

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062618\
 Data File : VX002926.D
 Acq On : 27 Jun 2018 06:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/28/2018 3:18:38 PM

Quant Time: Jun 27 11:32:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143742	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
35) Dibromofluoromethane	5.51	113	111626	43.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.80%	
50) Toluene-d8	8.72	98	412471	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
62) 4-Bromofluorobenzene	11.14	95	161166	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	102839	49.30	ug/l	100
3) Chloromethane	1.32	50	112529	52.01	ug/l	99
4) Vinyl Chloride	1.40	62	127246	48.16	ug/l	98
5) Bromomethane	1.64	94	76563	62.77	ug/l	99
6) Chloroethane	1.72	64	84146	54.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	223816	50.22	ug/l	98
8) Diethyl Ether	2.19	74	83455	51.51	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	126432	48.96	ug/l	99
10) Methyl Iodide	2.51	142	134766	51.28	ug/l	99
11) Tert butyl alcohol	3.08	59	186790	290.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112185	48.69	ug/l	95
13) Acrolein	2.29	56	88617	248.51	ug/l	99
14) Allyl chloride	2.73	41	221732	48.82	ug/l	97
15) Acrylonitrile	3.15	53	371468	270.35	ug/l	99
16) Acetone	2.45	43	357459	267.30	ug/l	100
17) Carbon Disulfide	2.57	76	284664	46.37	ug/l	99
18) Methyl Acetate	2.78	43	220697	59.03	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	437031	52.76	ug/l	99
20) Methylene Chloride	2.86	84	131560	50.55	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	122562	48.84	ug/l	94
22) Diisopropyl ether	3.88	45	463192	53.35	ug/l	99
23) Vinyl Acetate	3.83	43	1908526	259.61	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241860	51.26	ug/l	100
25) 2-Butanone	4.71	43	547782	276.01	ug/l	98
26) 2,2-Dichloropropane	4.59	77	117613	30.65	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	142734	50.73	ug/l	91
28) Bromochloromethane	5.02	49	77908	34.49	ug/l	94
29) Tetrahydrofuran	5.17	42	349050	274.26	ug/l	97
30) Chloroform	5.22	83	251760	51.99	ug/l	97
31) Cyclohexane	5.58	56	203482	50.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	223252	52.40	ug/l	99
36) 1,1-Dichloropropene	5.81	75	176361	49.51	ug/l	99
37) Ethyl Acetate	4.87	43	207062	53.99	ug/l	100
38) Carbon Tetrachloride	5.79	117	198465	50.78	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	207850	50.10	ug/l	97
40) Benzene	6.15	78	528981	51.11	ug/l	99
41) Methacrylonitrile	5.07	41	118428	53.63	ug/l	98
42) 1,2-Dichloroethane	6.20	62	214200	51.24	ug/l	100
43) Isopropyl Acetate	6.47	43	338459	52.62	ug/l	99
44) Trichloroethene	7.22	130	154331	50.02	ug/l	99
45) 1,2-Dichloropropane	7.52	63	141855	51.67	ug/l	100
46) Dibromomethane	7.66	93	98206	51.55	ug/l	98
47) Bromodichloromethane	7.90	83	188941	53.65	ug/l	98
48) Methyl methacrylate	7.78	41	179748	54.24	ug/l	98
49) 1,4-Dioxane	7.76	88	73870	1145.70	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1131041	281.07	ug/l	99
52) Toluene	8.79	92	347721	52.45	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	201160	50.43	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	187306	48.80	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143804	52.79	ug/l	98
56) Ethyl methacrylate	9.18	69	217092	54.52	ug/l	97
57) 1,3-Dichloropropane	9.38	76	236780	52.92	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	535185	278.62	ug/l	99
59) 2-Hexanone	9.50	43	869937	284.45	ug/l	98
60) Dibromochloromethane	9.59	129	155683	54.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	152489	53.36	ug/l	100
64) Tetrachloroethene	9.34	164	179866	50.62	ug/l	99
65) Chlorobenzene	10.14	112	402182	49.55	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	153139	51.94	ug/l	98
67) Ethyl Benzene	10.26	91	683383	50.97	ug/l	100
68) m/p-Xylenes	10.36	106	533066	103.15	ug/l	99
69) o-Xylene	10.70	106	260541	51.78	ug/l	99
70) Styrene	10.71	104	429220	52.50	ug/l	99
71) Bromoform	10.86	173	122576	46.32	ug/l	98
73) Isopropylbenzene	11.02	105	720554	53.67	ug/l	100
74) N-amyl acetate	6.47	43	338459	51.52	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219320	53.03	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	189400m	52.39	ug/l	
77) Bromobenzene	11.26	156	195347	51.09	ug/l	98
78) n-propylbenzene	11.37	91	816595	53.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	483898	52.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	607727	53.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50890	41.46	ug/l	98
82) 4-Chlorotoluene	11.51	91	571539	52.18	ug/l	100
83) tert-Butylbenzene	11.77	119	600211	53.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	625194	53.36	ug/l	98
85) sec-Butylbenzene	11.95	105	734914	54.36	ug/l	100
86) p-Isopropyltoluene	12.07	119	661442	54.42	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	358753	51.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362307	50.42	ug/l	100
89) n-Butylbenzene	12.39	91	562784	53.20	ug/l	100
90) Hexachloroethane	12.60	117	101459	56.12	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	364855	51.77	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50133	53.92	ug/l	98

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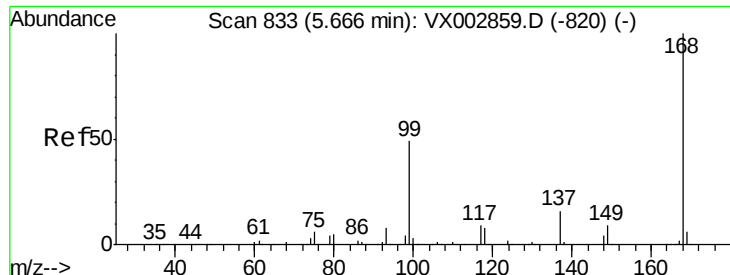
Manual Integrations
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6/28/2018 3:18:38 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268058	52.26	ug/l	100
94) Hexachlorobutadiene	13.79	225	136335	53.29	ug/l	99
95) Naphthalene	13.84	128	762708	55.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	277588	54.18	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 233625

Ion Ratio Lower Upper

168 100

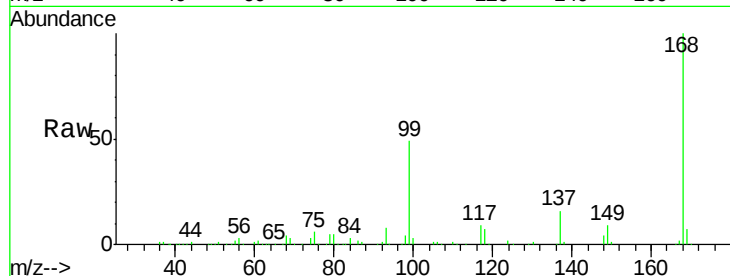
99 49.3 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

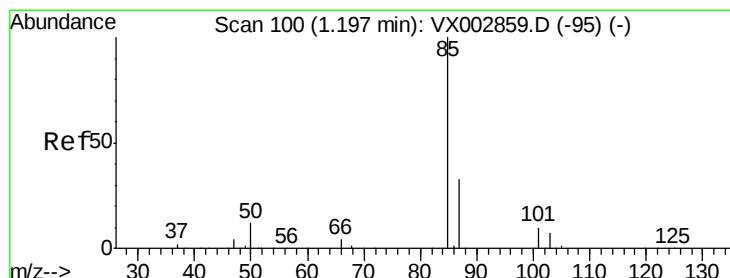
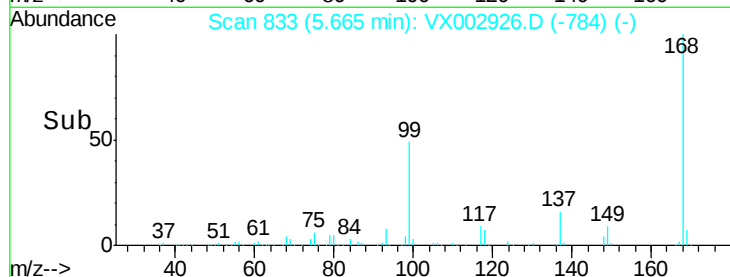
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.30 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002926.D

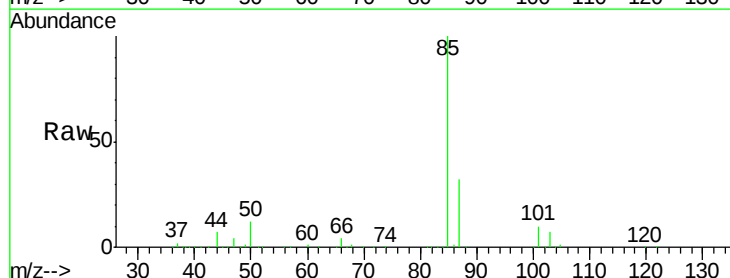
Acq: 27 Jun 2018 06:20

Tgt Ion: 85 Resp: 102839

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

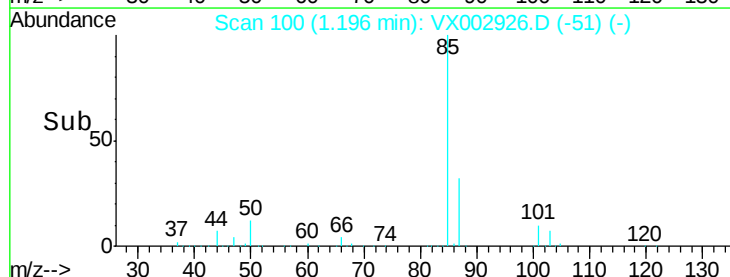
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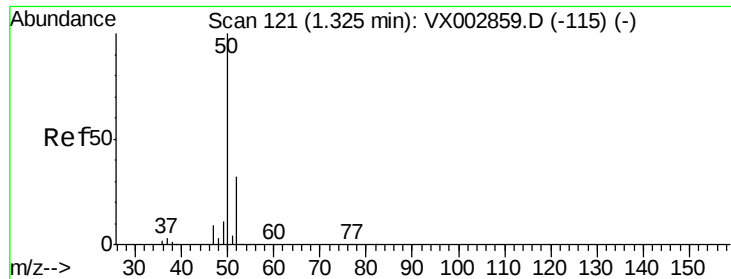
20000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 52.01 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 112529

Ion Ratio Lower Upper

50 100

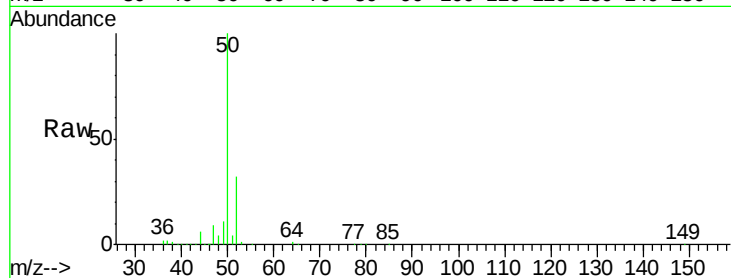
52 32.4 25.7 38.5

Manual Integrations

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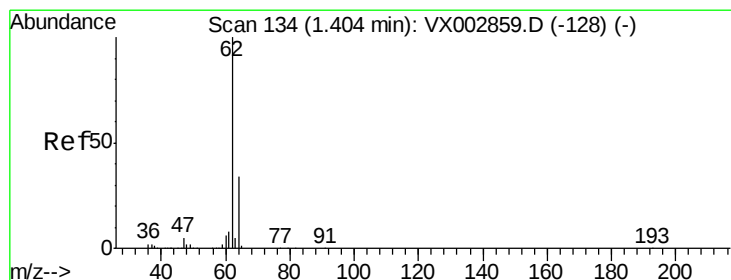
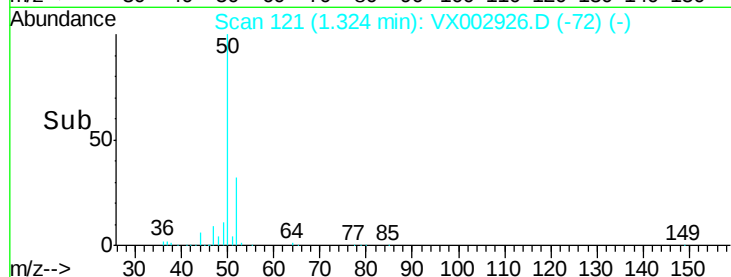
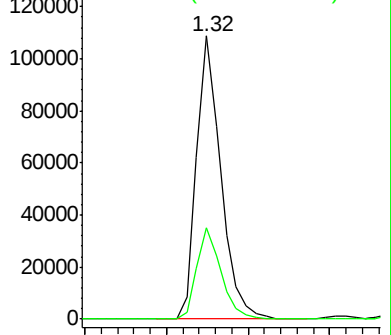
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002926.D

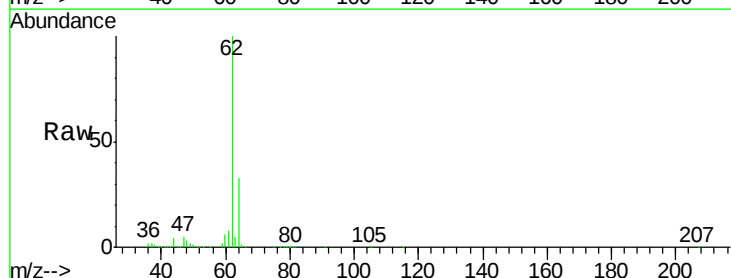
Acq: 27 Jun 2018 06:20

Tgt Ion: 62 Resp: 127246

Ion Ratio Lower Upper

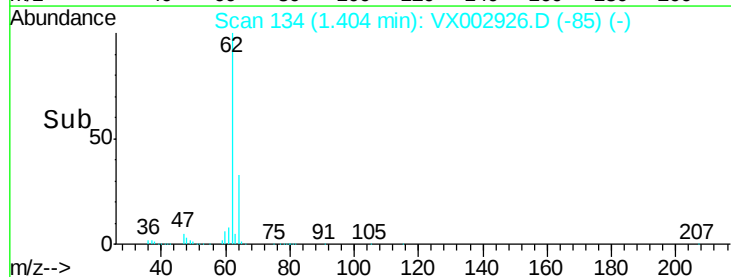
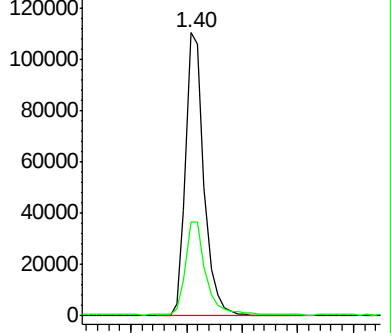
62 100

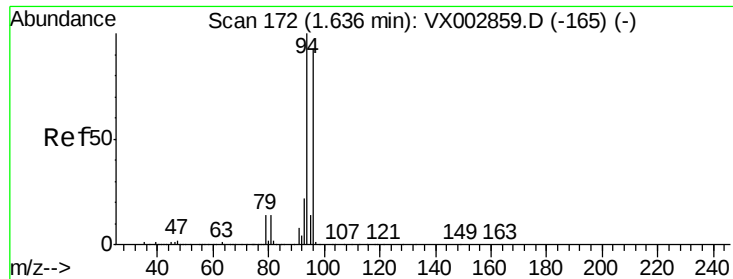
64 33.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 62.77 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 76563

Ion Ratio Lower Upper

94 100

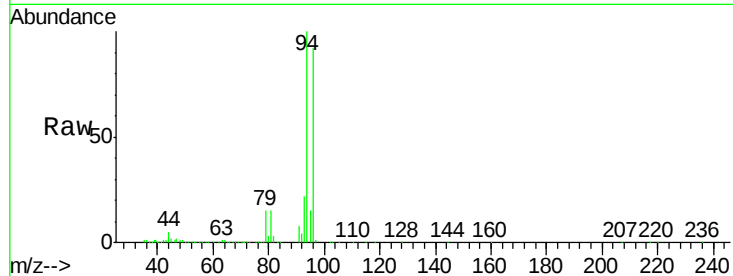
96 92.4 74.9 112.3

Manual Integrations

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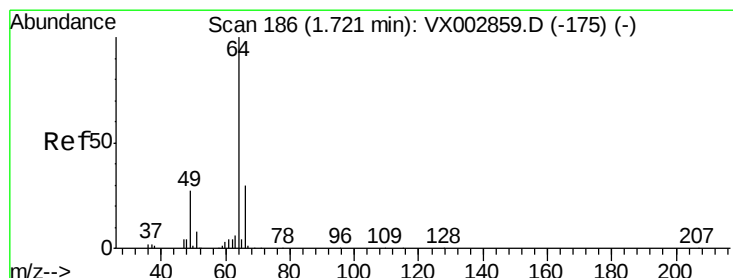
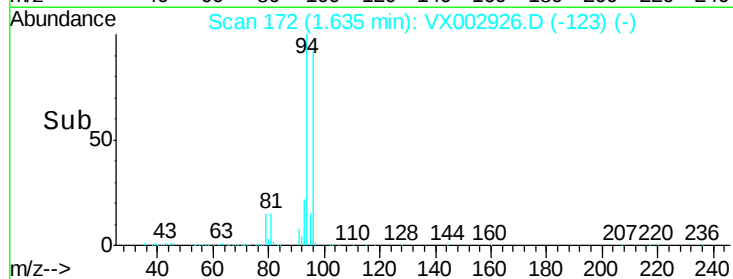
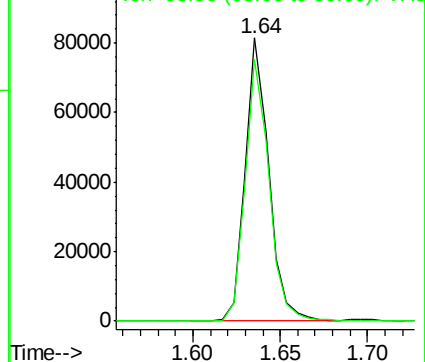
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002926.D

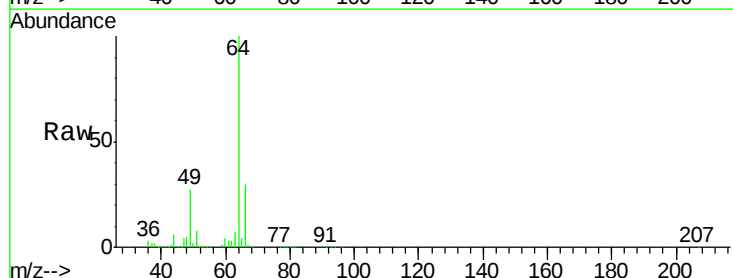
Acq: 27 Jun 2018 06:20

Tgt Ion: 64 Resp: 84146

Ion Ratio Lower Upper

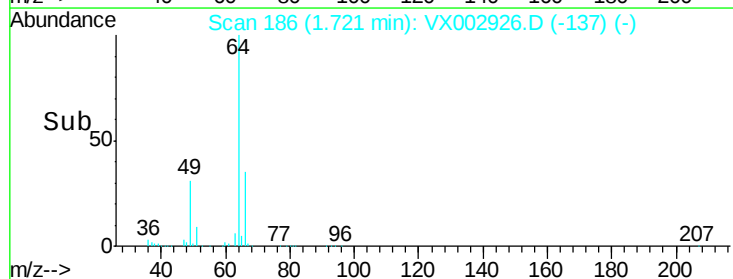
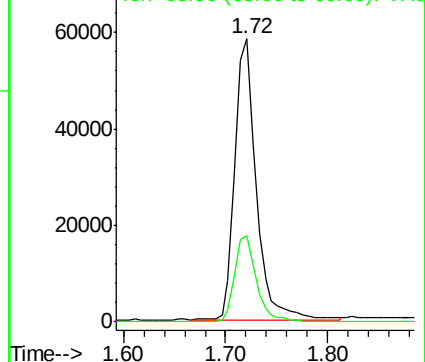
64 100

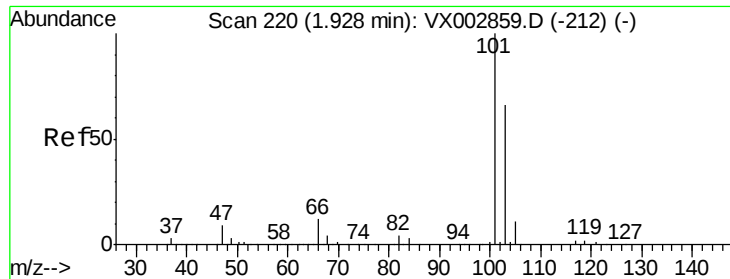
66 30.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 50.22 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 223816

Ion Ratio Lower Upper

101 100

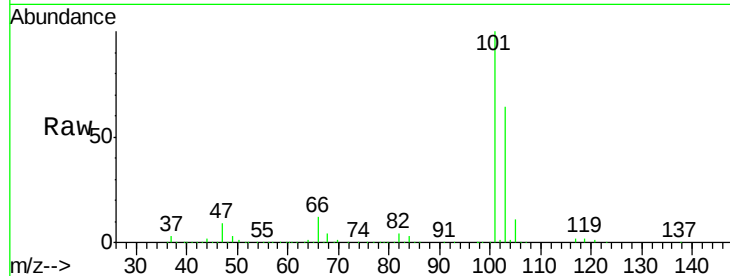
103 64.3 52.8 79.2

Manual Integrations

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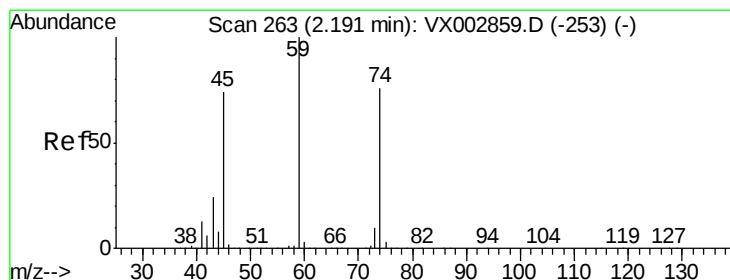
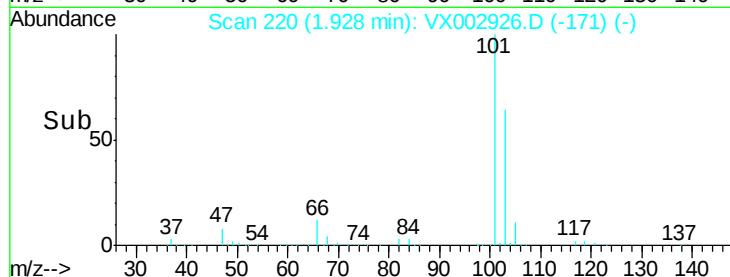
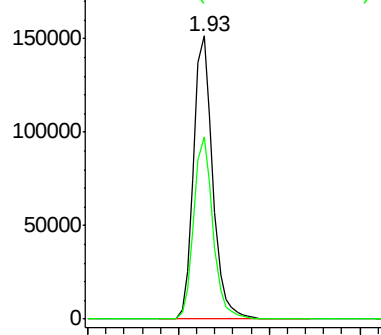
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.51 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX002926.D

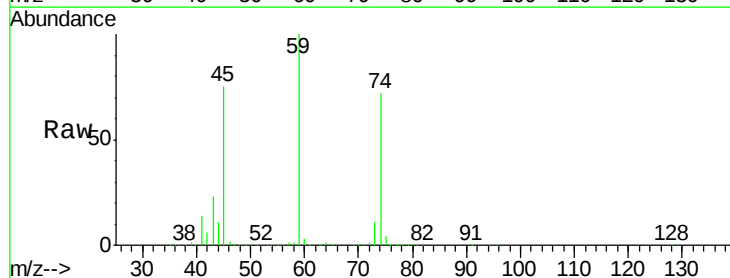
Acq: 27 Jun 2018 06:20

Tgt Ion: 74 Resp: 83455

Ion Ratio Lower Upper

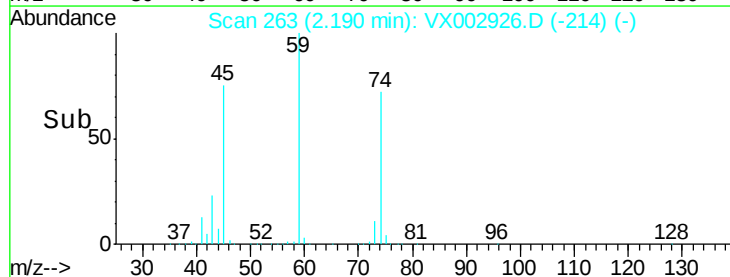
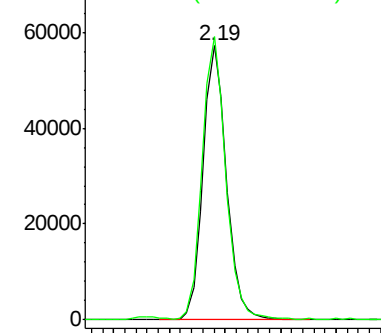
74 100

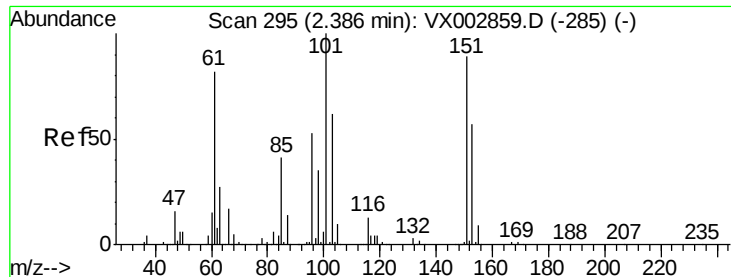
45 102.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.96 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

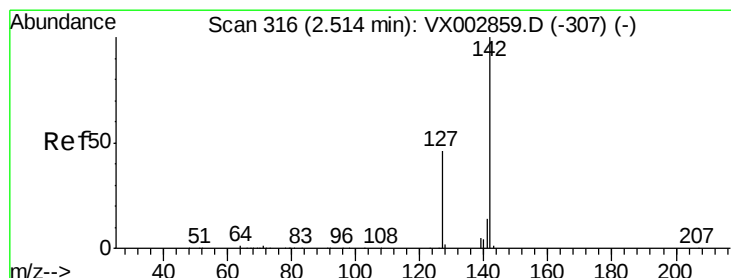
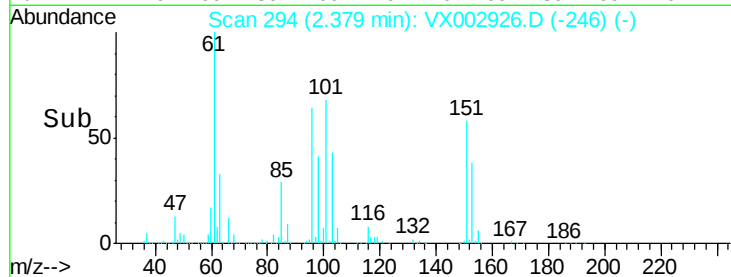
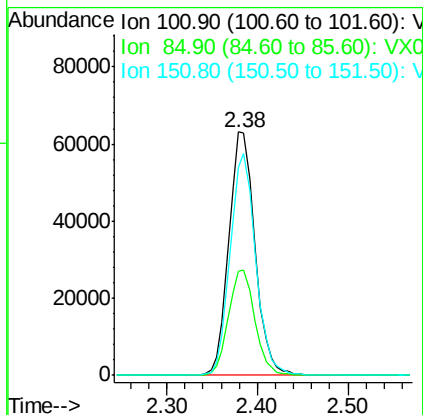
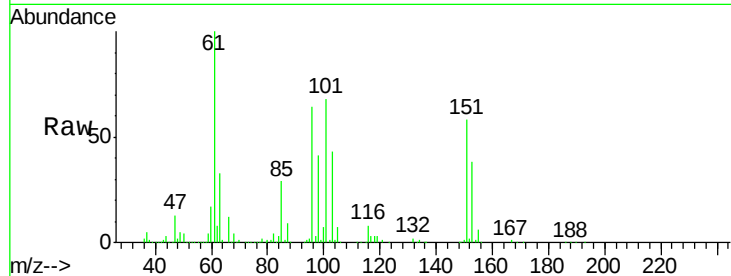
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	126432
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.0	54.0
151	89.0	70.9	106.3

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#10

Methyl Iodide

Concen: 51.28 ug/l

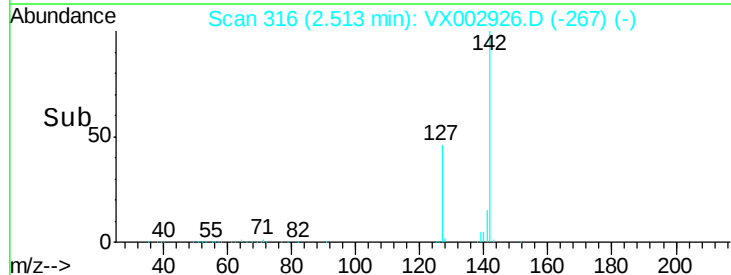
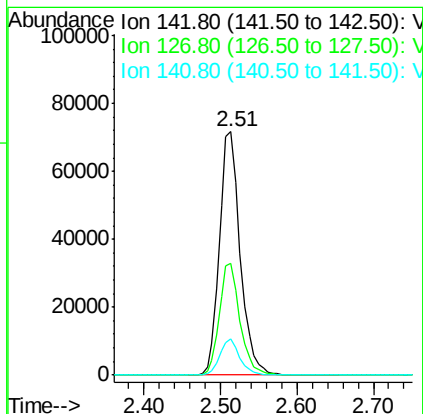
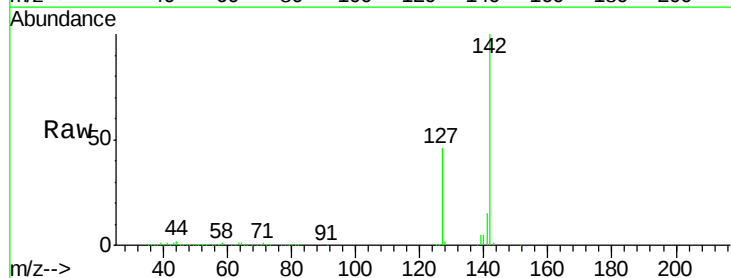
RT: 2.51 min Scan# 316

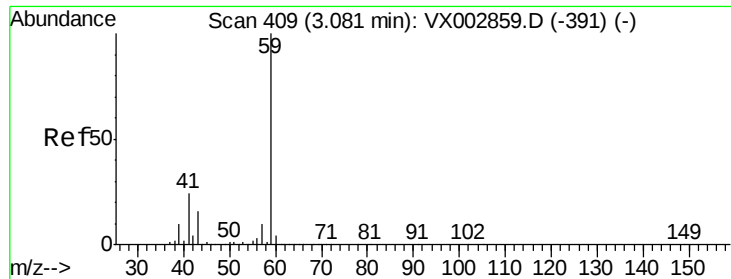
Delta R.T. 0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	142	Resp:	134766
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.6	55.0
141	14.2	11.3	16.9





