

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002755.D
 Acq On : 20 Jun 2018 21:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:43 AM

Quant Time: Jun 21 05:45:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205806	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153407	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
35) Dibromofluoromethane	5.51	113	125745	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	8.72	98	448415	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
62) 4-Bromofluorobenzene	11.14	95	173458	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	116539	46.36	ug/l	98
3) Chloromethane	1.32	50	120084	40.16	ug/l	100
4) Vinyl Chloride	1.41	62	133364	42.98	ug/l #	88
5) Bromomethane	1.64	94	37977	20.28	ug/l	99
6) Chloroethane	1.71	64	98795	48.30	ug/l	98
7) Trichlorofluoromethane	1.92	101	235059	46.62	ug/l	98
8) Diethyl Ether	2.19	74	82157	42.84	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	129071	45.80	ug/l	100
10) Methyl Iodide	2.51	142	75675	23.02	ug/l	100
11) Tert butyl alcohol	3.09	59	175510	235.93	ug/l	100
12) 1,1-Dichloroethene	2.37	96	118135	44.65	ug/l	96
13) Acrolein	2.30	56	90291	258.66	ug/l	99
14) Allyl chloride	2.73	41	229612	43.71	ug/l	99
15) Acrylonitrile	3.15	53	368885	227.24	ug/l	99
16) Acetone	2.45	43	346750	218.41	ug/l	100
17) Carbon Disulfide	2.57	76	346848	55.27	ug/l	99
18) Methyl Acetate	2.78	43	200774	47.47	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	433318	43.66	ug/l	98
20) Methylene Chloride	2.86	84	127598	39.20	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	125113	43.59	ug/l	96
22) Diisopropyl ether	3.88	45	427054	44.93	ug/l	98
23) Vinyl Acetate	3.83	43	1875110	235.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	243823	47.26	ug/l	99
25) 2-Butanone	4.71	43	517935	248.41	ug/l	100
26) 2,2-Dichloropropane	4.59	77	146696	39.57	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	135551	46.41	ug/l	95
28) Bromochloromethane	5.03	49	104553	43.28	ug/l	94
29) Tetrahydrofuran	5.17	42	337345	246.88	ug/l	97
30) Chloroform	5.22	83	241435	48.53	ug/l	100
31) Cyclohexane	5.58	56	199299	46.92	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	216595	52.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	172097	48.97	ug/l	99
37) Ethyl Acetate	4.87	43	202215	50.84	ug/l	99
38) Carbon Tetrachloride	5.79	117	195272	55.80	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199208	48.49	ug/l	99
40) Benzene	6.15	78	510258	48.42	ug/l	100
41) Methacrylonitrile	5.07	41	114726	51.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	200742	49.21	ug/l	100
43) Isopropyl Acetate	6.48	43	329227	49.96	ug/l	99
44) Trichloroethene	7.22	130	150853	49.60	ug/l	98
45) 1,2-Dichloropropane	7.52	63	134661	48.56	ug/l	97
46) Dibromomethane	7.66	93	94912	51.16	ug/l	98
47) Bromodichloromethane	7.90	83	183860	56.19	ug/l	98
48) Methyl methacrylate	7.79	41	169881	50.44	ug/l	97
49) 1,4-Dioxane	7.76	88	68597	1075.59	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1094015	258.55	ug/l	99
52) Toluene	8.79	92	332714	49.50	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	202579	46.93	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	188862	45.99	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	138682	51.06	ug/l	98
56) Ethyl methacrylate	9.19	69	216028	51.68	ug/l	97
57) 1,3-Dichloropropane	9.38	76	224672	48.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	434018	214.68	ug/l	99
59) 2-Hexanone	9.50	43	843967	264.69	ug/l	99
60) Dibromochloromethane	9.59	129	154736	50.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	148020	52.62	ug/l	100
64) Tetrachloroethene	9.34	164	154373	43.30	ug/l	99
65) Chlorobenzene	10.14	112	385171	48.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146033	54.31	ug/l	99
67) Ethyl Benzene	10.26	91	656530	49.35	ug/l	99
68) m/p-Xylenes	10.37	106	510325	99.44	ug/l	100
69) o-Xylene	10.70	106	248572	49.30	ug/l	97
70) Styrene	10.72	104	417526	50.35	ug/l	99
71) Bromoform	10.86	173	122261	49.95	ug/l #	99
73) Isopropylbenzene	11.02	105	677237	49.20	ug/l	99
74) N-amyl acetate	6.48	43	329227	48.14	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	221319	54.45	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199789m	51.45	ug/l	
77) Bromobenzene	11.26	156	187308	48.85	ug/l	97
78) n-propylbenzene	11.37	91	769124	48.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	459240	48.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	576510	49.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	44337	37.66	ug/l	98
82) 4-Chlorotoluene	11.51	91	545920	49.09	ug/l	100
83) tert-Butylbenzene	11.77	119	573529	51.18	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	595802	50.20	ug/l	100
85) sec-Butylbenzene	11.95	105	684273	49.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	620568	49.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	339831	48.32	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	345594	48.30	ug/l	99
89) n-Butylbenzene	12.39	91	527628	47.44	ug/l	100
90) Hexachloroethane	12.60	117	82647	42.47	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	347197	49.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50743	59.60	ug/l	96

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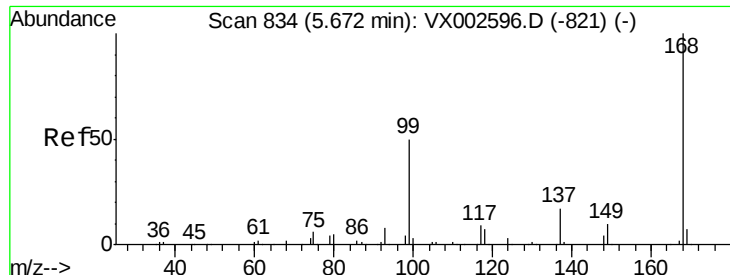
Manual Integrations
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6/22/2018 8:08:43 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	255668	49.77	ug/l	100
94) Hexachlorobutadiene	13.79	225	127950	47.28	ug/l	99
95) Naphthalene	13.84	128	739763	53.52	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	263253	51.03	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. -0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 236802

Ion Ratio Lower Upper

168 100

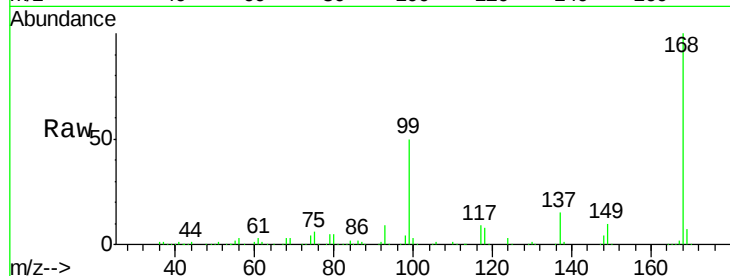
99 49.4 39.3 58.9

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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

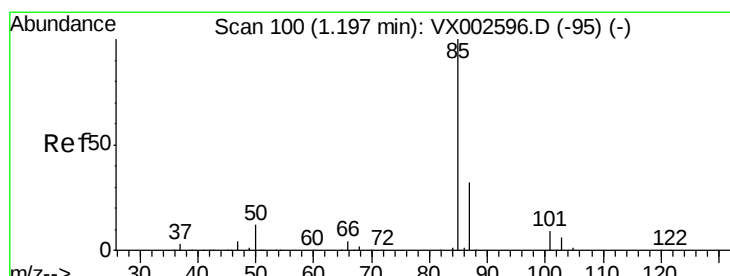
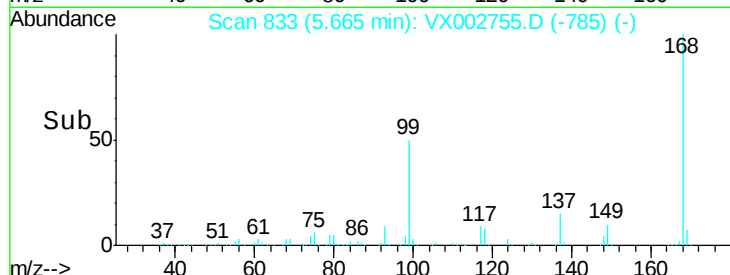
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002755.D

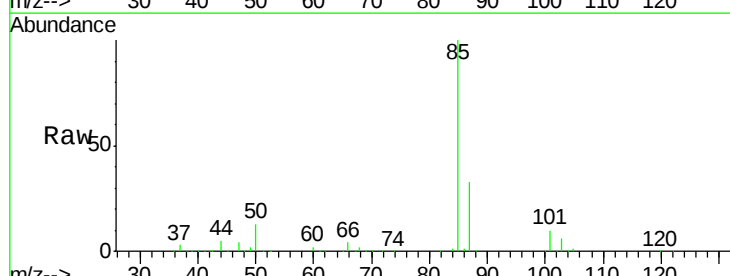
Acq: 20 Jun 2018 21:13

Tgt Ion: 85 Resp: 116539

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

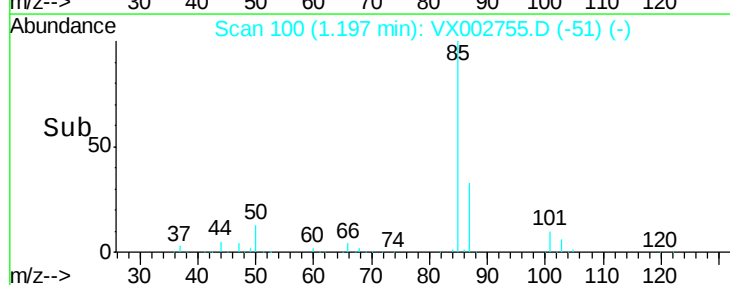
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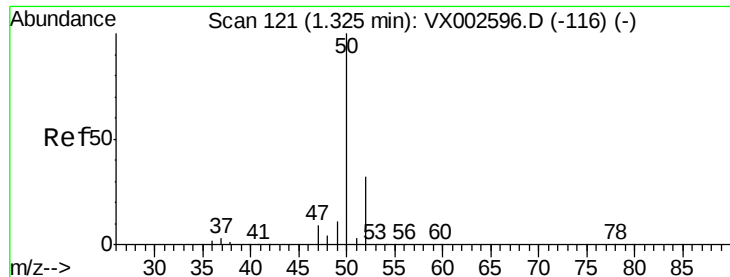
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50000

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Time-->





#3

Chloromethane

Concen: 40.16 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 120084

Ion Ratio Lower Upper

50 100

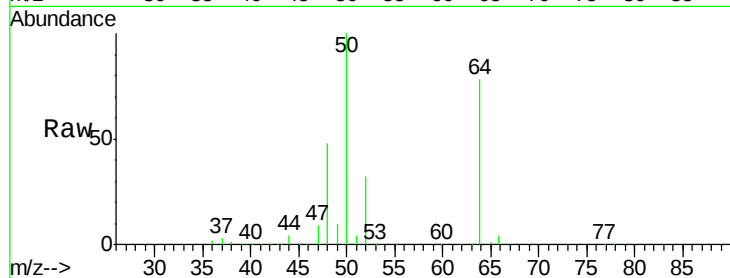
52 32.1 25.7 38.5

Manual Integrations

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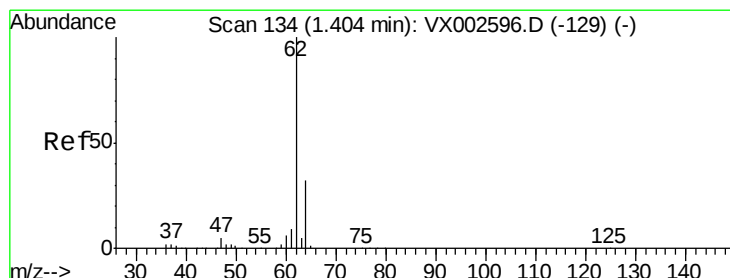
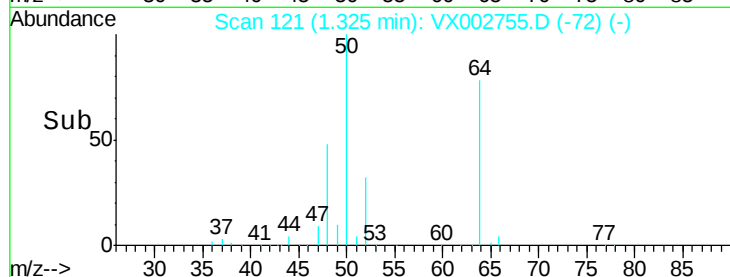
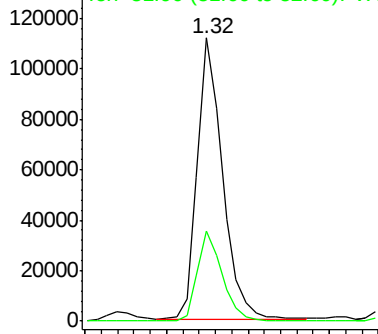
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.98 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002755.D

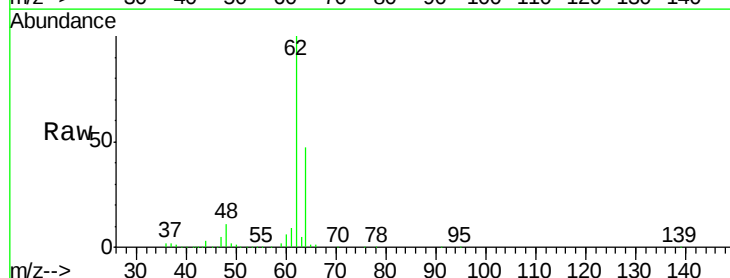
Acq: 20 Jun 2018 21:13

Tgt Ion: 62 Resp: 133364

Ion Ratio Lower Upper

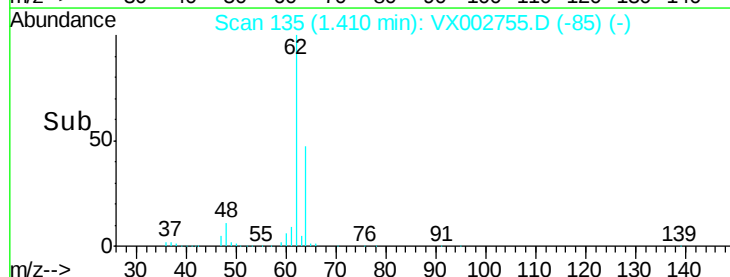
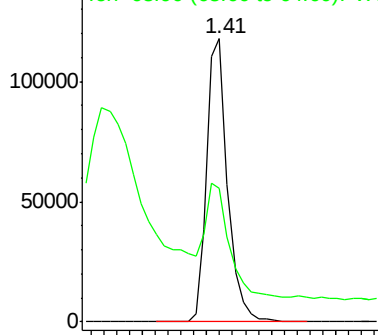
62 100

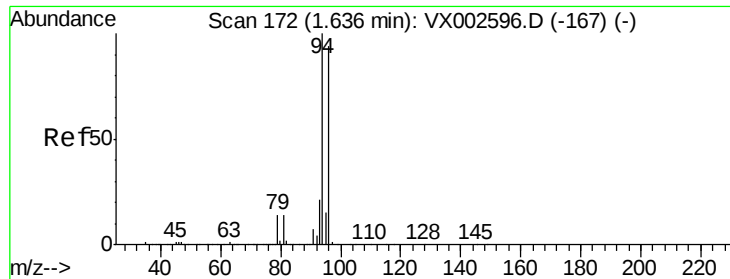
64 38.4 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.28 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 37977

Ion Ratio Lower Upper

94 100

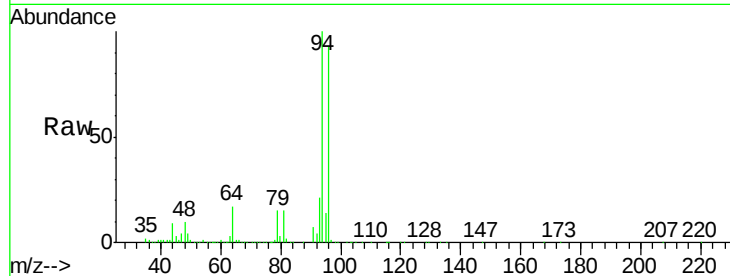
96 92.9 74.9 112.3

Manual Integrations

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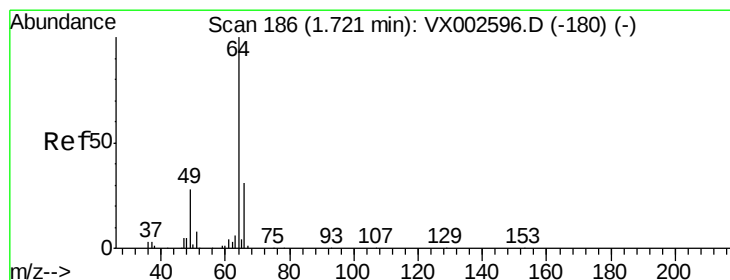
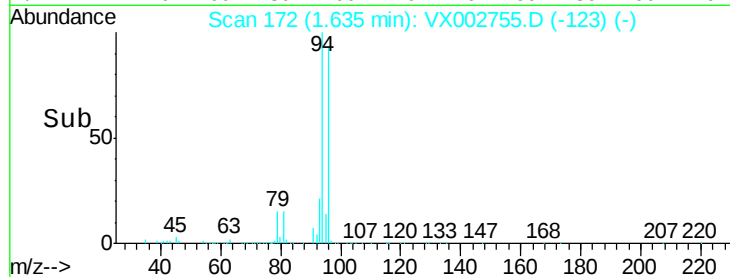
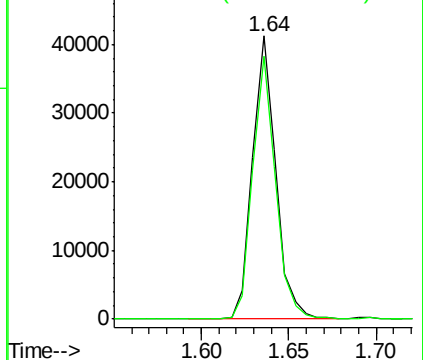
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.30 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002755.D

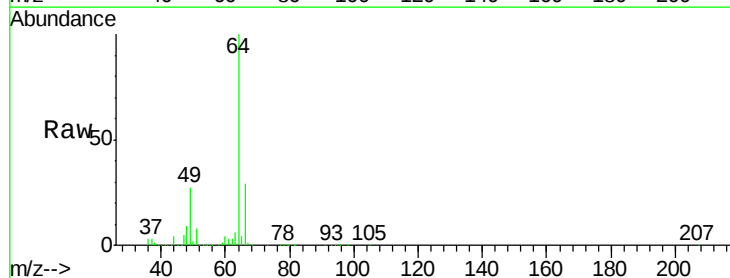
Acq: 20 Jun 2018 21:13

Tgt Ion: 64 Resp: 98795

Ion Ratio Lower Upper

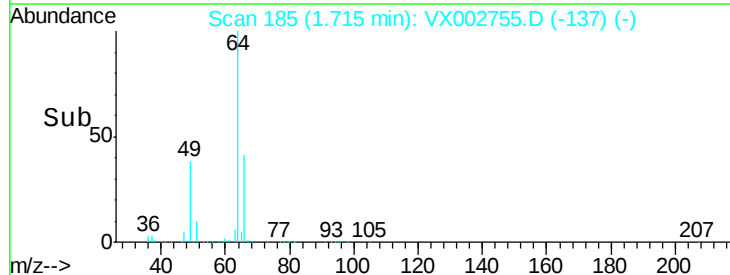
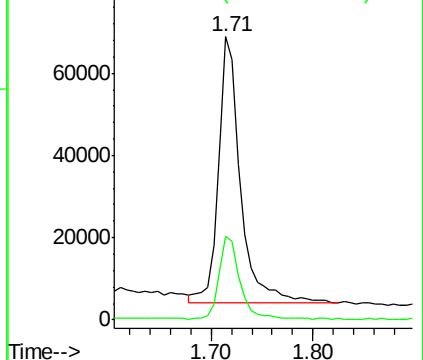
64 100

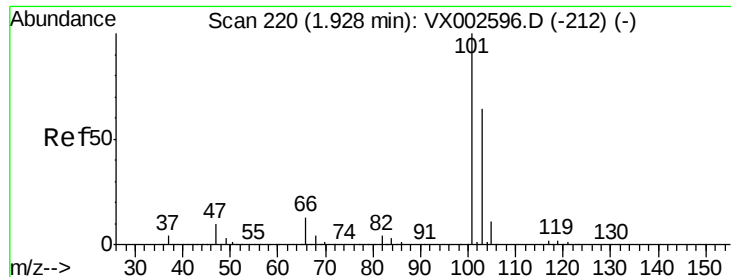
66 31.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

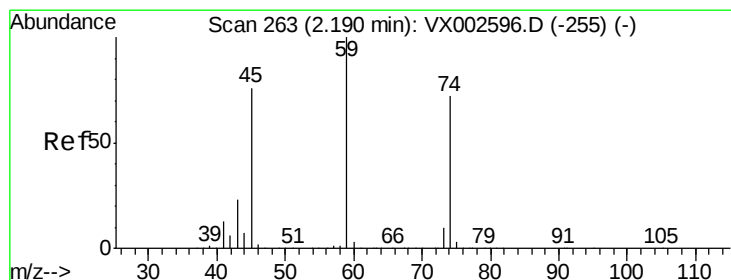
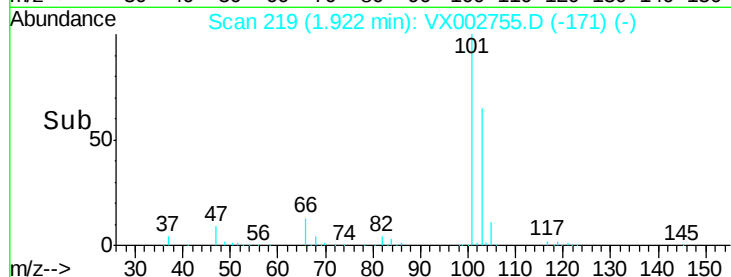
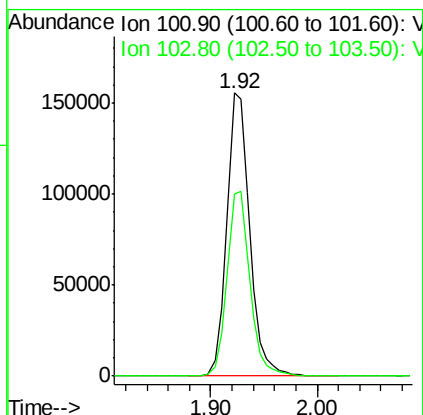
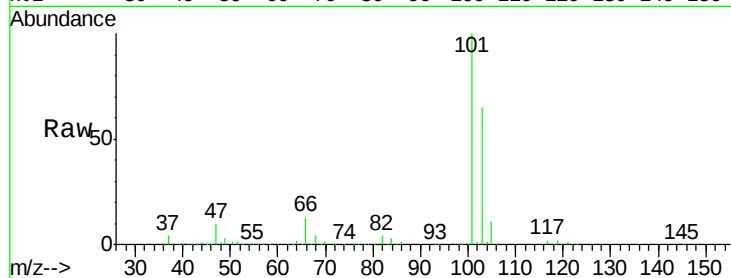
Trichlorofluoromethane
Concen: 46.62 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.8	79.2