#11

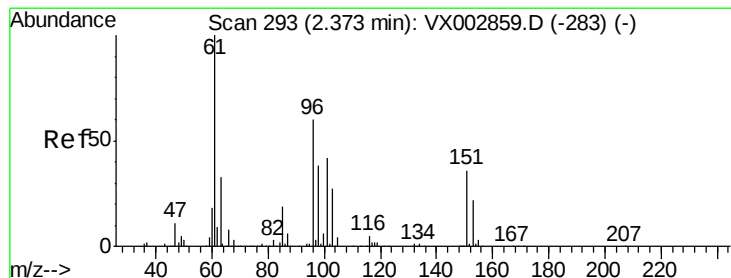
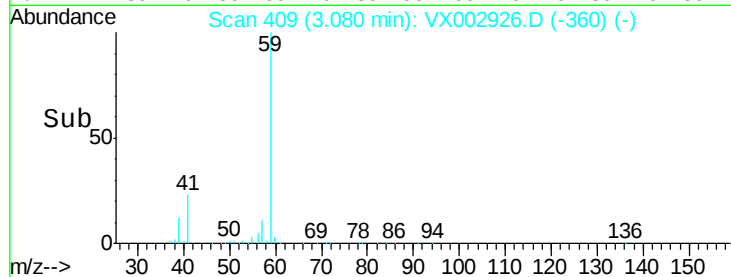
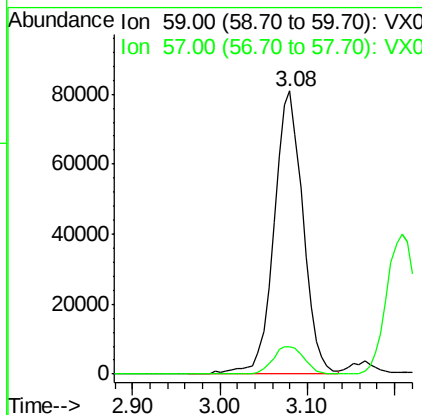
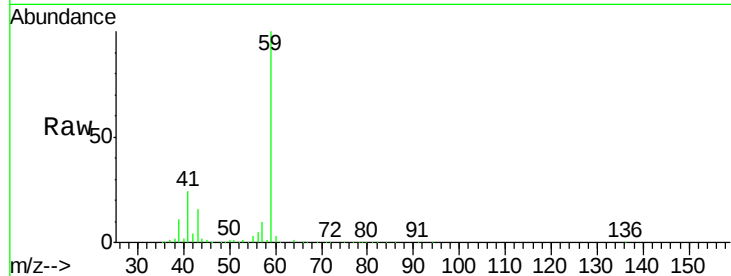
Tert butyl alcohol
 Concen: 290.37 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

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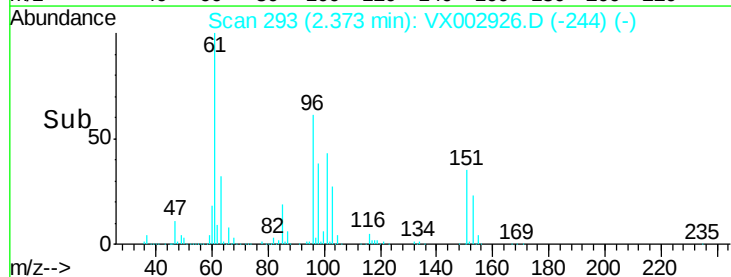
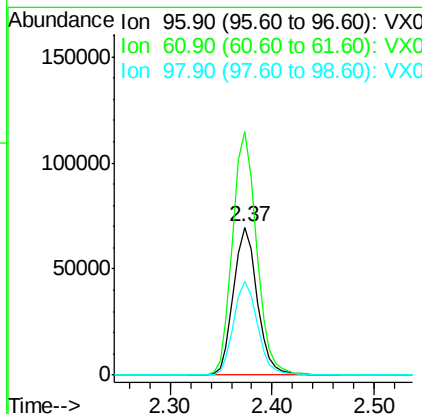
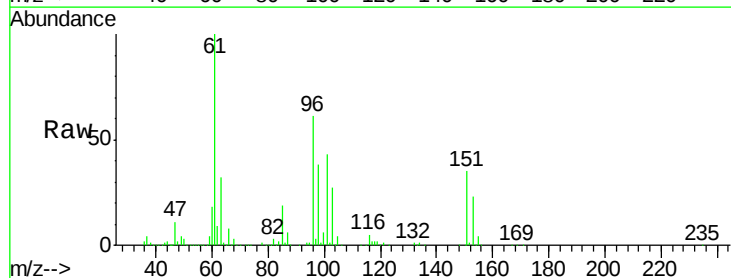
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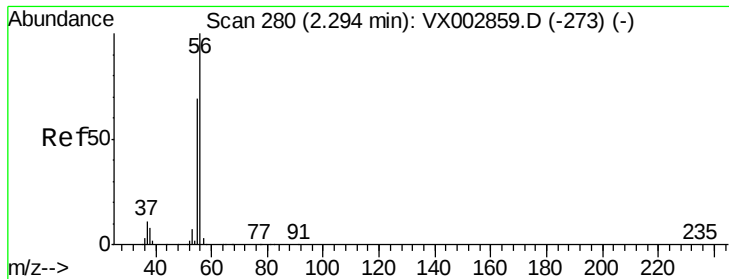


#12

1,1-Dichloroethene
 Concen: 48.69 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.4	137.9	206.9
98	63.1	51.6	77.4





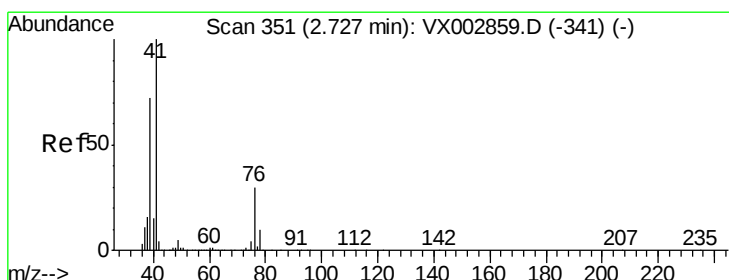
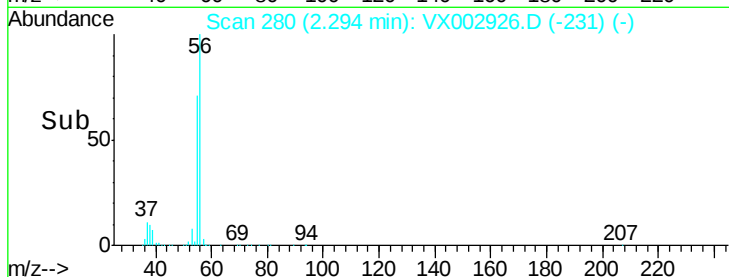
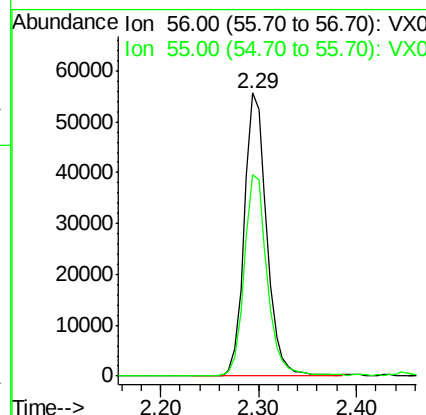
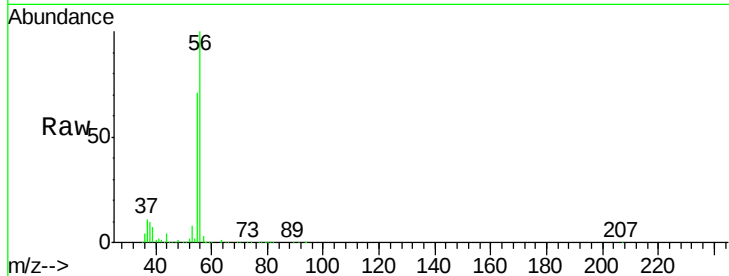
#13
Acrolein
Concen: 248.51 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	88617
Ion Ratio	100	Lower	Upper
55	71.7	57.0	85.4

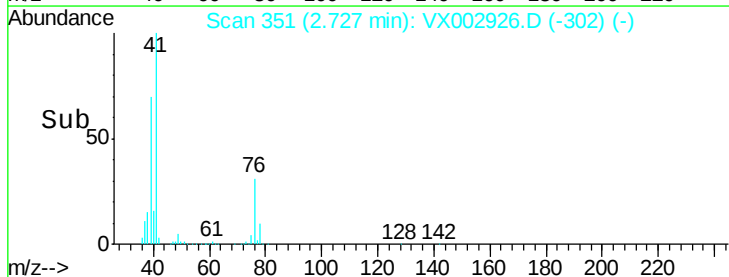
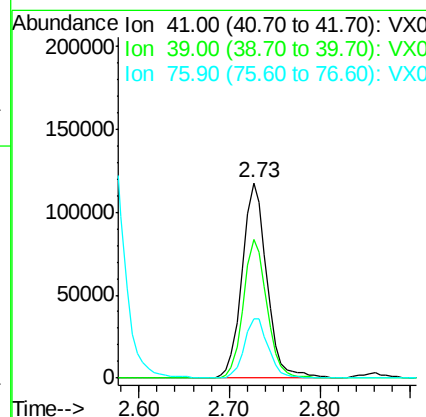
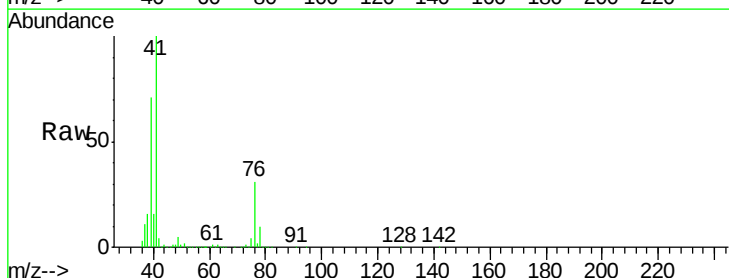
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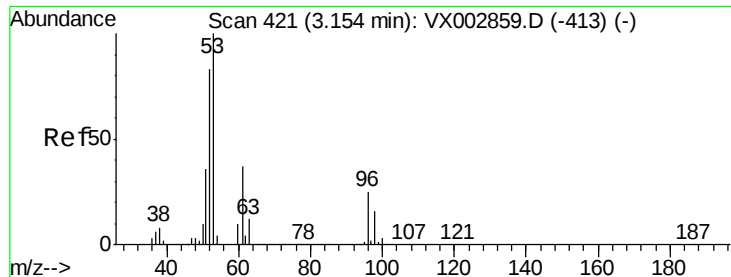
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#14
Allyl chloride
Concen: 48.82 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	41	Resp	221732
Ion Ratio	100	Lower	Upper
39	67.5	56.8	85.2
76	29.6	23.8	35.8





#15

Acrylonitrile

Concen: 270.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

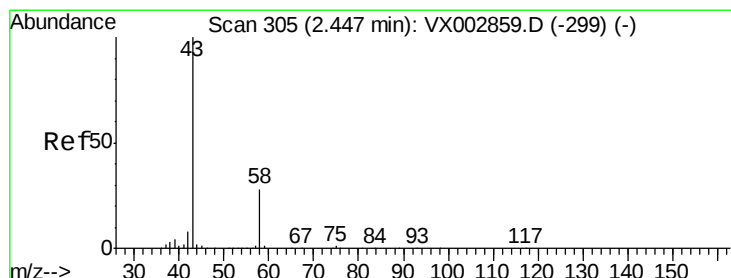
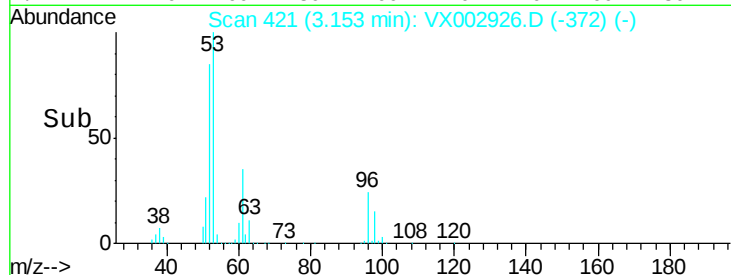
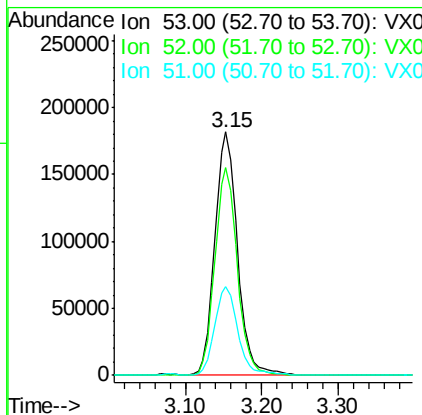
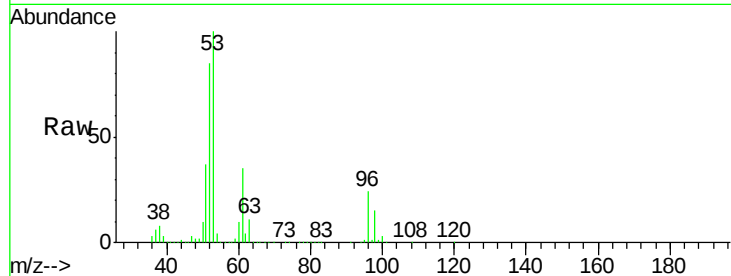
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	371468
Ion Ratio	Lower	Upper	
53	100		
52	84.1	66.7	100.1
51	36.9	29.9	44.9

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#16

Acetone

Concen: 267.30 ug/l

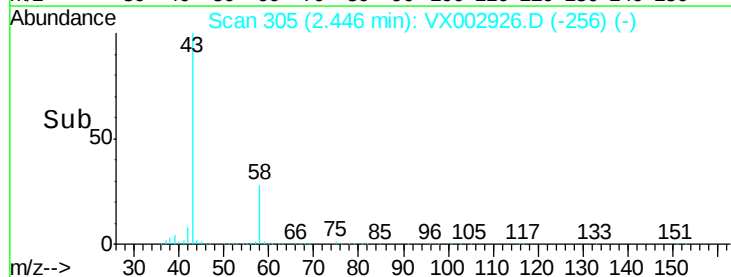
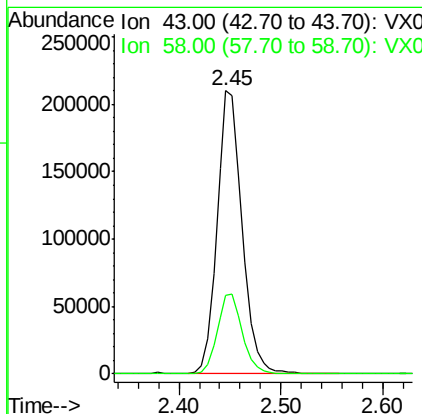
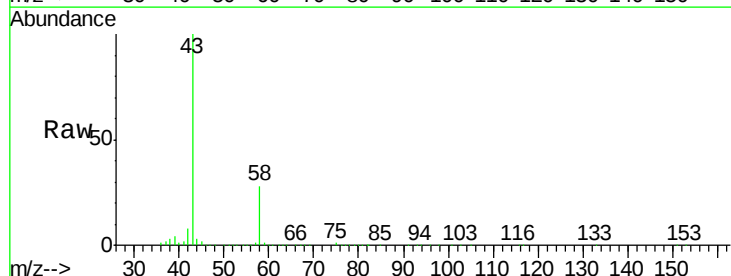
RT: 2.45 min Scan# 305

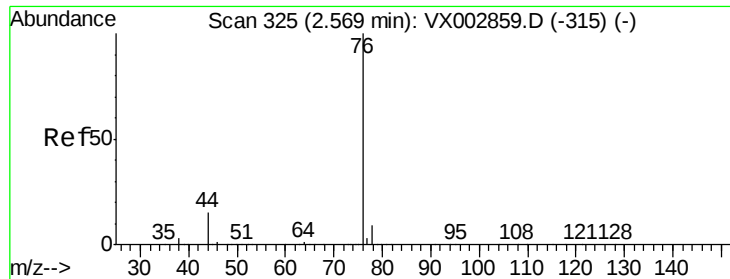
Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	43	Resp:	357459
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.1	33.1





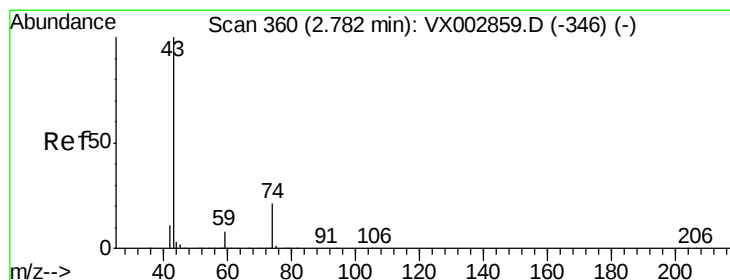
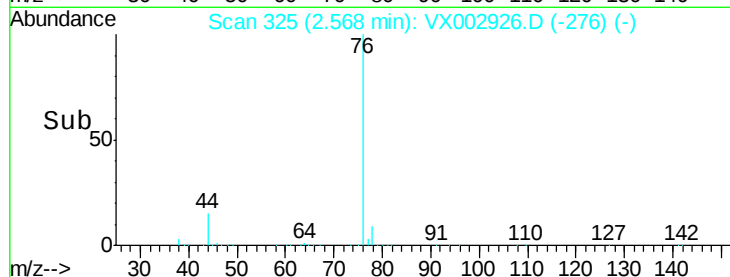
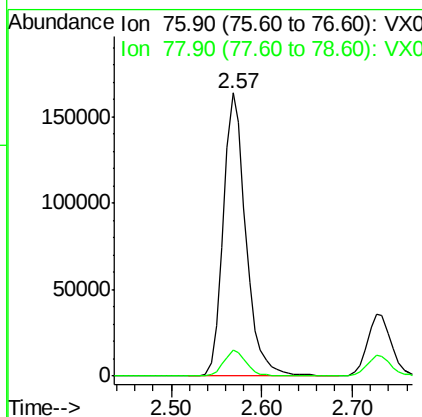
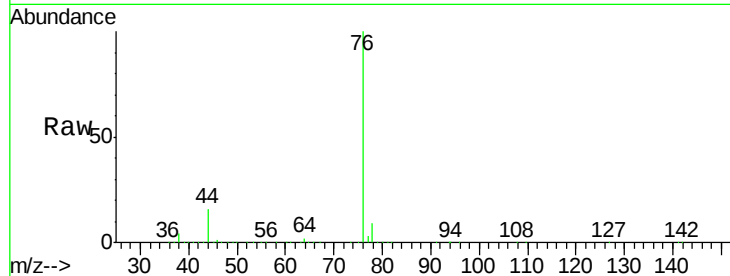
#17
Carbon Disulfide
Concen: 46.37 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

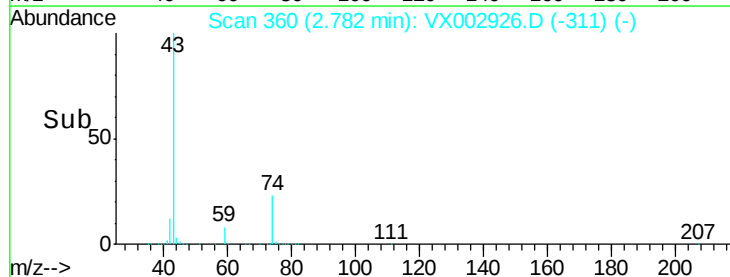
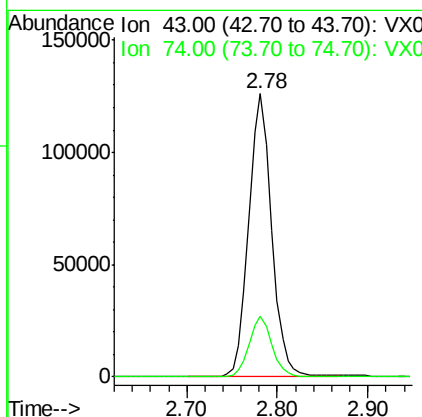
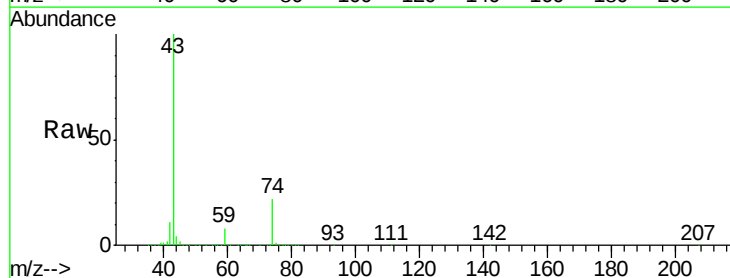
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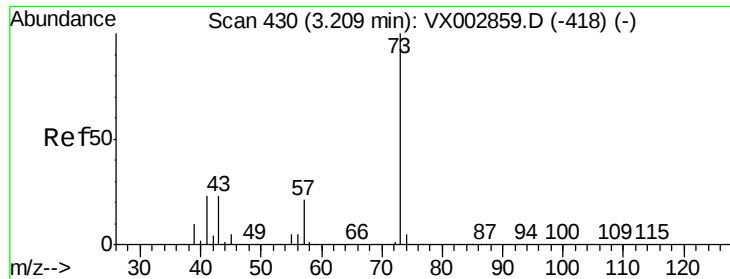
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#18
Methyl Acetate
Concen: 59.03 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.7	25.1





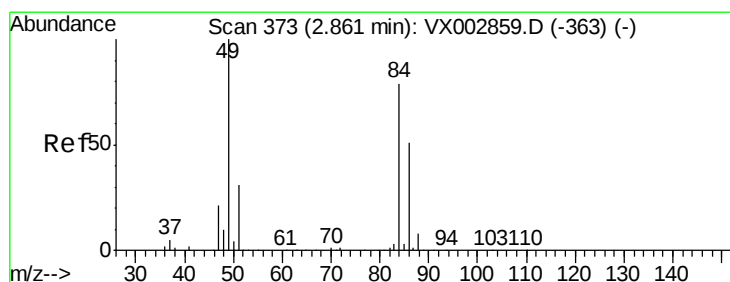
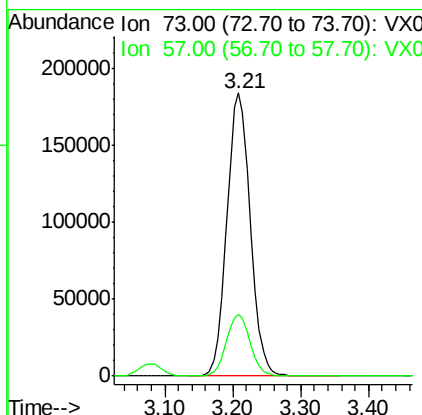
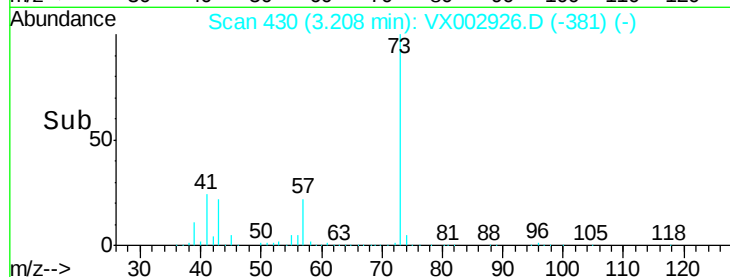
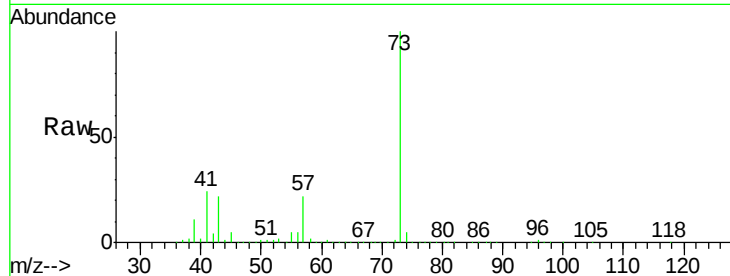
#19
Methvl tert-butvl Ether
Concen: 52.76 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 437031
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

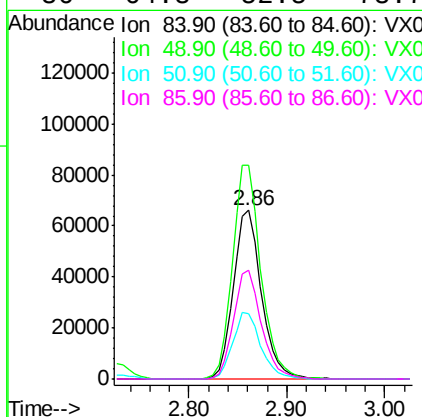
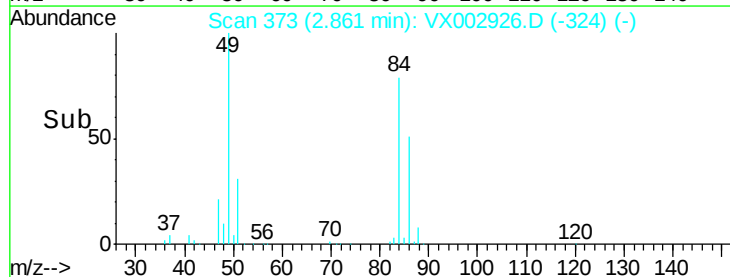
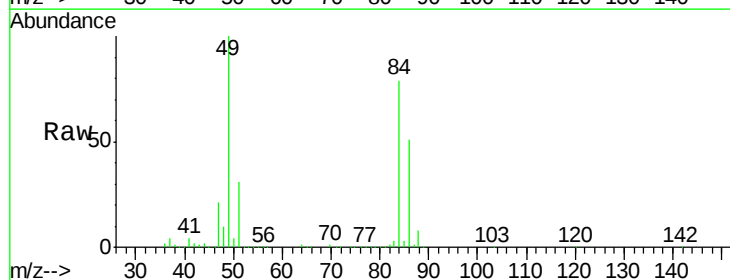
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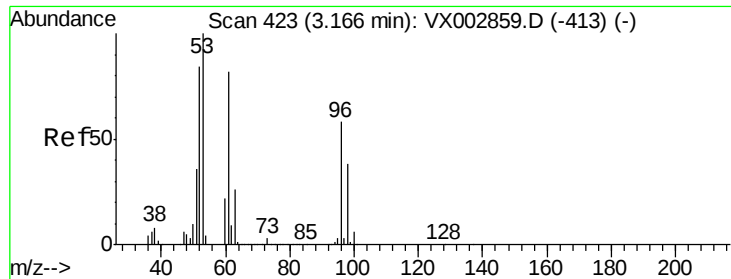
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#20
Methylene Chloride
Concen: 50.55 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion: 84 Resp: 131560
Ion Ratio Lower Upper
84 100
49 126.5 107.8 161.6
51 38.7 32.8 49.2
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.84 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

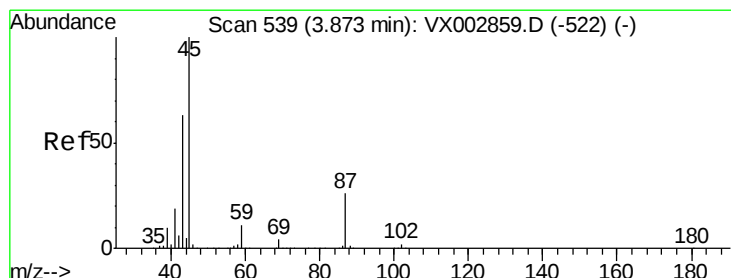
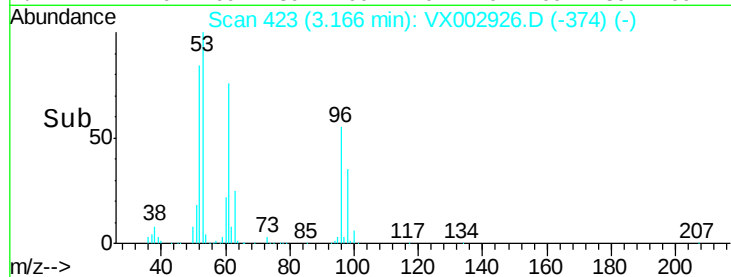
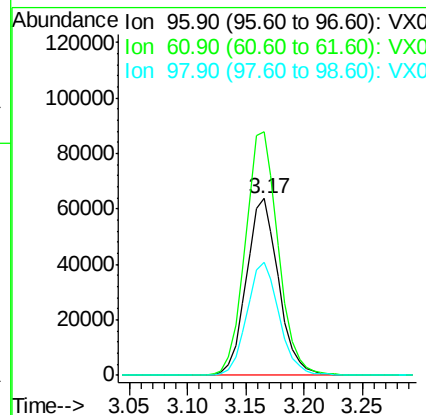
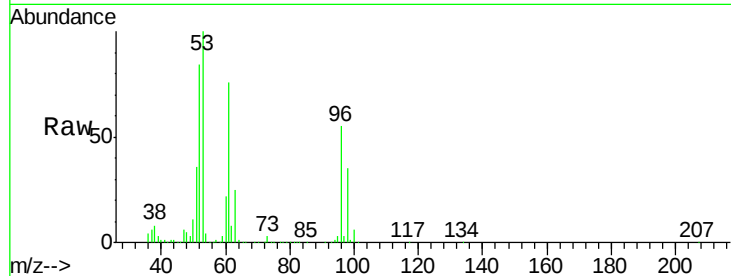
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	122562
Ion	Ratio	Lower	Upper
96	100		
61	137.5	117.0	175.4
98	63.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 53.35 ug/l

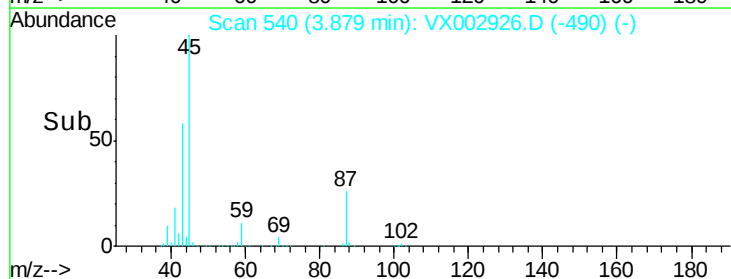
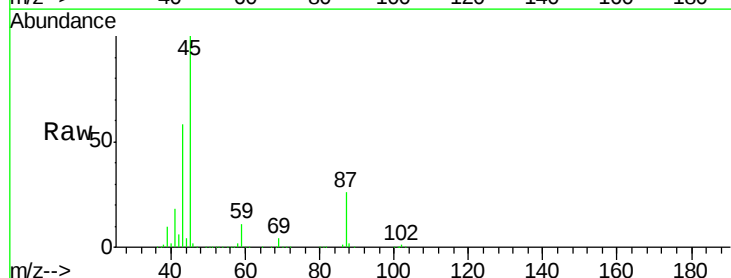
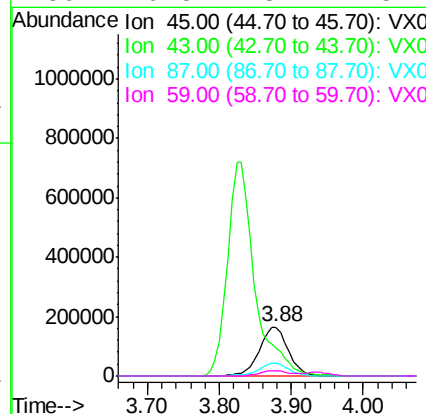
RT: 3.88 min Scan# 540

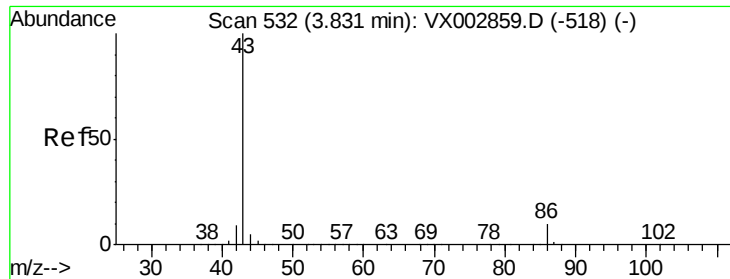
Delta R.T. 0.01 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	45	Resp:	463192
Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.8	70.2
87	26.1	20.2	30.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 259.61 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1908526

Ion Ratio Lower Upper

43 100

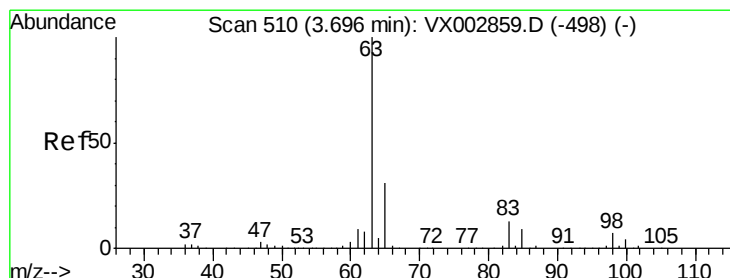
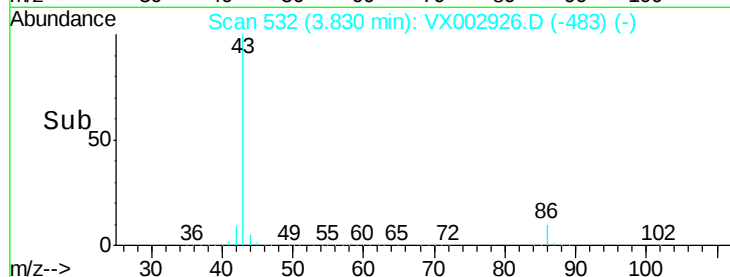
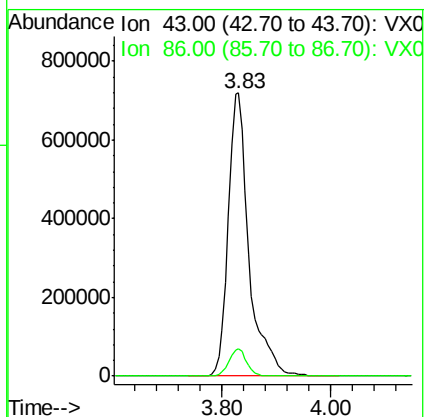
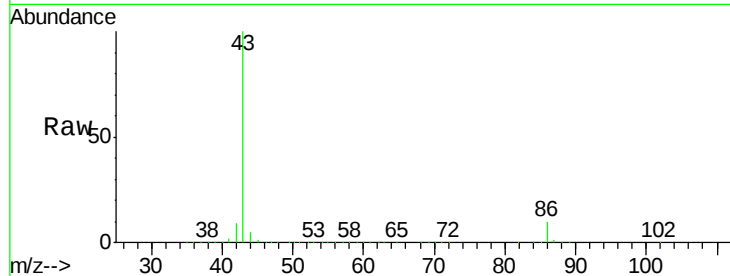
86 9.7 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 51.26 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

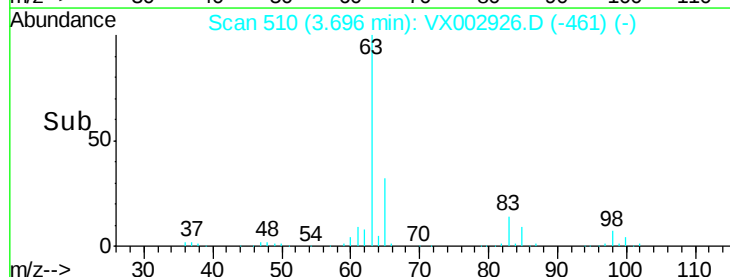
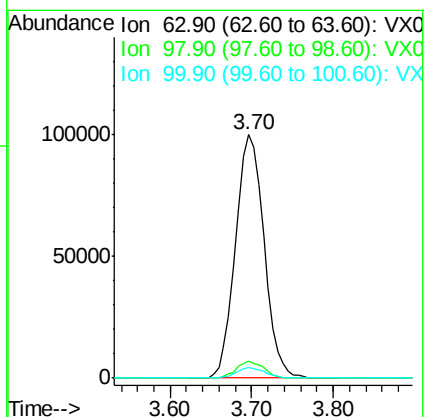
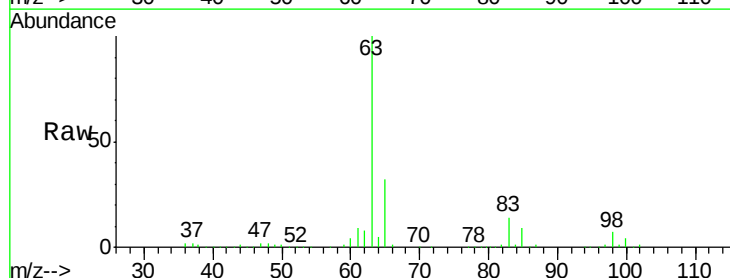
Tgt Ion: 63 Resp: 241860

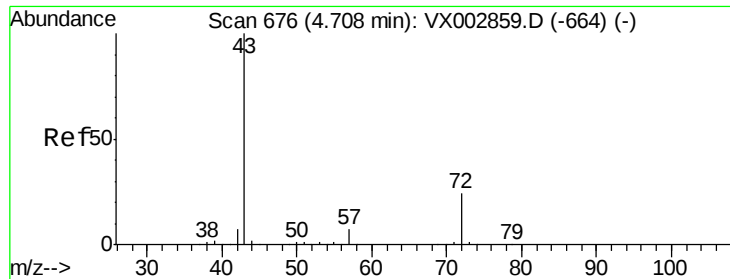
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 276.01 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 547782

Ion Ratio Lower Upper

43 100

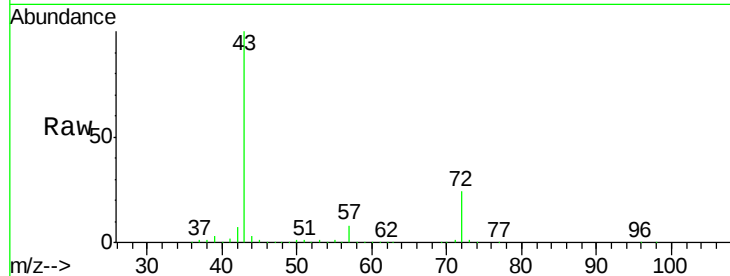
72 24.1 18.5 27.7

Manual Integrations

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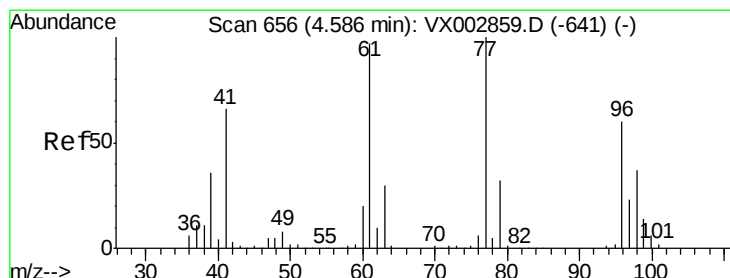
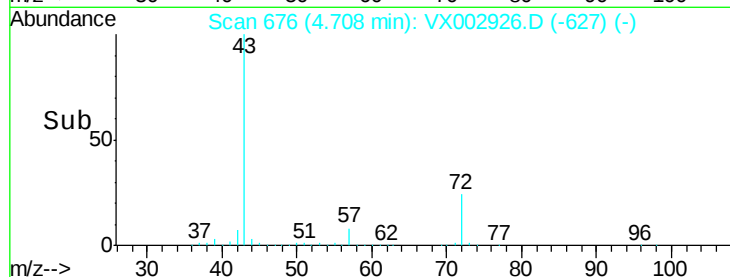
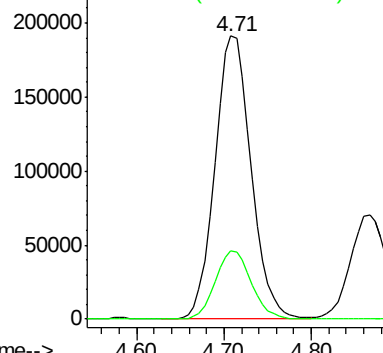
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 30.65 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002926.D

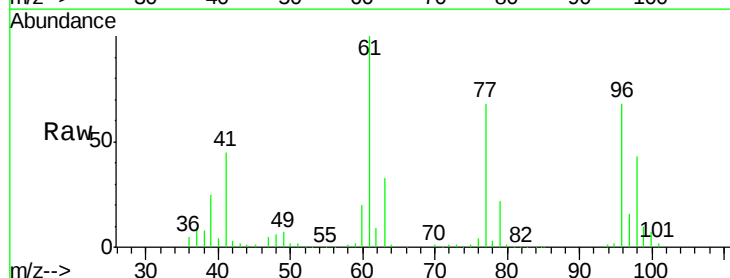
Acq: 27 Jun 2018 06:20

Tgt Ion: 77 Resp: 117613

Ion Ratio Lower Upper

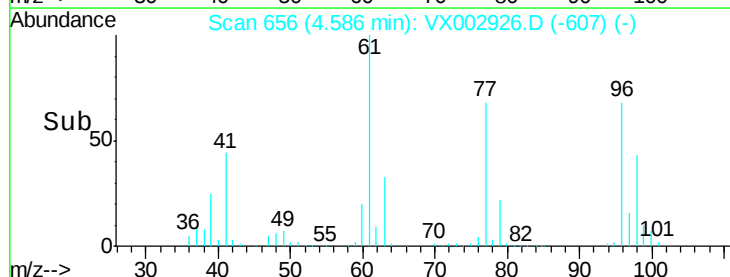
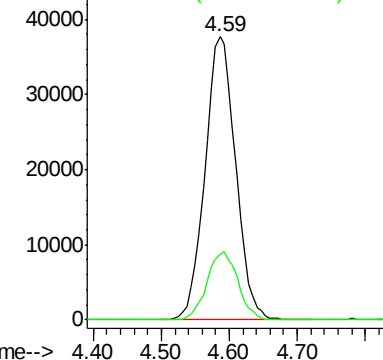
77 100

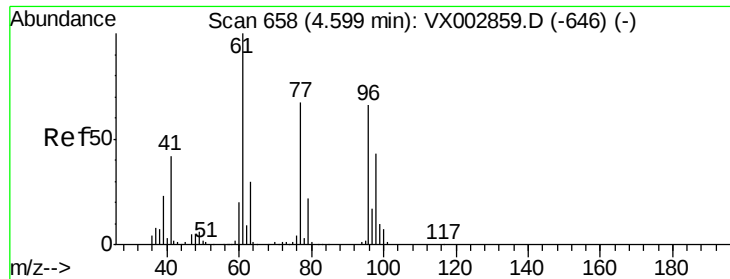
97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

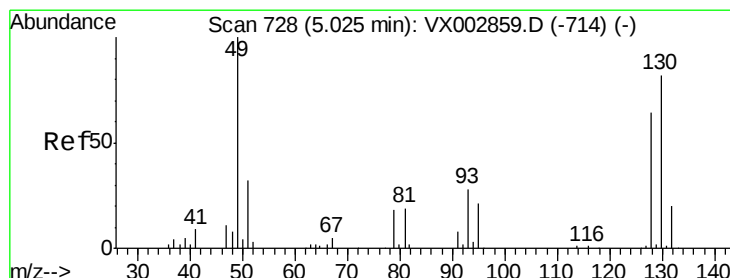
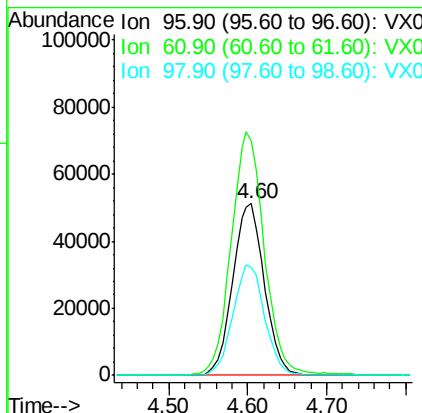
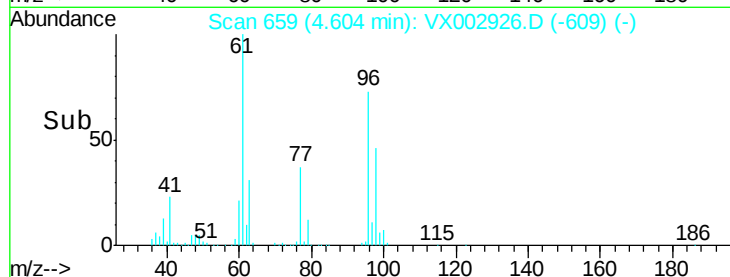
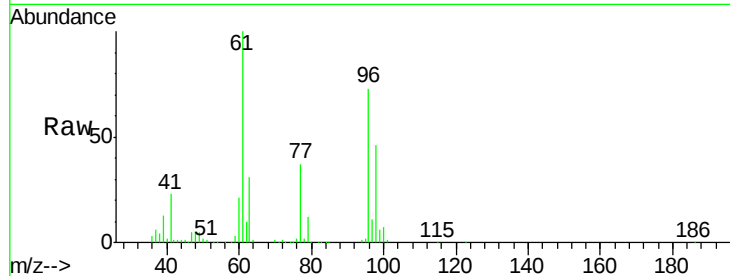
cis-1,2-Dichloroethene
Concen: 50.73 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	142734		
61	148.3	0.0	330.2	
98	64.5	0.0	130.2	

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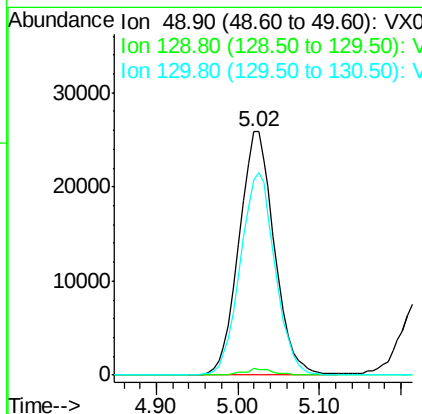
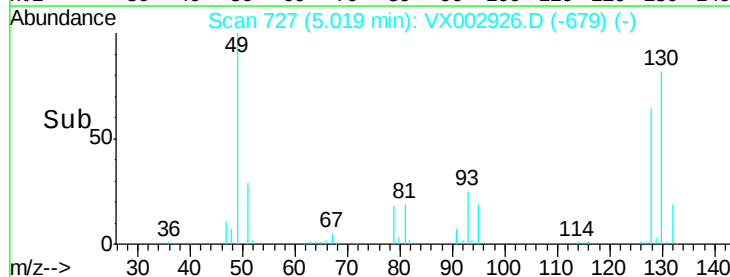
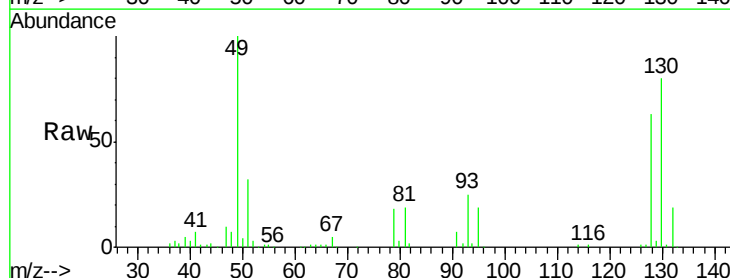
apatel
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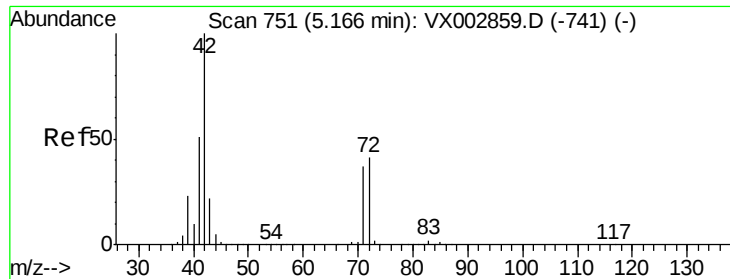


#28

Bromochloromethane
Concen: 34.49 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77908		
129	2.4	0.0	4.2	
130	81.7	61.2	91.8	





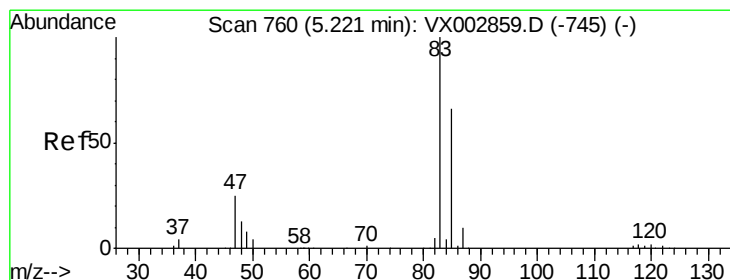
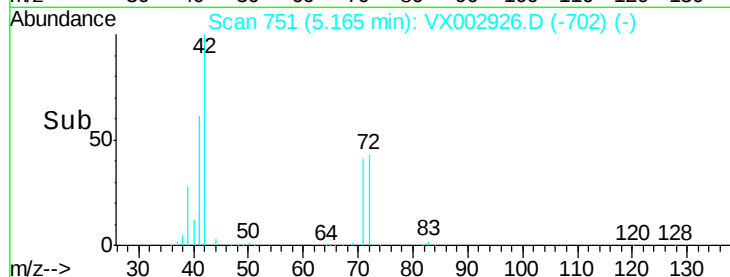
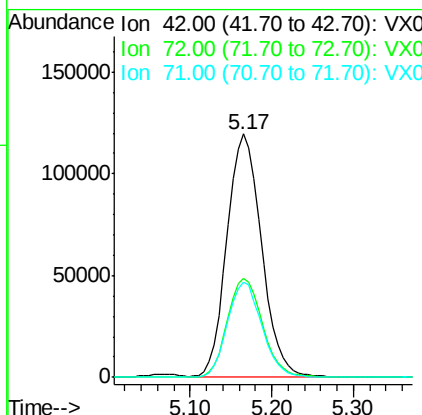
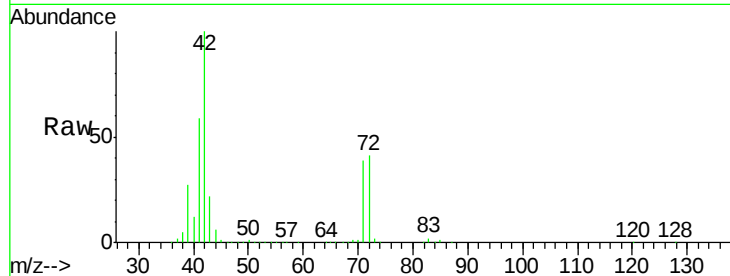
#29
Tetrahydrofuran
Concen: 274.26 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	39.2	30.1	45.1

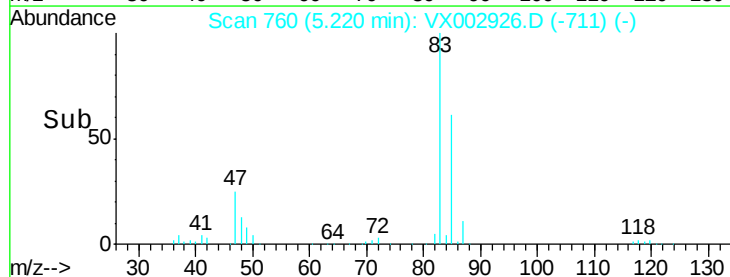
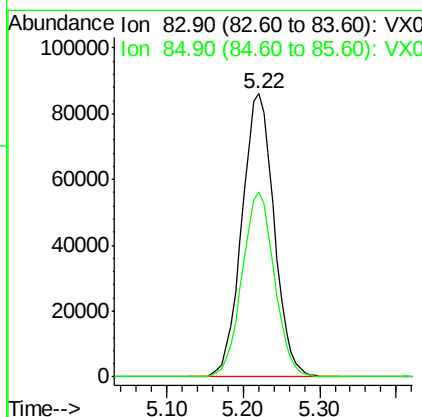
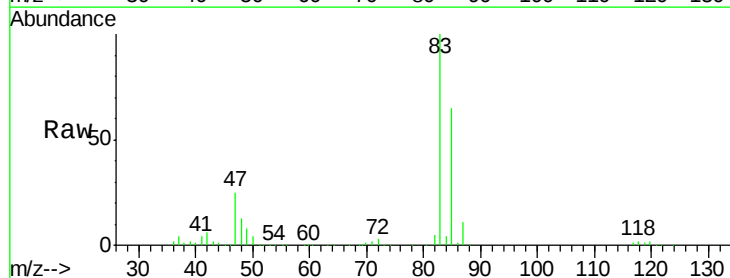
Manual Integrations
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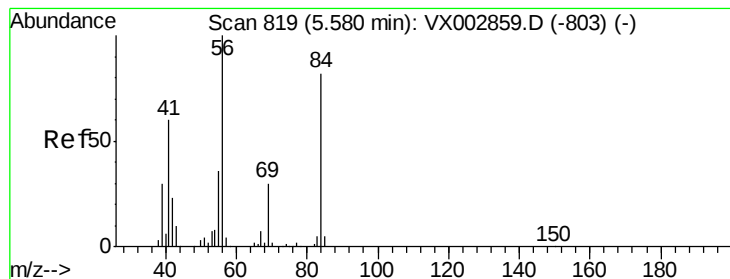
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#30
Chloroform
Concen: 51.99 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.4	75.6





#31

Cyclohexane

Concen: 50.25 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

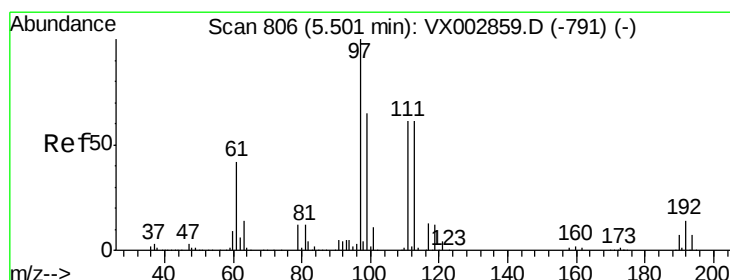
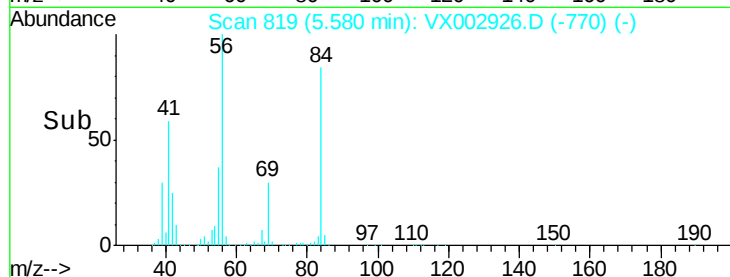
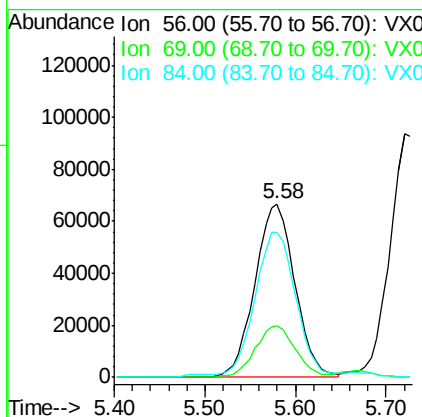
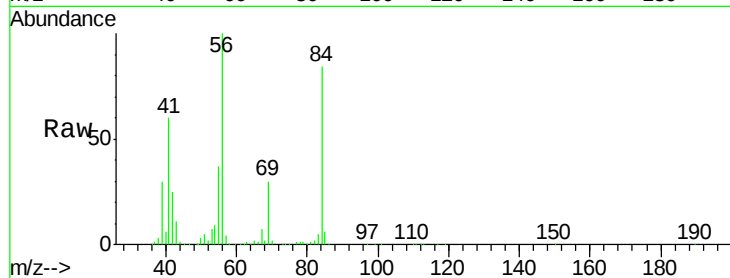
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	203482
Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.7	35.5
84	82.3	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 52.40 ug/l

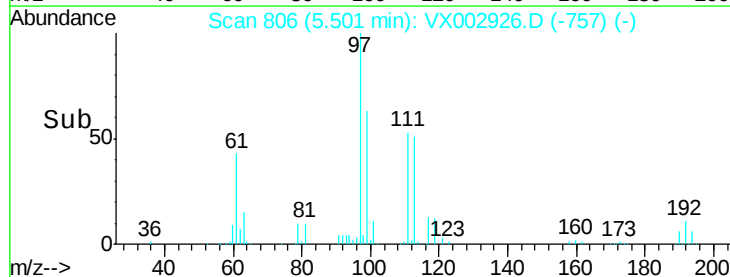
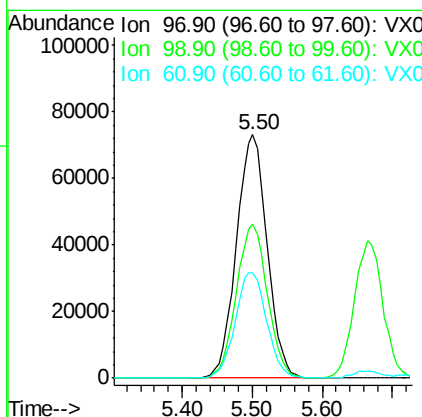
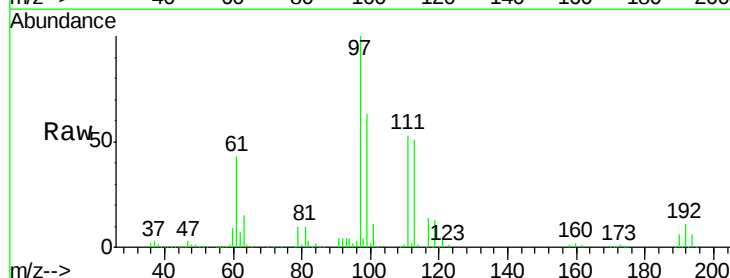
RT: 5.50 min Scan# 806

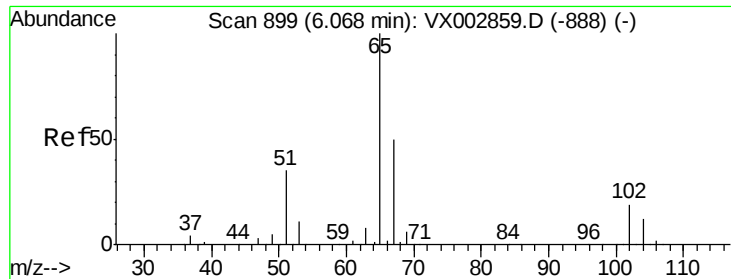
Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	97	Resp:	223252
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.6	77.4
61	44.3	36.4	54.6





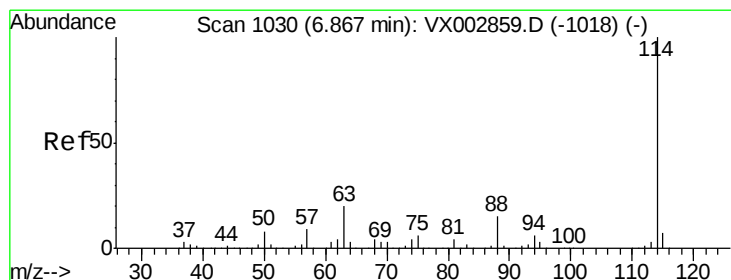
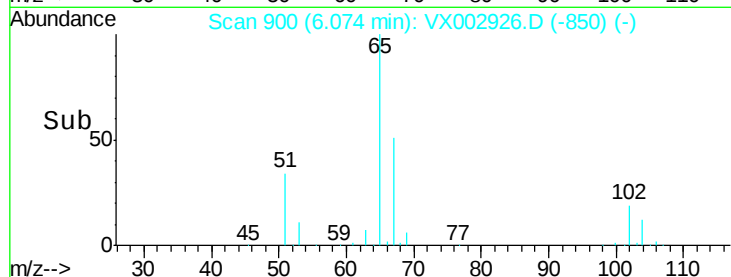
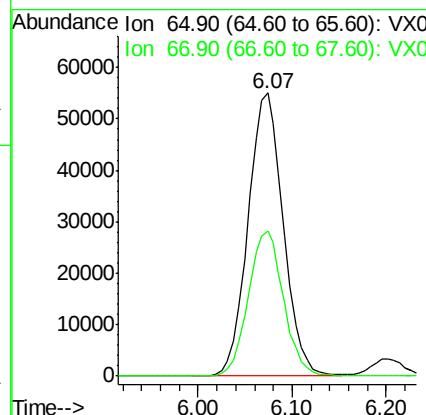
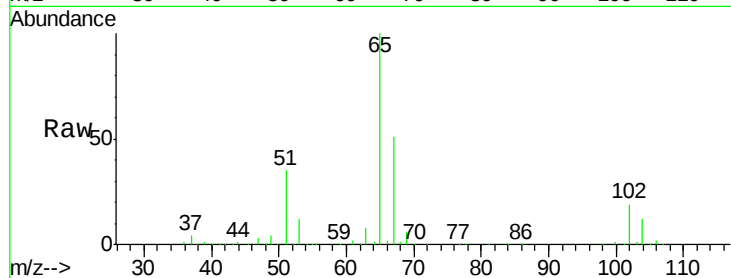
#33
 1,2-Dichloroethane-d4
 Concen: 44.51 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.6

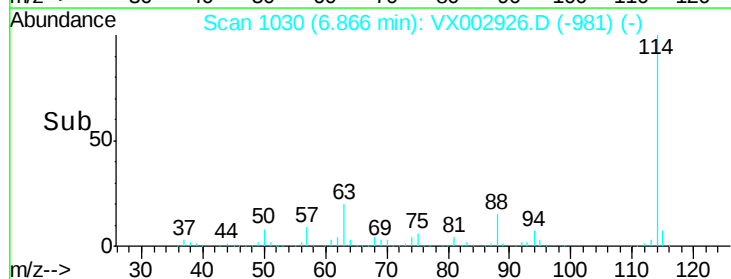
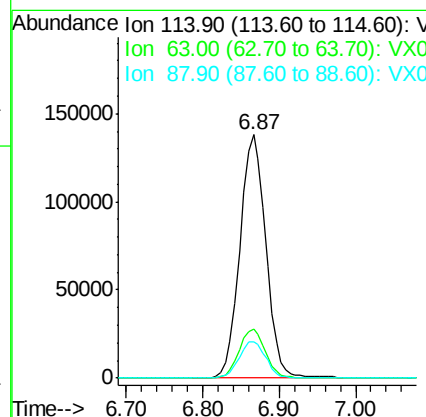
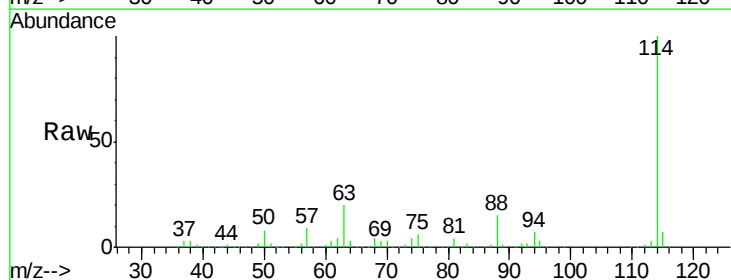
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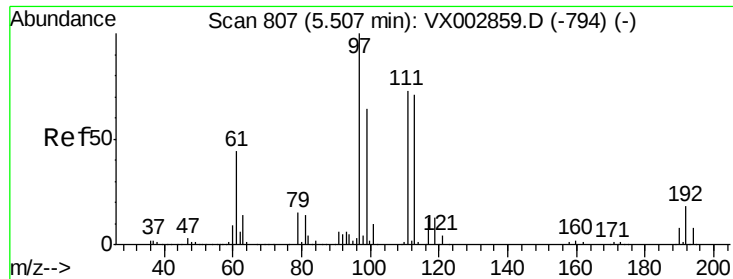
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.4
88	15.1	0.0	30.0