Manual Integrations
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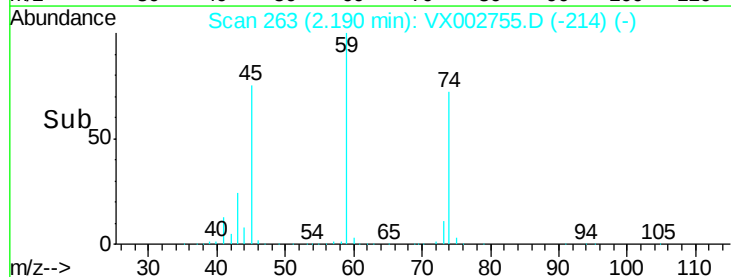
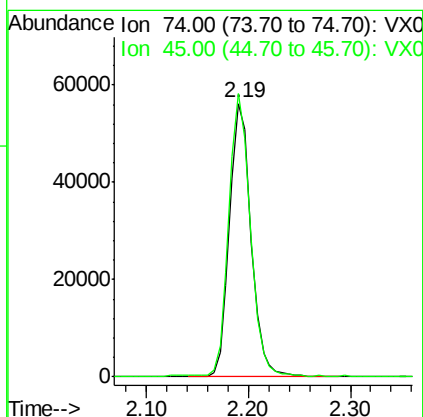
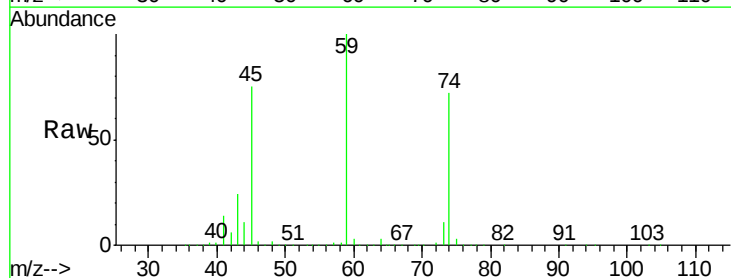
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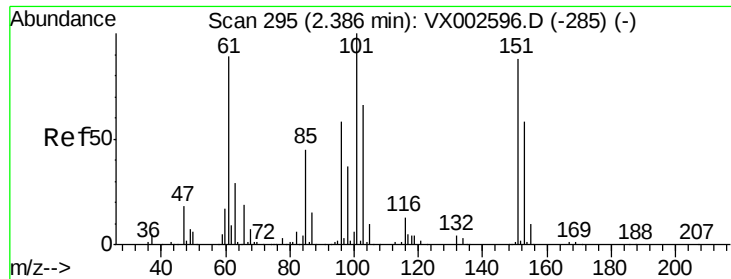


#8

Diethyl Ether
Concen: 42.84 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.80 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

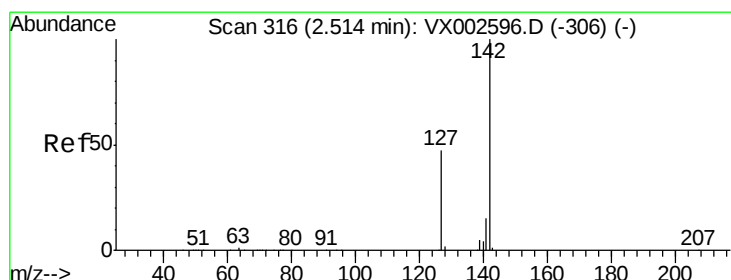
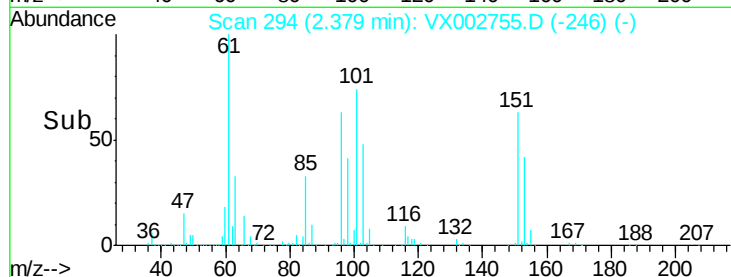
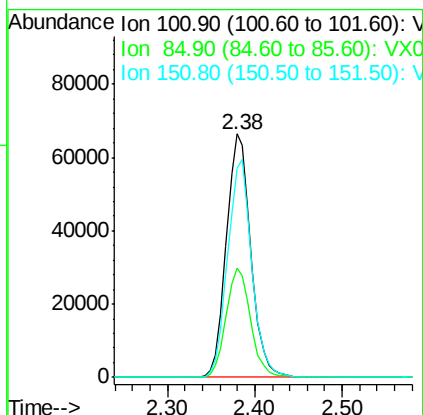
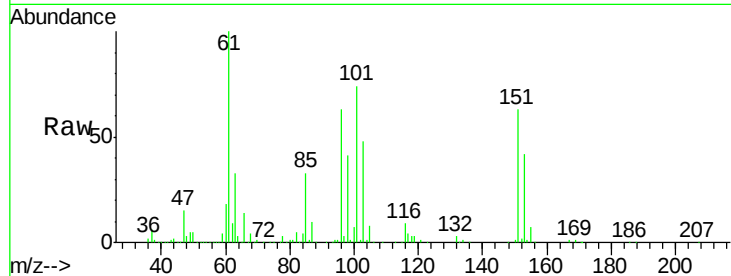
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	129071
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.0	54.0
151	88.9	70.9	106.3

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#10

Methyl Iodide

Concen: 23.02 ug/l

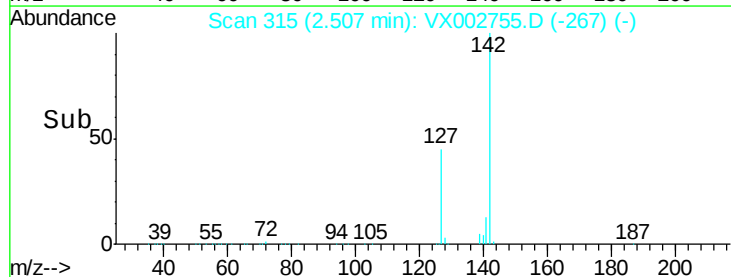
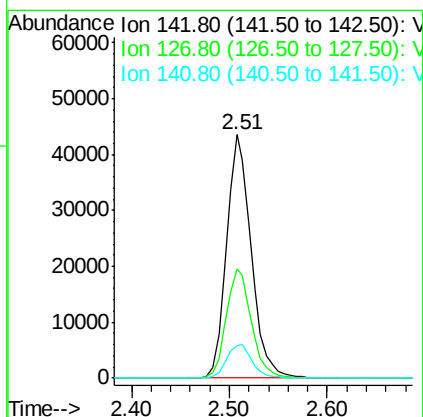
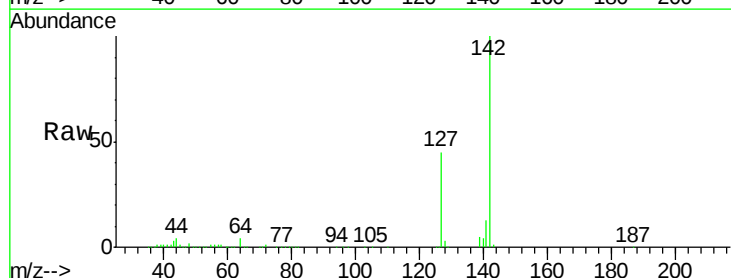
RT: 2.51 min Scan# 315

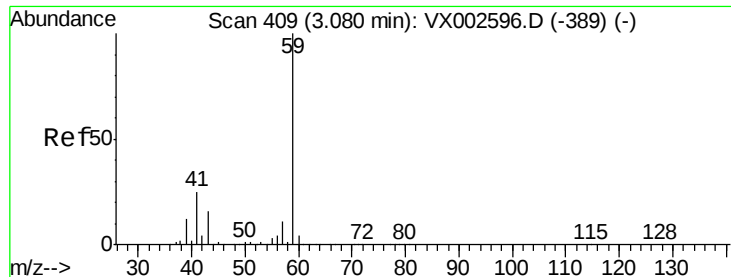
Delta R.T. -0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	142	Resp:	75675
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.6	55.0
141	14.4	11.3	16.9





#11

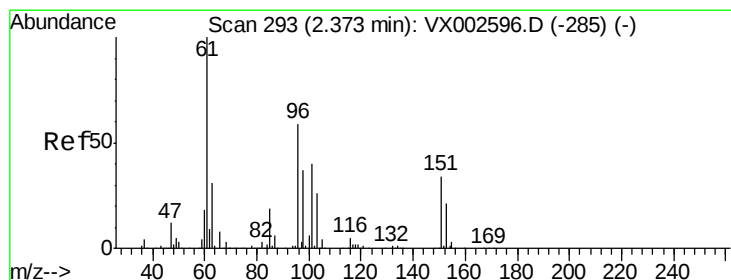
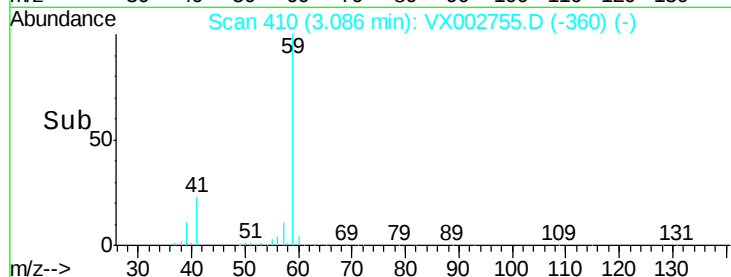
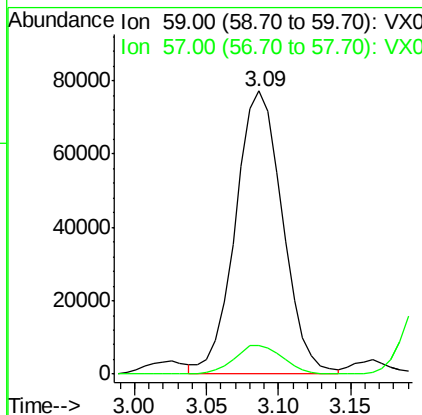
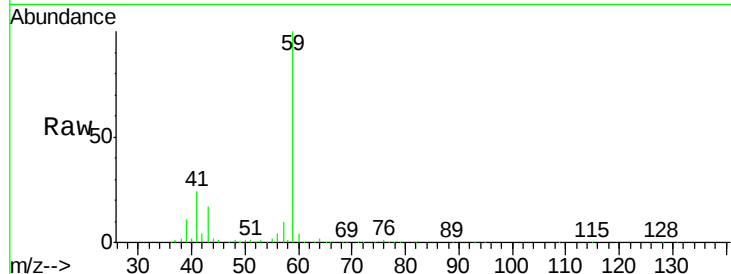
Tert butyl alcohol
Concen: 235.93 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

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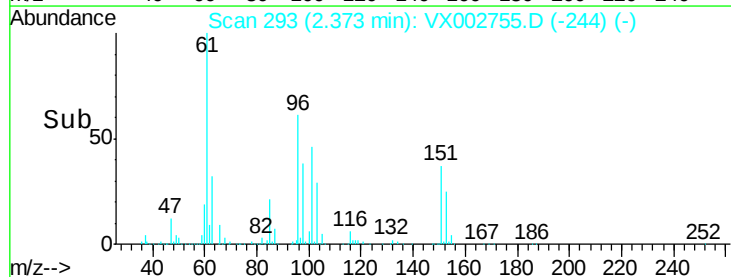
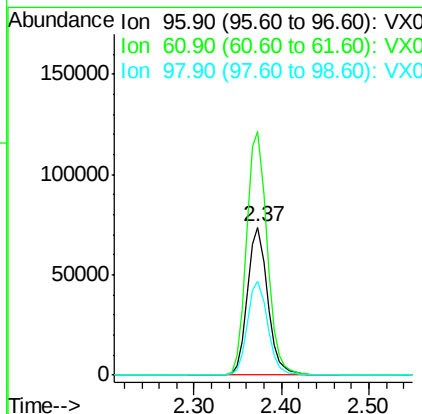
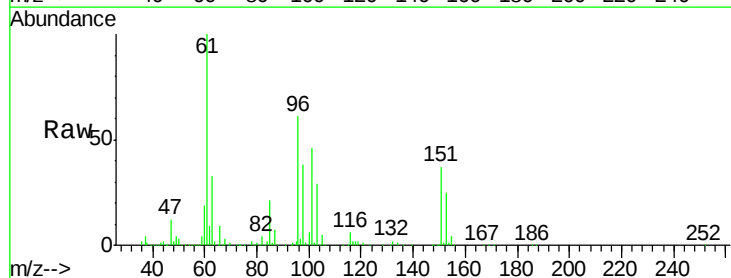
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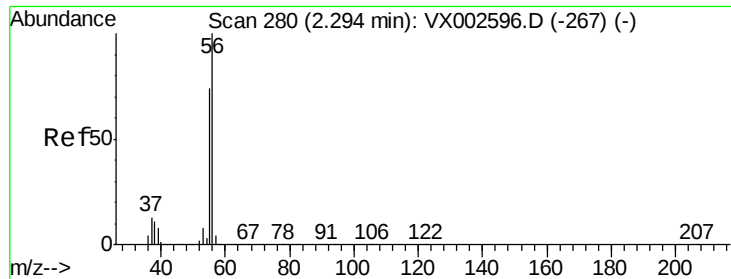


#12

1,1-Dichloroethene
Concen: 44.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.8	137.9	206.9
98	63.4	51.6	77.4





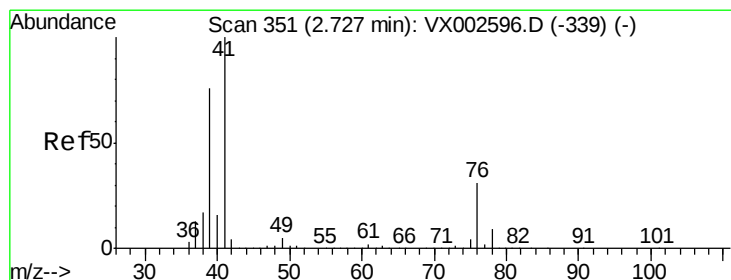
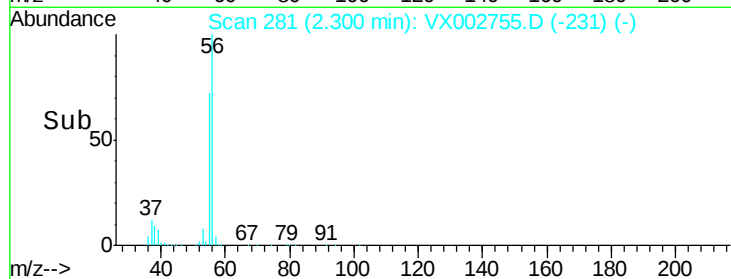
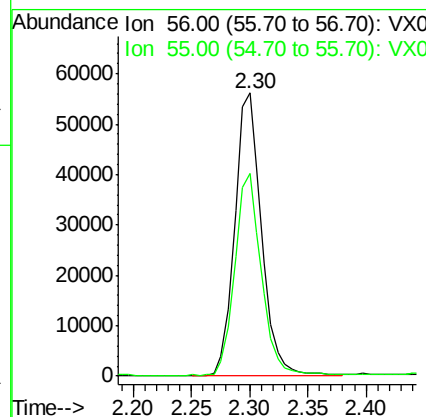
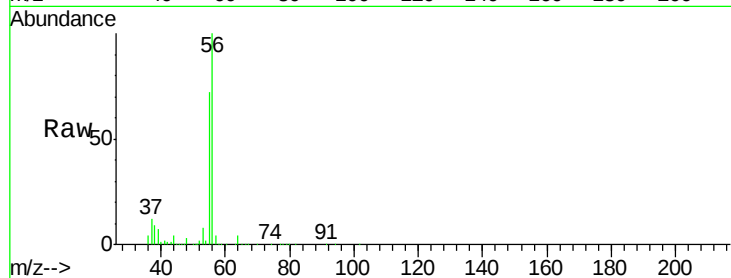
#13
Acrolein
Concen: 258.66 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	90291
Ion Ratio	100	Lower	Upper
56	100		
55	70.6	57.0	85.4

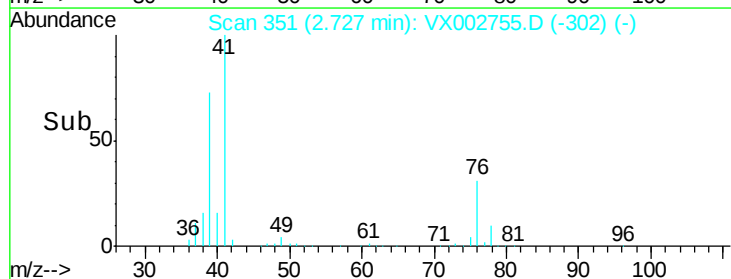
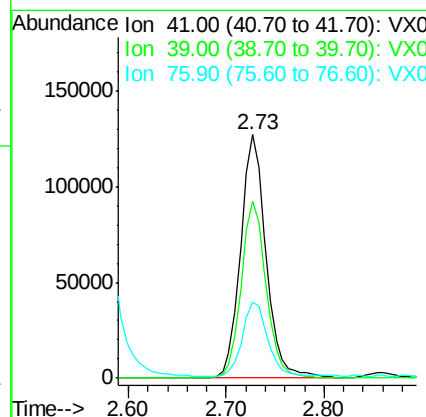
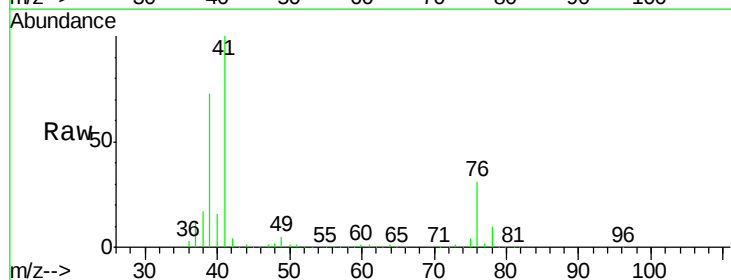
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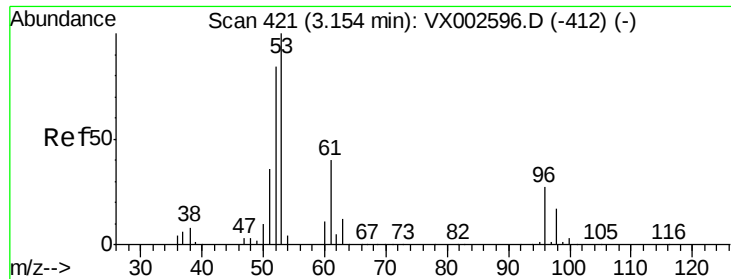
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#14
Allyl chloride
Concen: 43.71 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	41	Resp	229612
Ion Ratio	100	Lower	Upper
41	100		
39	70.7	56.8	85.2
76	30.4	23.8	35.8





#15

Acrylonitrile

Concen: 227.24 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

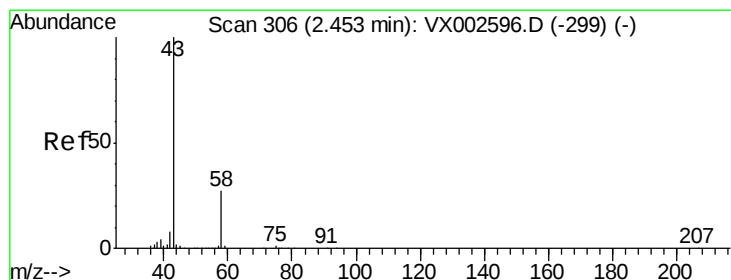
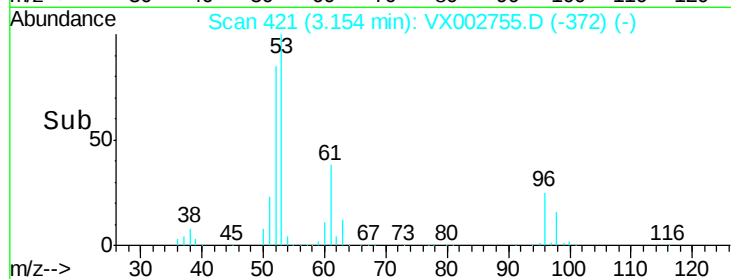
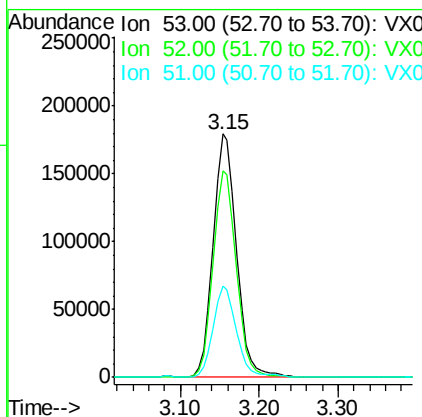
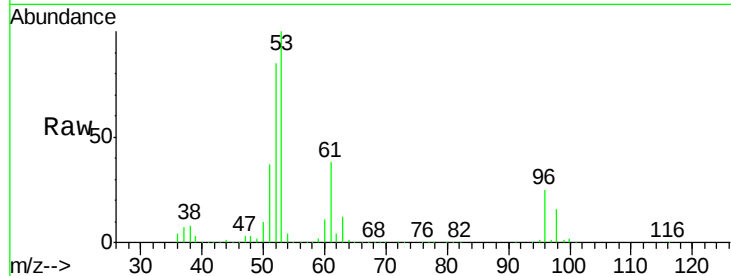
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	368885
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.7	100.1
51	37.7	29.9	44.9

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#16

Acetone

Concen: 218.41 ug/l

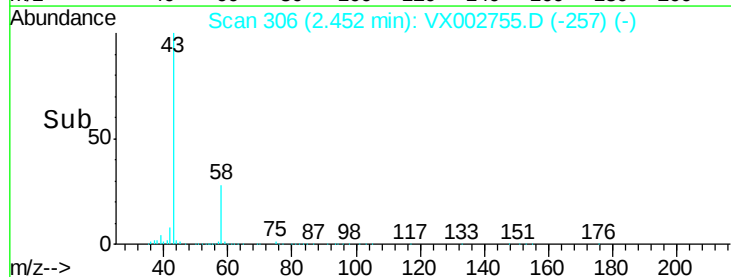
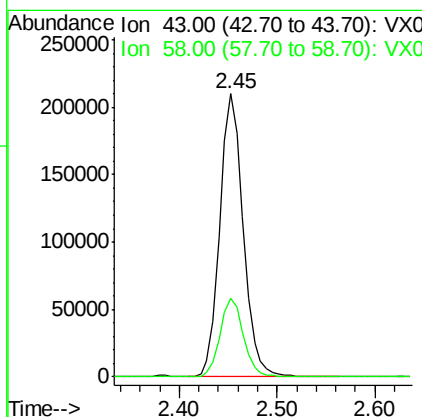
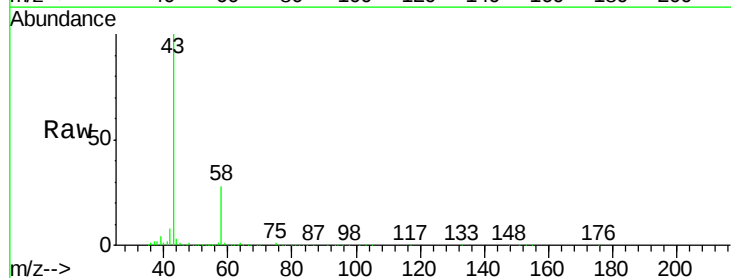
RT: 2.45 min Scan# 306

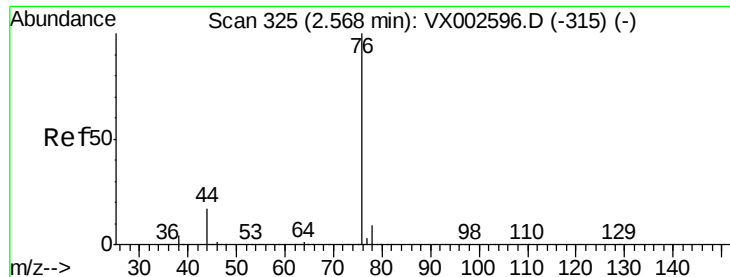
Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	43	Resp:	346750
Ion Ratio	Lower	Upper	
43	100		
58	27.8	22.1	33.1