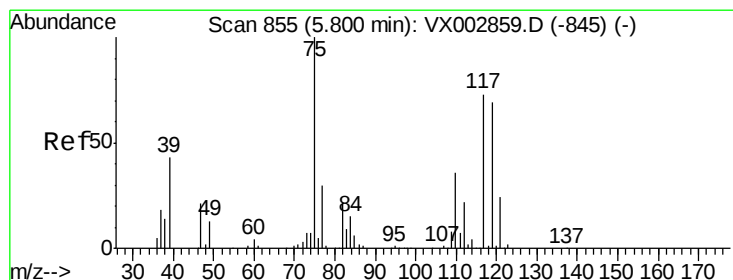
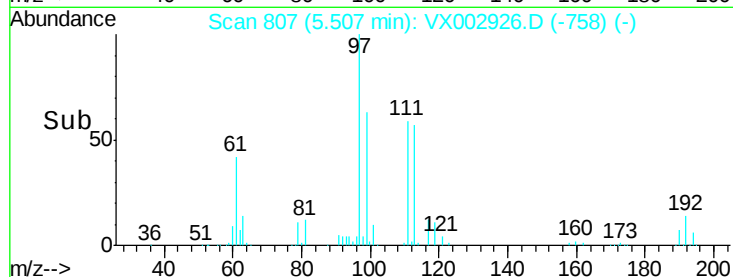
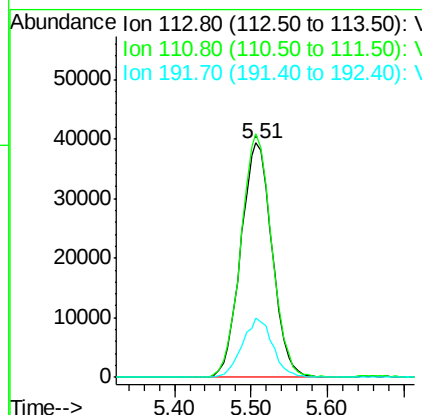
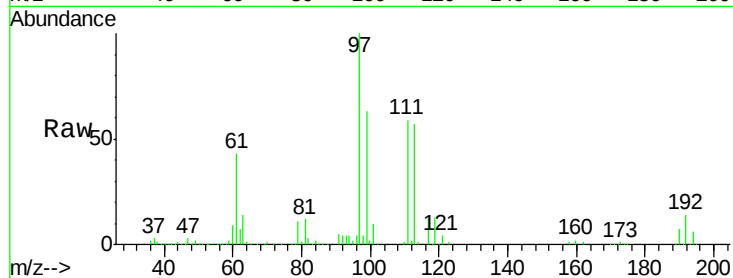
#35
 Dibromofluoromethane
 Concen: 43.40 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111626		
111	102.4	81.4	122.0	
192	24.6	19.1	28.7	

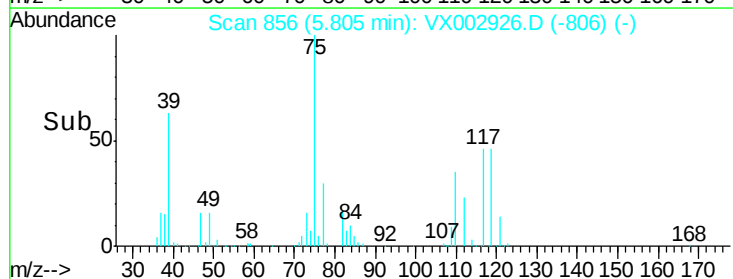
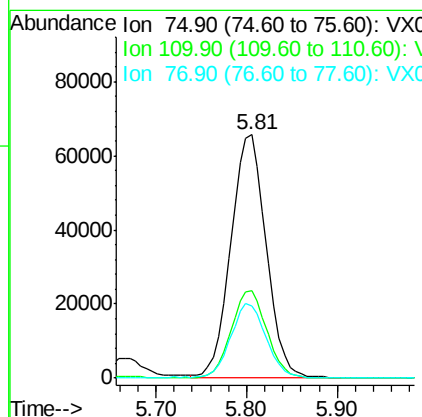
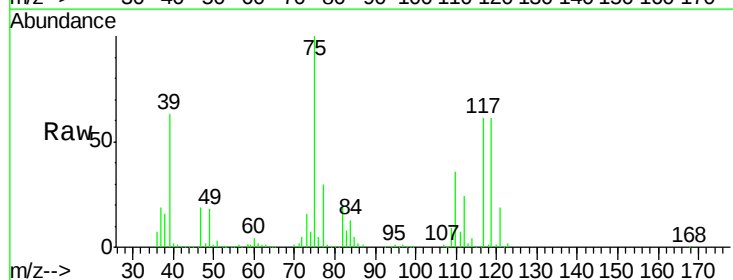
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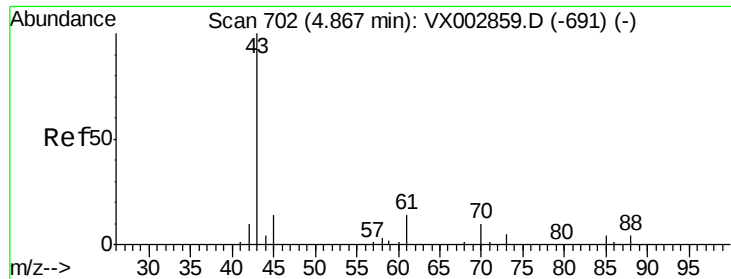
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#36
 1,1-Dichloropropene
 Concen: 49.51 ug/l
 RT: 5.81 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	176361		
110	36.5	18.1	54.4	
77	30.8	24.3	36.5	





#37

Ethyl Acetate

Concen: 53.99 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

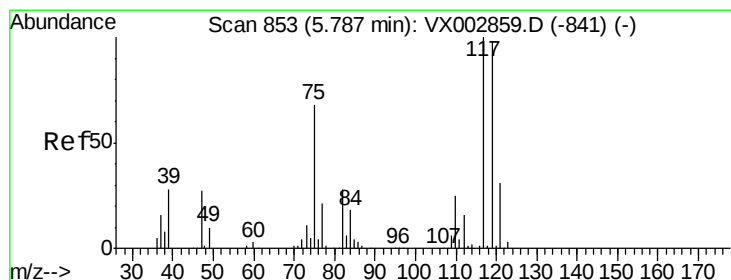
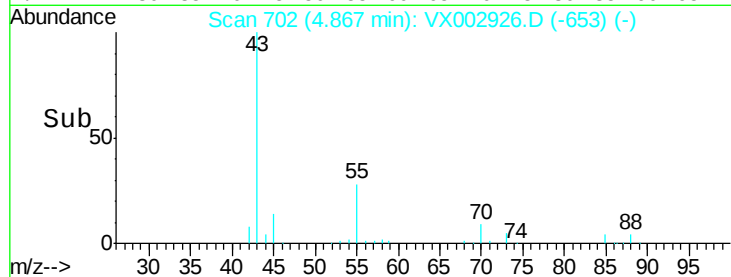
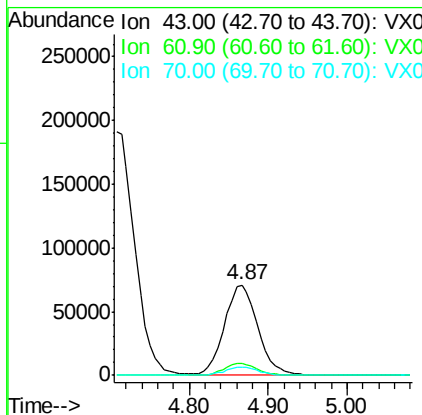
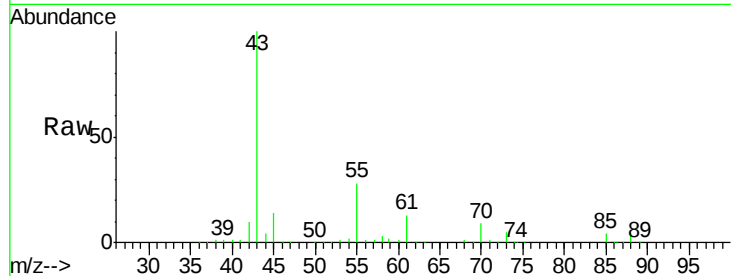
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	207062
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.6	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 50.78 ug/l

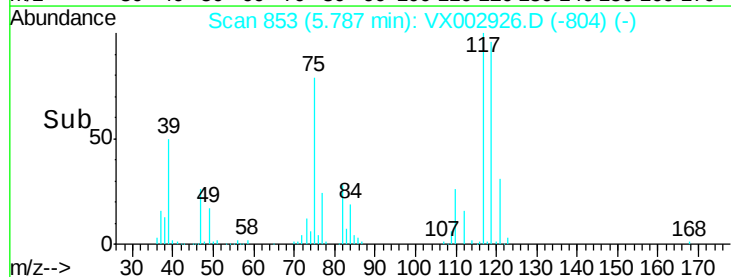
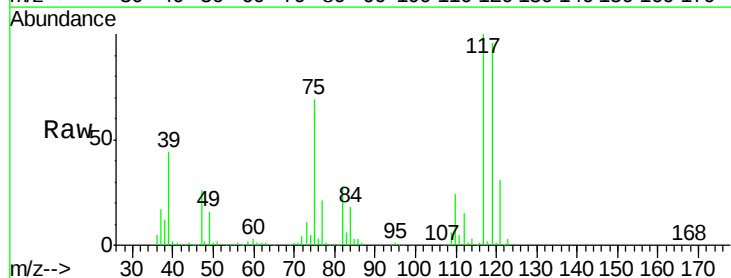
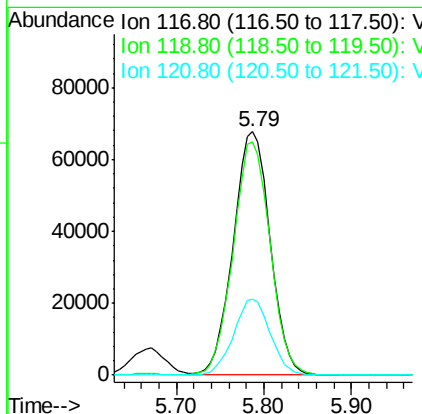
RT: 5.79 min Scan# 853

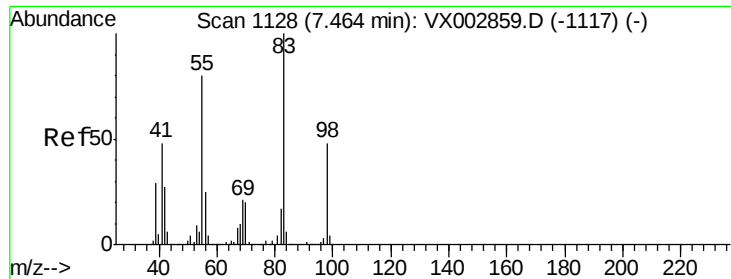
Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	117	Resp:	198465
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
121	31.4	24.4	36.6





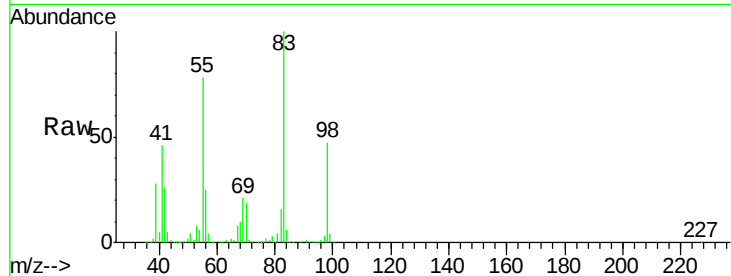
#39
Methvlcvclohexane
Concen: 50.10 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

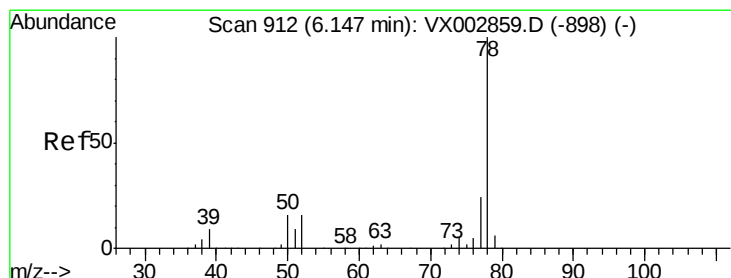
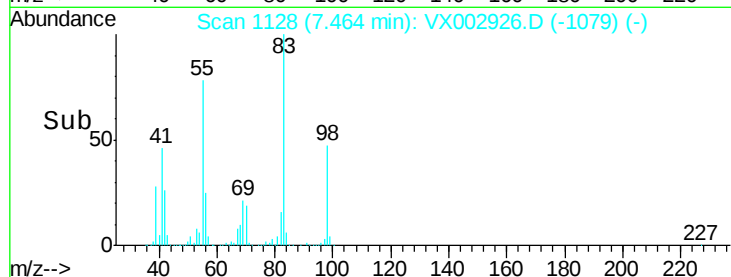
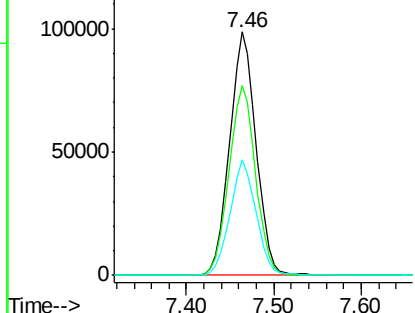
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	65.4	98.0
98	47.4	37.4	56.0

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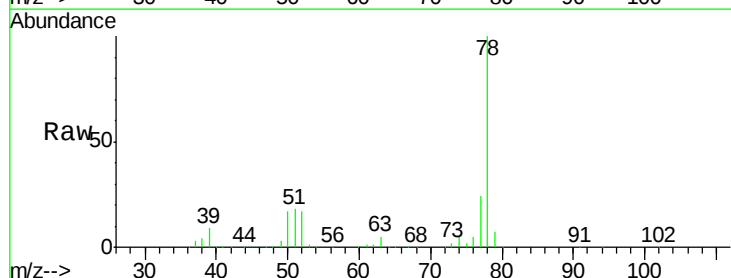


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

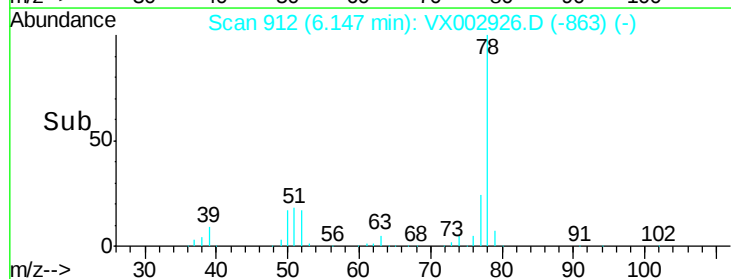
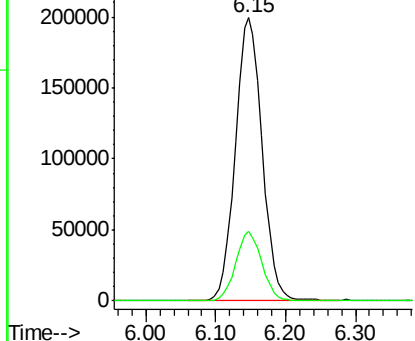


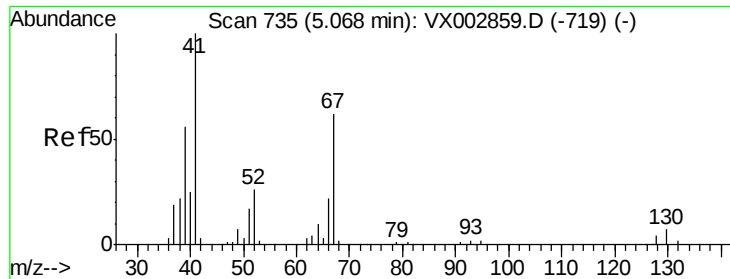
#40
Benzene
Concen: 51.11 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





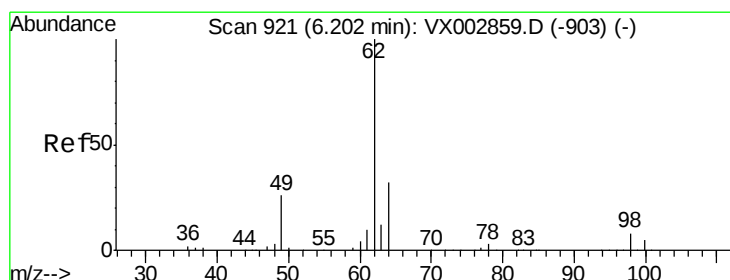
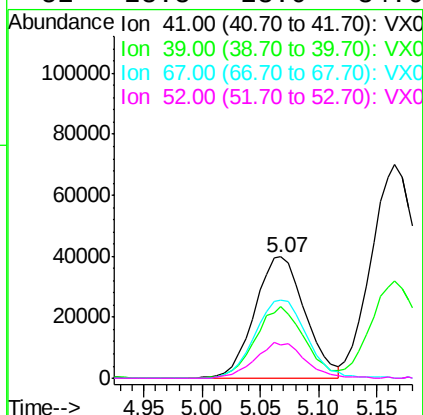
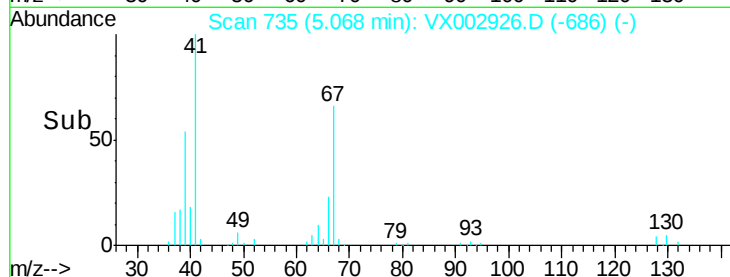
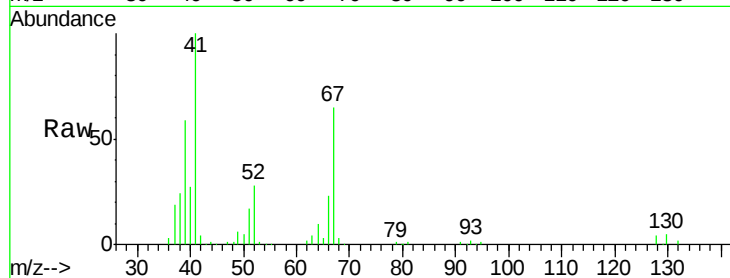
#41
Methacrylonitrile
Concen: 53.63 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.4	45.8	68.6	
67	66.8	51.3	76.9	
52	28.8	23.0	34.6	

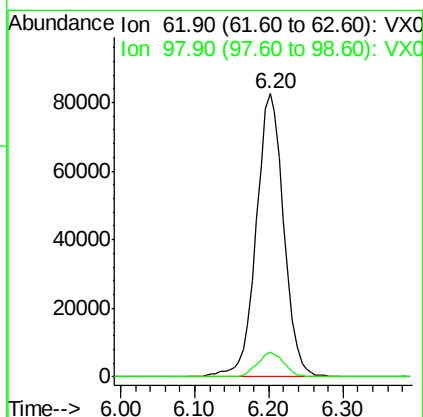
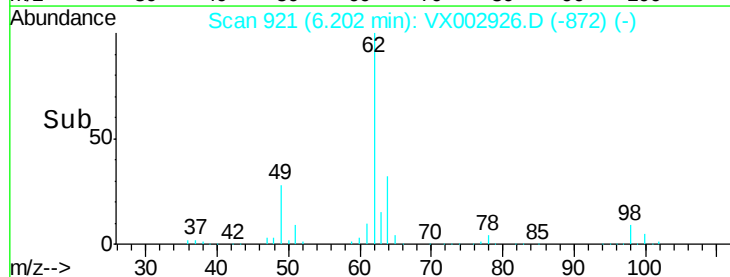
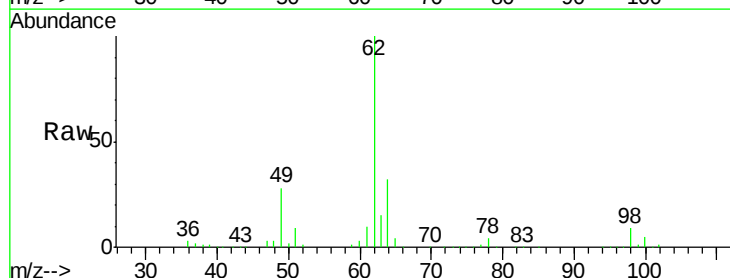
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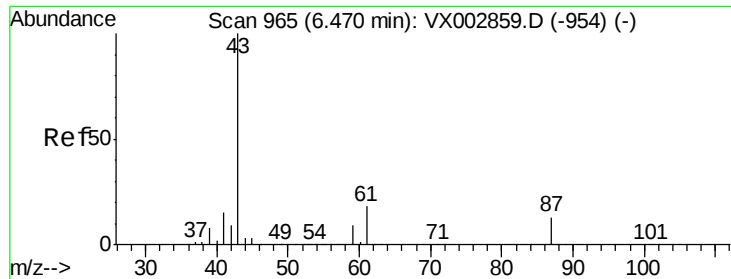
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#42
1,2-Dichloroethane
Concen: 51.24 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





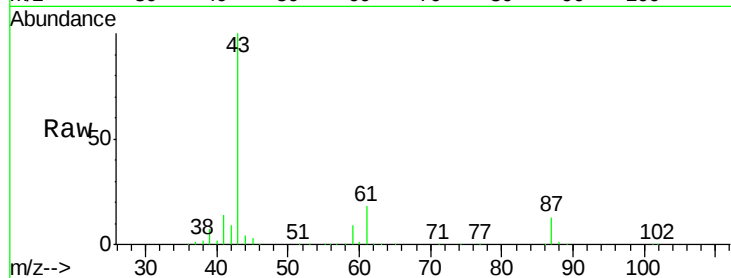
#43
Isopropyl Acetate
Concen: 52.62 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

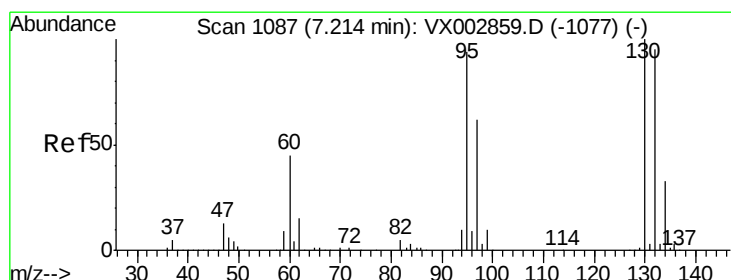
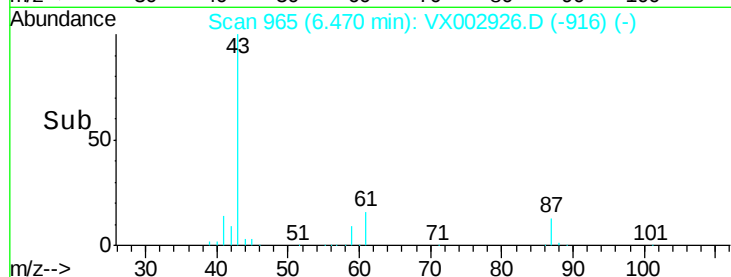
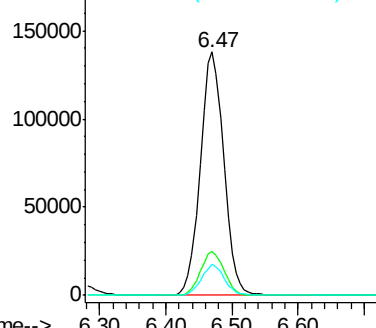
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.5	9.5	14.3

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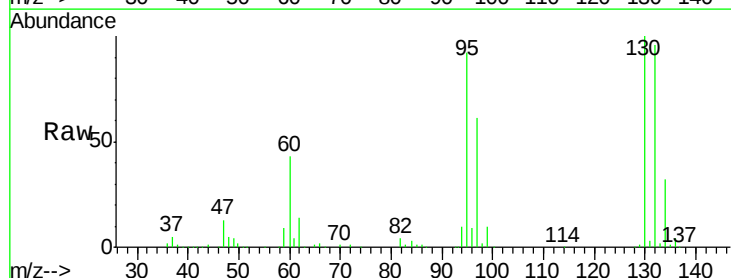


Abundance Ion 43.00 (42.70 to 43.70): VX002859.D (-954) (-)

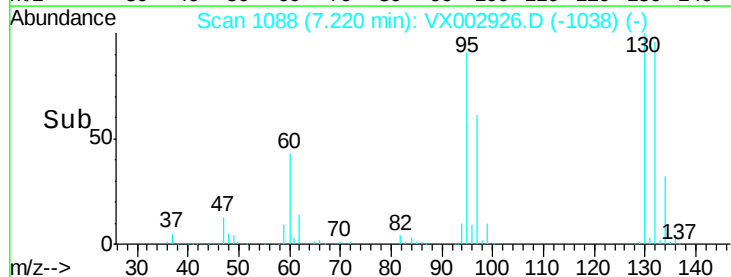
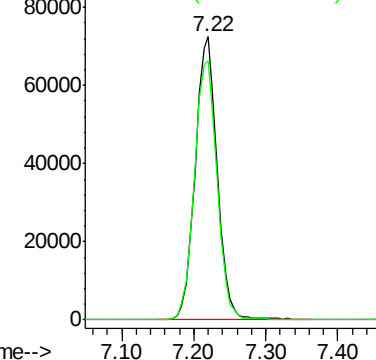


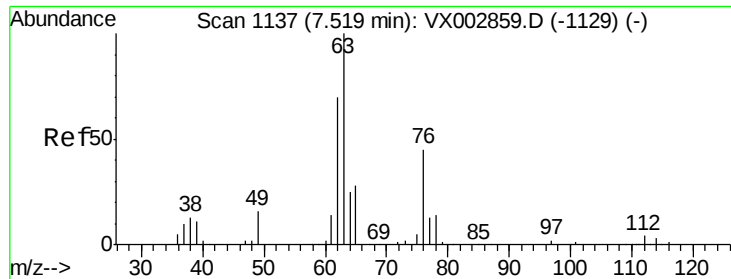
#44
Trichloroethene
Concen: 50.02 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002859.D (-1077) (-)





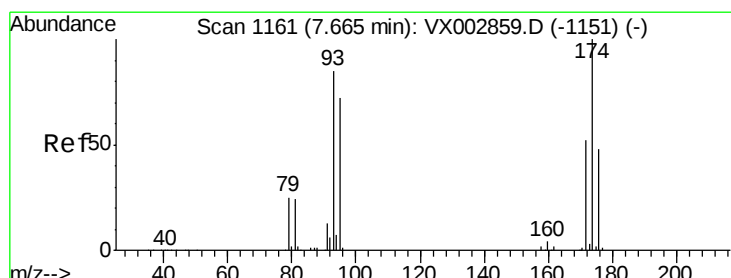
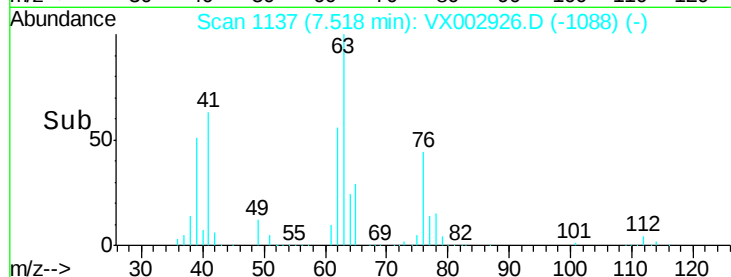
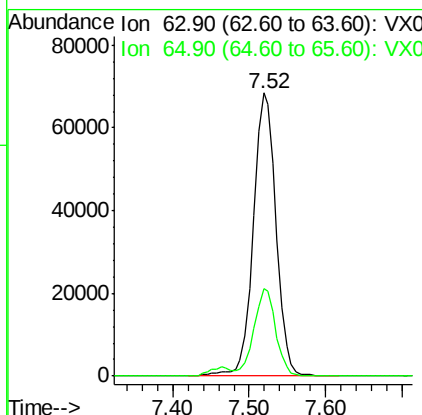
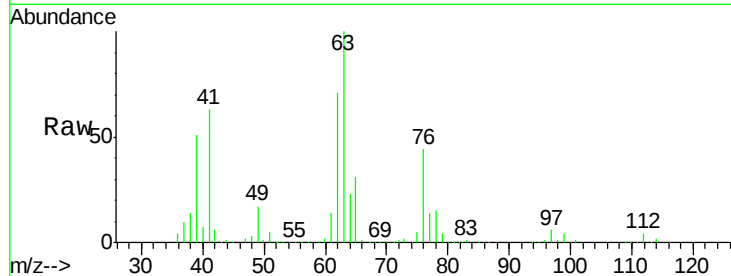
#45
 1,2-Dichloropropane
 Concen: 51.67 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 141855
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

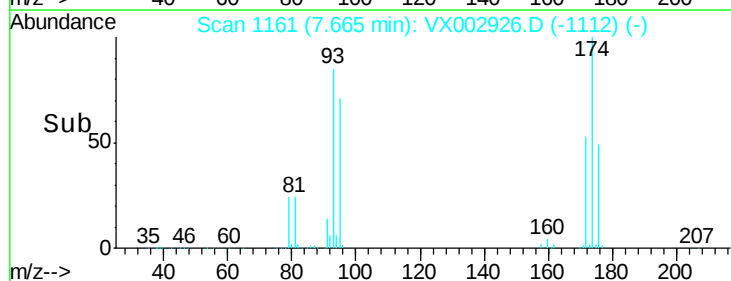
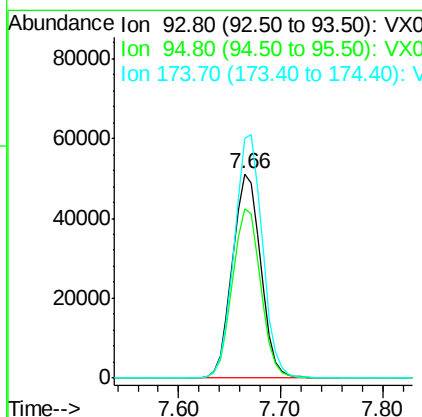
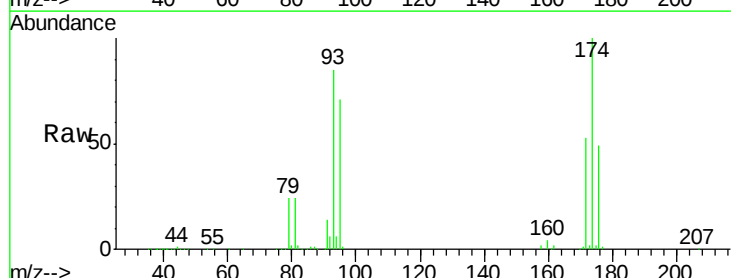
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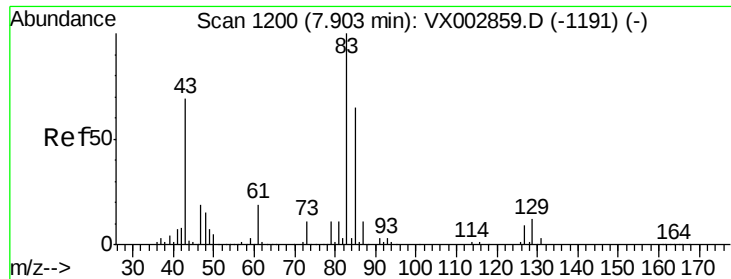
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#46
 Dibromomethane
 Concen: 51.55 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion: 93 Resp: 98206
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 118.3 92.4 138.6





#47

Bromodichloromethane

Concen: 53.65 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

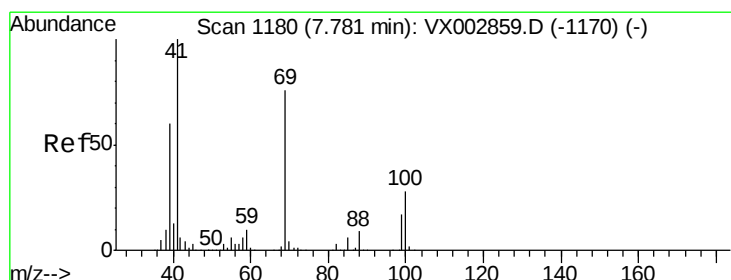
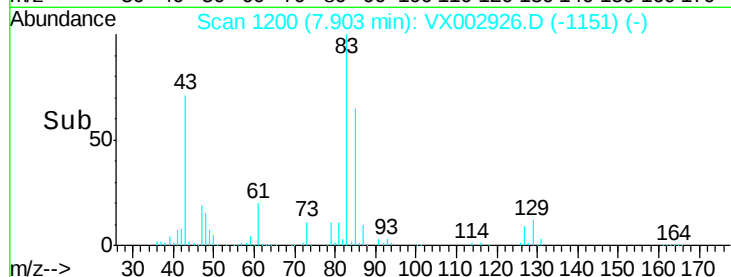
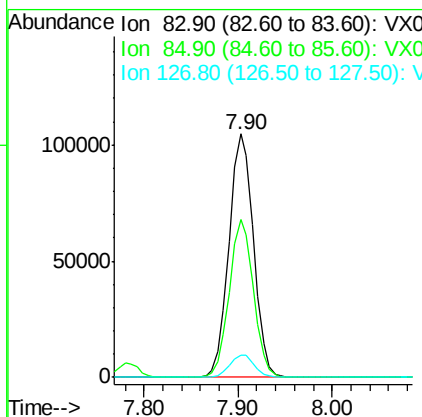
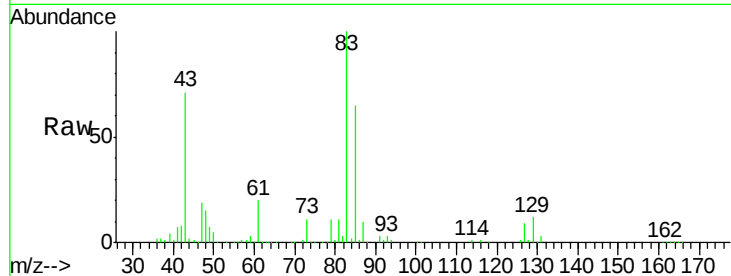
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	188941
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.3	75.5
127	9.1	7.0	10.4

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#48

Methyl methacrylate

Concen: 54.24 ug/l

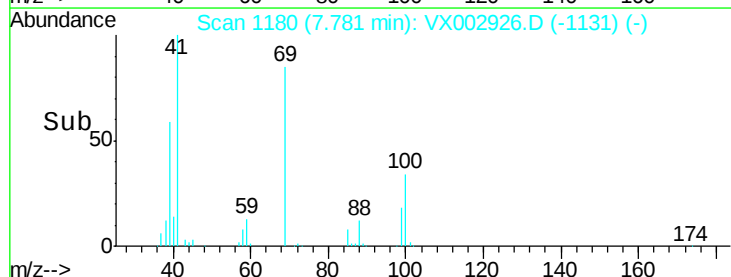
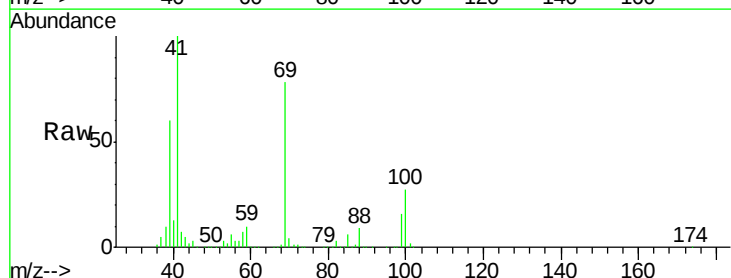
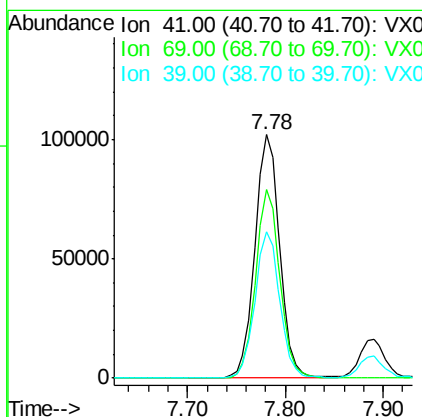
RT: 7.78 min Scan# 1180

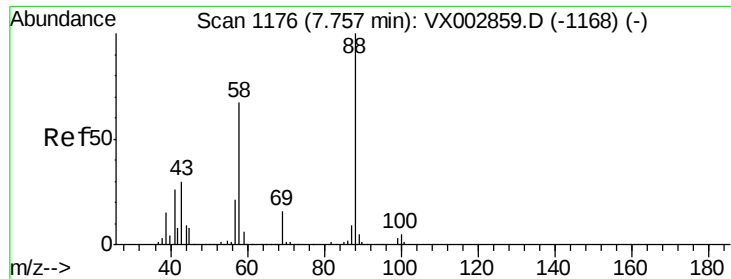
Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	41	Resp:	179748
Ion Ratio	Lower	Upper	
41	100		
69	76.3	59.1	88.7
39	60.2	48.9	73.3





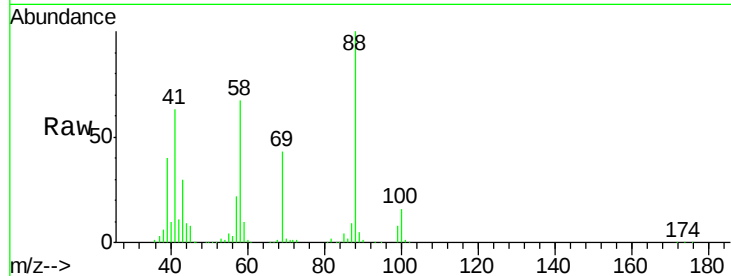
#49
 1,4-Dioxane
 Concen: 1145.70 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

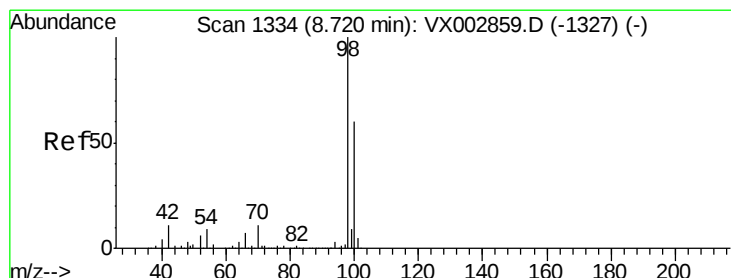
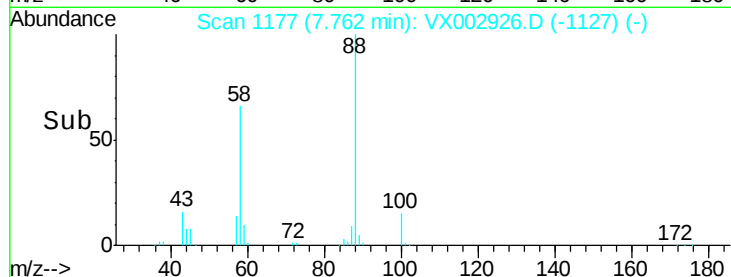
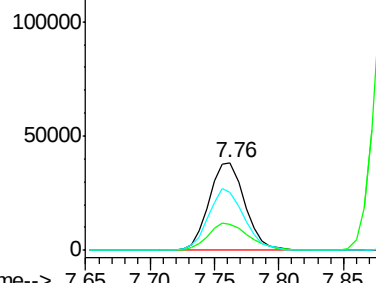
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.8	44.6
58	70.2	57.1	85.7

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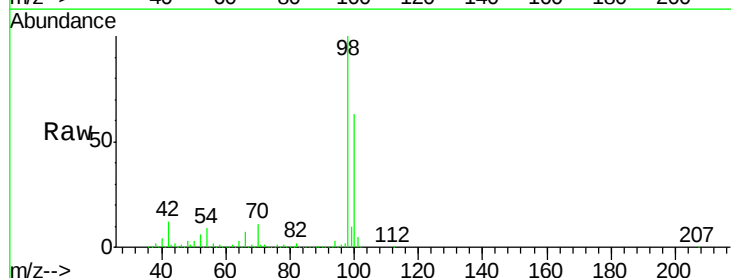


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

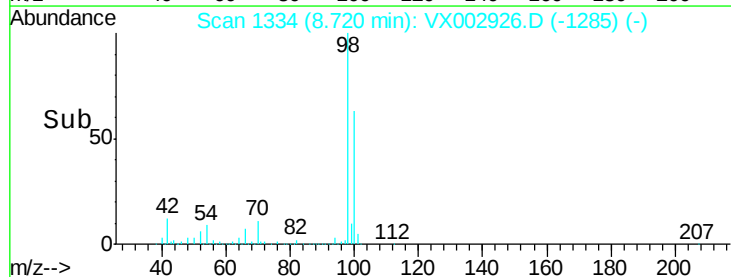
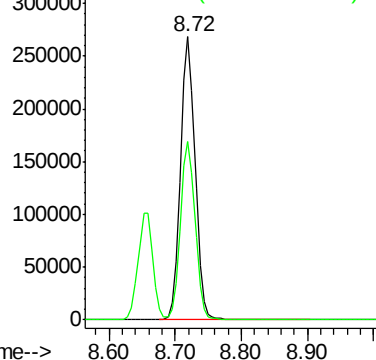


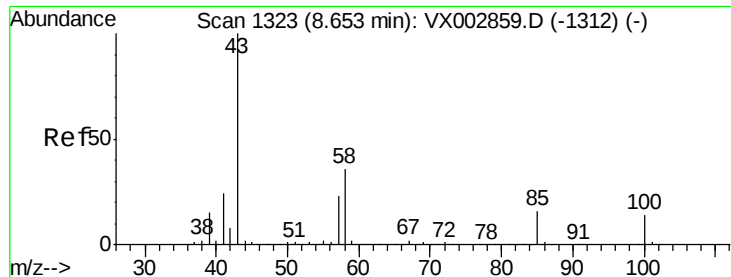
#50
 Toluene-d8
 Concen: 43.91 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 281.07 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1131041

Ion Ratio Lower Upper

43 100

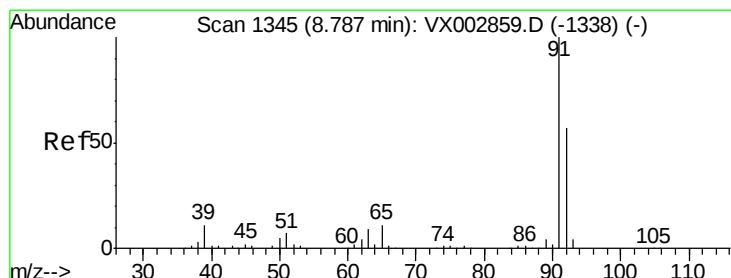
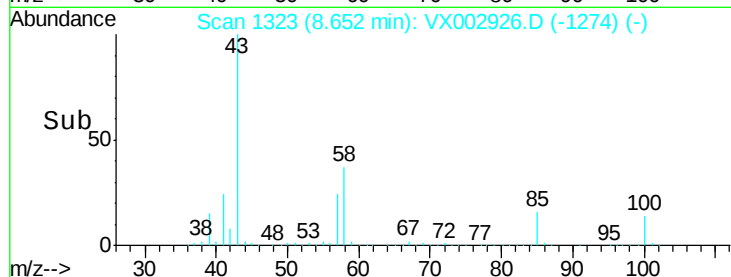
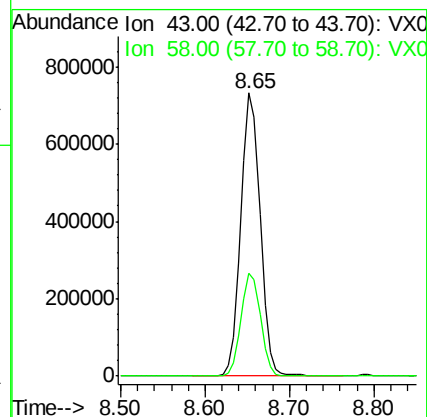
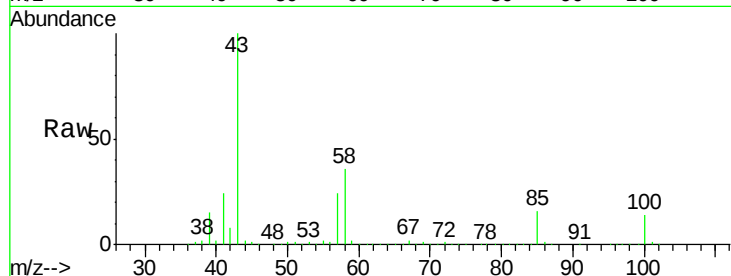
58 36.5 28.6 42.8

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#52

Toluene

Concen: 52.45 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002926.D

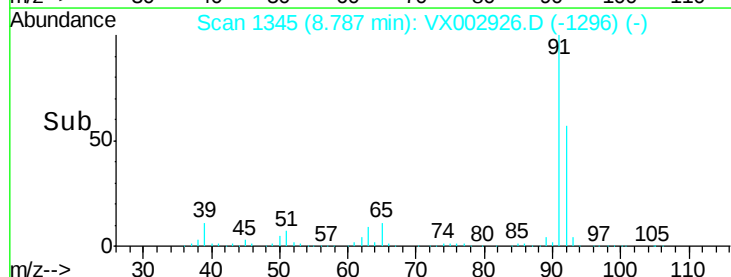
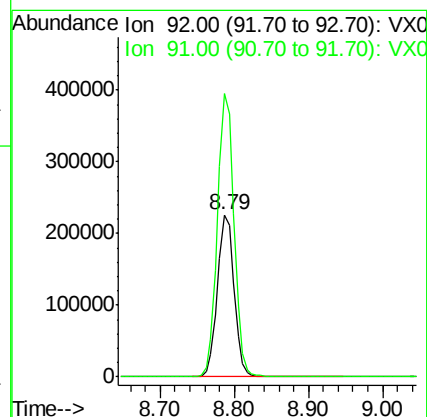
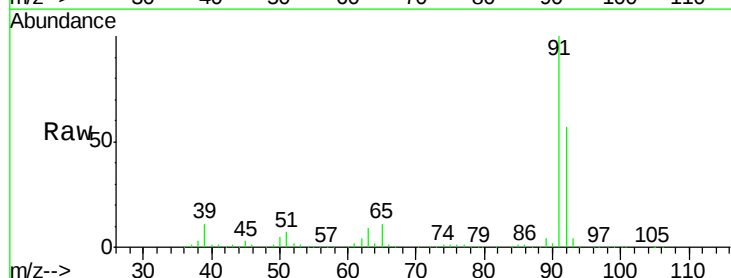
Acq: 27 Jun 2018 06:20

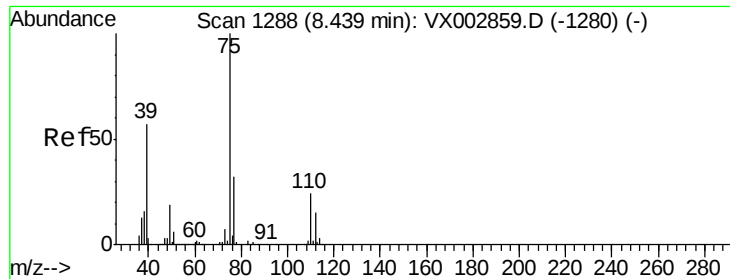
Tgt Ion: 92 Resp: 347721

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 50.43 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 201160

Ion Ratio Lower Upper

75 100

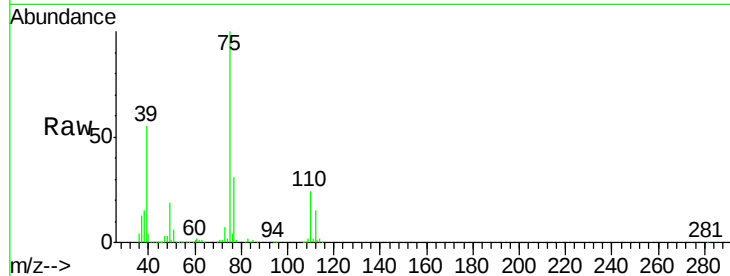
77 31.2 25.4 38.2

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

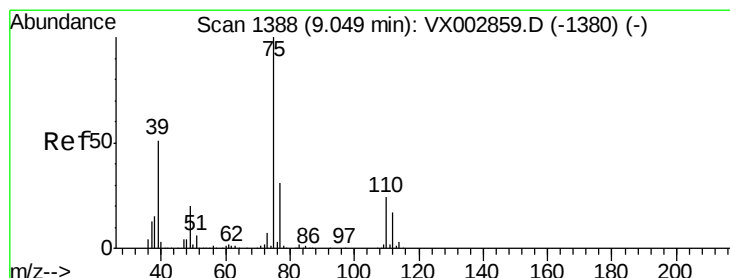
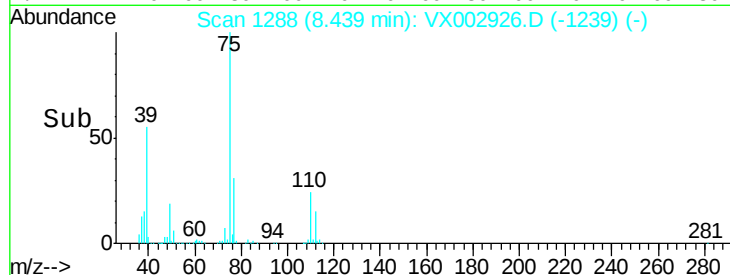
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.80 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

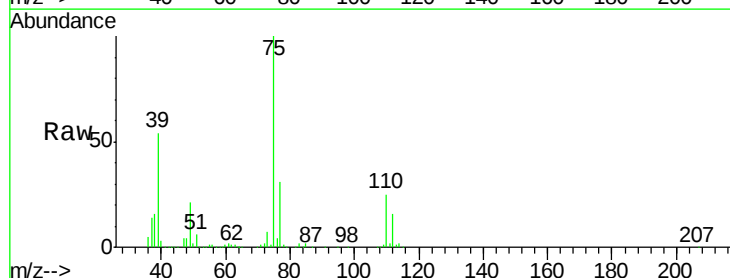
Tgt Ion: 75 Resp: 187306

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 53.9 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

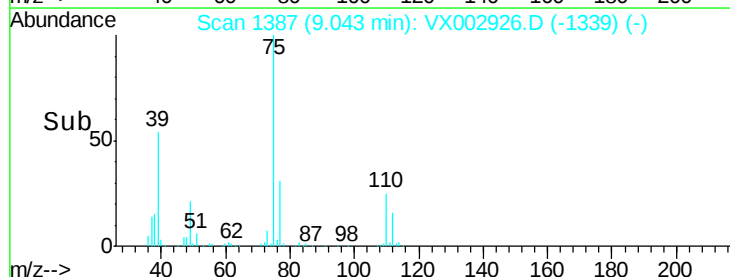
150000

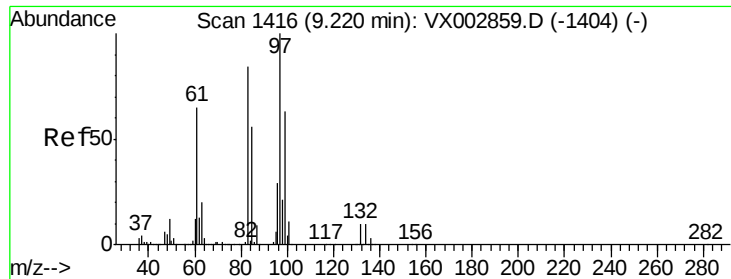
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50000

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Time-->





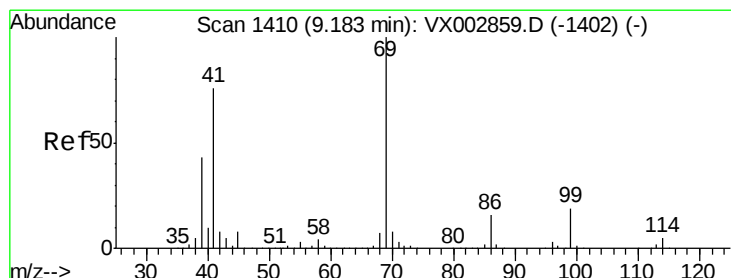
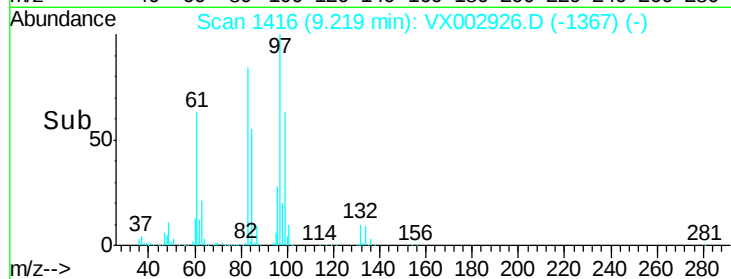
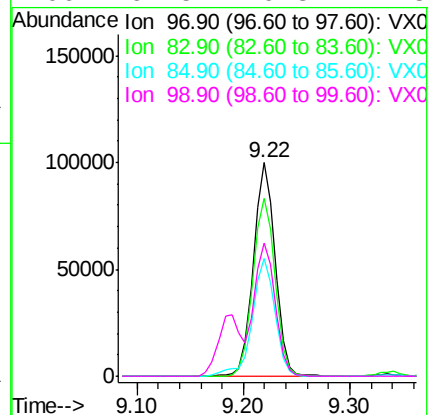
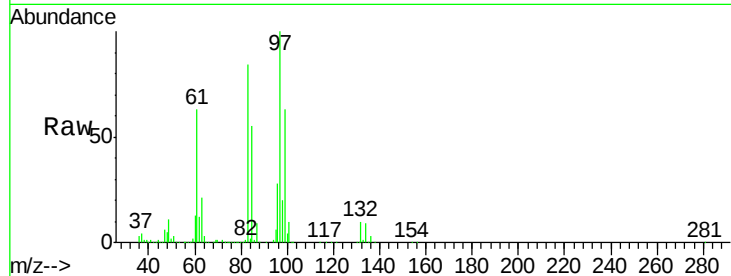
#55
 1,1,2-Trichloroethane
 Concen: 52.79 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		143804		
83	83.6	70.2	105.2		
85	55.2	44.9	67.3		
99	62.5	49.8	74.8		

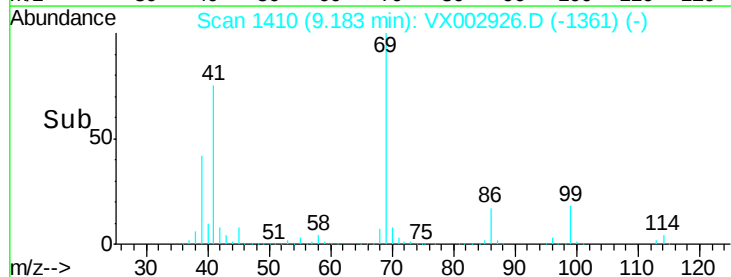
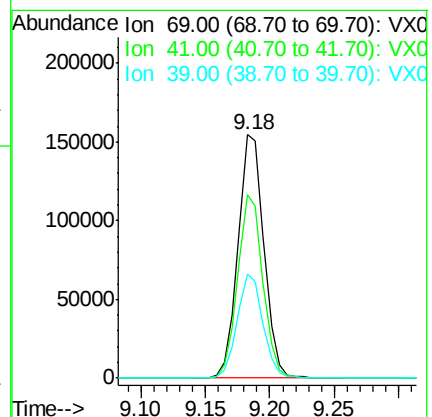
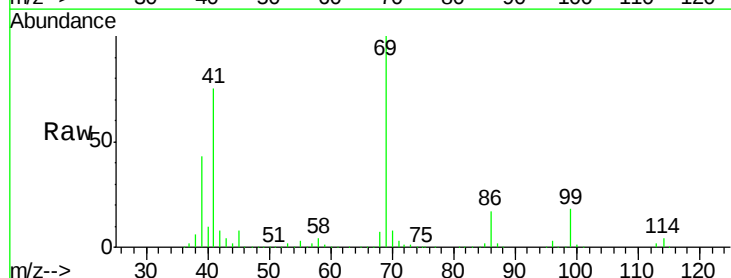
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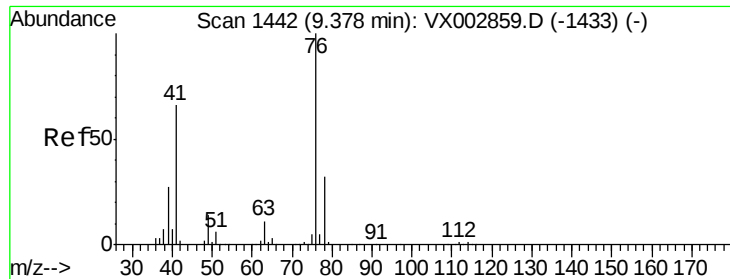
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#56
 Ethyl methacrylate
 Concen: 54.52 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		217092		
41	73.1	60.3	90.5		
39	42.2	35.8	53.8		





#57

1,3-Dichloropropane

Concen: 52.92 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 236780

Ion Ratio Lower Upper

76 100

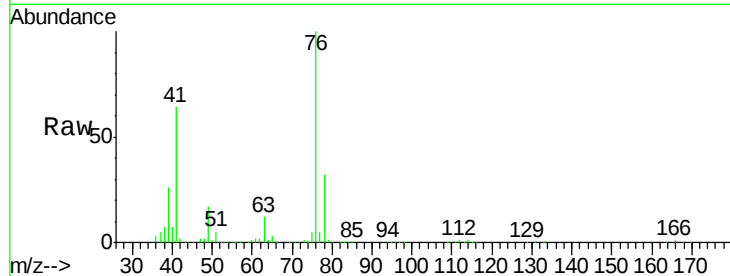
78 32.0 25.8 38.6

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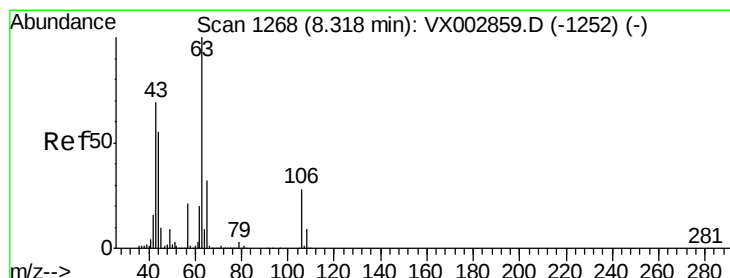
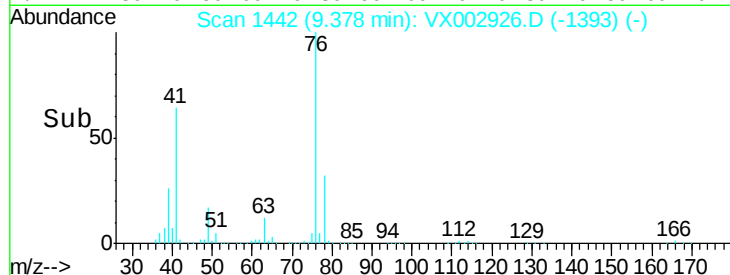
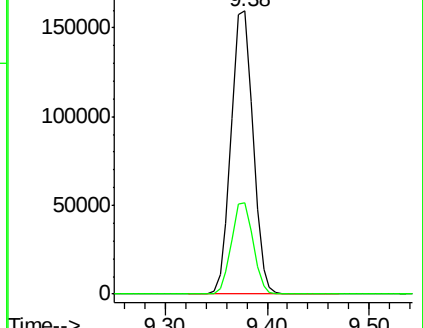
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 278.62 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002926.D

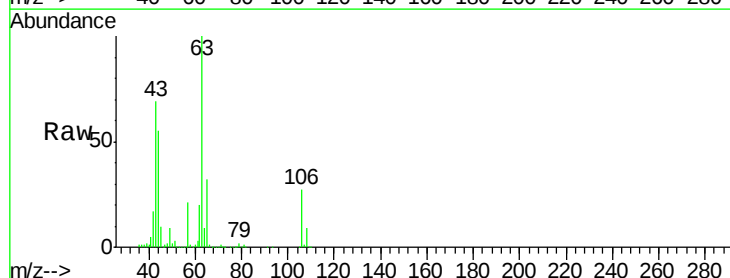
Acq: 27 Jun 2018 06:20

Tgt Ion: 63 Resp: 535185

Ion Ratio Lower Upper

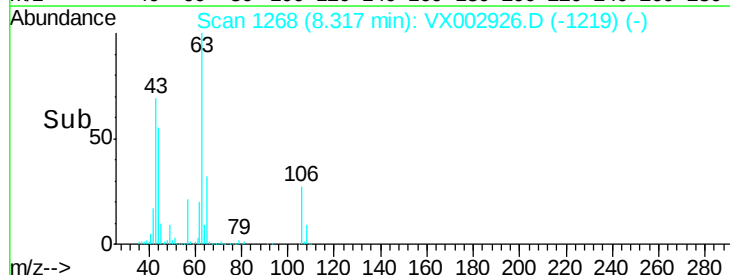
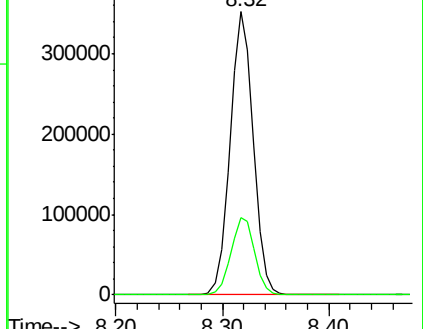
63 100

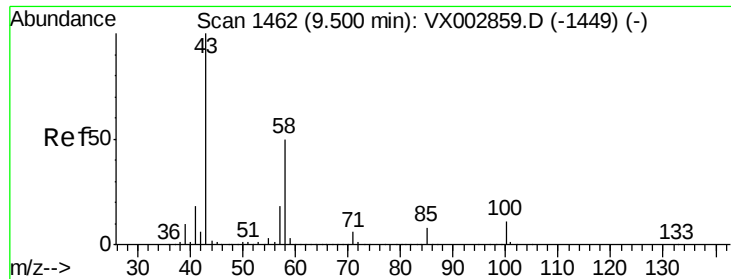
106 28.1 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