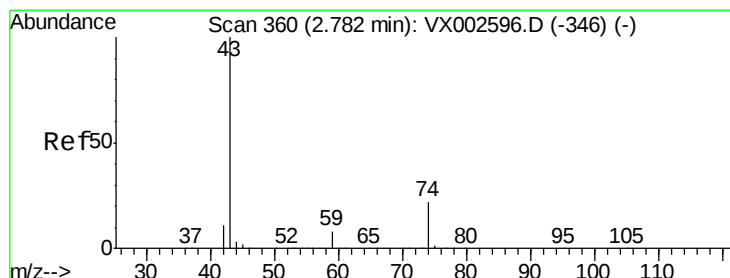
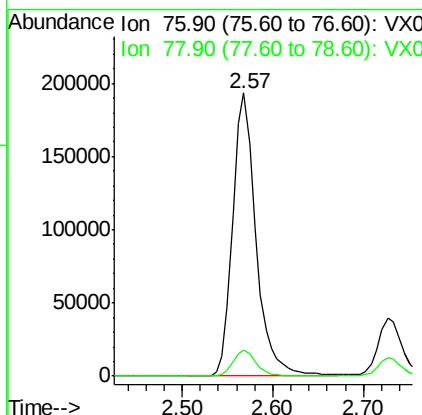
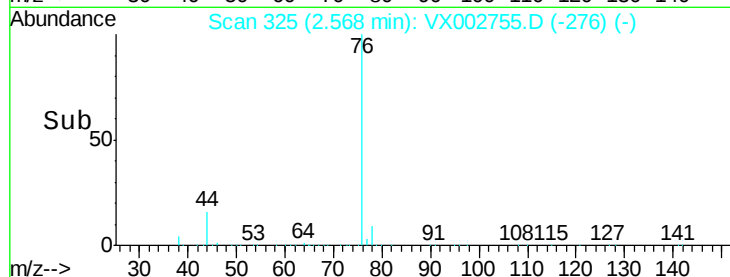
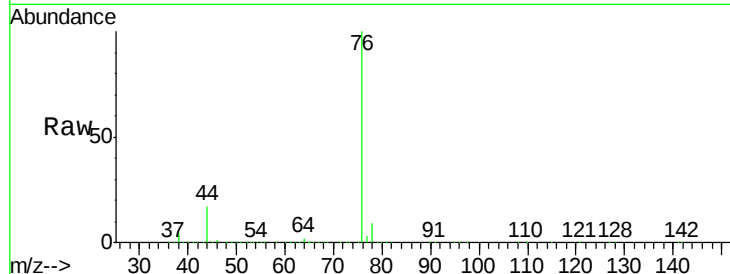
#17
Carbon Disulfide
Concen: 55.27 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

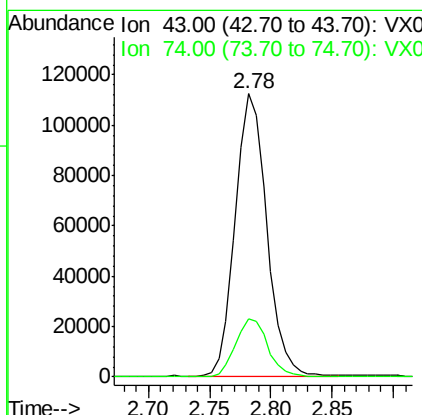
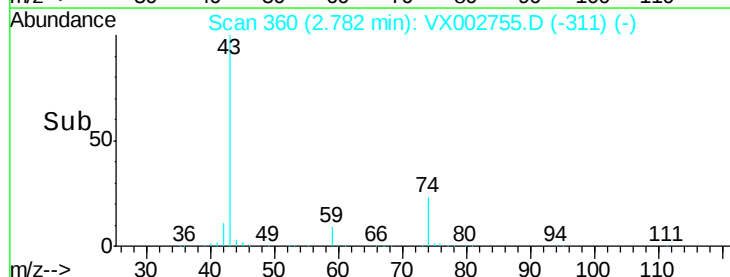
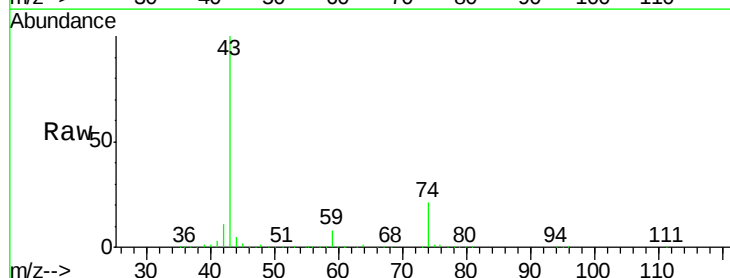
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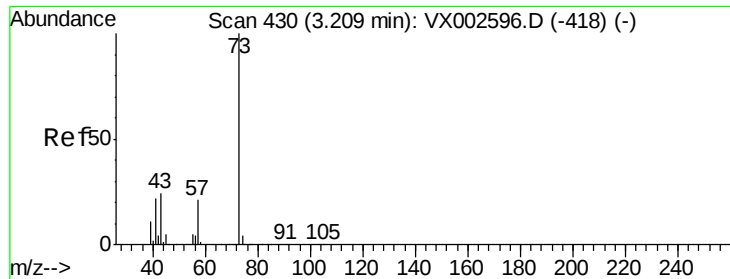
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#18
Methyl Acetate
Concen: 47.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.7	25.1





#19

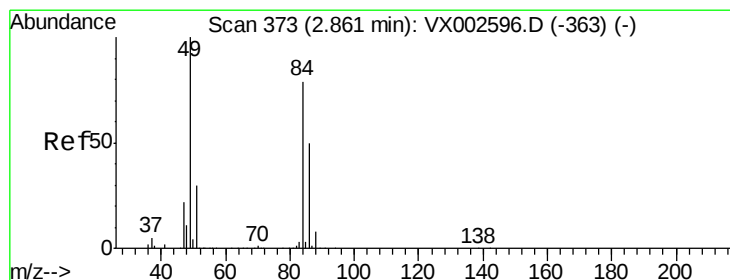
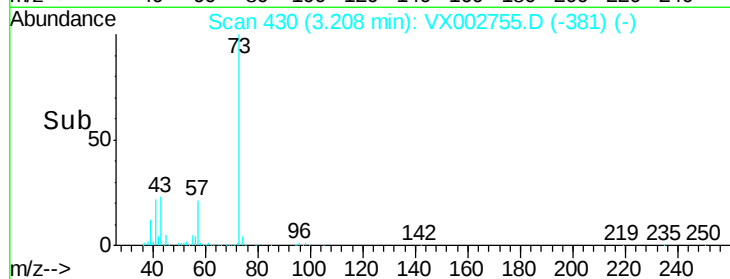
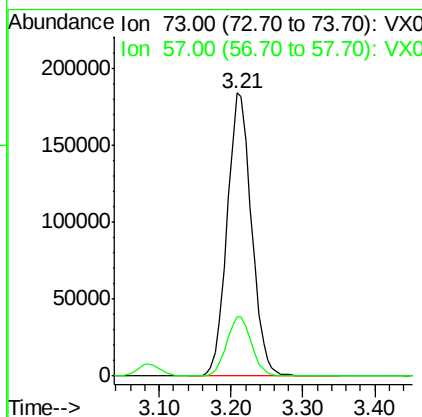
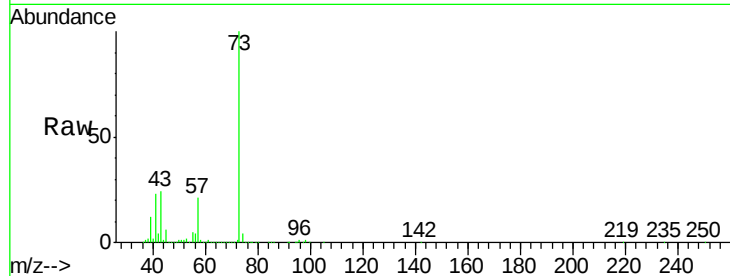
Methyl tert-butyl Ether
 Concen: 43.66 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	73	Resp	433318
Ion Ratio	Lower	Upper	
73	100		
57	20.9	17.7	26.5

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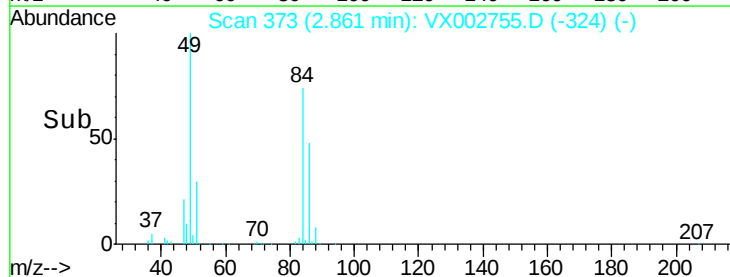
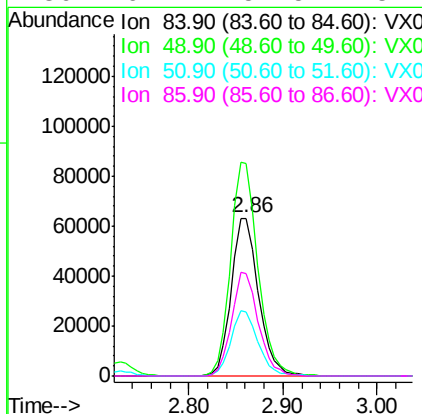
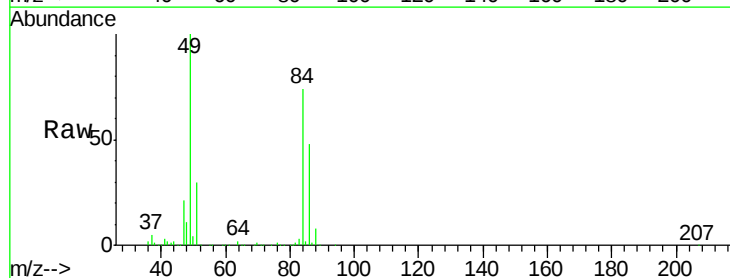
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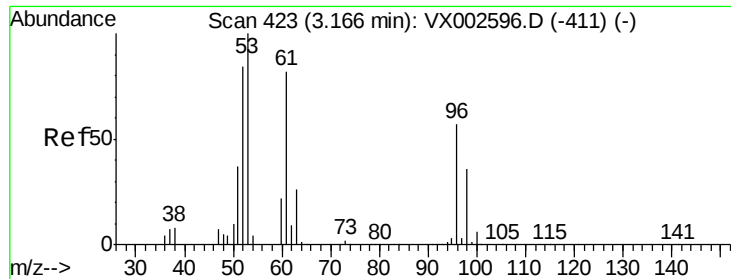


#20

Methylene Chloride
 Concen: 39.20 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	84	Resp	127598
Ion Ratio	Lower	Upper	
84	100		
49	134.5	107.8	161.6
51	40.3	32.8	49.2
86	64.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 43.59 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

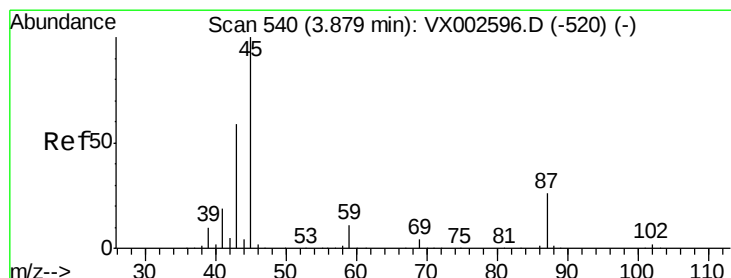
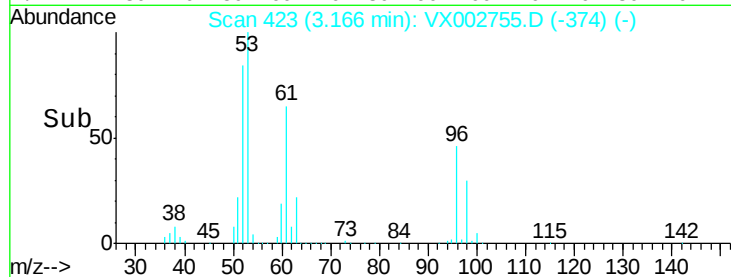
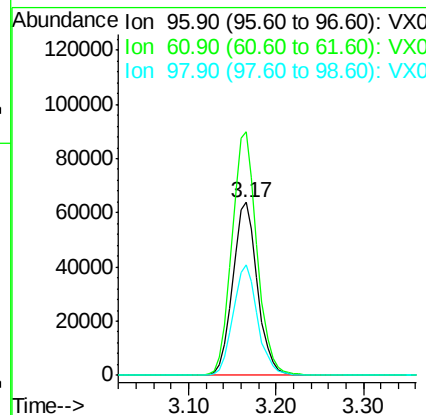
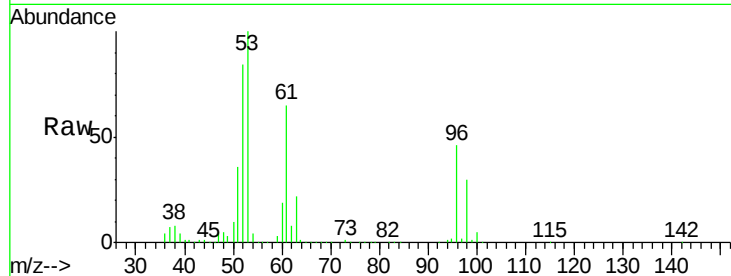
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	125113
Ion Ratio	Lower	Upper	
96	100		
61	140.8	117.0	175.4
98	64.0	52.4	78.6

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#22

Diisopropyl ether

Concen: 44.93 ug/l

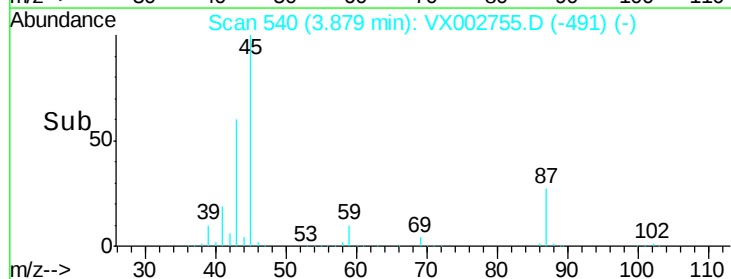
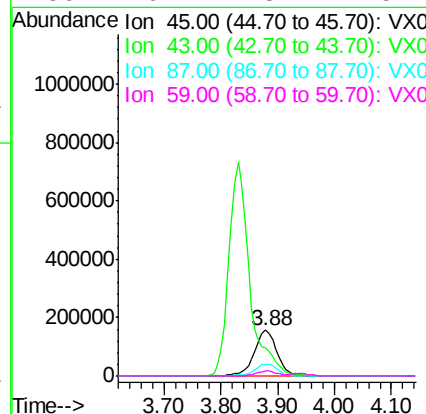
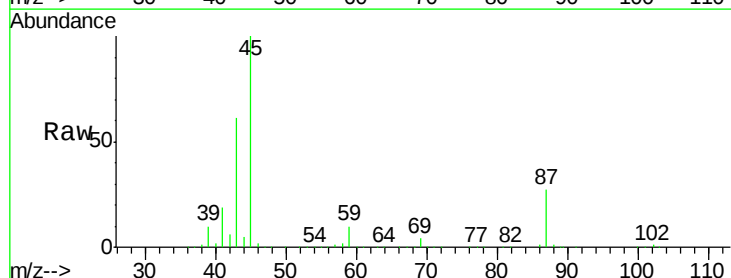
RT: 3.88 min Scan# 540

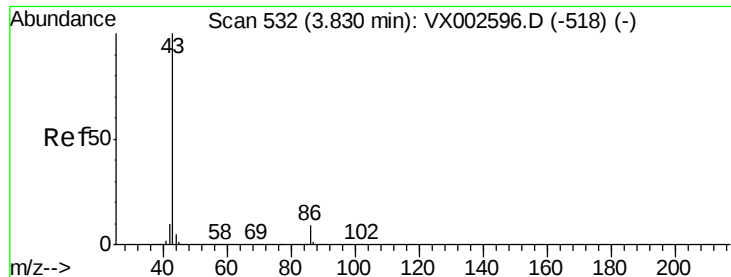
Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	45	Resp:	427054
Ion Ratio	Lower	Upper	
45	100		
43	60.4	46.8	70.2
87	26.6	20.2	30.4
59	10.4	8.7	13.1





#23

Vinyl Acetate

Concen: 235.71 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1875110

Ion Ratio Lower Upper

43 100

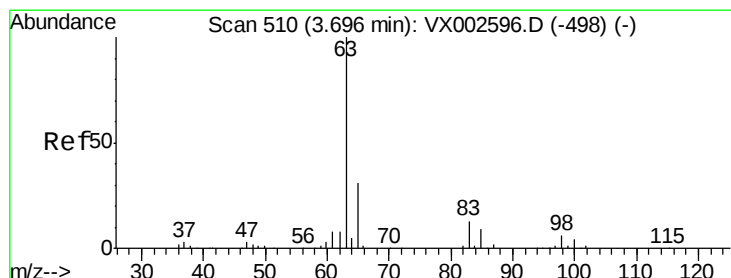
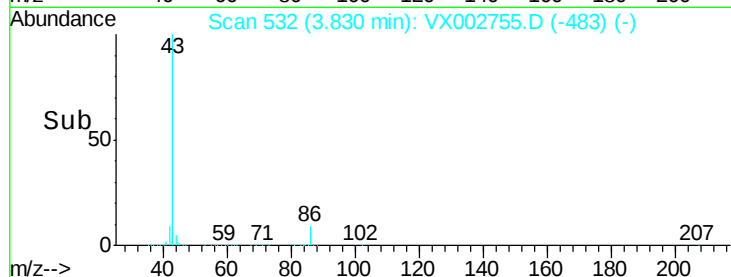
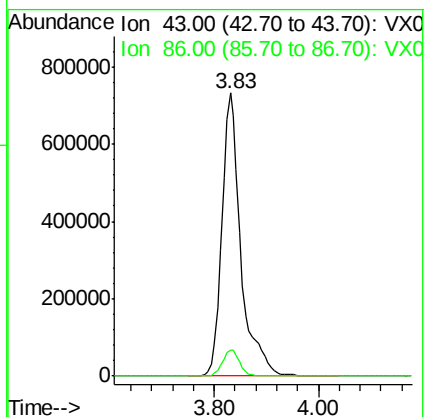
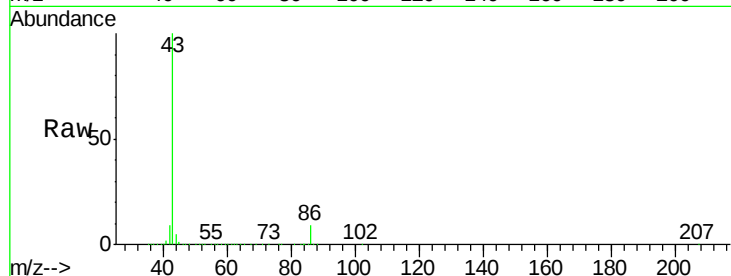
86 9.4 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 47.26 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

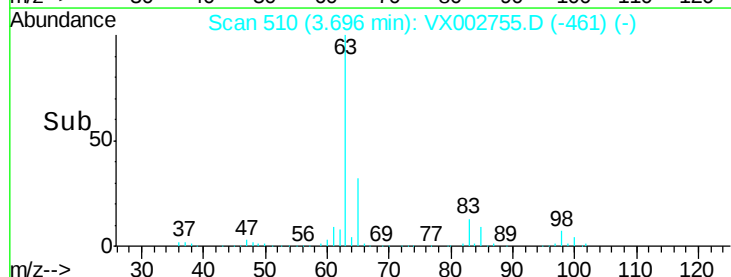
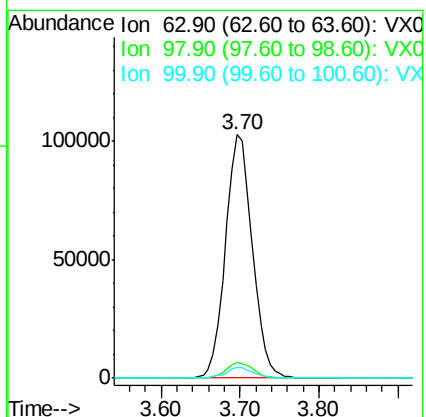
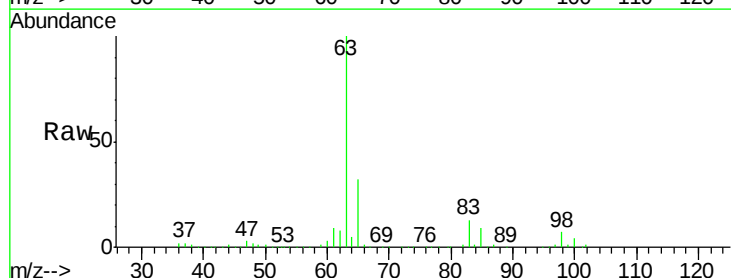
Tgt Ion: 63 Resp: 243823

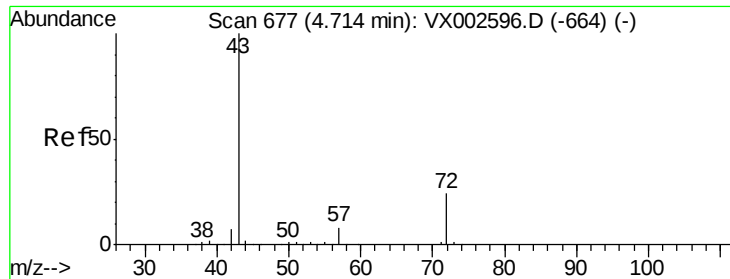
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 248.41 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 517935

Ion Ratio Lower Upper

43 100

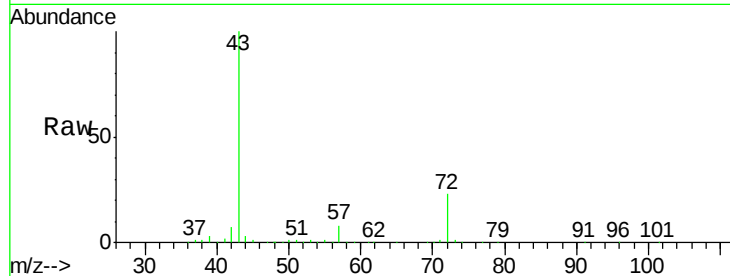
72 23.0 18.5 27.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

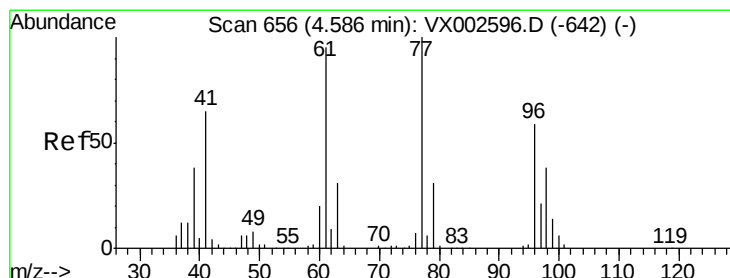
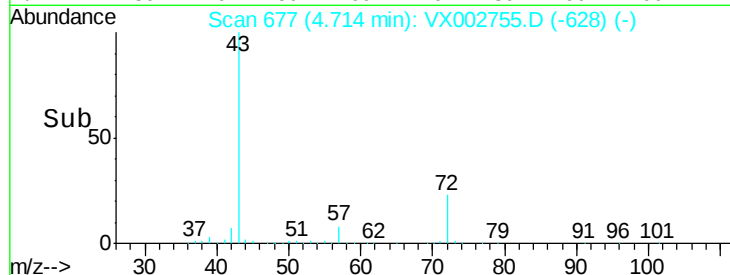
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.57 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002755.D

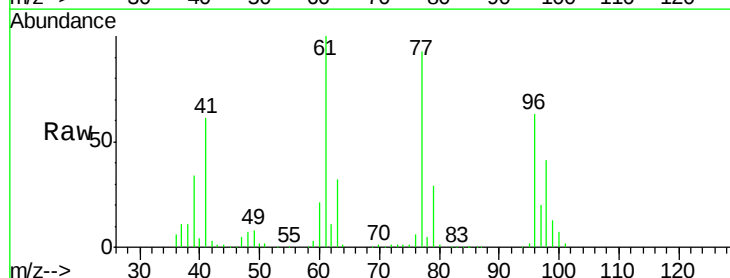
Acq: 20 Jun 2018 21:13

Tgt Ion: 77 Resp: 146696

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

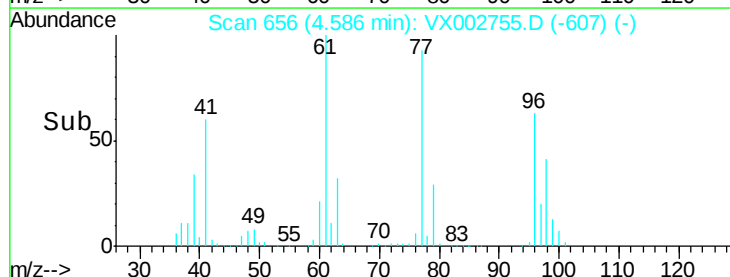
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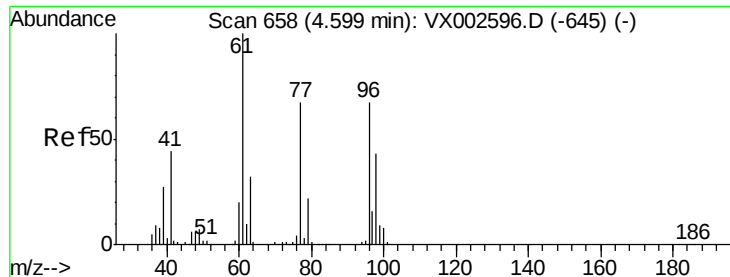
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 46.41 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

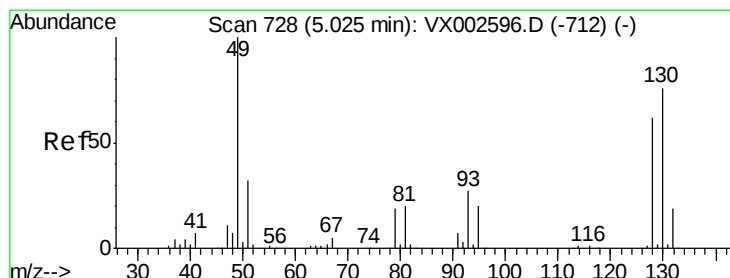
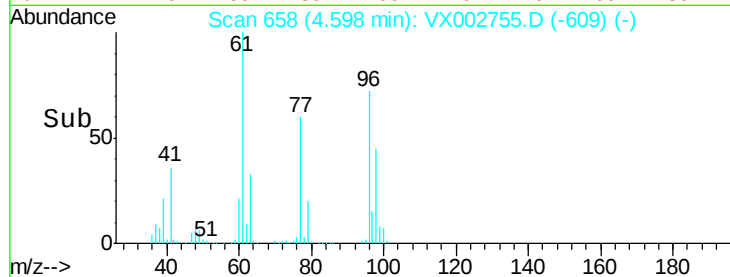
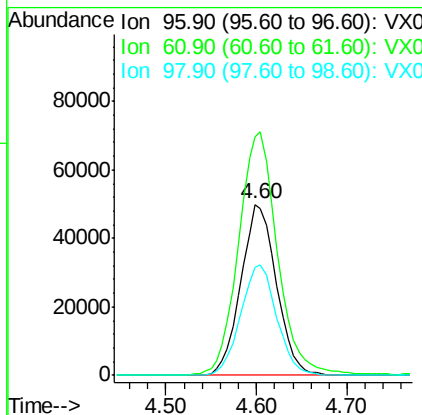
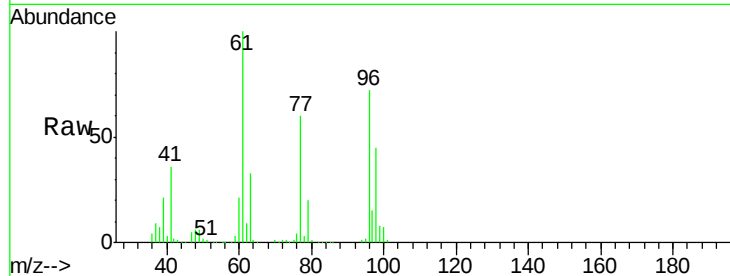
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	135551
Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	330.2
98	65.8	0.0	130.2

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#28

Bromochloromethane

Concen: 43.28 ug/l

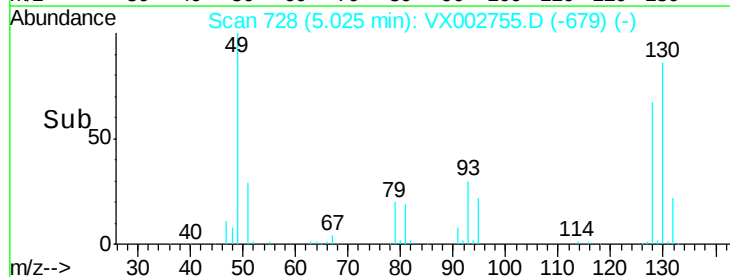
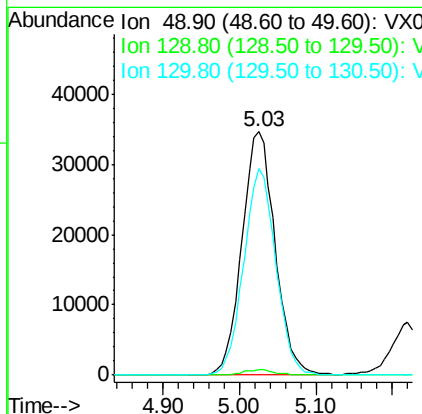
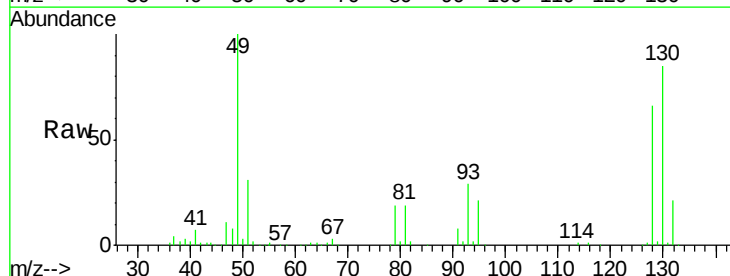
RT: 5.03 min Scan# 728

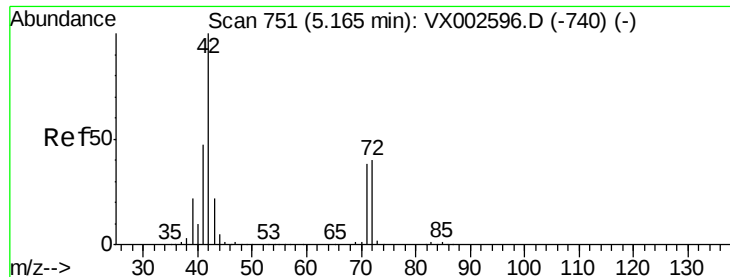
Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	49	Resp:	104553
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.2	61.2	91.8





#29

Tetrahydrofuran

Concen: 246.88 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

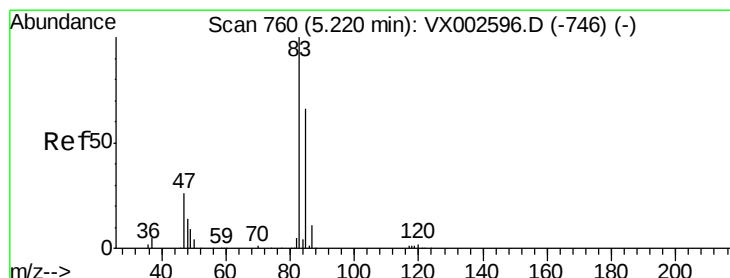
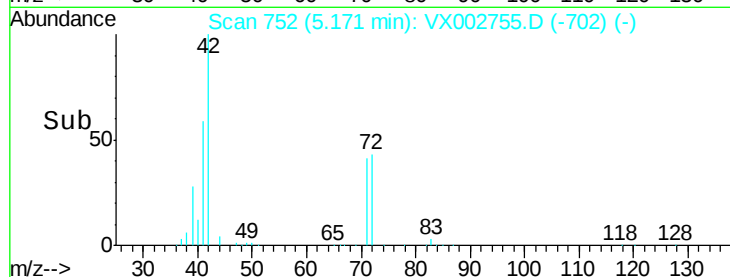
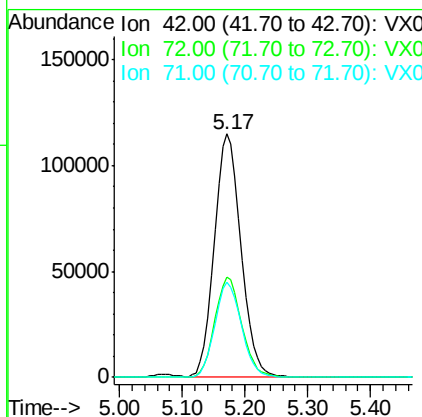
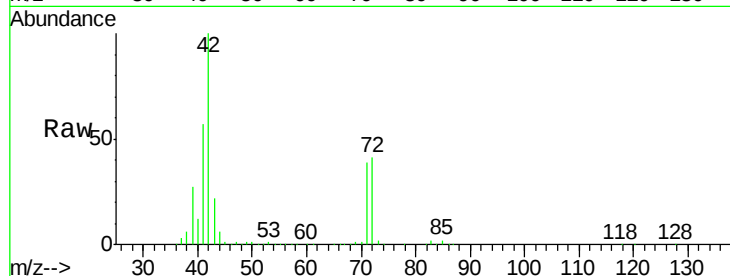
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	337345
Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	39.0	30.1	45.1

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#30

Chloroform

Concen: 48.53 ug/l

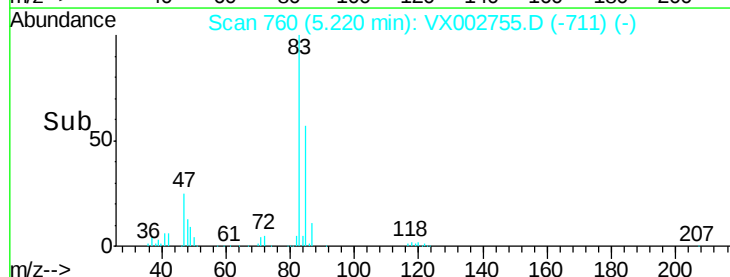
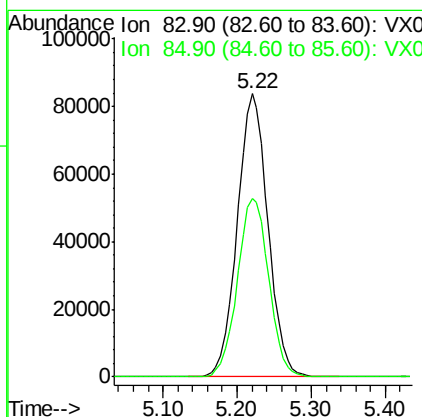
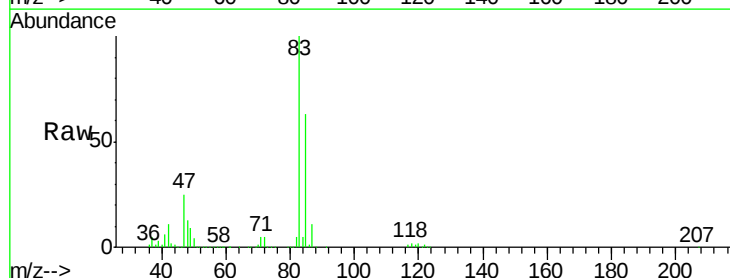
RT: 5.22 min Scan# 760

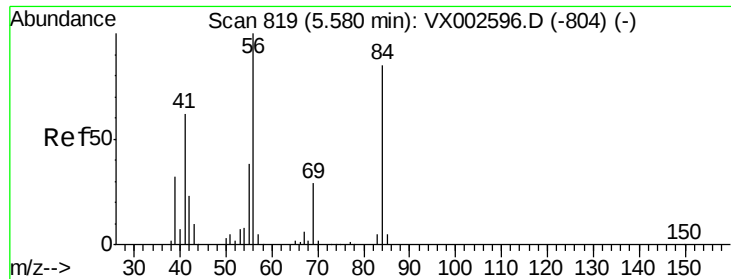
Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	83	Resp:	241435
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.4	75.6





#31

Cyclohexane

Concen: 46.92 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

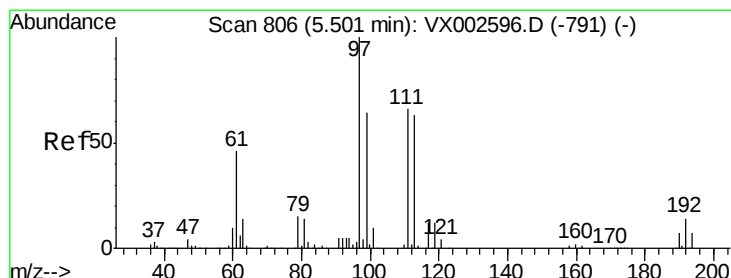
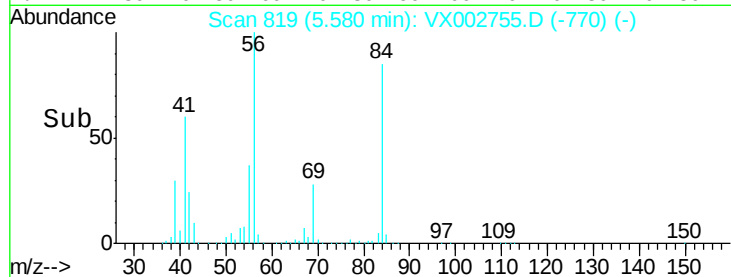
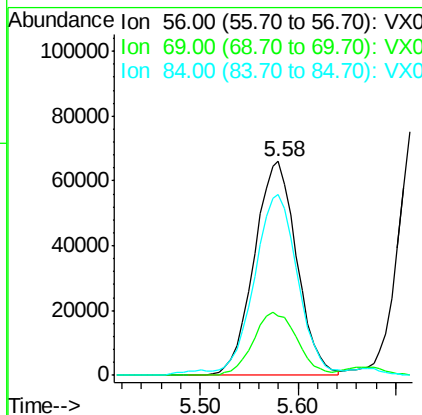
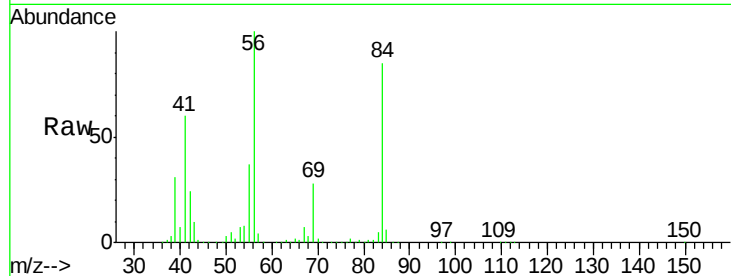
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	199299
Ion Ratio	Lower	Upper	
56	100		
69	28.0	23.7	35.5
84	83.1	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 52.06 ug/l

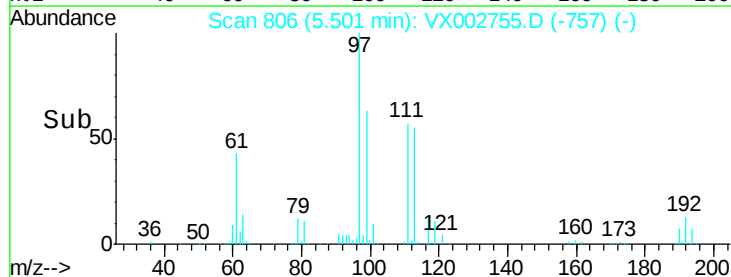
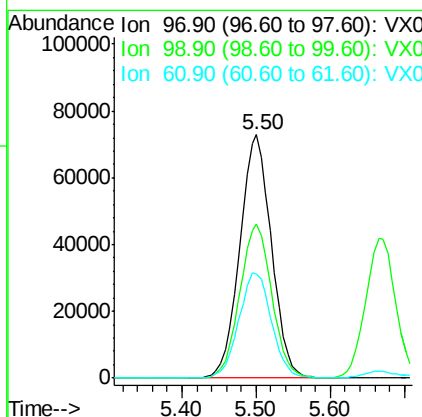
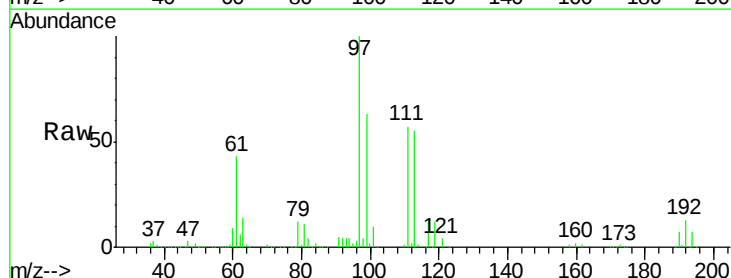
RT: 5.50 min Scan# 806

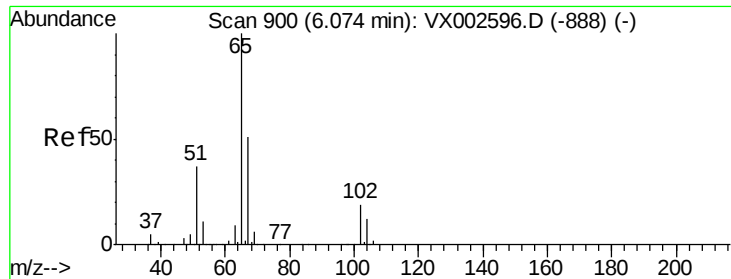
Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	97	Resp:	216595
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.6	77.4
61	44.8	36.4	54.6





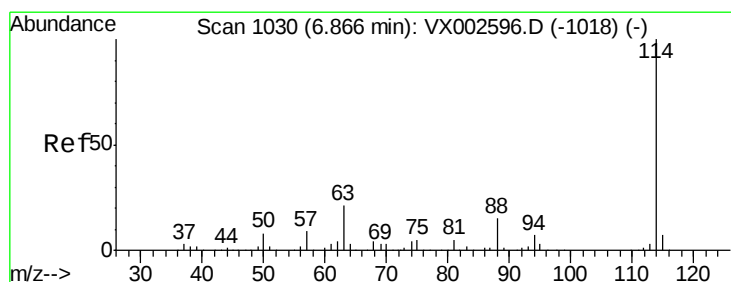
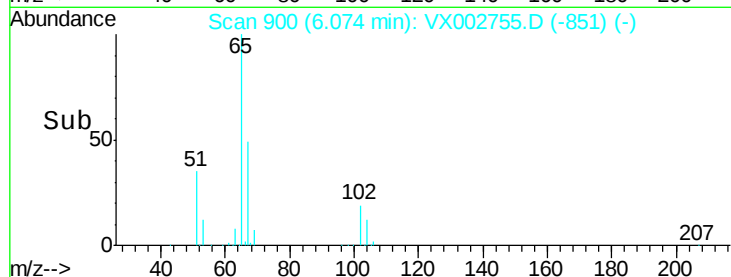
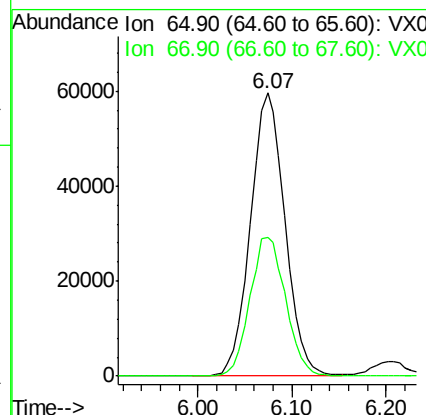
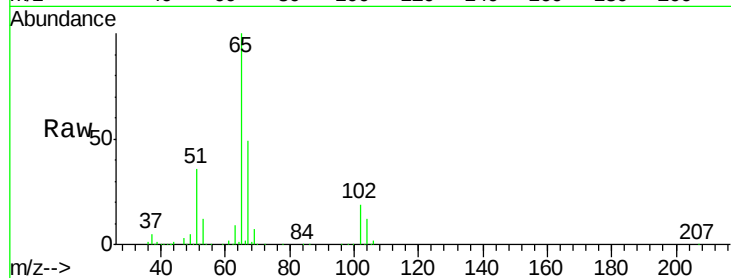
#33
 1,2-Dichloroethane-d4
 Concen: 42.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

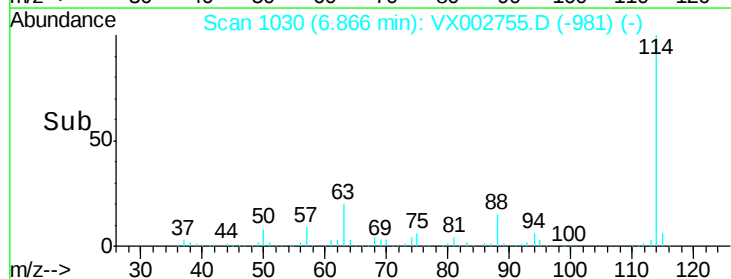
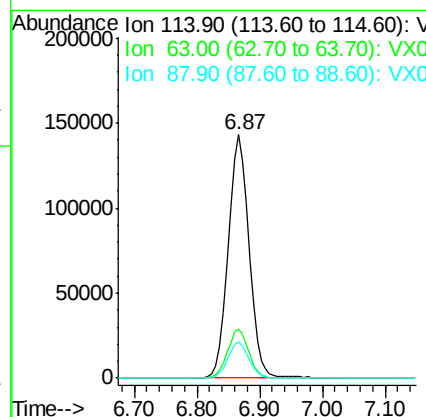
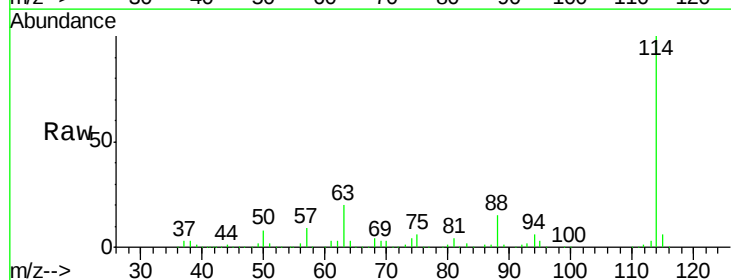
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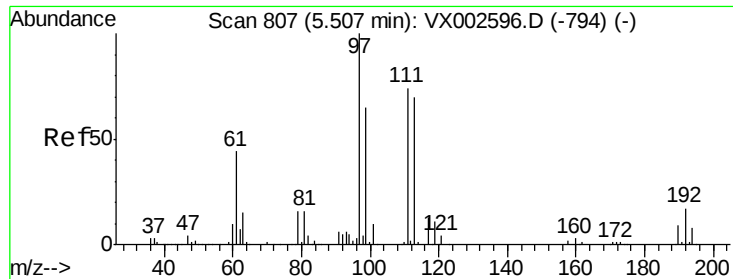
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	15.1	0.0	30.0





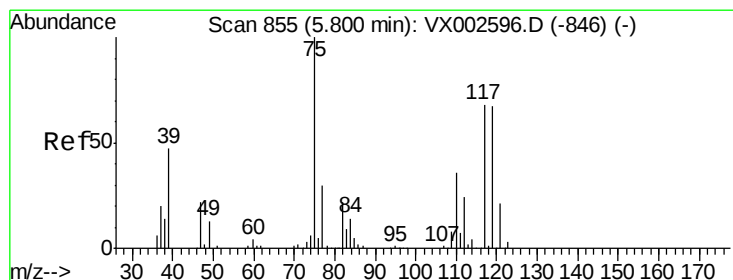
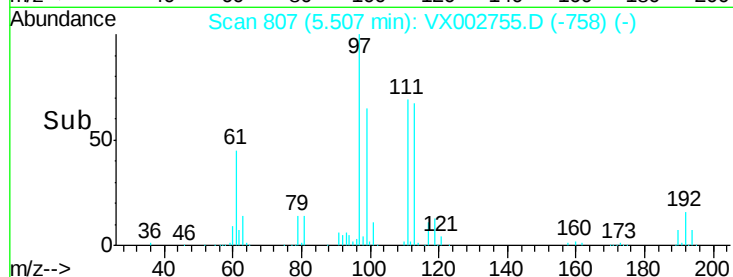
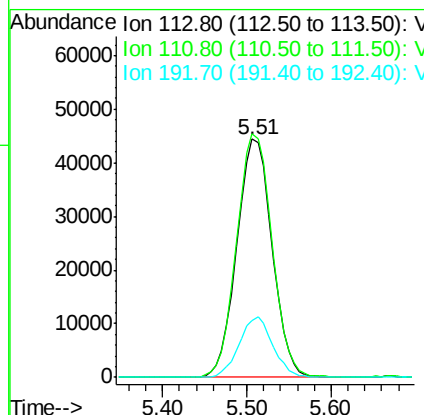
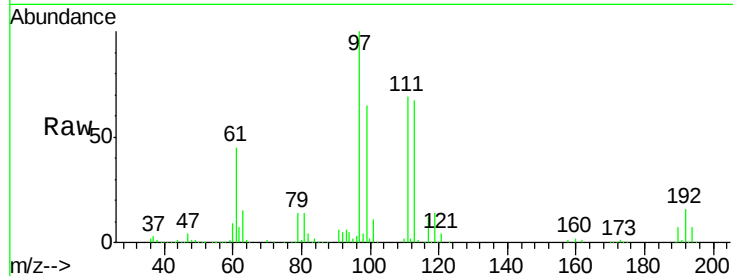
#35
 Dibromofluoromethane
 Concen: 47.62 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125745		
111	103.1	81.4	122.0	
192	24.1	19.1	28.7	