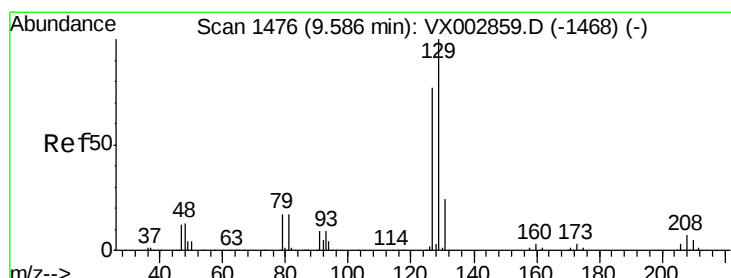
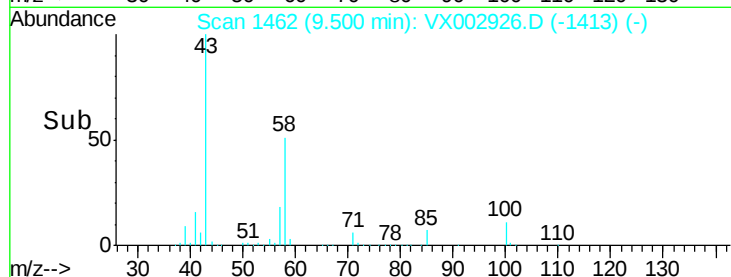
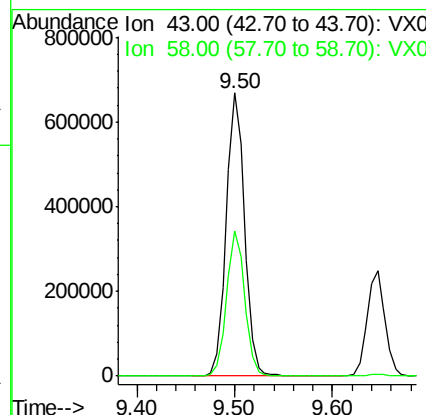
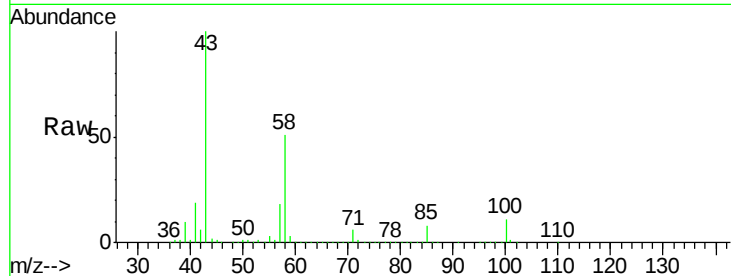
#59
2-Hexanone
Concen: 284.45 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 869937
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6

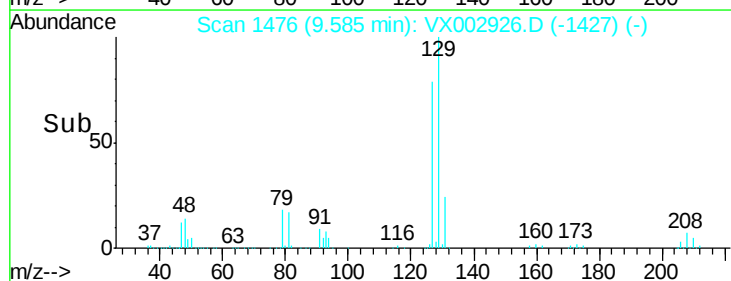
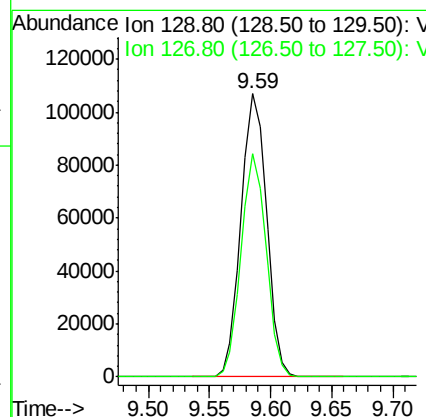
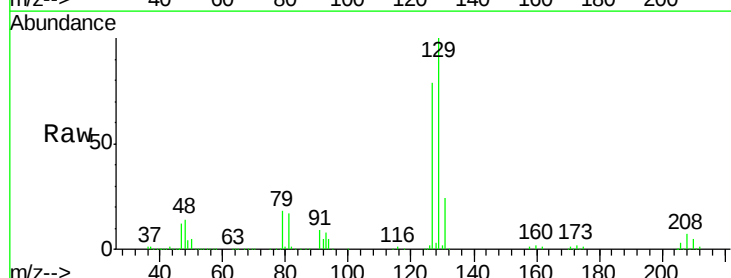
Manual Integrations
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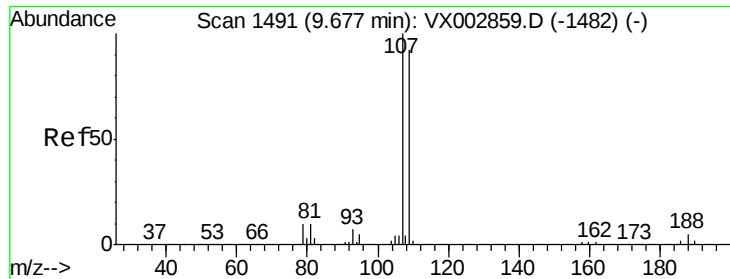
apatel
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#60
Dibromochloromethane
Concen: 54.28 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion: 129 Resp: 155683
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.36 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 152489

Ion Ratio Lower Upper

107 100

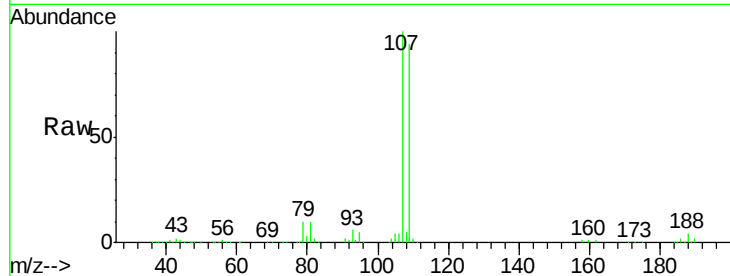
109 94.5 75.3 112.9

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

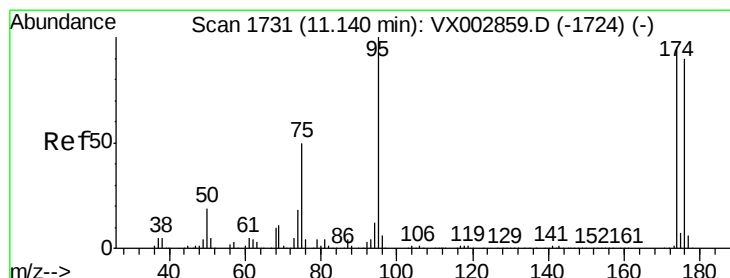
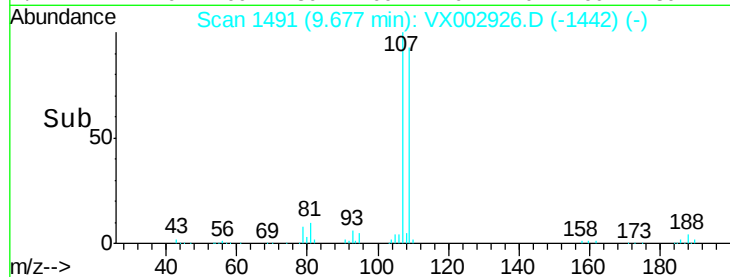
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

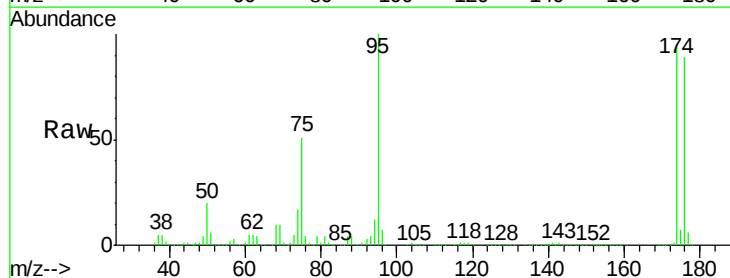
Tgt Ion: 95 Resp: 161166

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

176 93.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

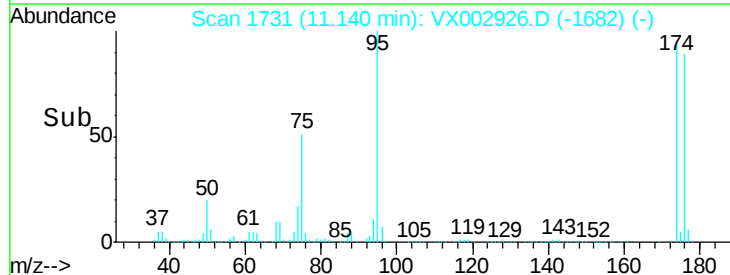
150000

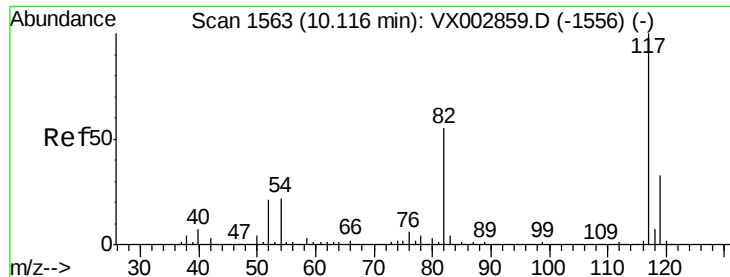
100000

50000

0

Time-->





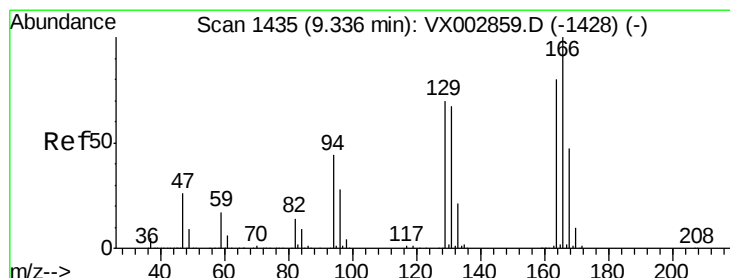
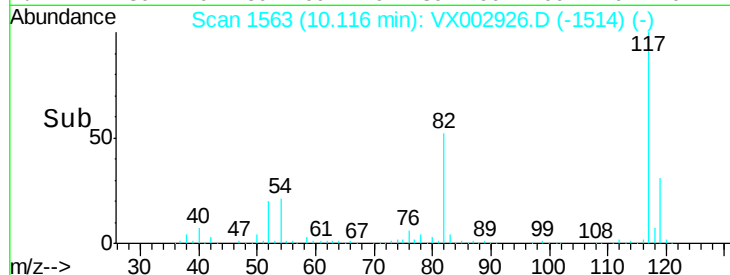
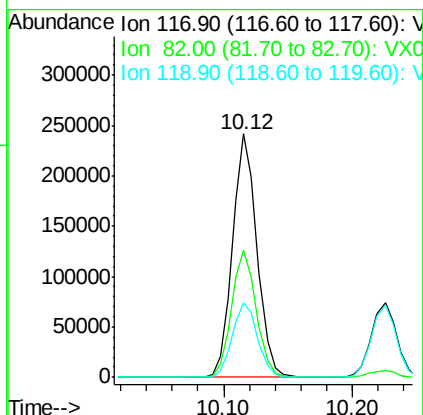
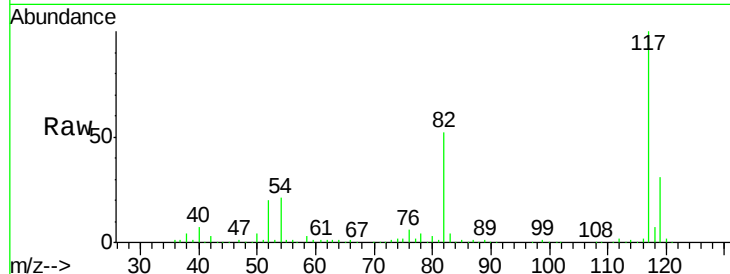
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.0	67.4
119	30.7	25.8	38.6

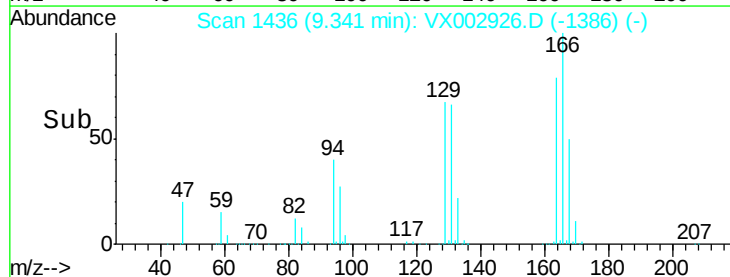
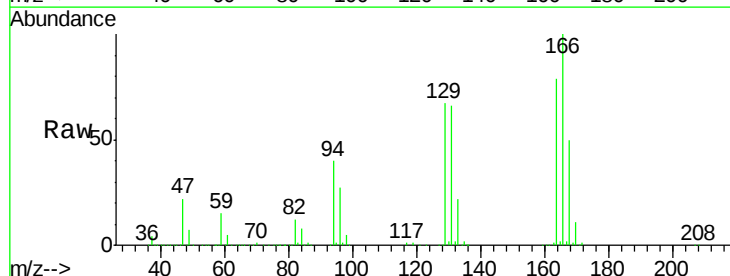
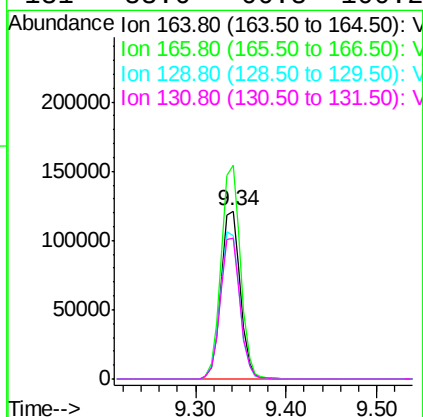
Manual Integrations
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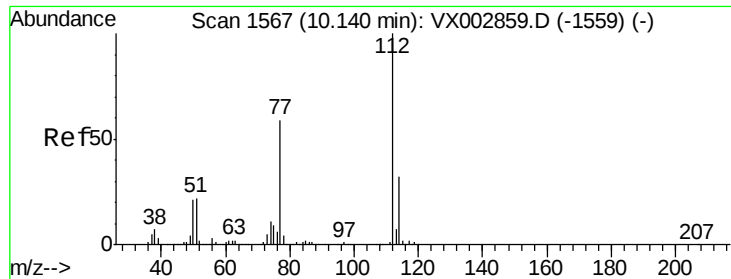
apatel
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#64
Tetrachloroethene
Concen: 50.62 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.9	154.3
129	85.0	68.6	102.8
131	83.6	66.8	100.2





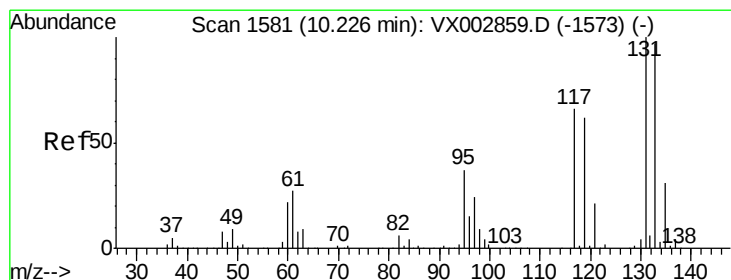
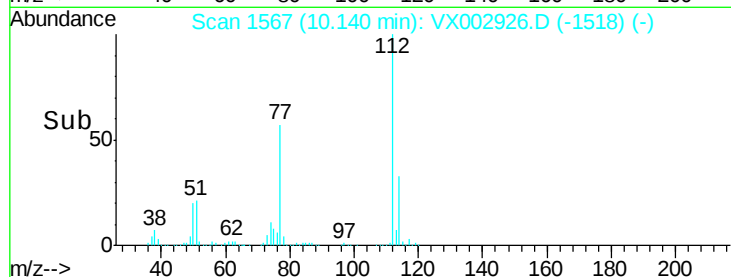
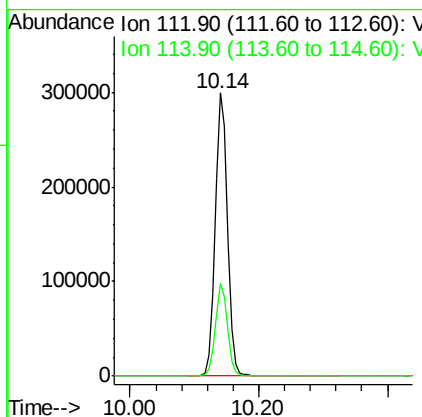
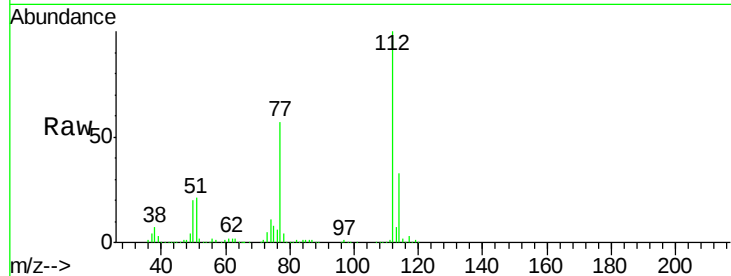
#65
Chlorobenzene
Concen: 49.55 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 402182
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

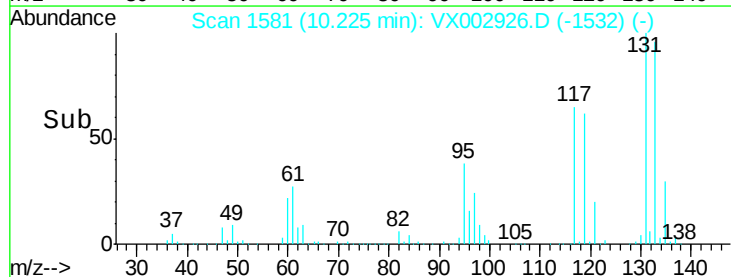
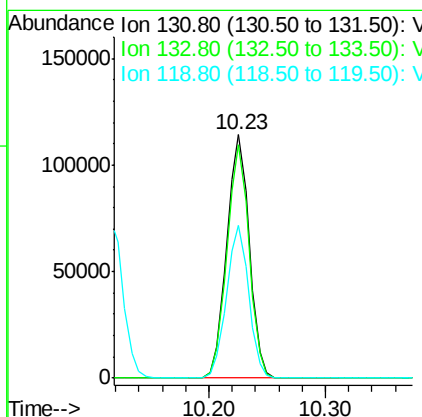
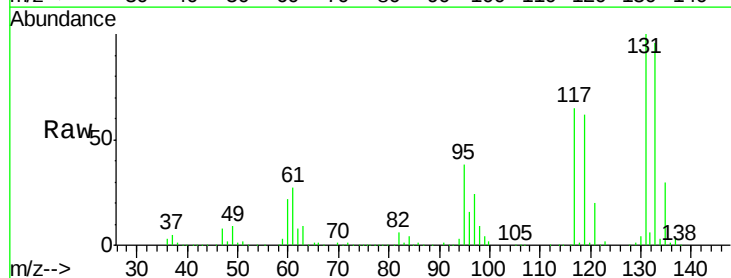
Manual Integrations
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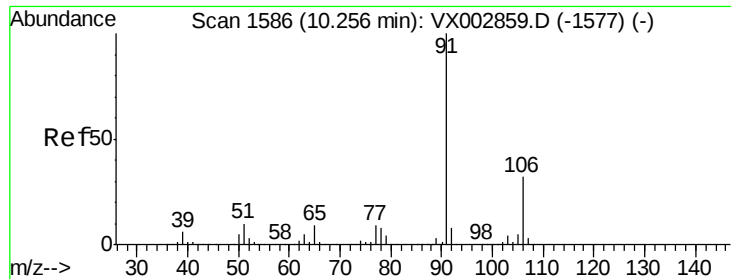
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.94 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion:131 Resp: 153139
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.6
119 61.9 31.8 95.3





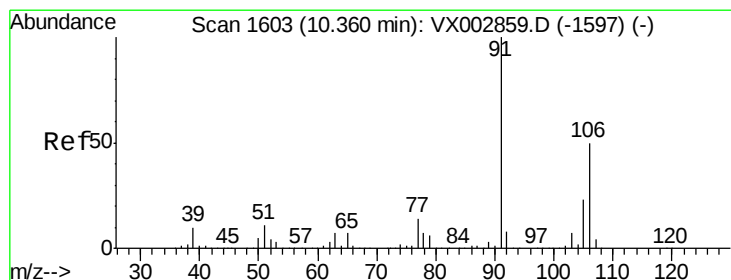
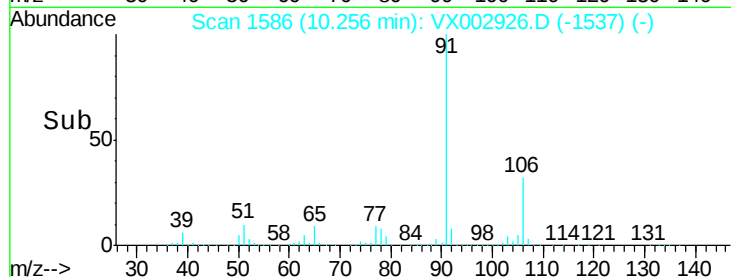
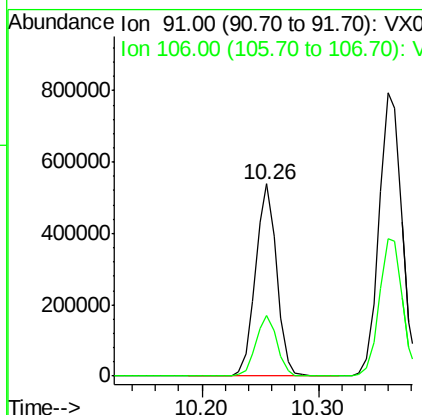
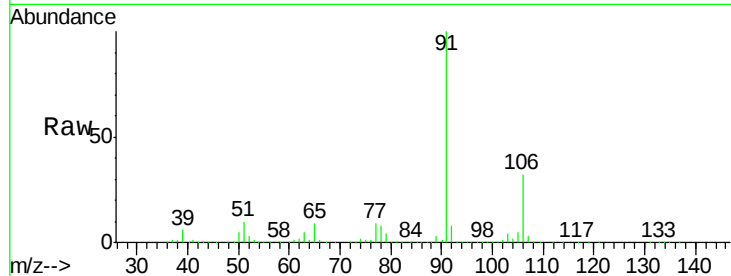
#67
Ethyl Benzene
Concen: 50.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 683383
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

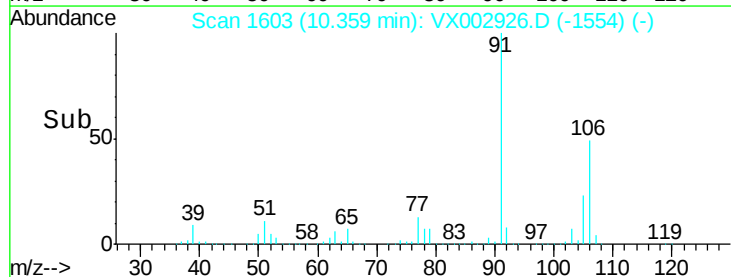
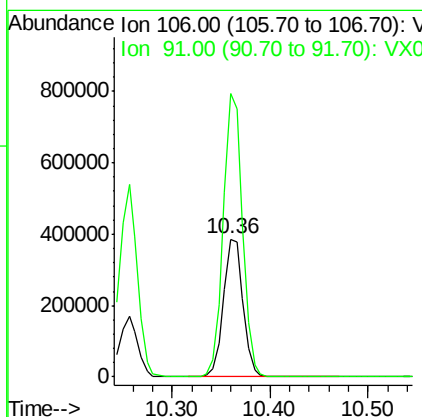
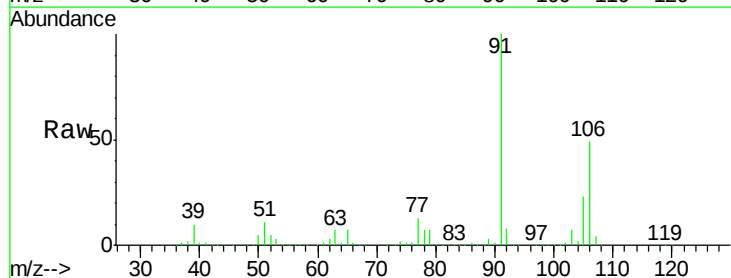
Manual Integrations
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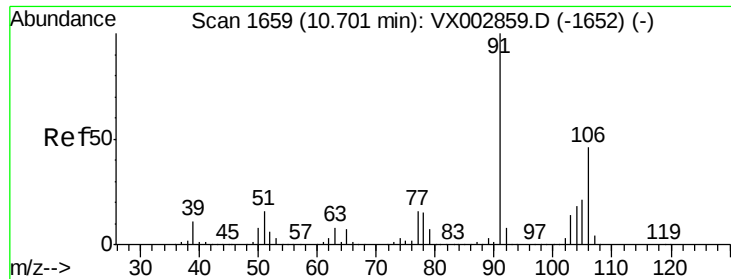
apatel
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#68
m/p-Xylenes
Concen: 103.15 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion: 106 Resp: 533066
Ion Ratio Lower Upper
106 100
91 202.9 163.4 245.2





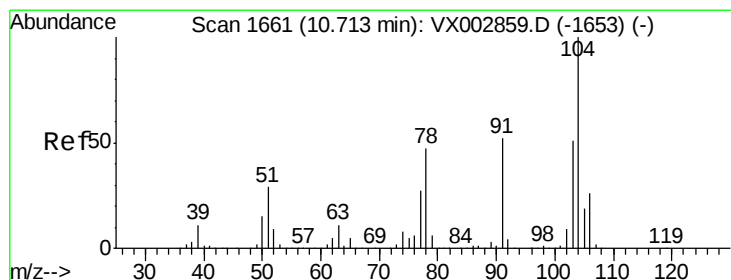
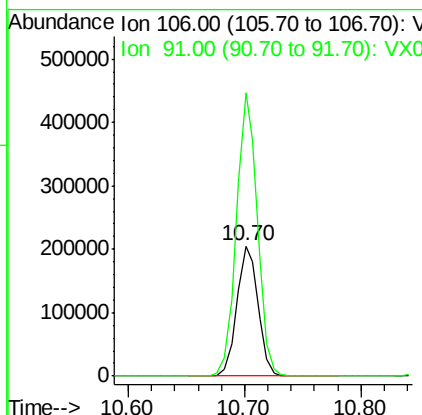
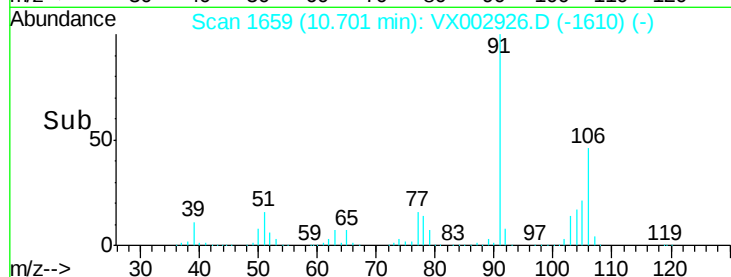
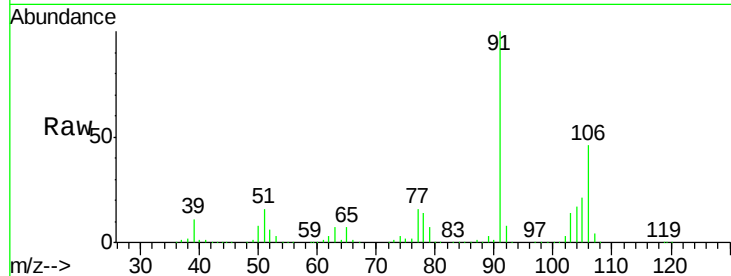
#69
o-Xylene
Concen: 51.78 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 260541
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6

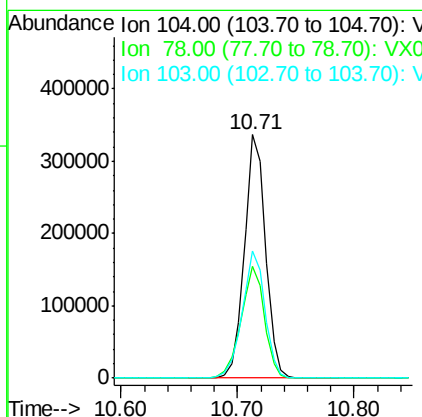
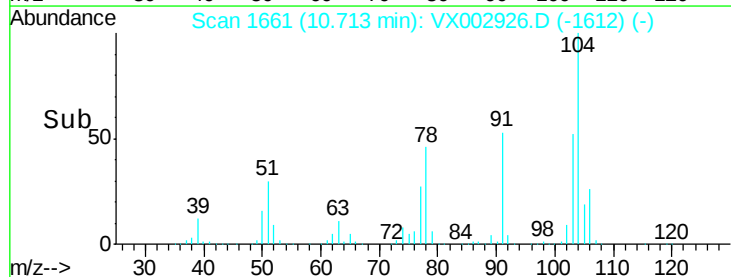
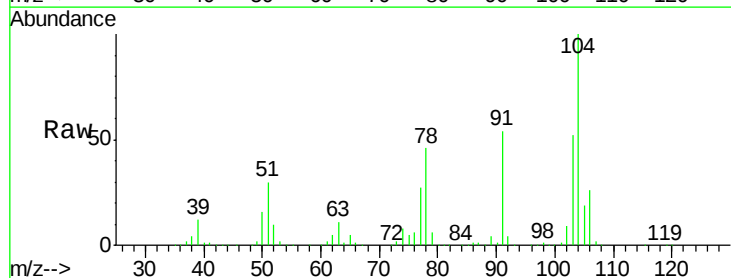
Manual Integrations
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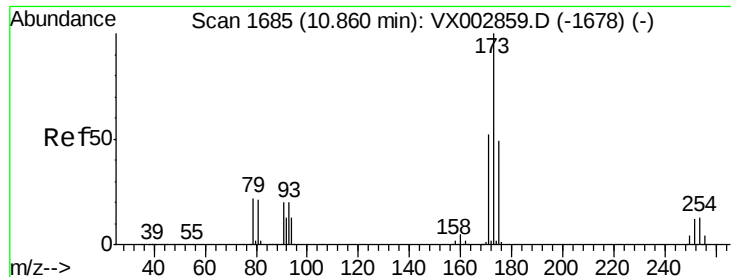
apatel
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#70
Styrene
Concen: 52.50 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion:104 Resp: 429220
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 55.9 44.2 66.4





#71

Bromoform

Concen: 46.32 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 122576

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

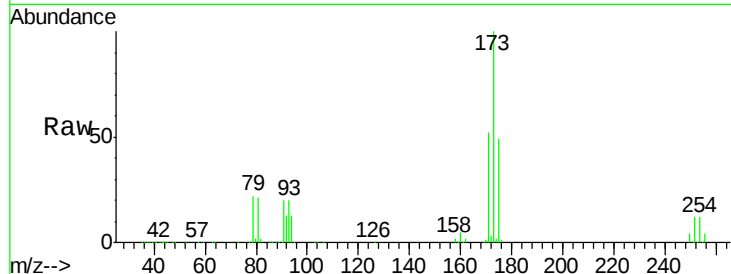
254 0.2 0.2 0.2

Manual Integrations

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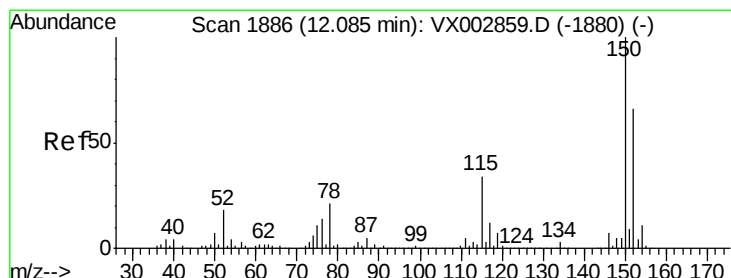
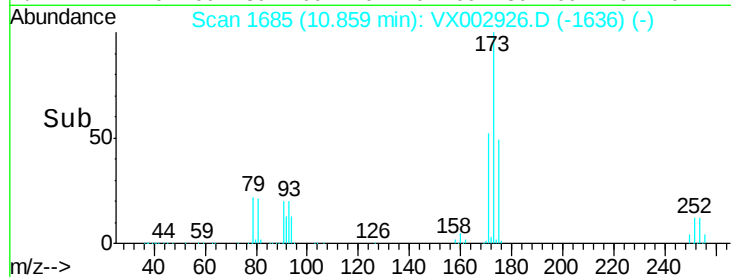
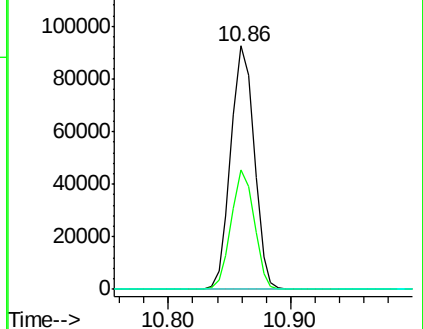
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