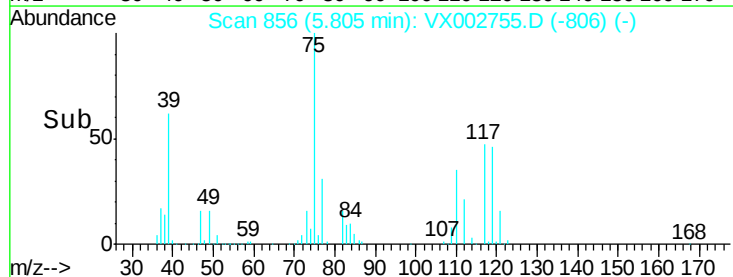
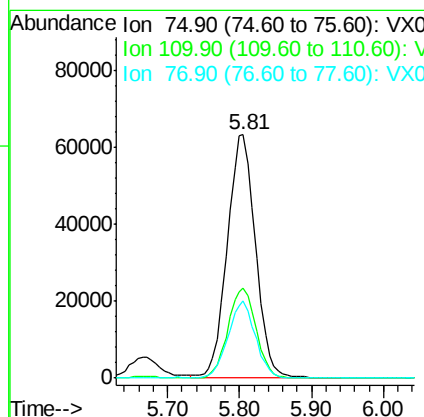
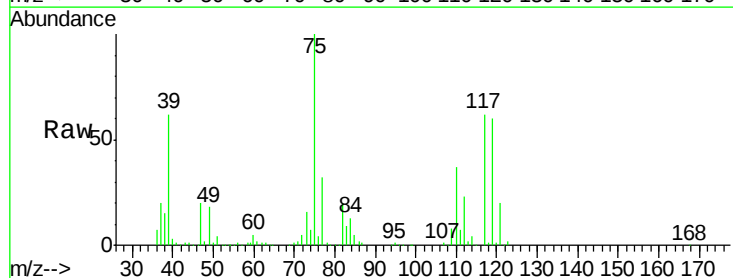
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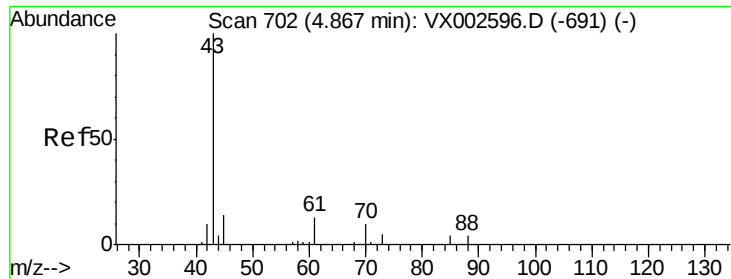
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#36
 1,1-Dichloropropene
 Concen: 48.97 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	172097		
110	36.9	18.1	54.4	
77	30.4	24.3	36.5	





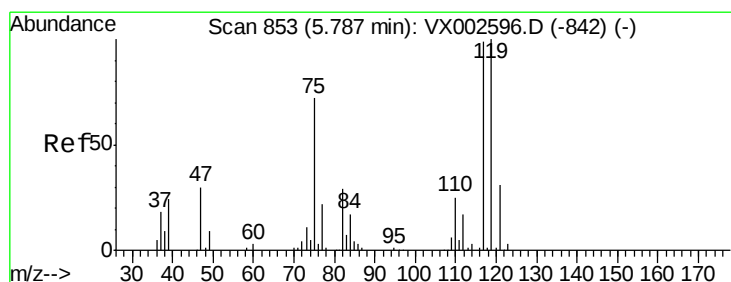
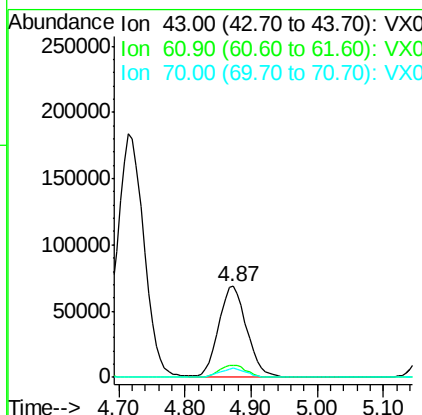
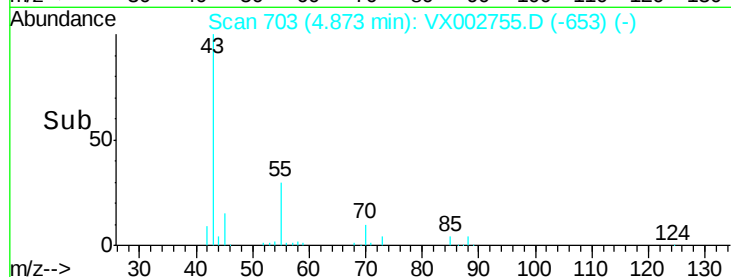
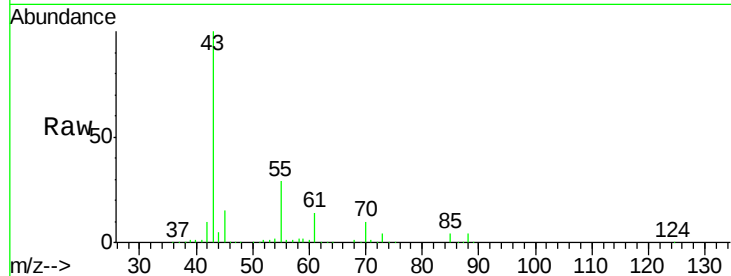
#37
Ethyl Acetate
Concen: 50.84 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	9.7	7.6	11.4

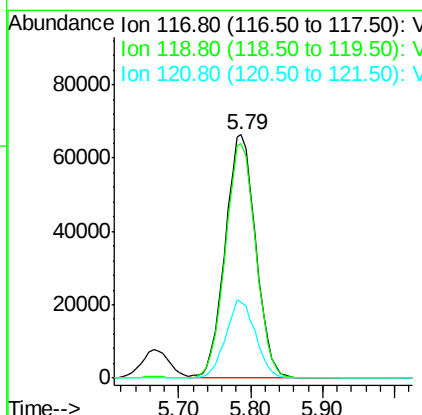
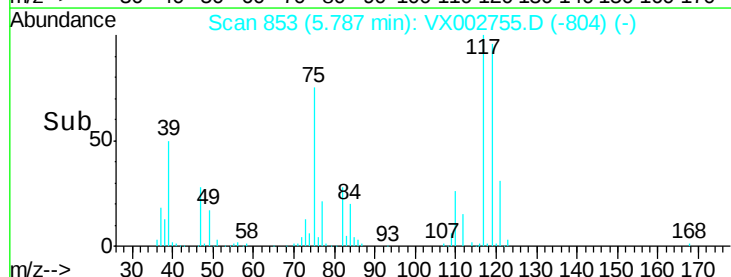
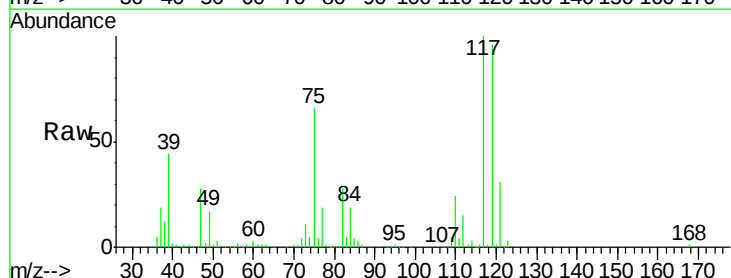
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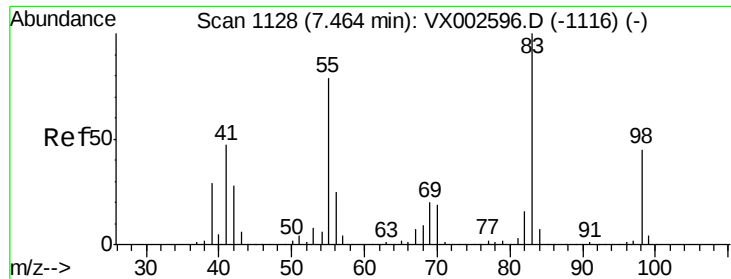
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#38
Carbon Tetrachloride
Concen: 55.80 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
121	31.3	24.4	36.6





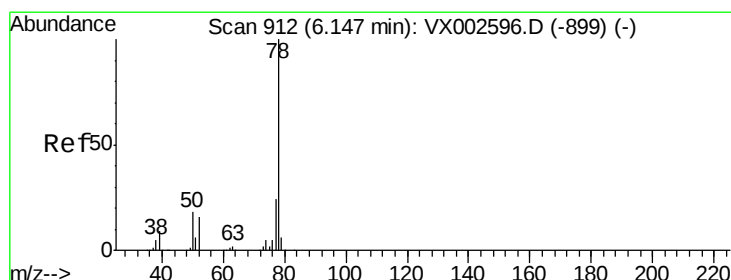
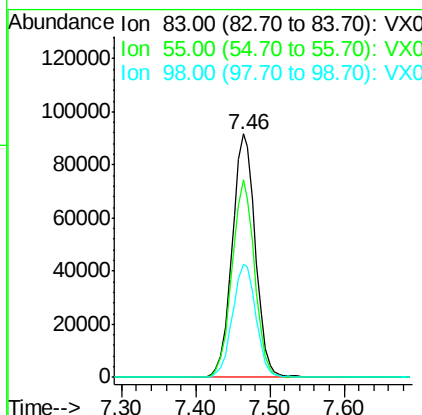
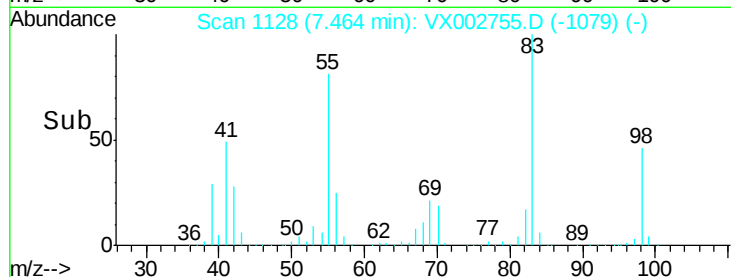
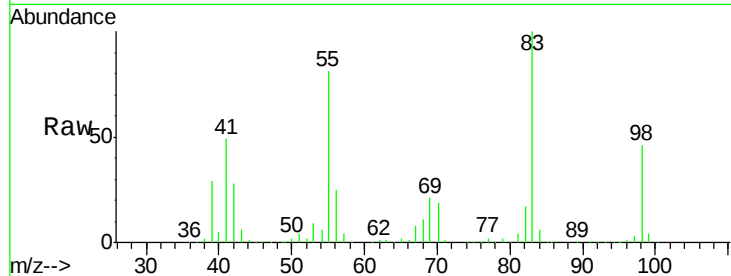
#39
Methvlcvclohexane
Concen: 48.49 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.4	98.0
98	46.4	37.4	56.0

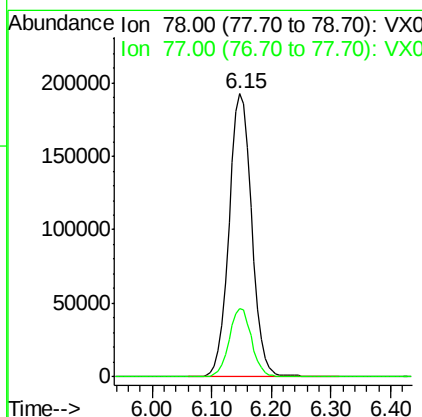
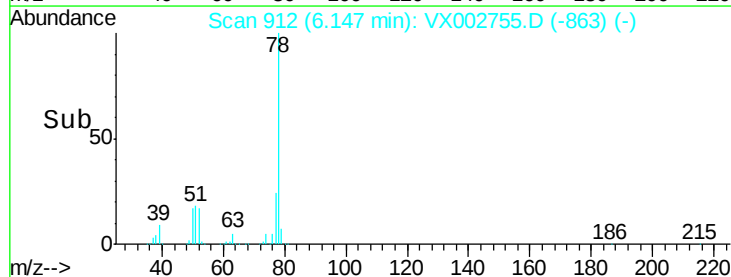
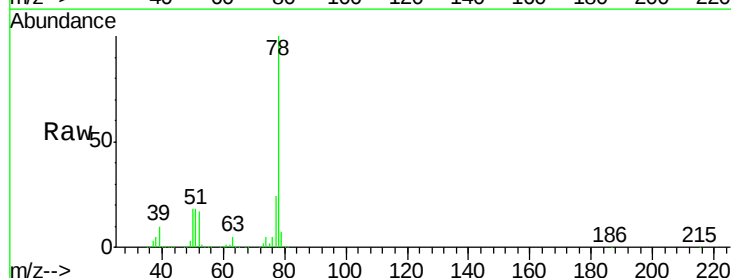
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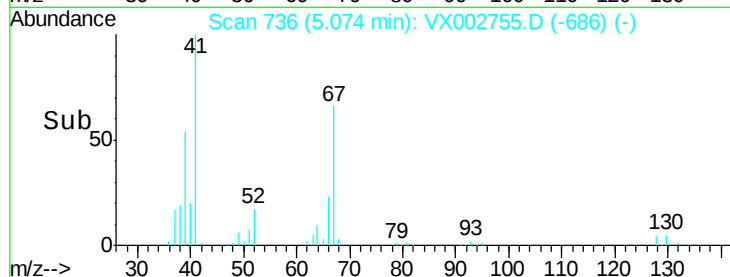
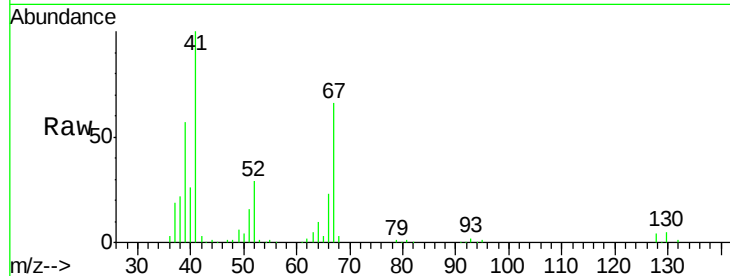
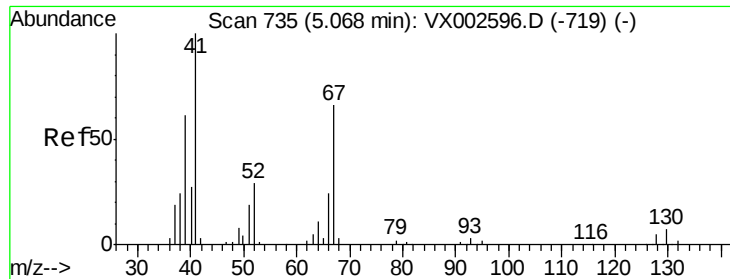
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#40
Benzene
Concen: 48.42 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





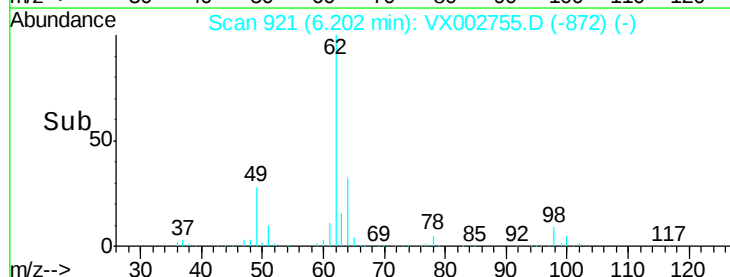
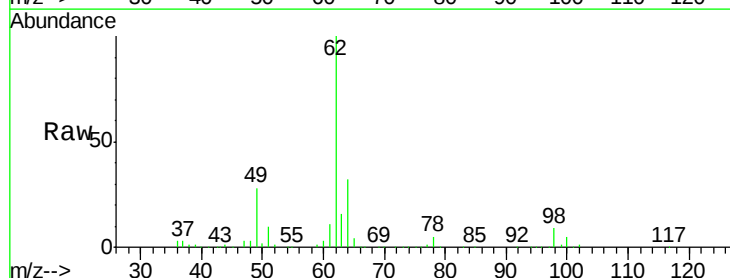
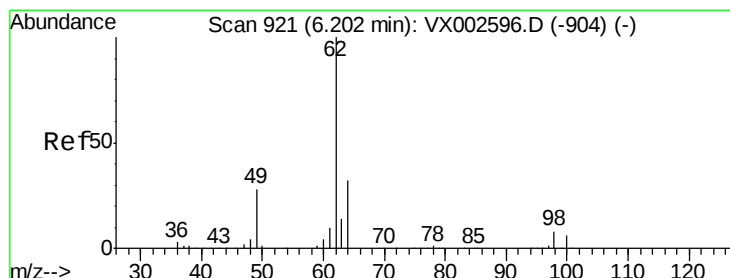
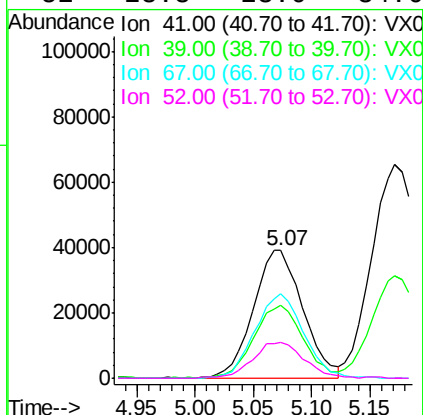
#41
Methacrylonitrile
Concen: 51.08 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	45.8	68.6	
67	65.6	51.3	76.9	
52	28.8	23.0	34.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

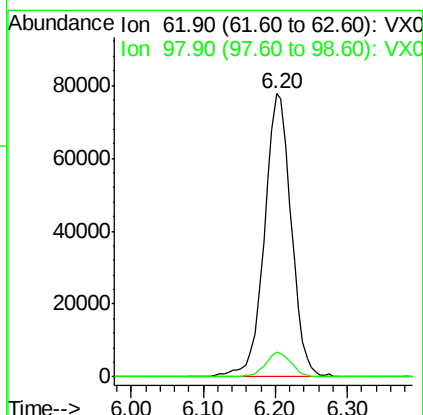
Manual Integrations
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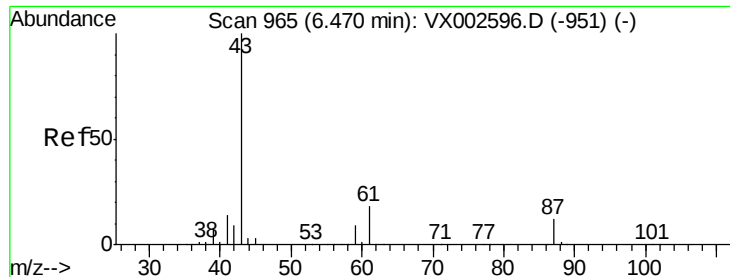
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#42
1,2-Dichloroethane
Concen: 49.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

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





#43

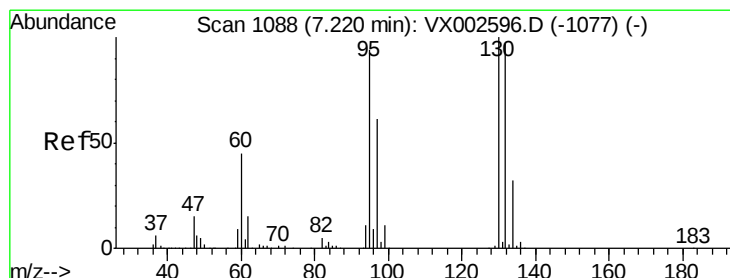
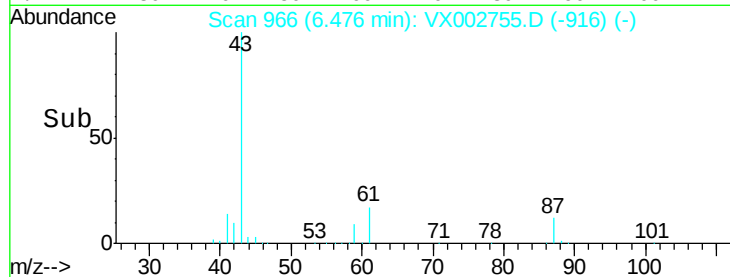
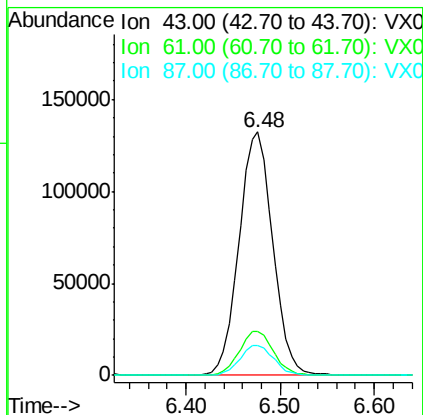
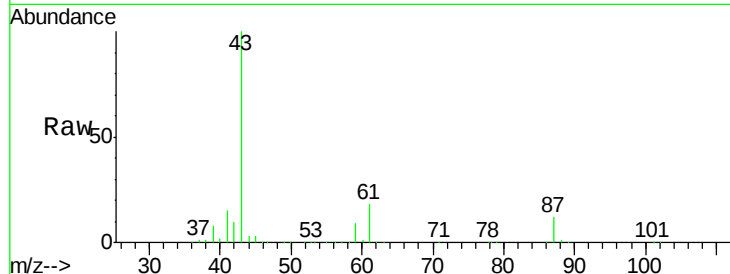
Isopropyl Acetate
 Concen: 49.96 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.4	9.5	14.3

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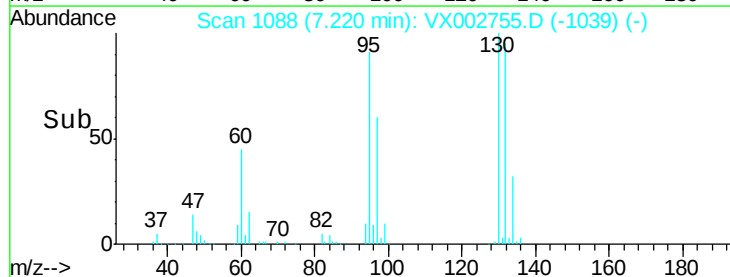
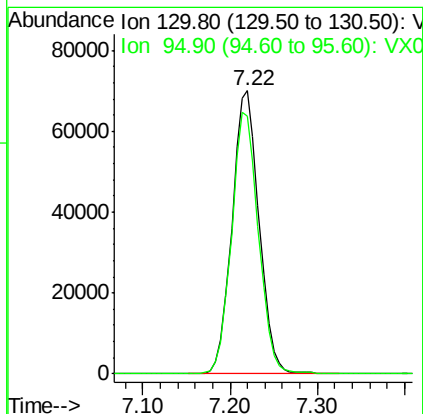
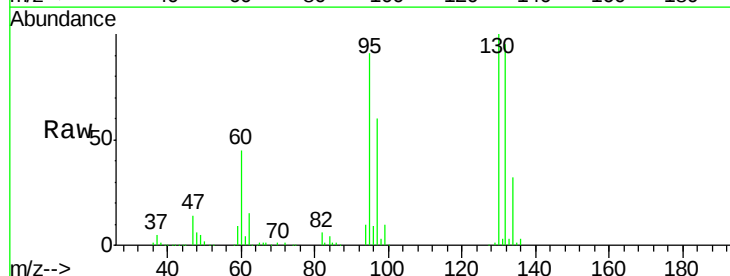
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#44

Trichloroethene
 Concen: 49.60 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	185.4





#45

1,2-Dichloropropane

Concen: 48.56 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 134661

Ion Ratio Lower Upper

63 100

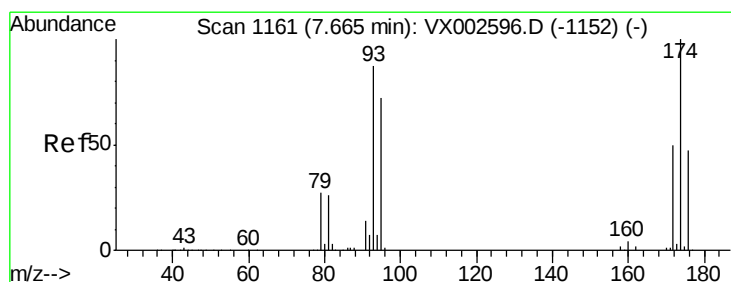
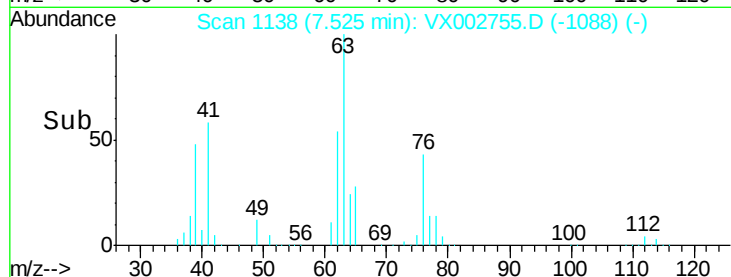
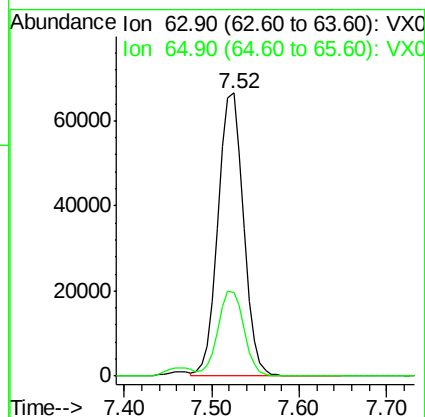
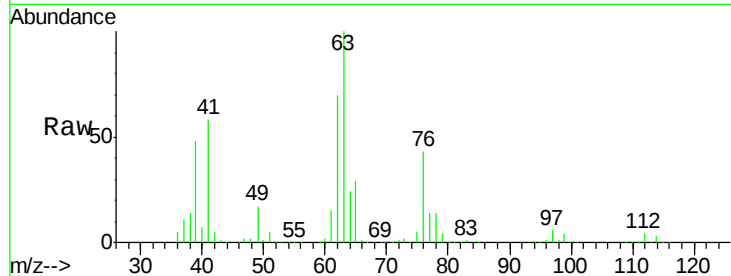
65 29.5 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 51.16 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

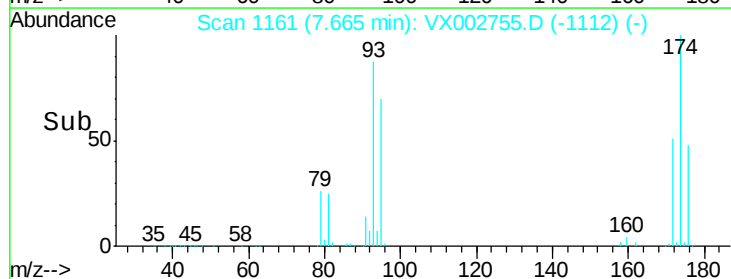
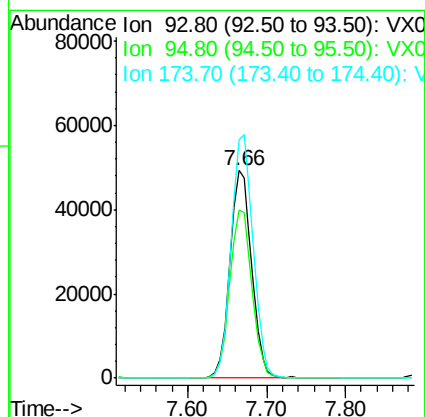
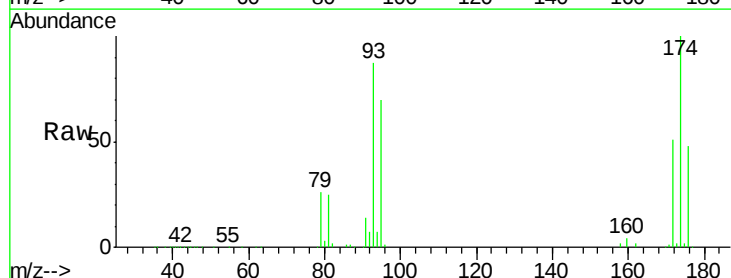
Tgt Ion: 93 Resp: 94912

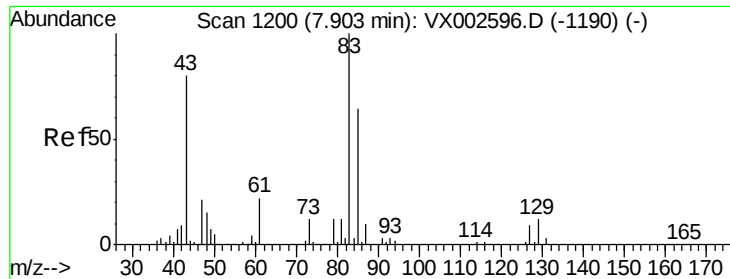
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 118.3 92.4 138.6





#47

Bromodichloromethane

Concen: 56.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

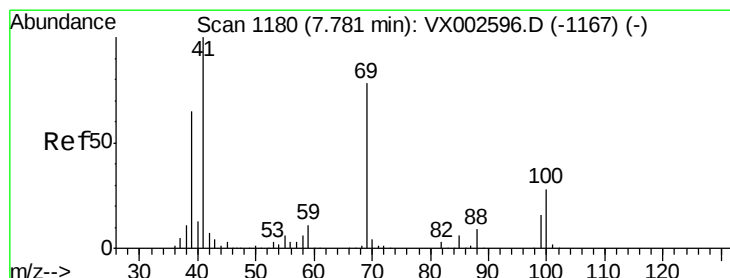
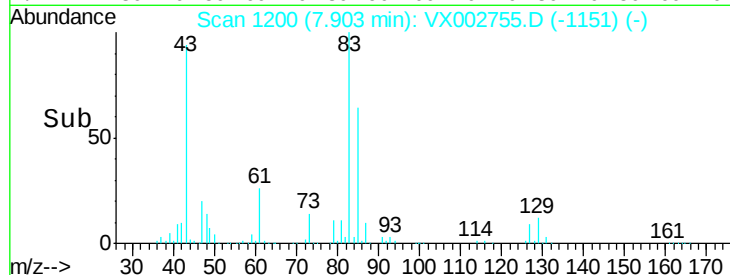
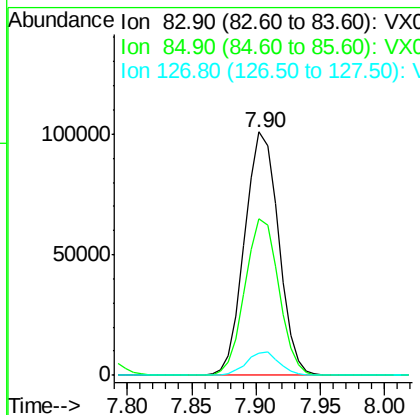
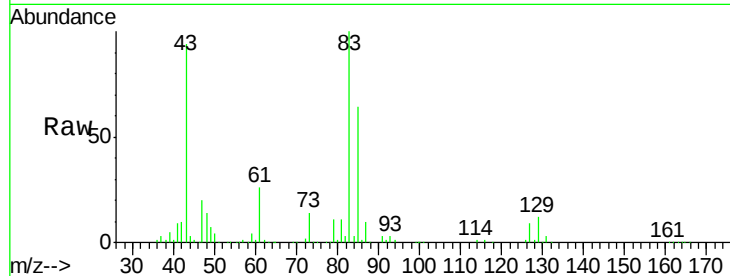
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	183860
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.3	75.5
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 50.44 ug/l

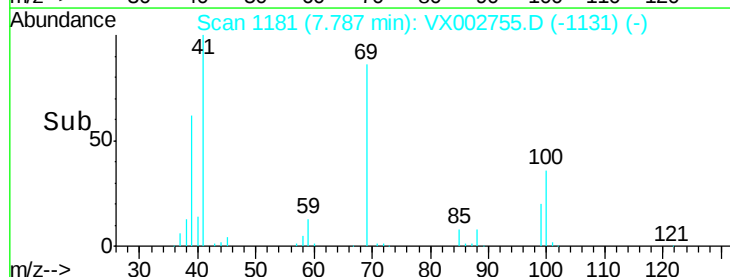
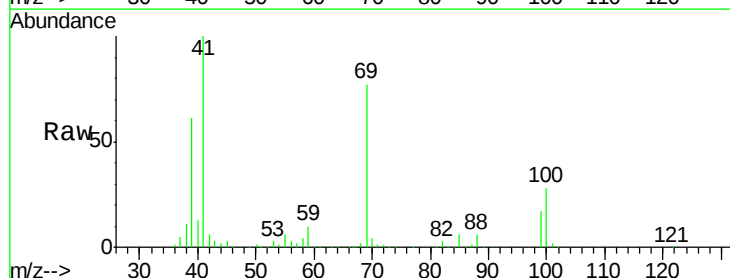
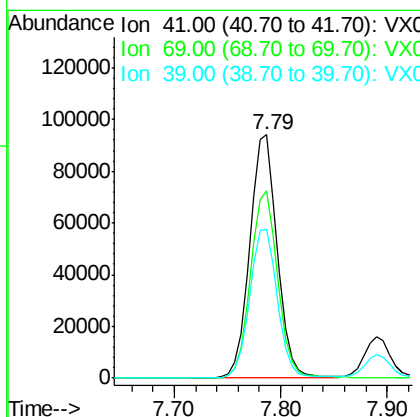
RT: 7.79 min Scan# 1181

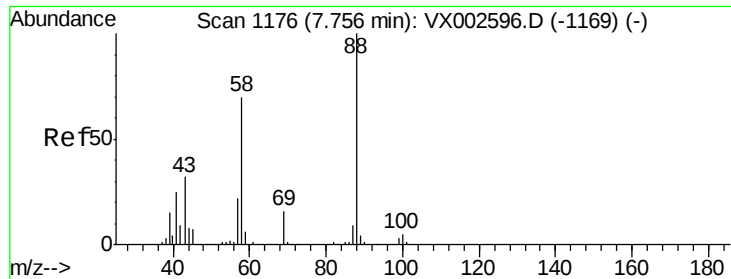
Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	41	Resp:	169881
Ion Ratio	Lower	Upper	
41	100		
69	77.3	59.1	88.7
39	62.0	48.9	73.3





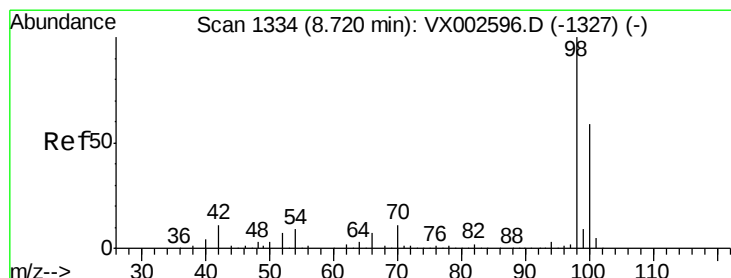
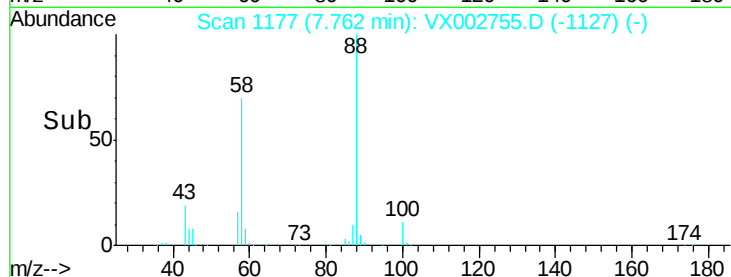
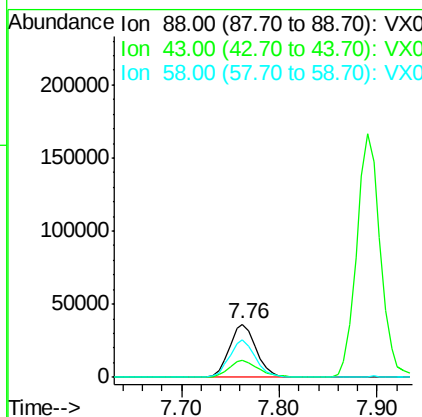
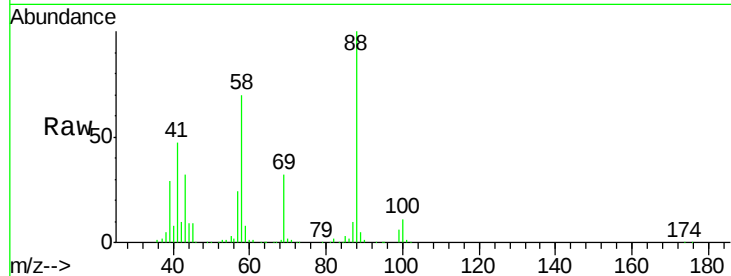
#49
1,4-Dioxane
Concen: 1075.59 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.8	44.6
58	69.6	57.1	85.7

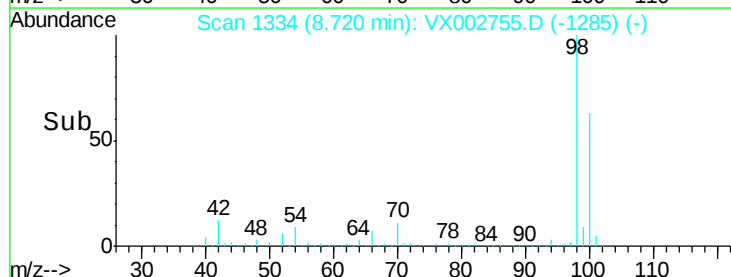
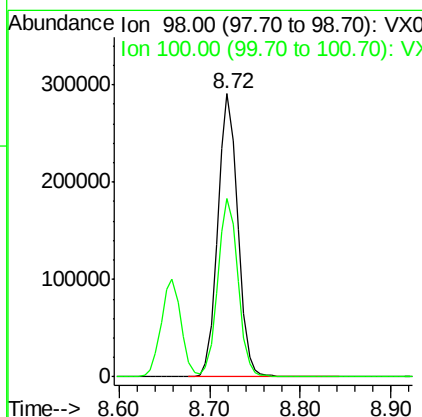
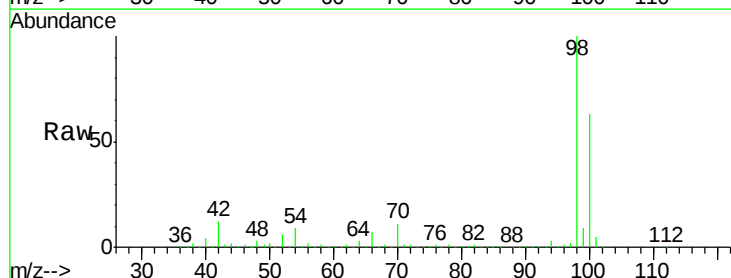
Manual Integrations
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#50
Toluene-d8
Concen: 44.72 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 258.55 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1094015

Ion Ratio Lower Upper

43 100

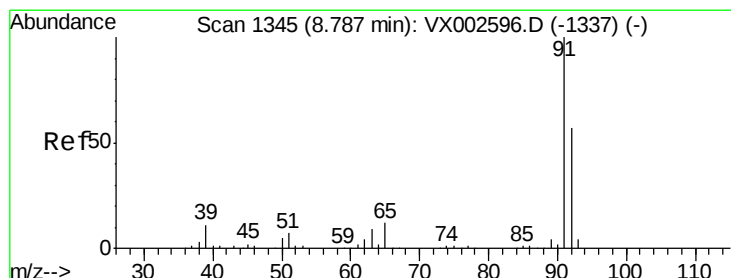
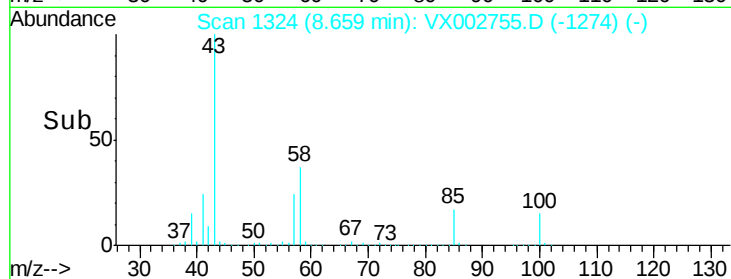
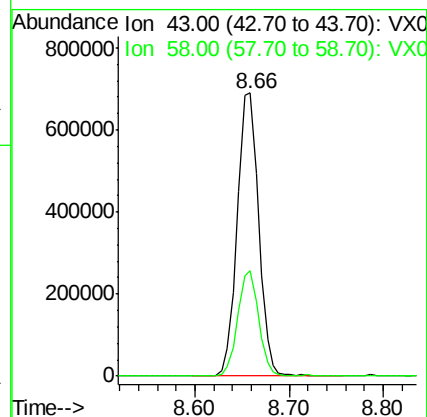
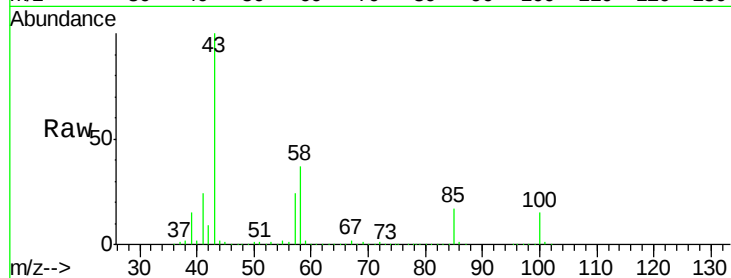
58 36.2 28.6 42.8

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#52

Toluene

Concen: 49.50 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002755.D

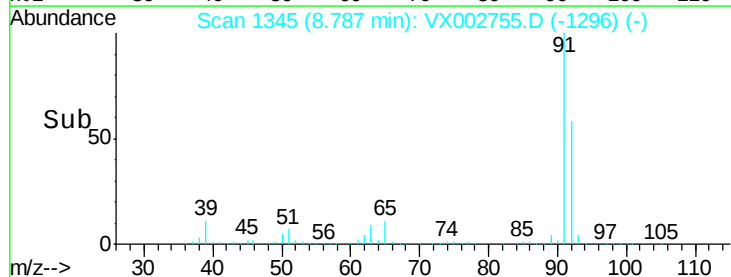
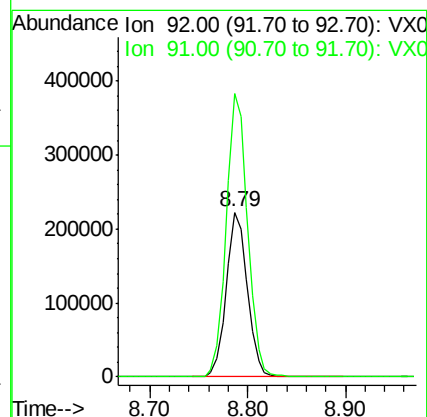
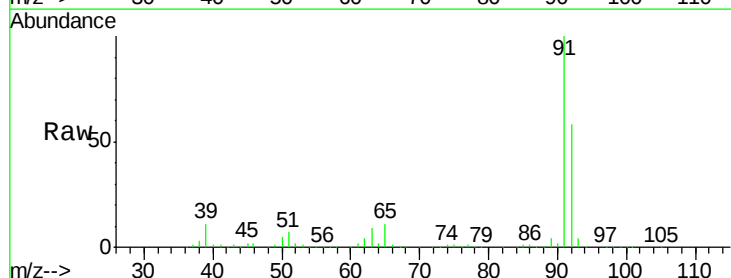
Acq: 20 Jun 2018 21:13

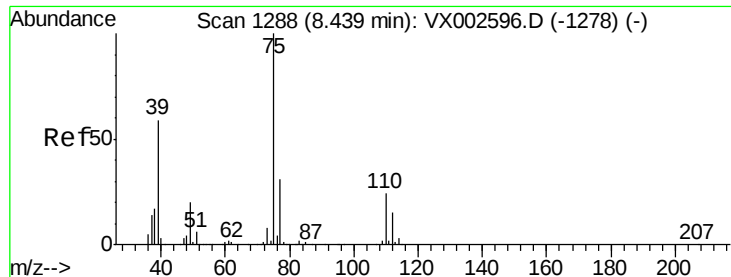
Tgt Ion: 92 Resp: 332714

Ion Ratio Lower Upper

92 100

91 174.6 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 46.93 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 75 Resp: 202579

Ion Ratio Lower Upper

75 100

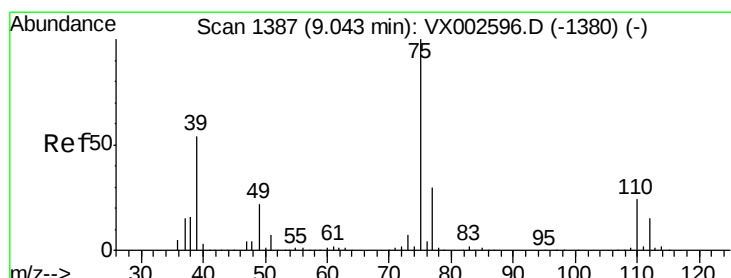
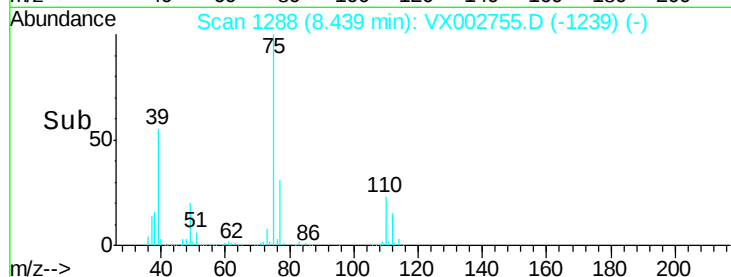
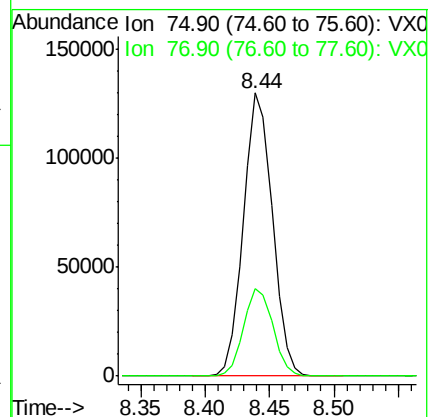
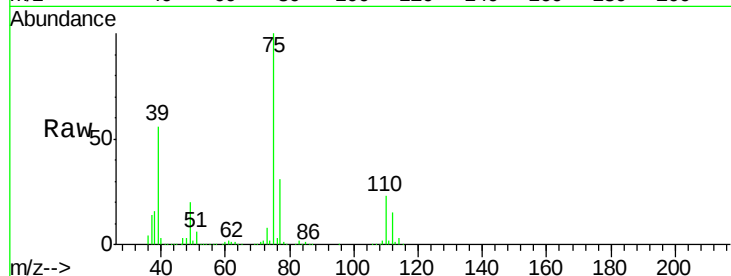
77 31.1 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 45.99 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