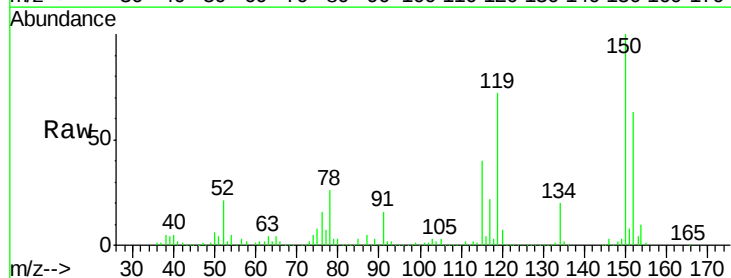
Tgt Ion:152 Resp: 199579

Ion Ratio Lower Upper

152 100

115 79.4 40.1 120.2

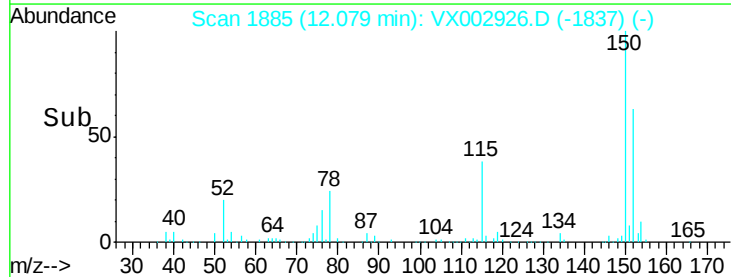
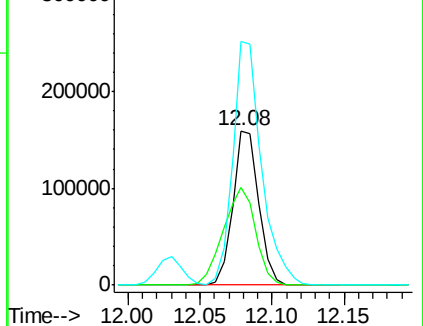
150 175.7 0.0 347.2

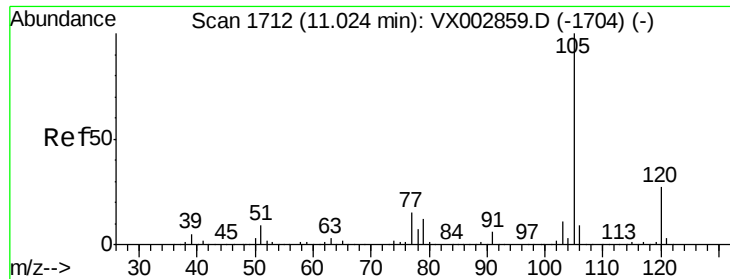


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.67 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 720554

Ion Ratio Lower Upper

105 100

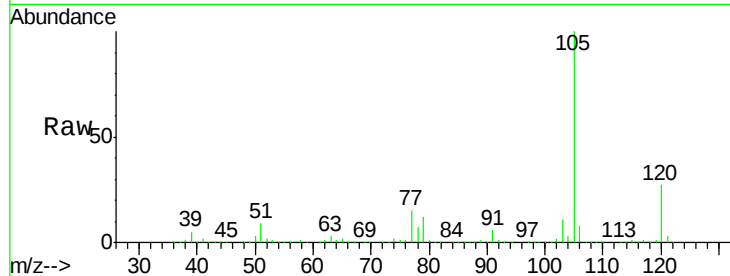
120 26.9 13.5 40.4

Manual Integrations

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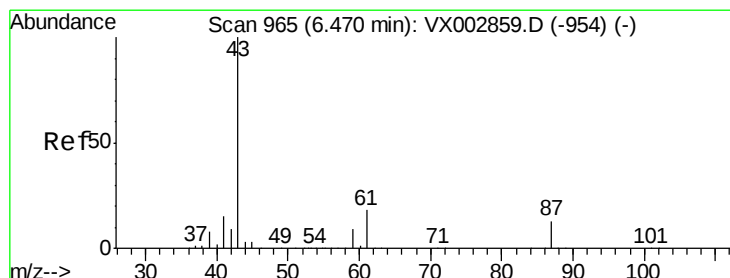
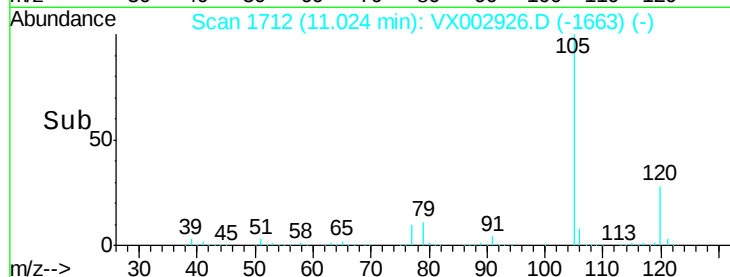
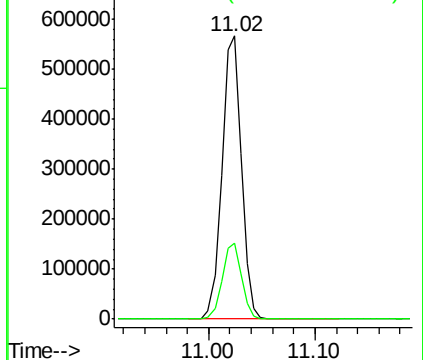
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.52 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion: 43 Resp: 338459

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

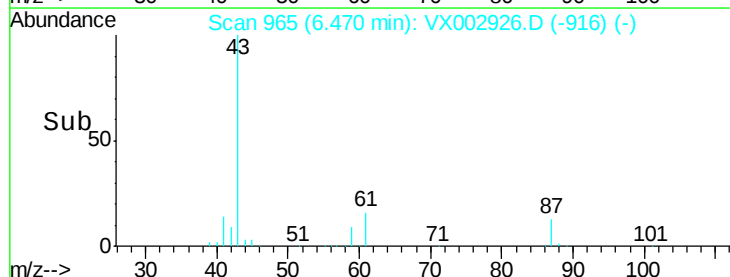
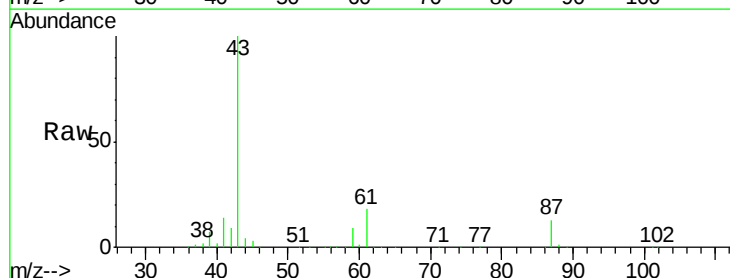
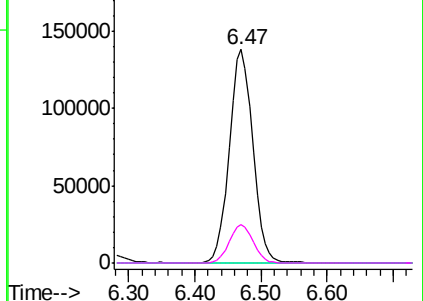
61 18.3 14.4 21.6

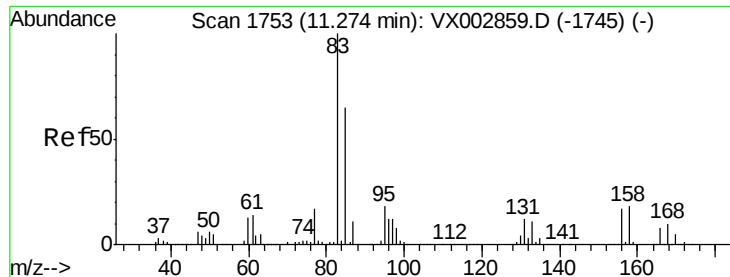
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.03 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 219320

Ion Ratio Lower Upper

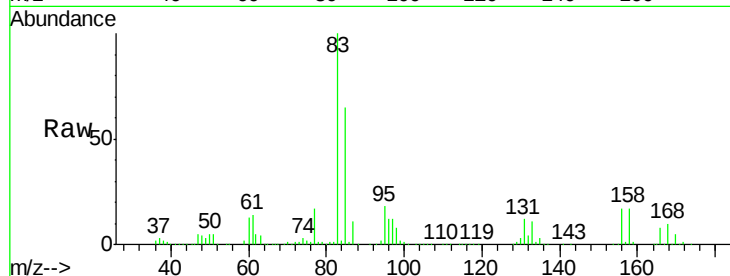
83 100

131 11.1 5.6 16.8

85 64.5 32.4 97.2

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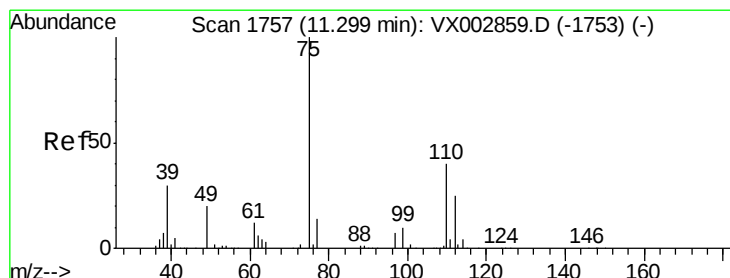
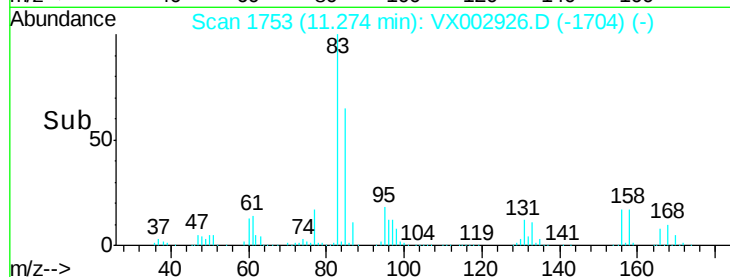
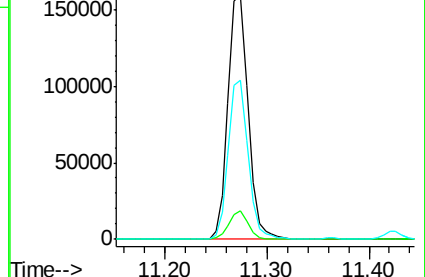
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.39 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002926.D

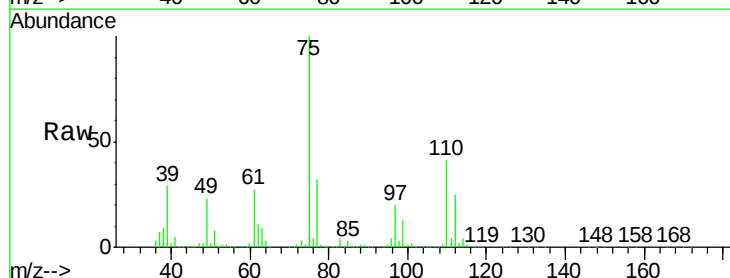
Acq: 27 Jun 2018 06:20

Tgt Ion: 75 Resp: 189400

Ion Ratio Lower Upper

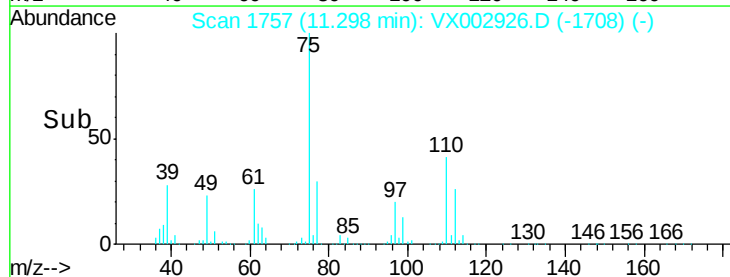
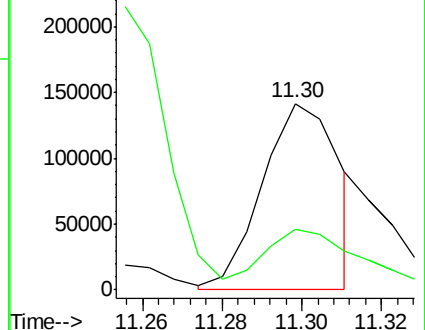
75 100

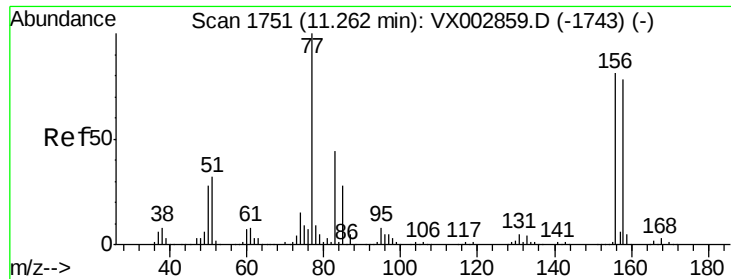
77 41.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.09 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

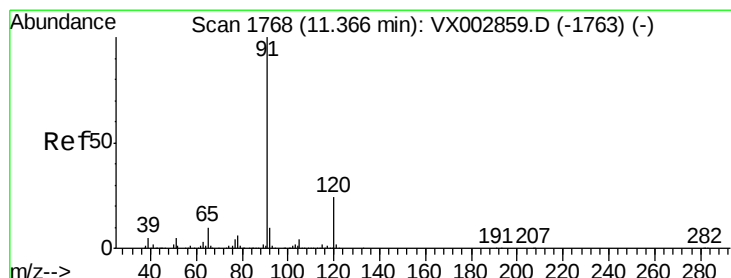
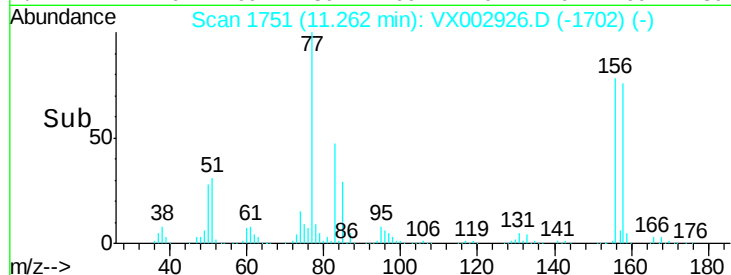
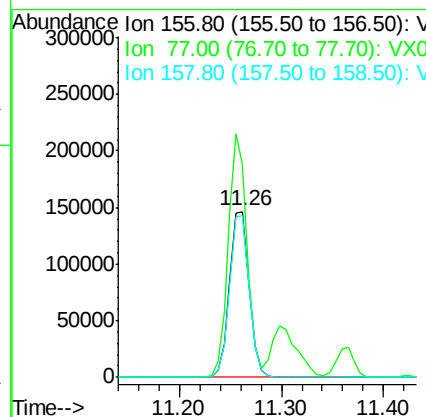
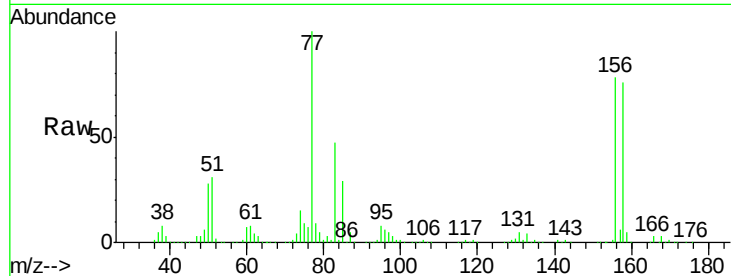
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	195347
Ion Ratio	Lower	Upper	
156	100		
77	139.8	71.4	214.2
158	96.9	48.9	146.6

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#78

n-propylbenzene

Concen: 53.43 ug/l

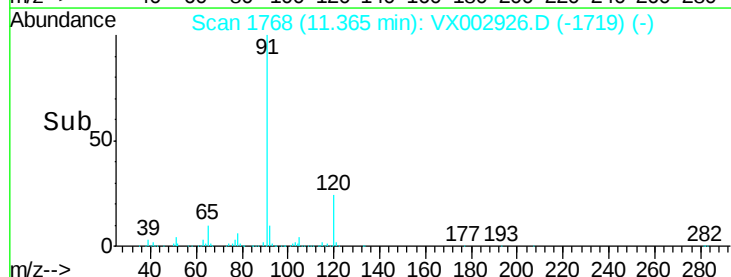
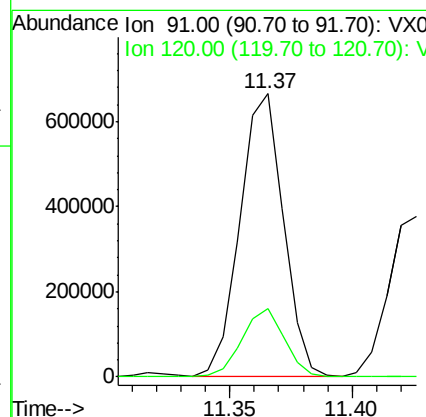
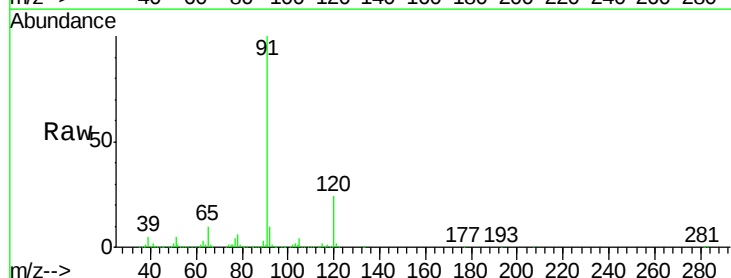
RT: 11.37 min Scan# 1768

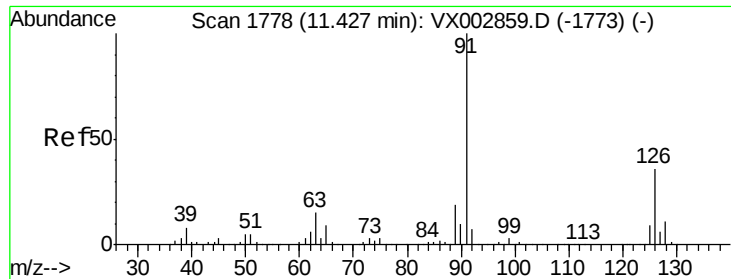
Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	91	Resp:	816595
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 52.30 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 483898

Ion Ratio Lower Upper

91 100

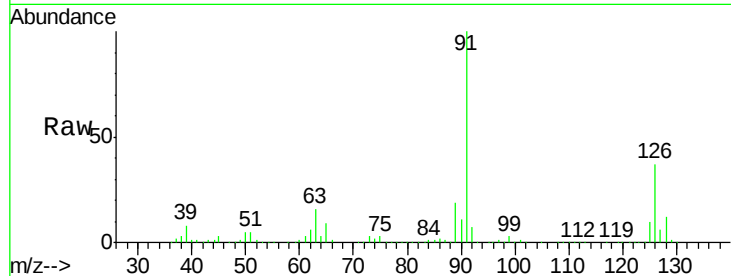
126 35.7 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)

600000

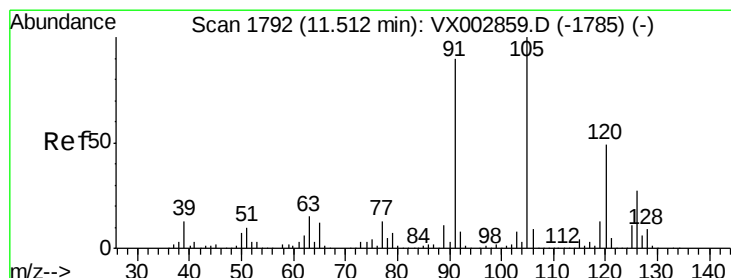
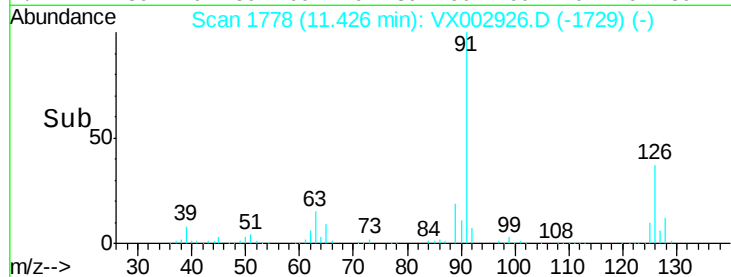
400000

200000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002926.D

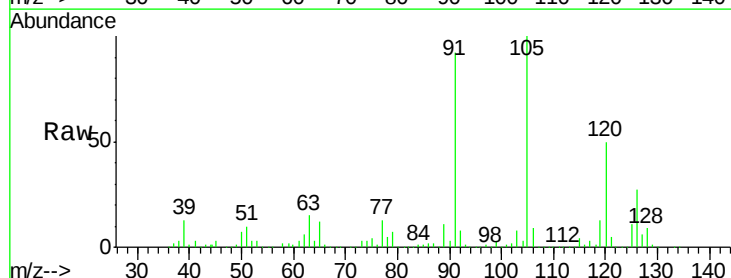
Acq: 27 Jun 2018 06:20

Tgt Ion: 105 Resp: 607727

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)

500000

400000

300000

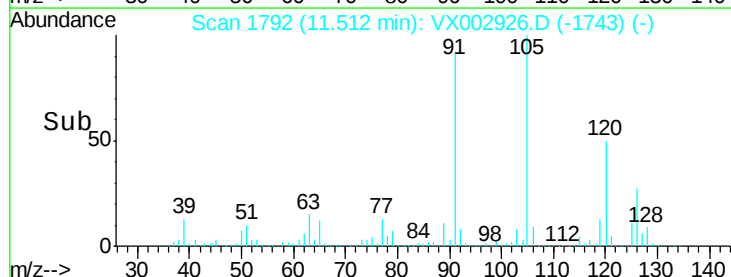
200000

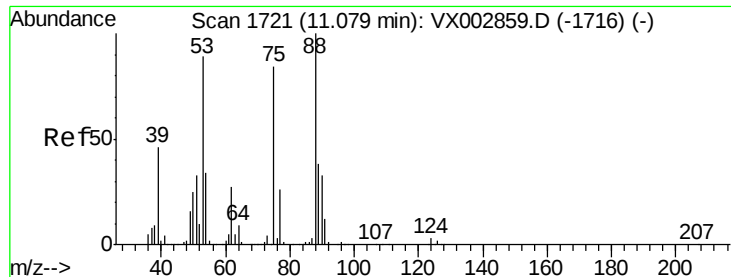
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.46 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 50890

Ion Ratio Lower Upper

75 100

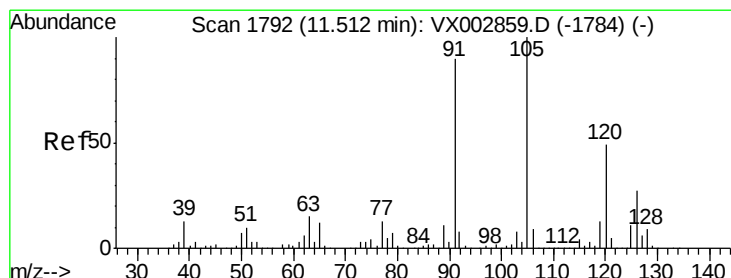
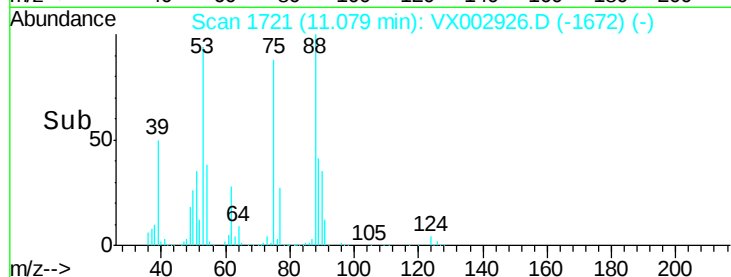
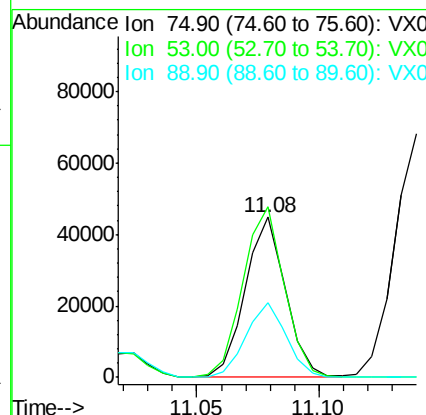
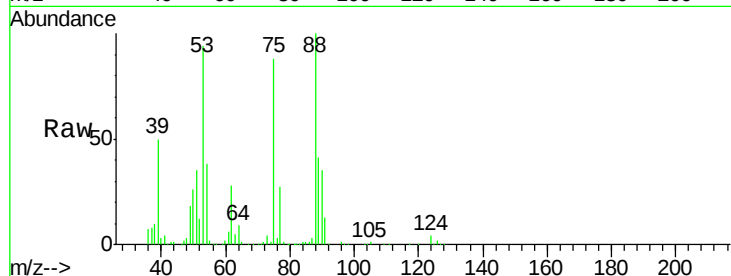
53 110.8 86.8 130.2

89 46.8 38.2 57.2

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#82

4-Chlorotoluene

Concen: 52.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002926.D

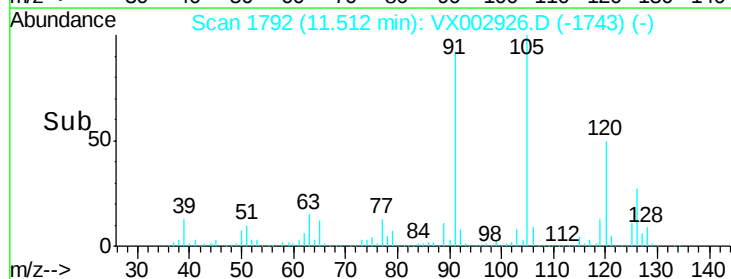
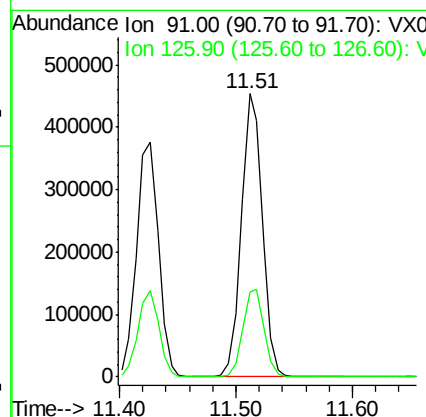
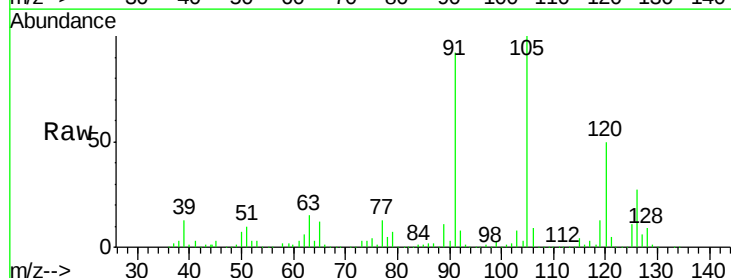
Acq: 27 Jun 2018 06:20

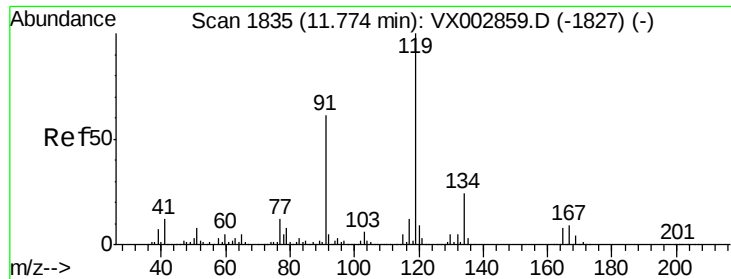
Tgt Ion: 91 Resp: 571539

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4





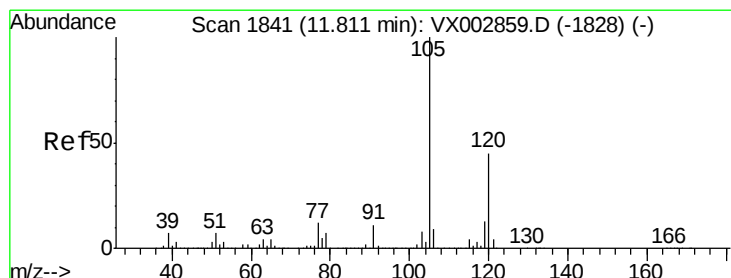
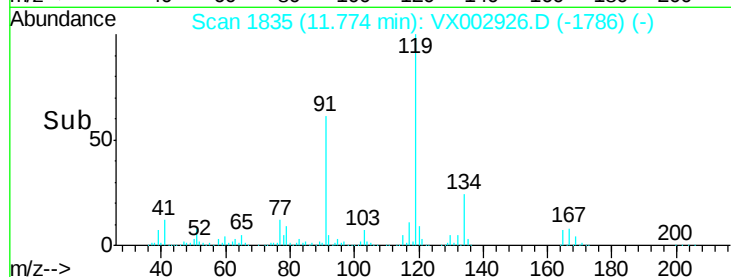
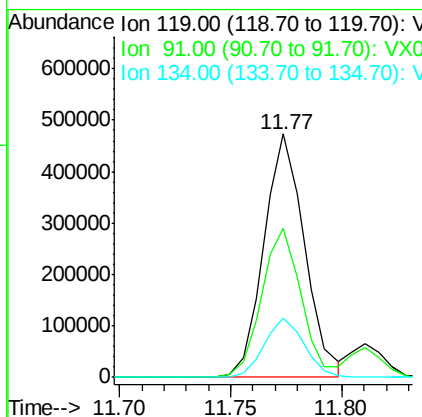
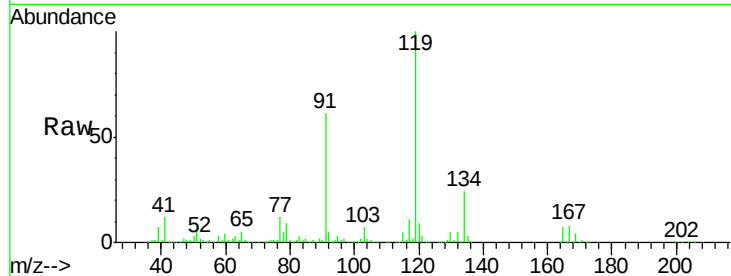
#83
 tert-Butylbenzene
 Concen: 53.86 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.8	30.3	90.9
134	23.7	11.7	35.1