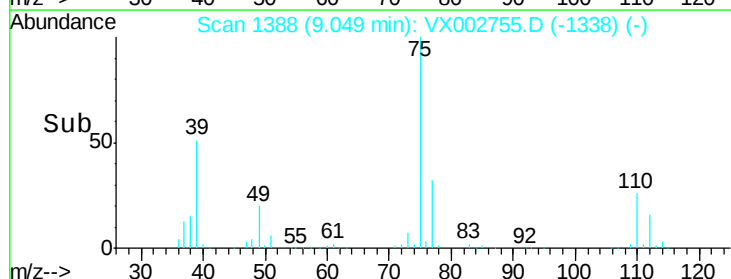
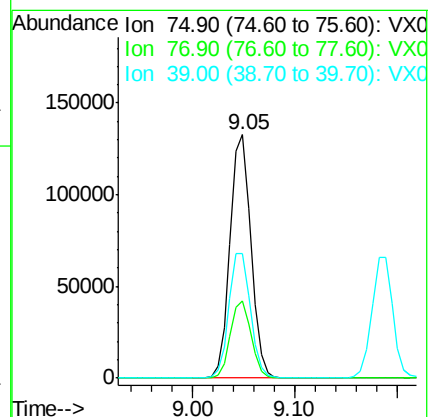
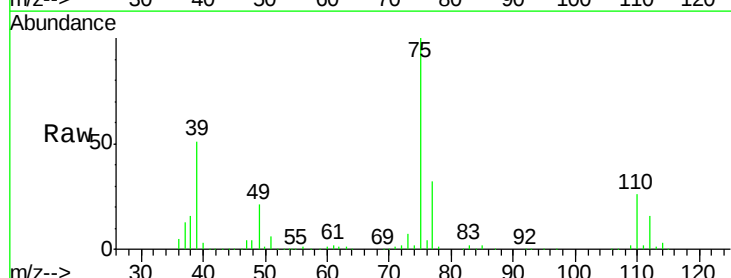
Tgt Ion: 75 Resp: 188862

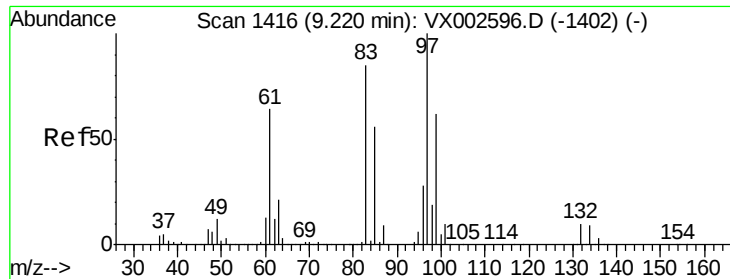
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 51.0 42.4 63.6





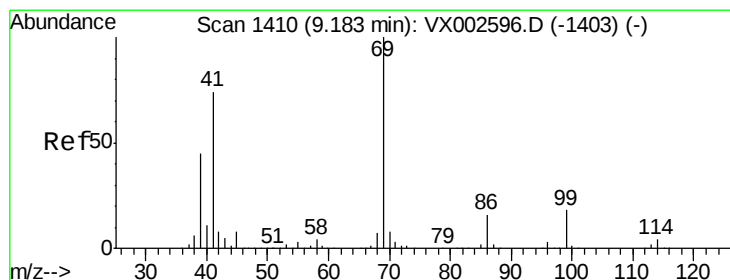
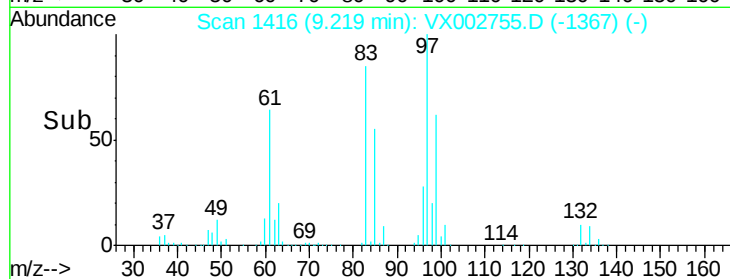
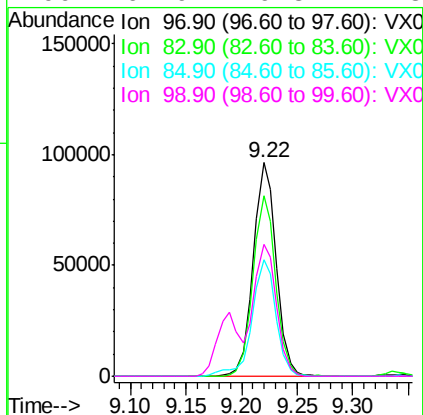
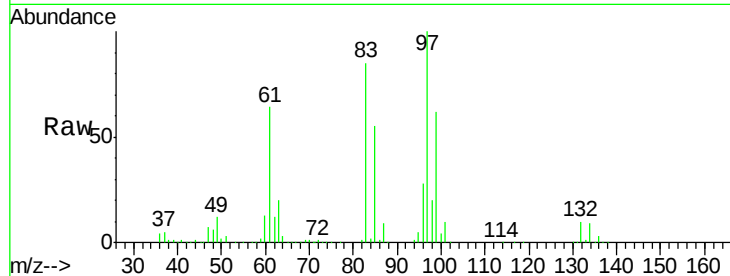
#55
 1,1,2-Trichloroethane
 Concen: 51.06 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	138682
Ion Ratio	Lower	Upper	
97	100		
83	84.7	70.2	105.2
85	54.7	44.9	67.3
99	61.9	49.8	74.8

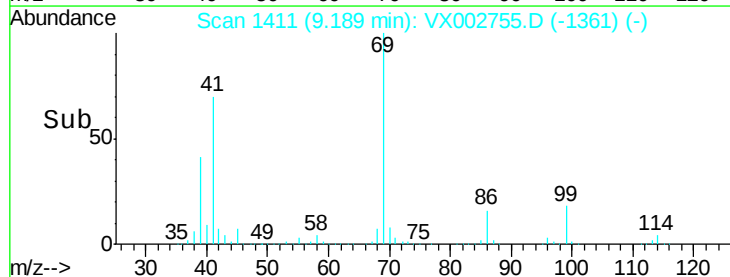
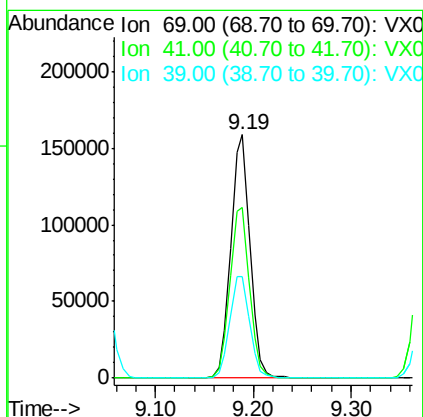
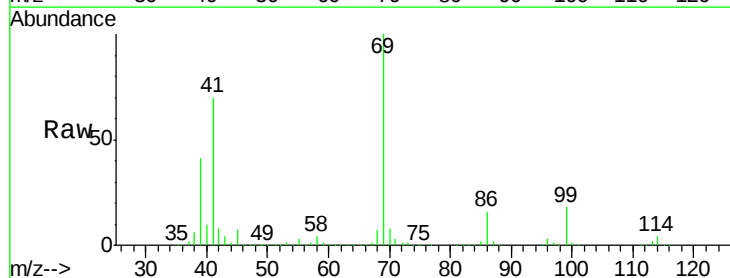
Manual Integrations
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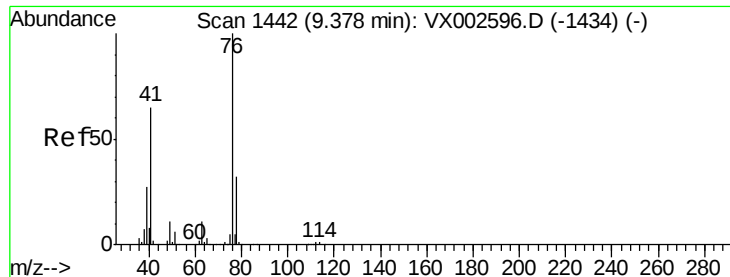
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#56
 Ethyl methacrylate
 Concen: 51.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion:	69	Resp:	216028
Ion Ratio	Lower	Upper	
69	100		
41	72.1	60.3	90.5
39	43.4	35.8	53.8





#57

1,3-Dichloropropane

Concen: 48.91 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 224672

Ion Ratio Lower Upper

76 100

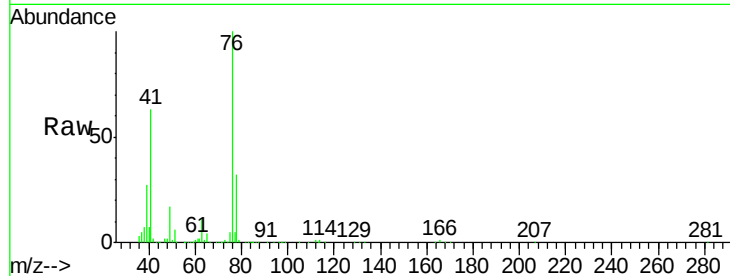
78 32.3 25.8 38.6

Manual Integrations

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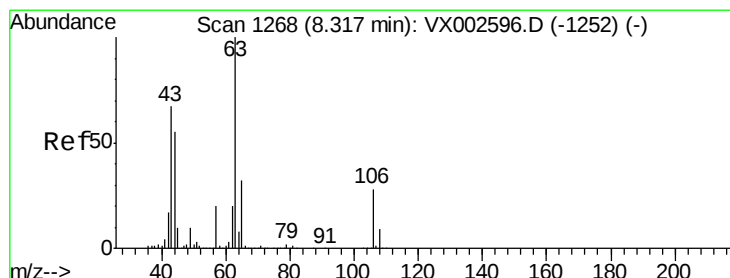
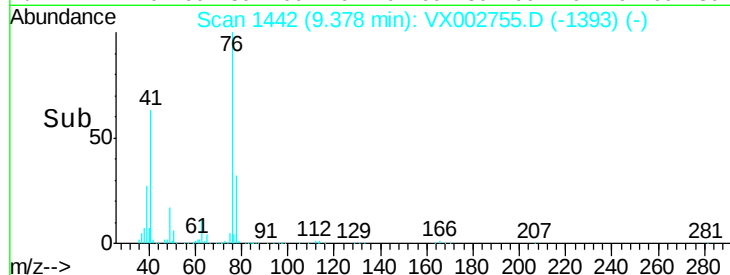
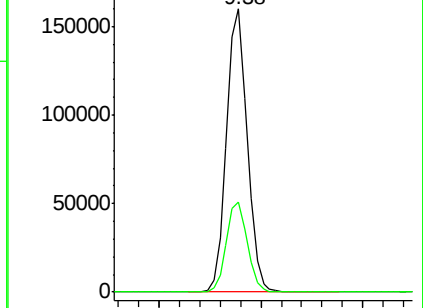
apatel

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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: 214.68 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002755.D

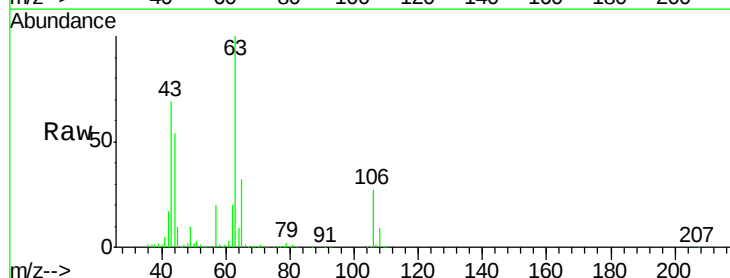
Acq: 20 Jun 2018 21:13

Tgt Ion: 63 Resp: 434018

Ion Ratio Lower Upper

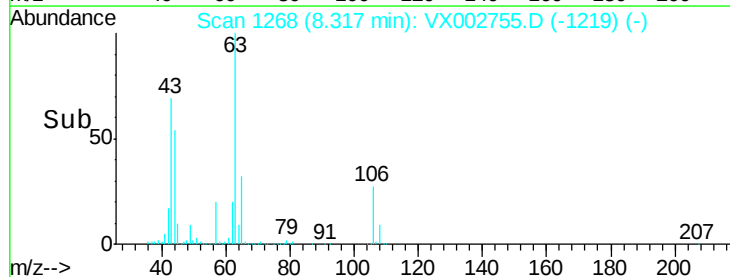
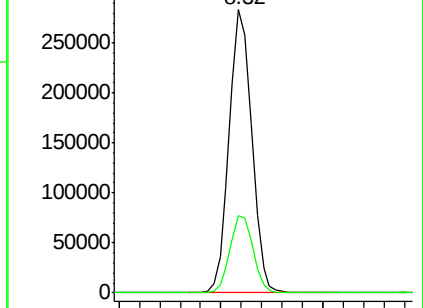
63 100

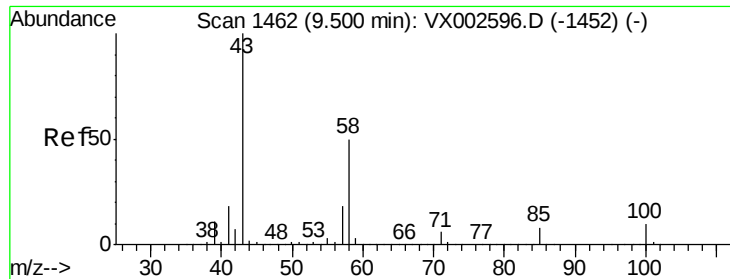
106 27.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





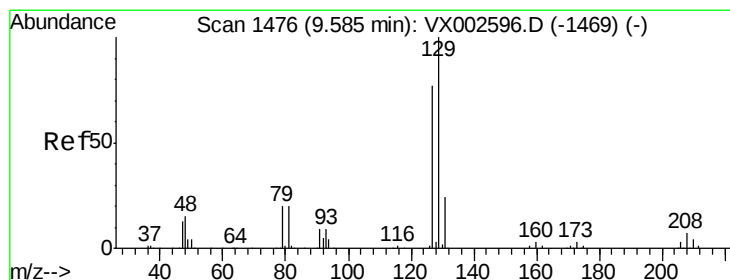
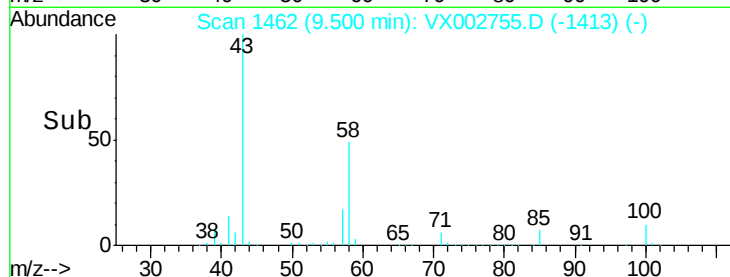
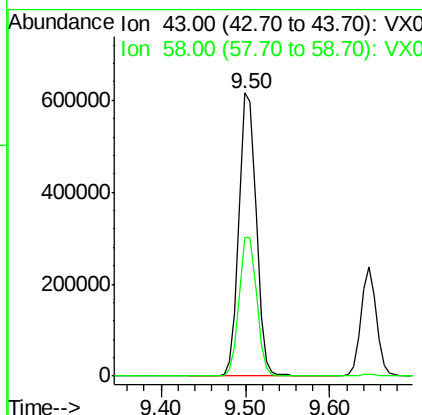
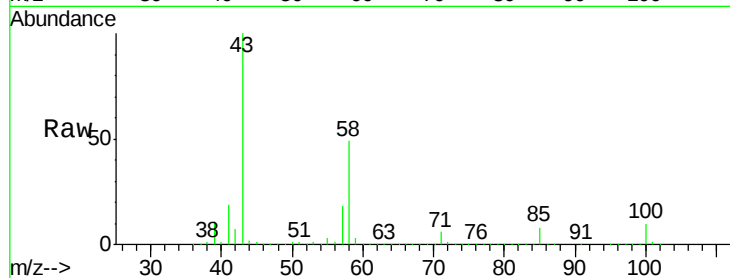
#59
2-Hexanone
Concen: 264.69 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.1	24.6	73.6

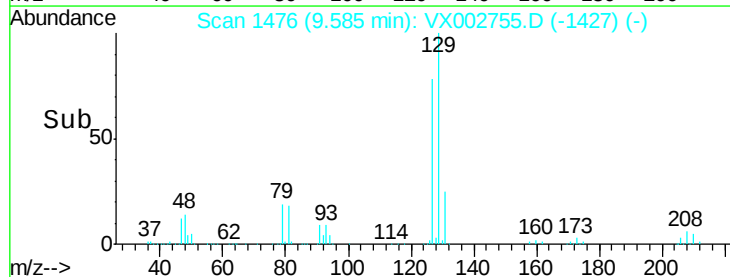
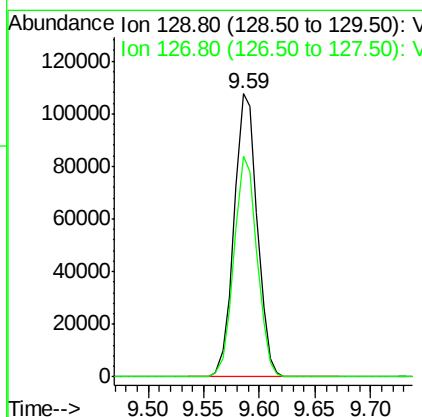
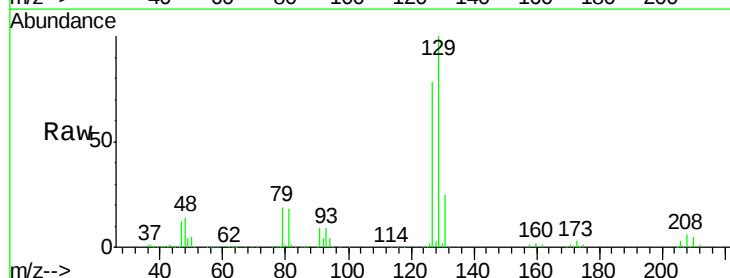
Manual Integrations
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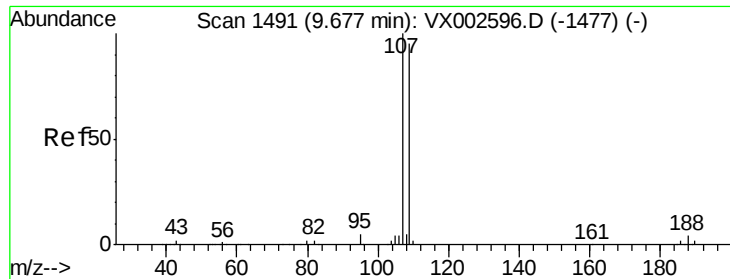
apatel
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#60
Dibromochloromethane
Concen: 50.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.5	115.3





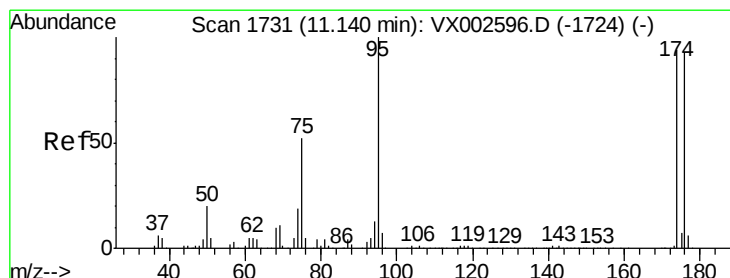
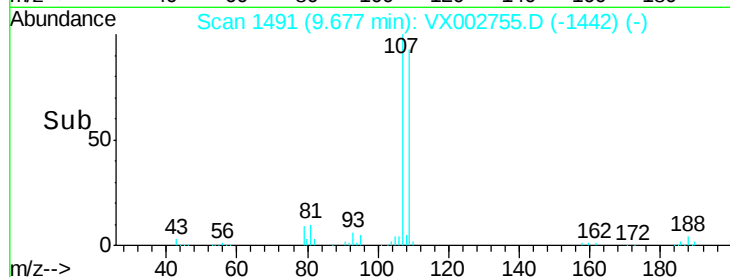
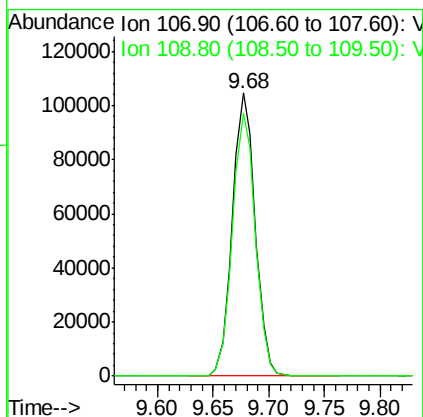
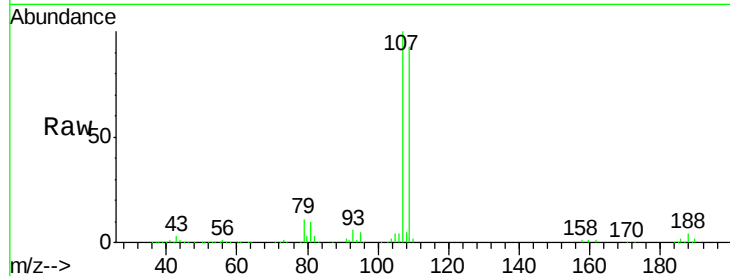
#61
 1,2-Dibromoethane
 Concen: 52.62 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.3	112.9

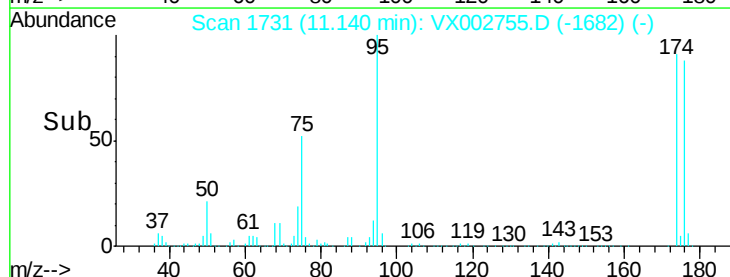
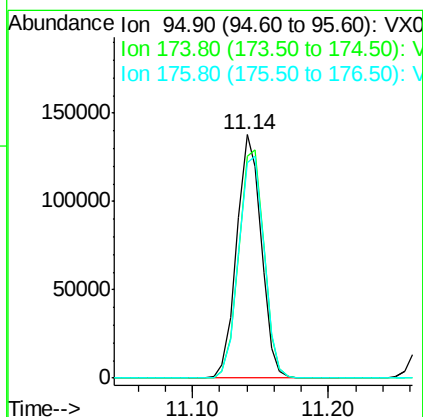
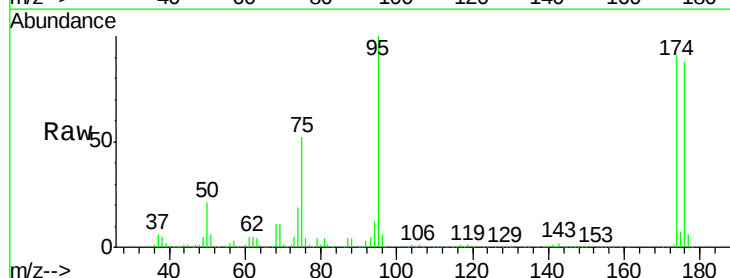
Manual Integrations
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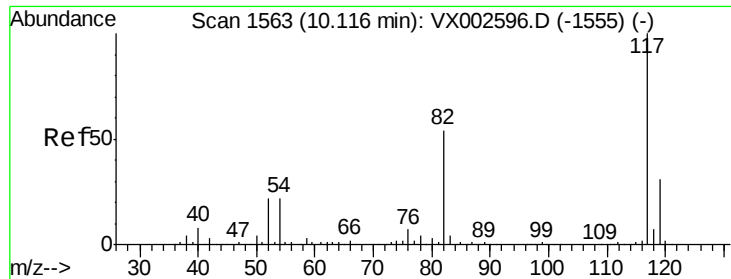
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.65 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	187.4
176	95.3	0.0	181.0