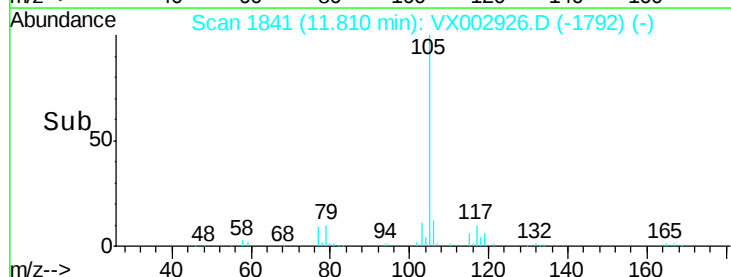
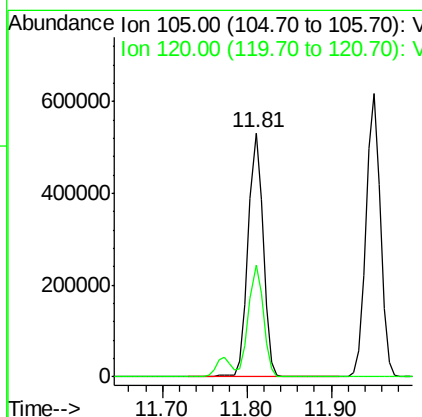
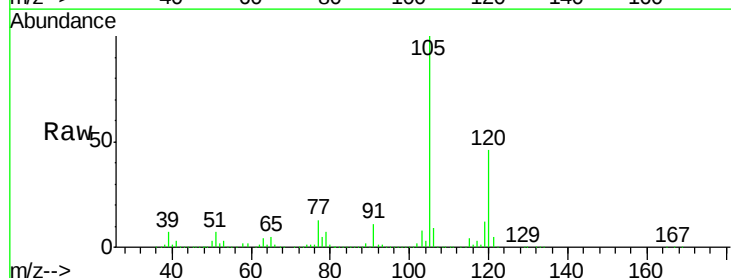
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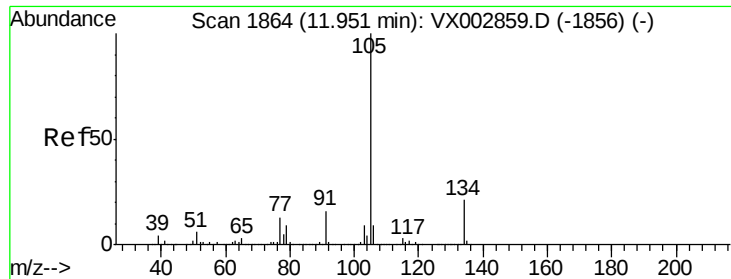
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.36 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.3	66.8





#85

sec-Butylbenzene

Concen: 54.36 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 734914

Ion Ratio Lower Upper

105 100

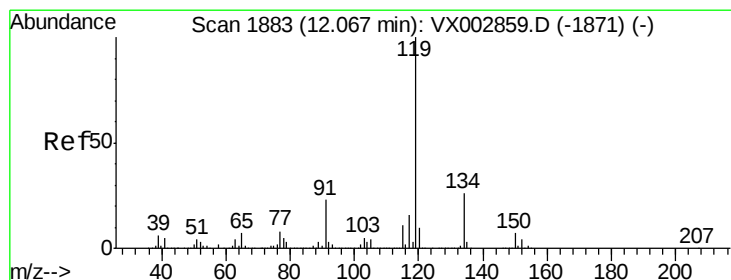
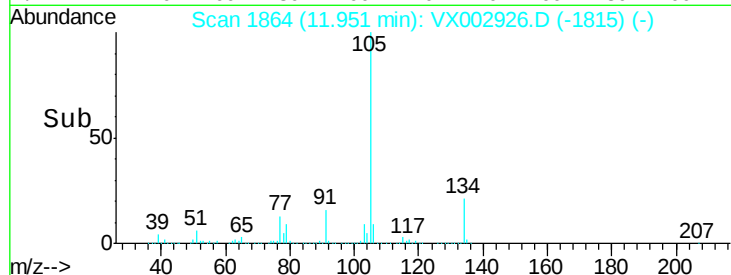
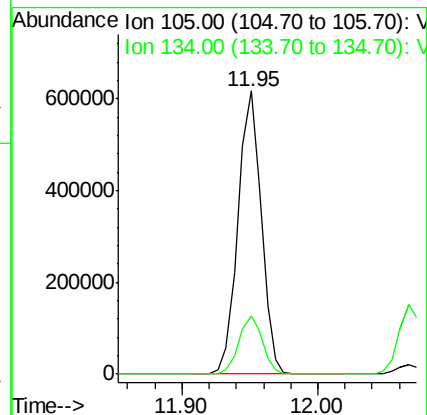
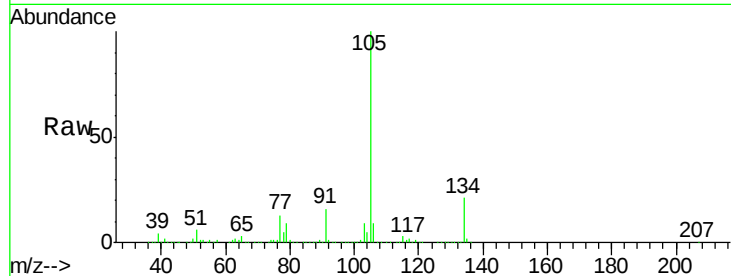
134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 54.42 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

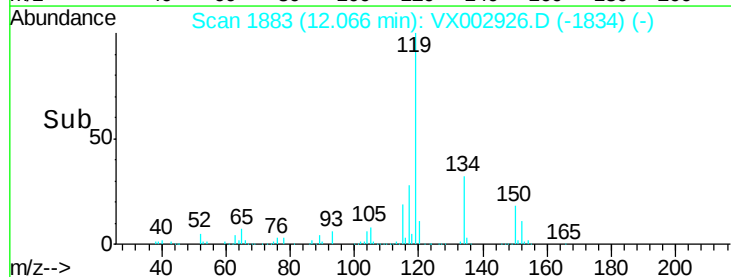
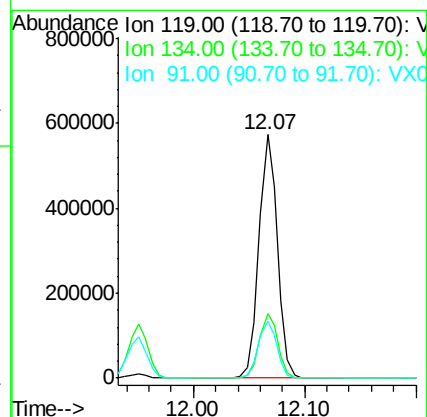
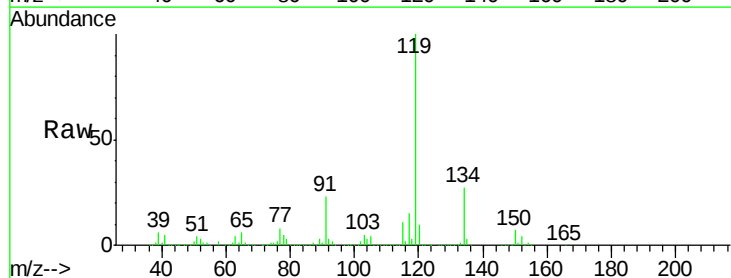
Tgt Ion:119 Resp: 661442

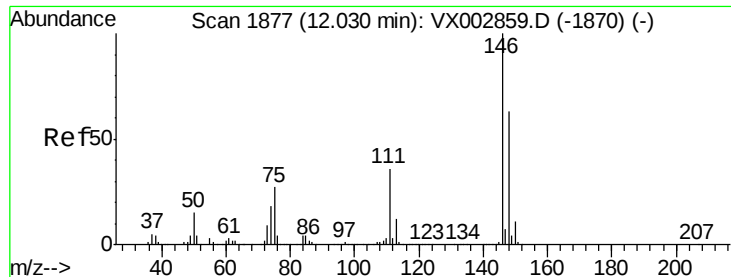
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.6 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 51.37 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

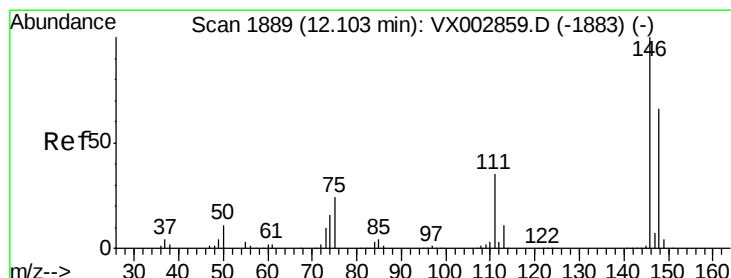
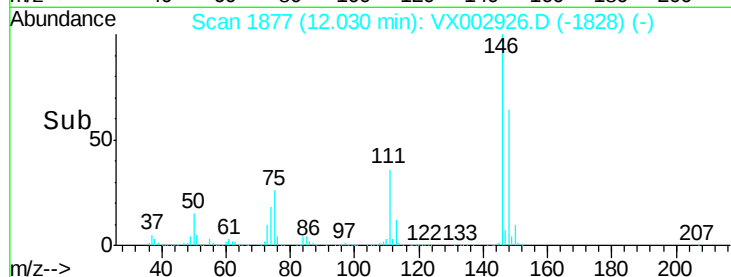
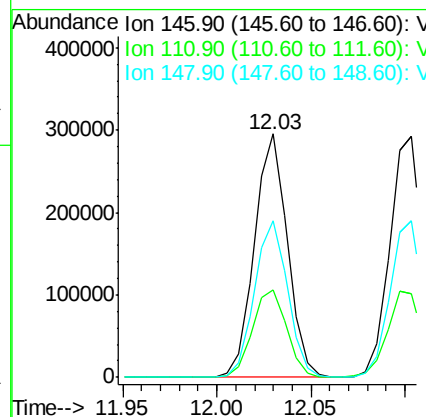
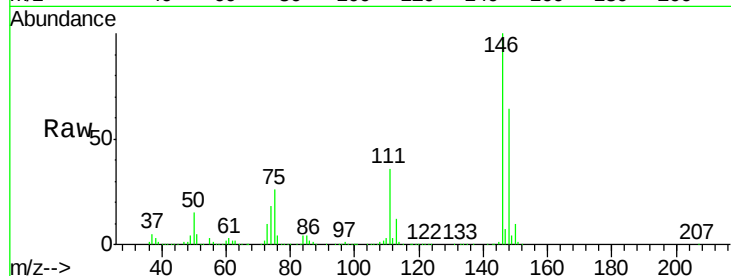
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	358753
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.9	56.7
148	64.7	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 50.42 ug/l

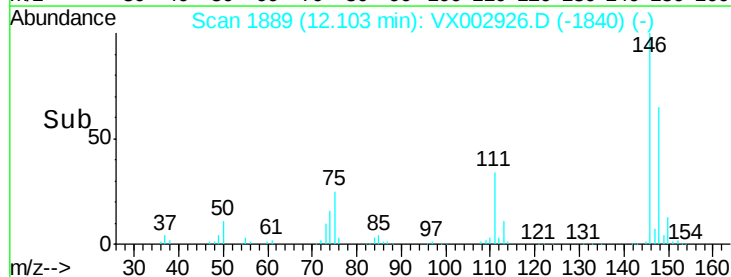
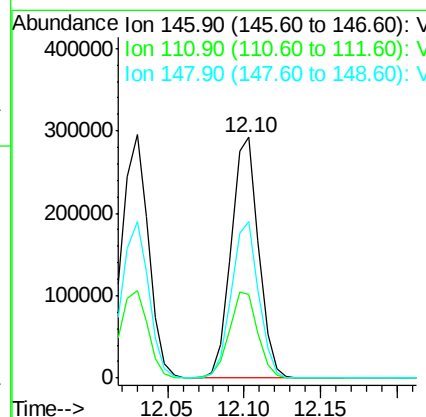
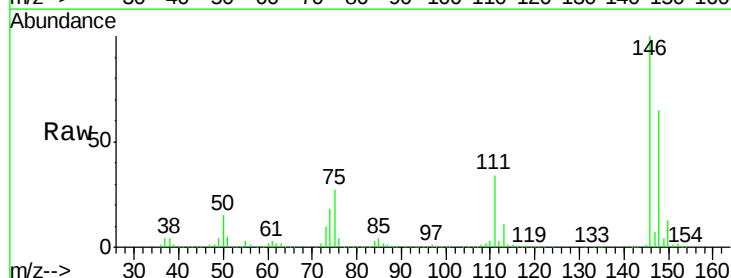
RT: 12.10 min Scan# 1889

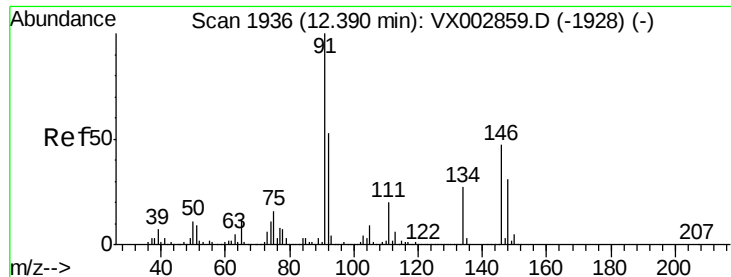
Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	146	Resp:	362307
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.7	56.1
148	64.8	32.4	97.0





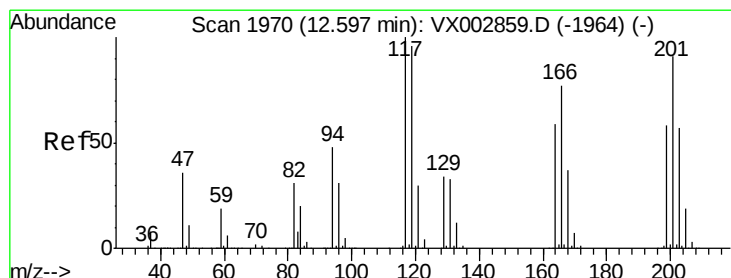
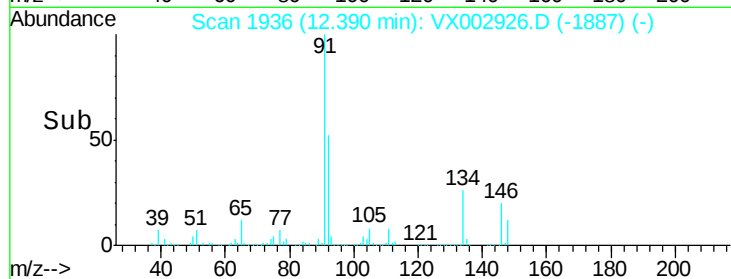
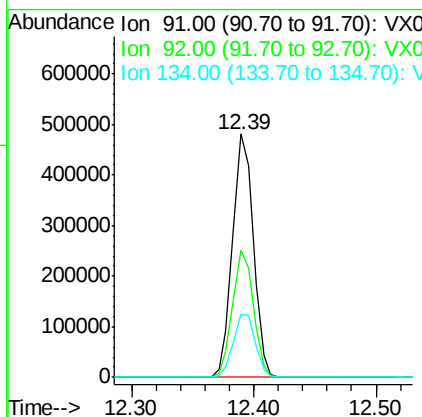
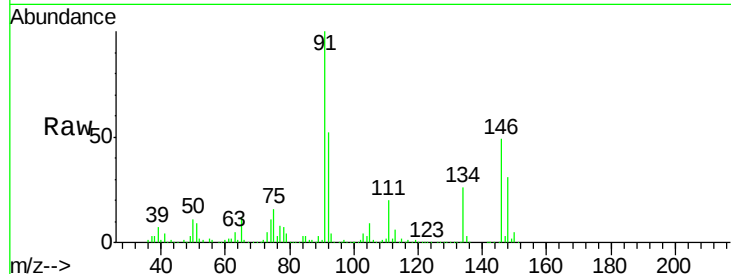
#89
n-Butylbenzene
Concen: 53.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.2	13.5	40.5

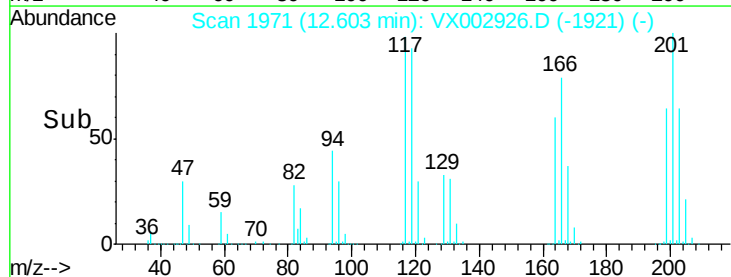
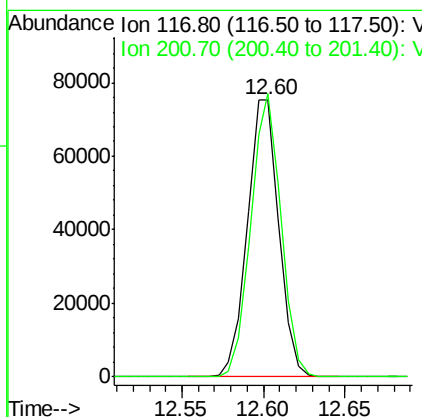
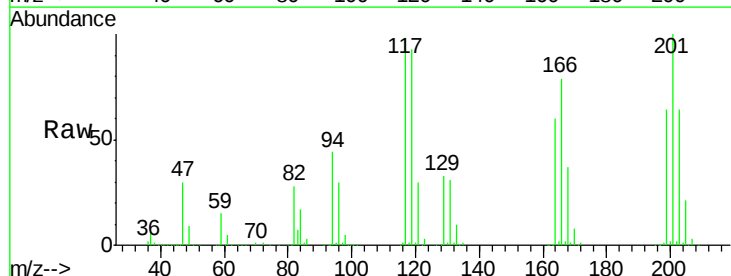
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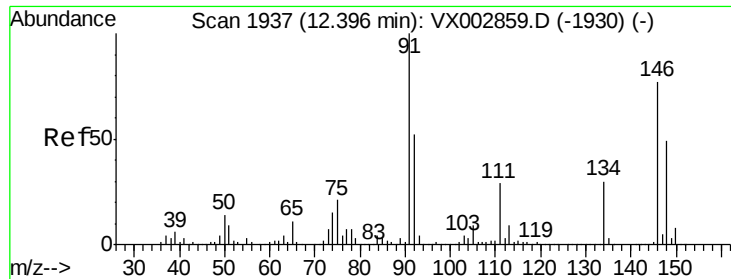
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#90
Hexachloroethane
Concen: 56.12 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002926.D
Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.2	49.0	147.0





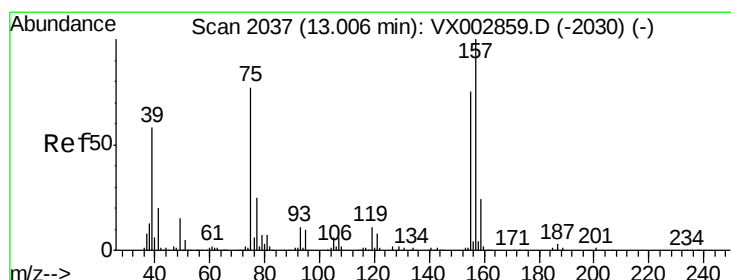
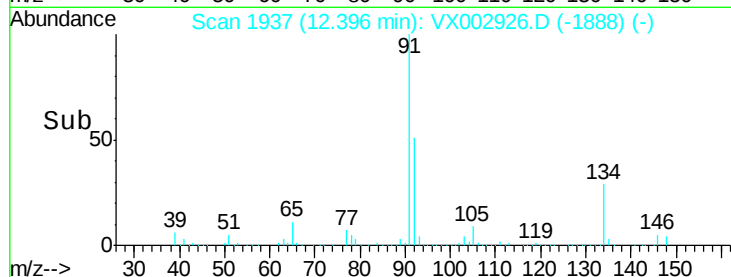
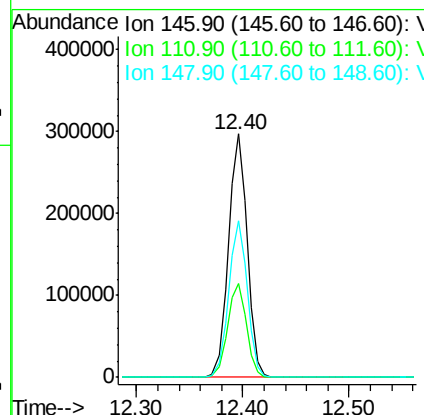
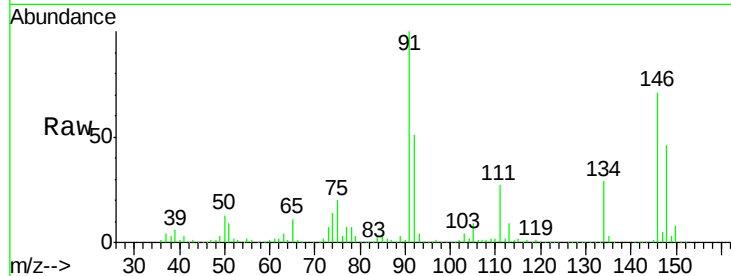
#91
 1,2-Dichlorobenzene
 Concen: 51.77 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	63.9	31.7	95.1

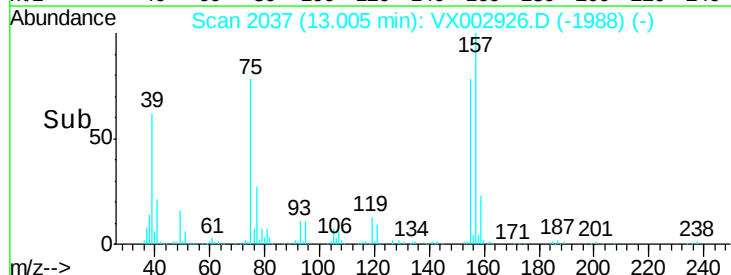
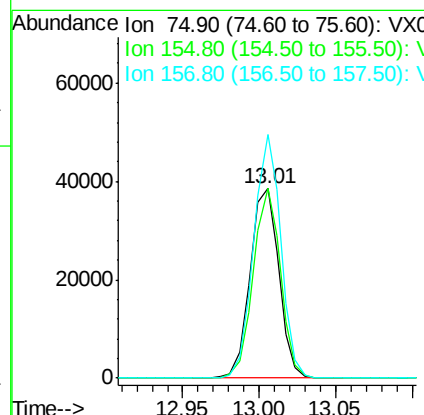
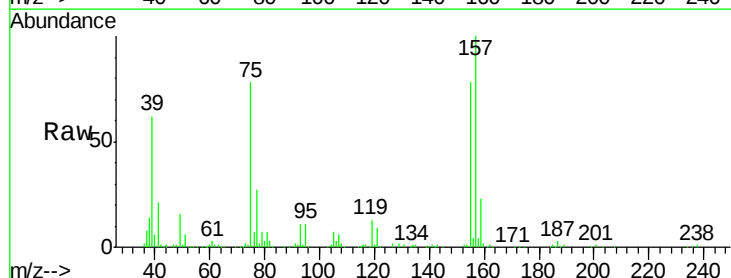
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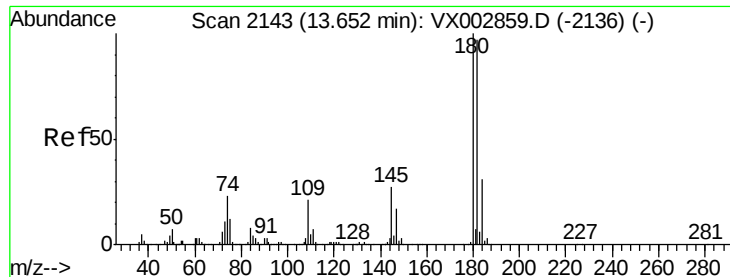
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.92 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	45.8	137.4
157	121.5	60.1	180.3





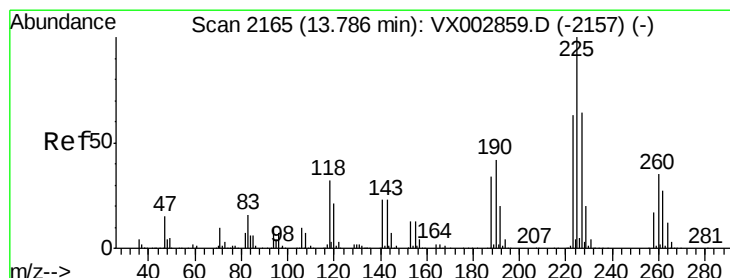
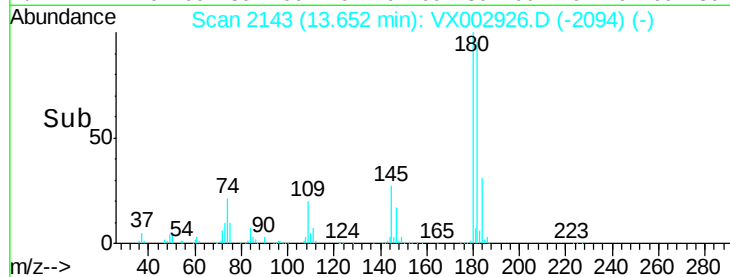
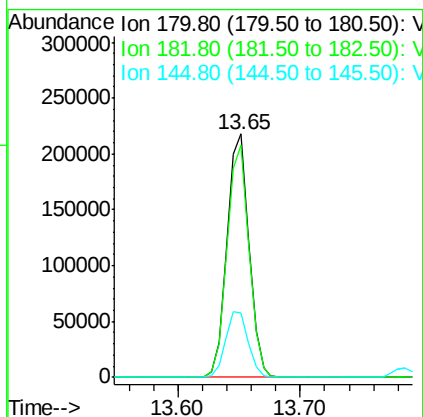
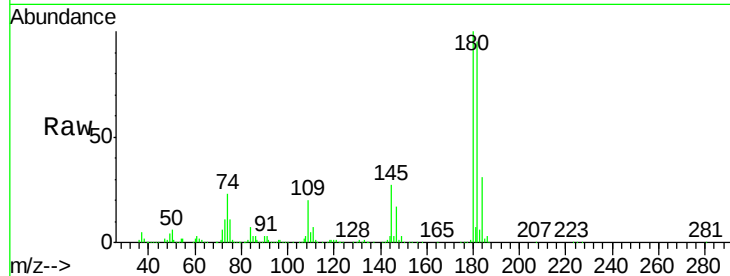
#93
 1,2,4-Trichlorobenzene
 Concen: 52.26 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	268058		
182	95.6	47.7	143.1	
145	28.0	14.1	42.4	

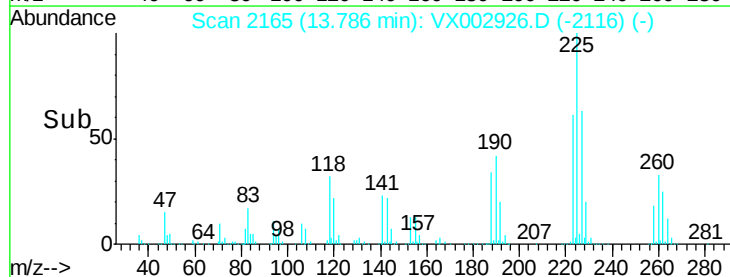
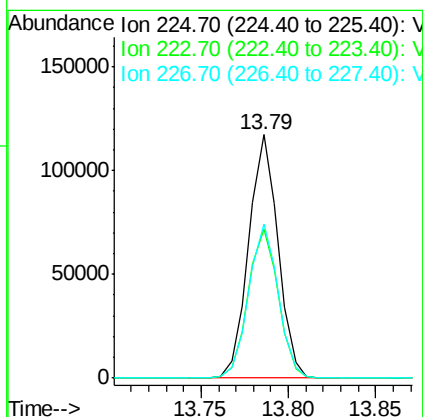
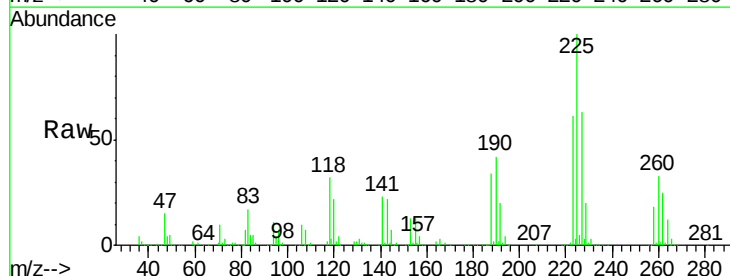
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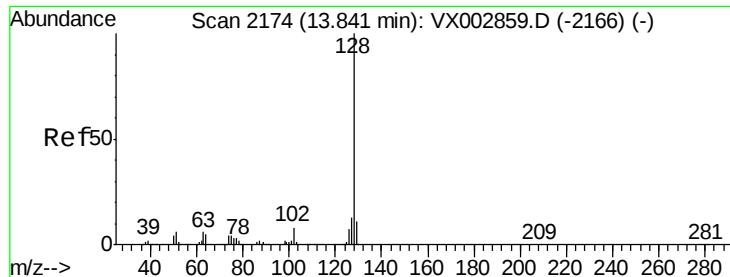
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#94
 Hexachlorobutadiene
 Concen: 53.29 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002926.D
 Acq: 27 Jun 2018 06:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136335		
223	63.0	31.6	95.0	
227	63.9	32.4	97.2	





#95

Naphthalene

Concen: 55.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Instrument :

MSVOA_X

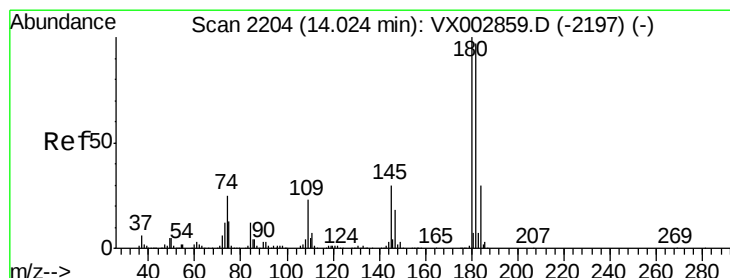
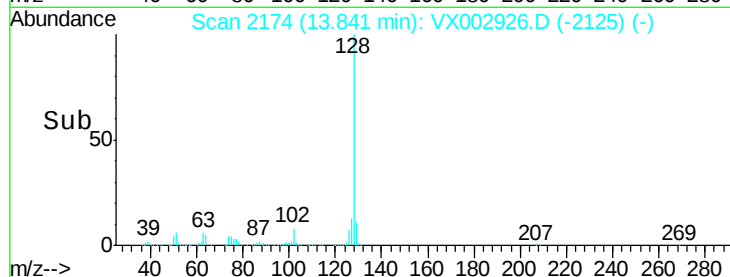
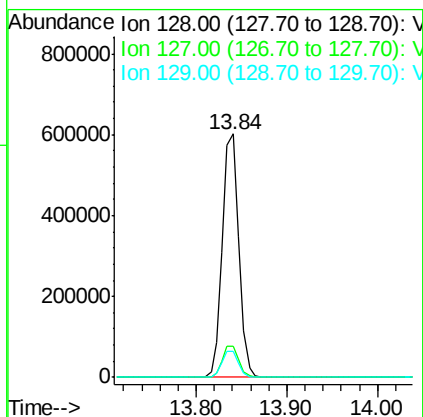
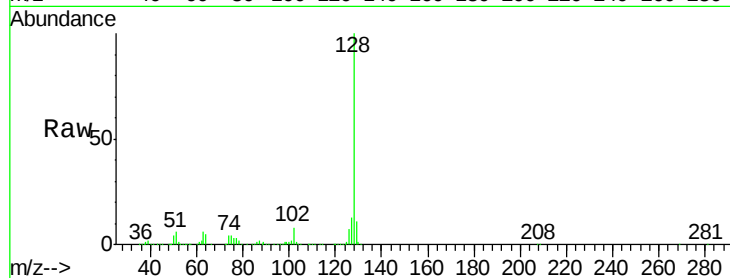
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	762708
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 54.18 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002926.D

Acq: 27 Jun 2018 06:20

Tgt Ion:	180	Resp:	277588
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.0	144.0
145	29.5	14.8	44.3