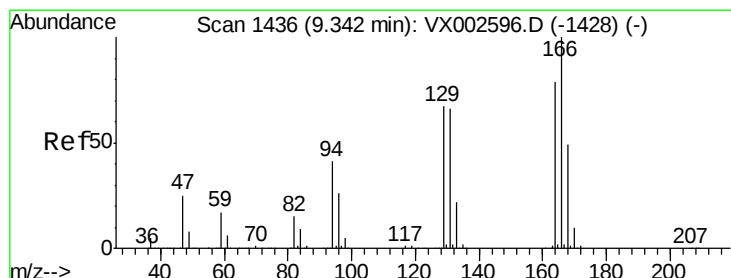
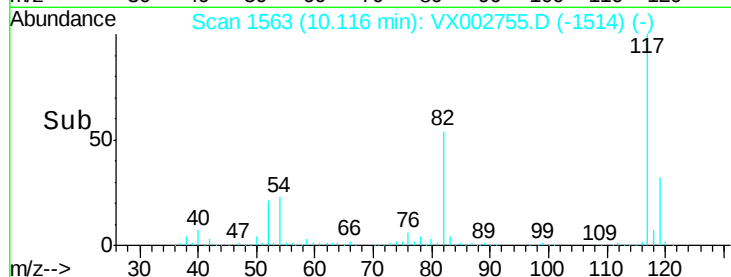
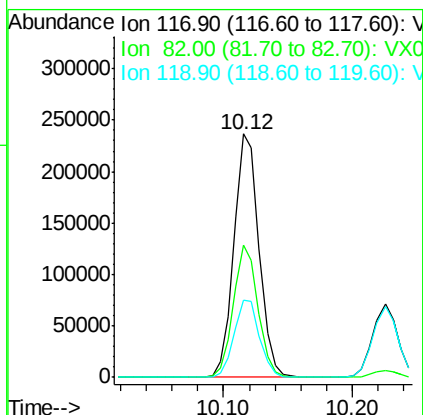
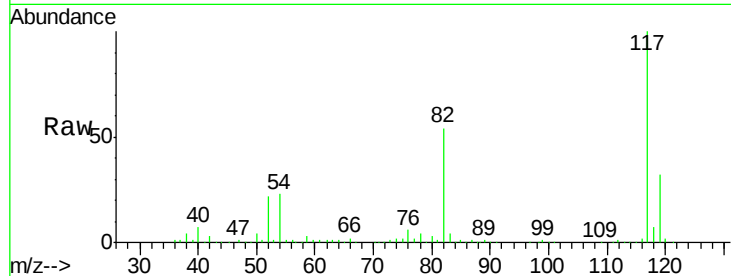
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.4
119	31.7	25.8	38.6

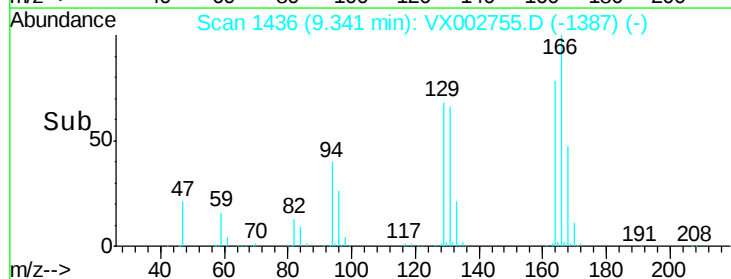
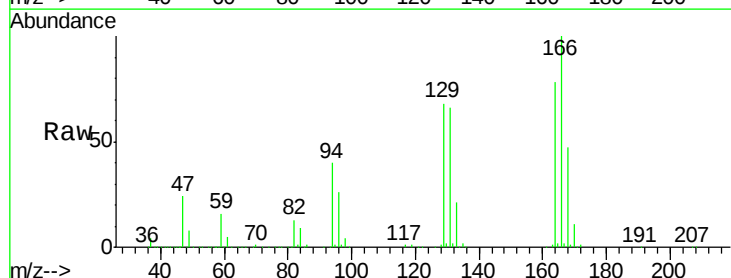
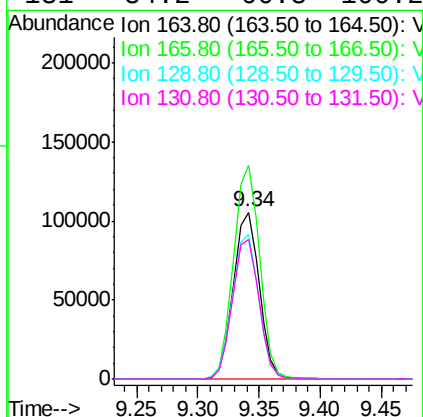
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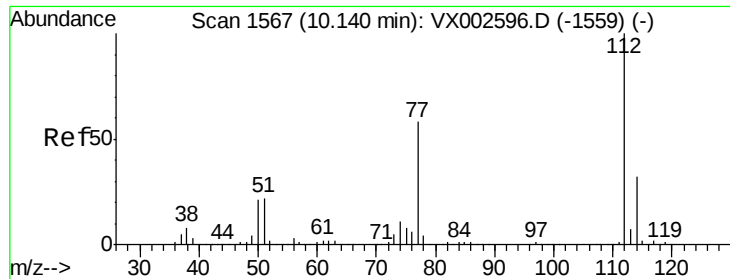
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#64
Tetrachloroethene
Concen: 43.30 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.9	154.3
129	87.3	68.6	102.8
131	84.2	66.8	100.2





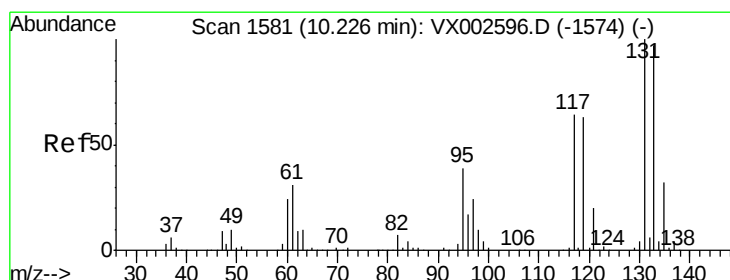
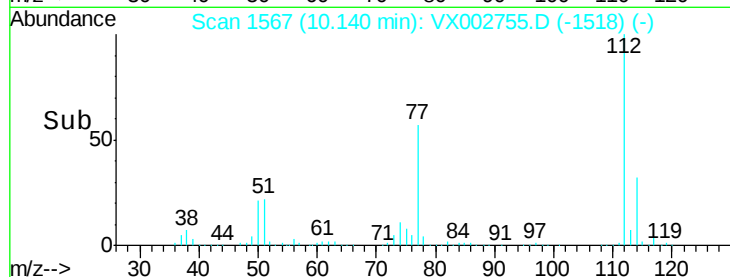
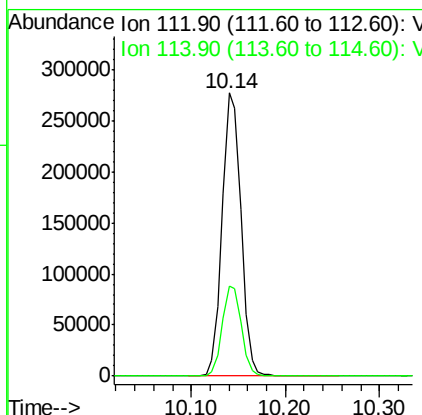
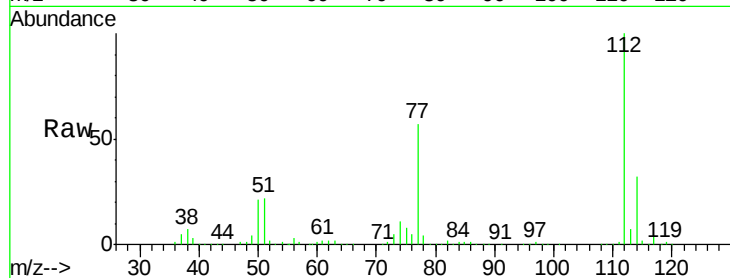
#65
Chlorobenzene
Concen: 48.83 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 385171
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

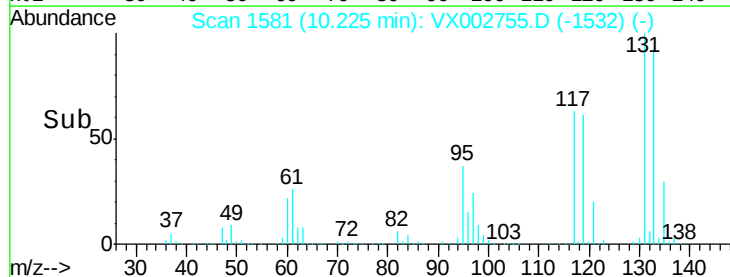
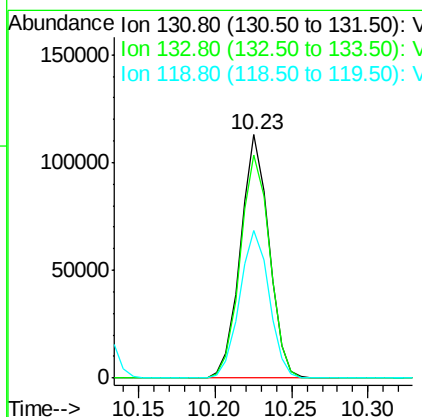
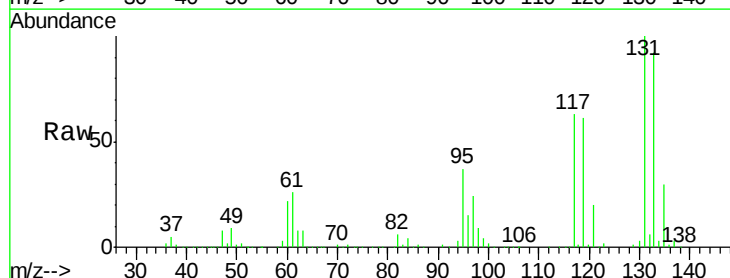
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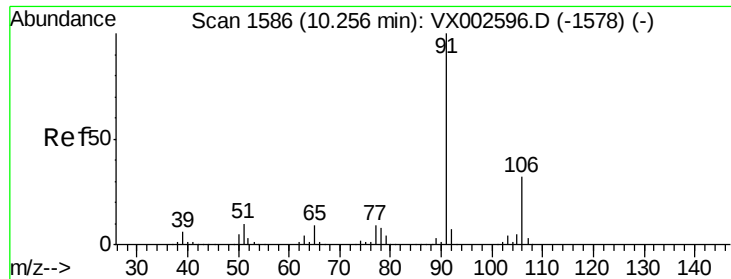
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.31 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion:131 Resp: 146033
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 62.9 31.8 95.3





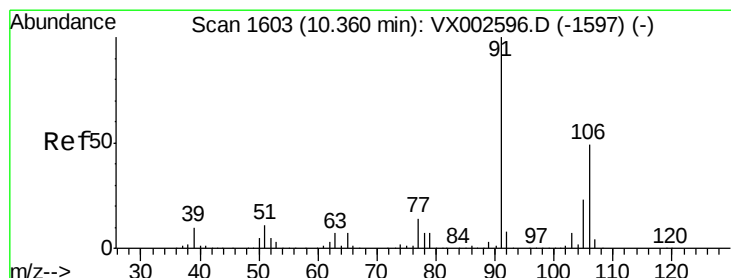
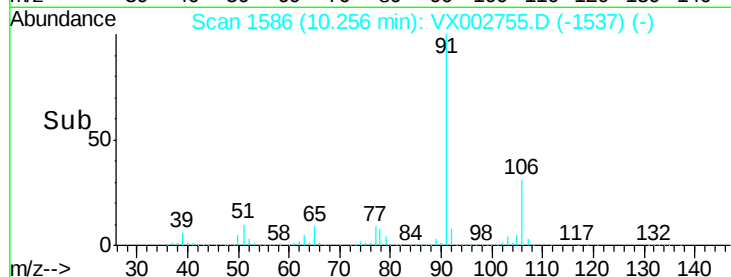
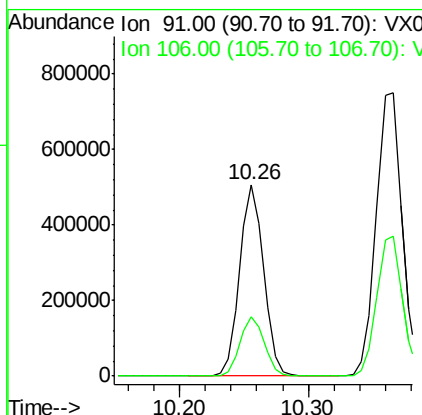
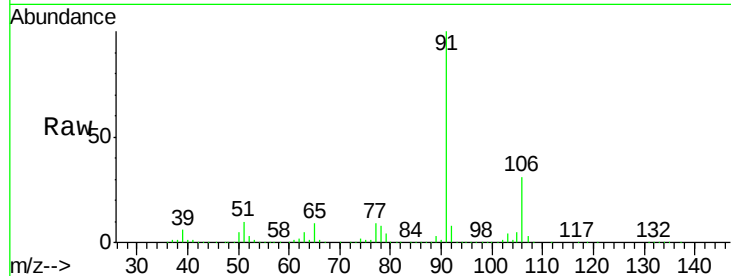
#67
Ethyl Benzene
Concen: 49.35 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 656530
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

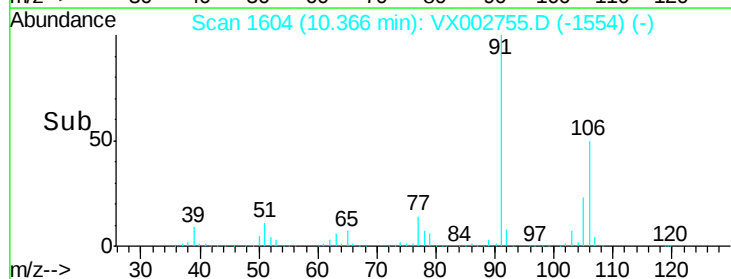
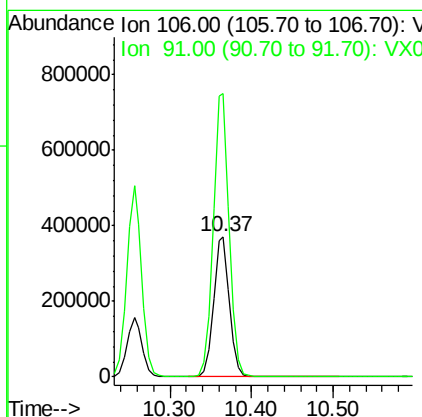
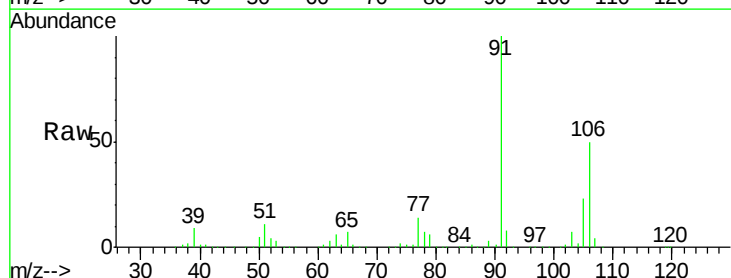
Manual Integrations
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#68
m/p-Xylenes
Concen: 99.44 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion: 106 Resp: 510325
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2





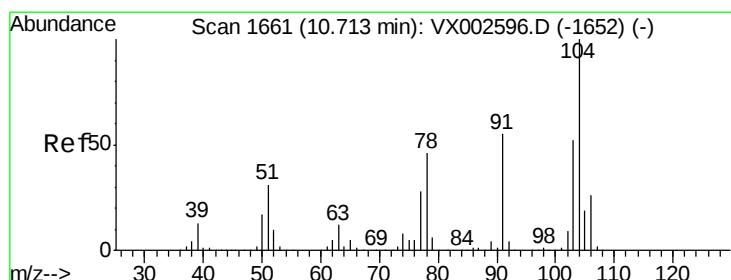
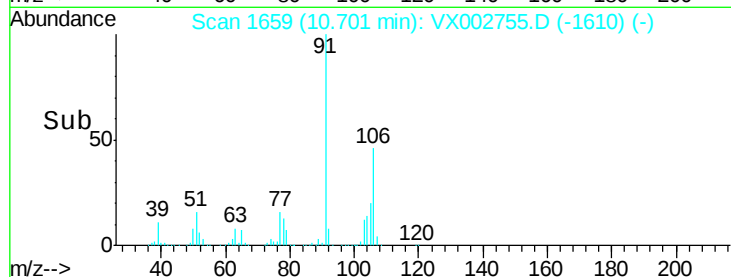
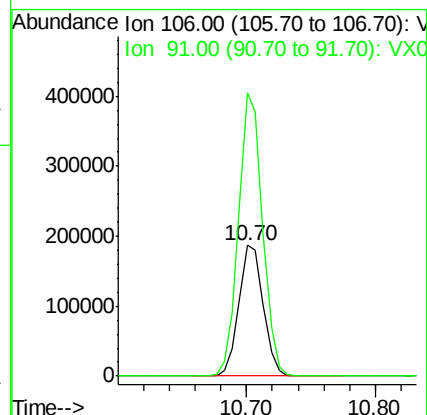
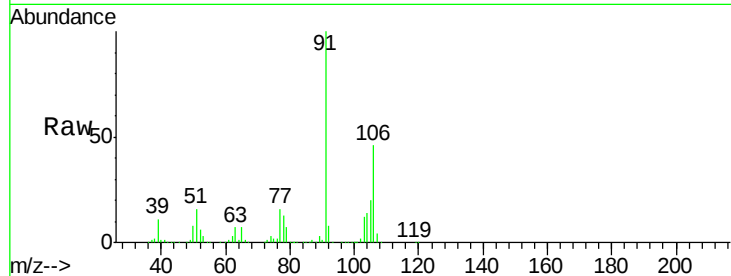
#69
o-Xylene
Concen: 49.30 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 248572
Ion Ratio Lower Upper
106 100
91 212.3 108.2 324.6

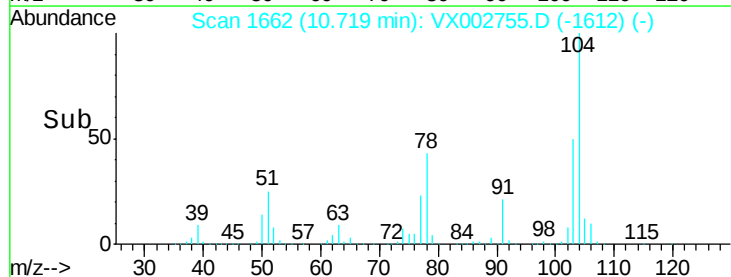
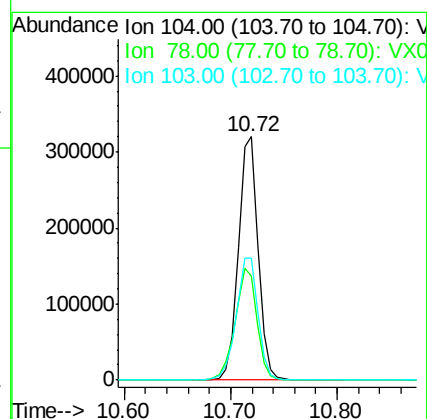
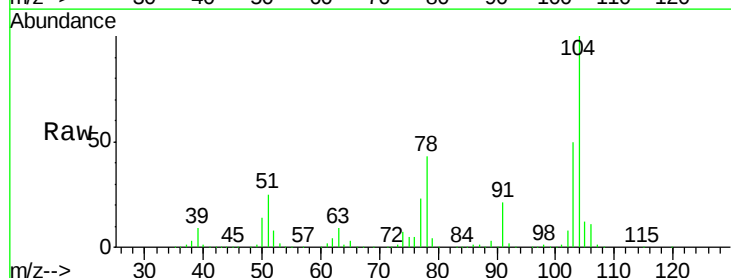
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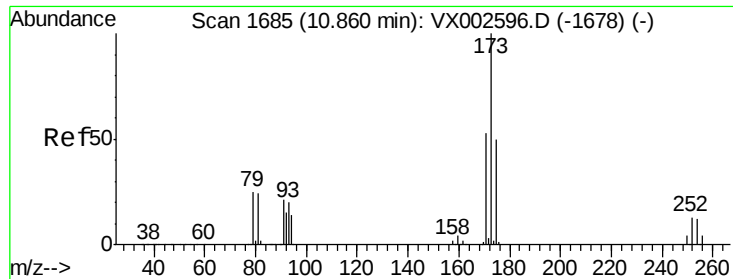
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#70
Styrene
Concen: 50.35 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion:104 Resp: 417526
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.8 44.2 66.4





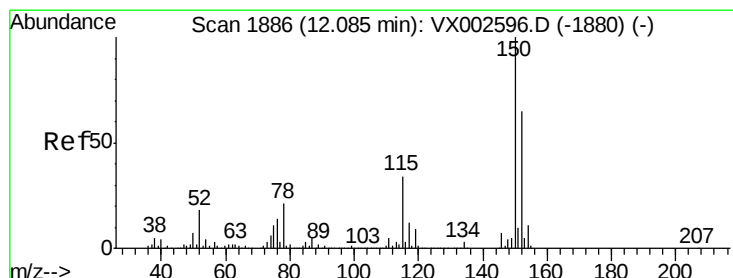
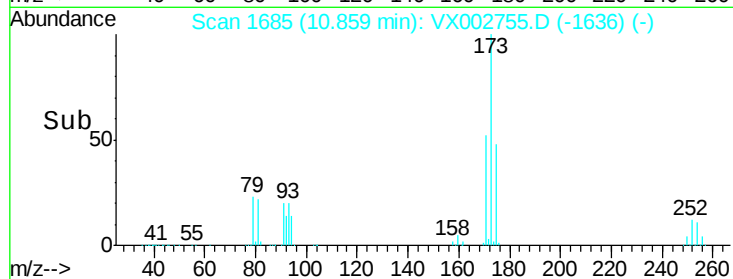
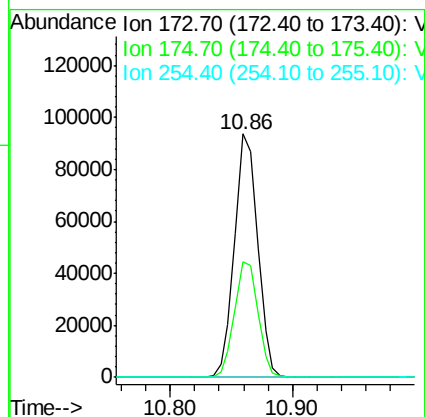
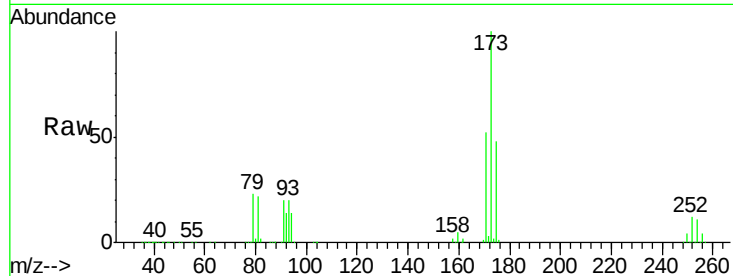
#71
Bromoform
Concen: 49.95 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.2	0.2	0.2

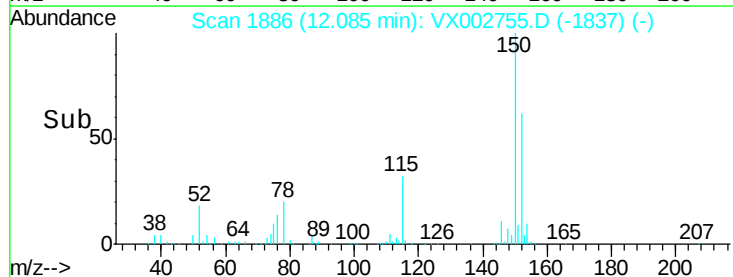
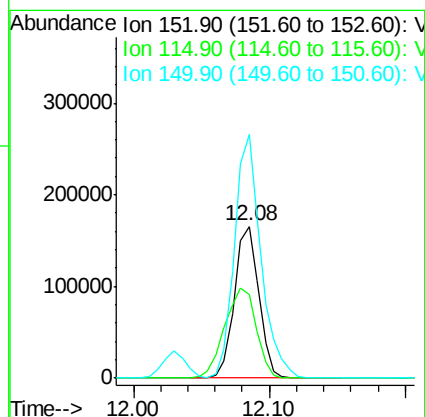
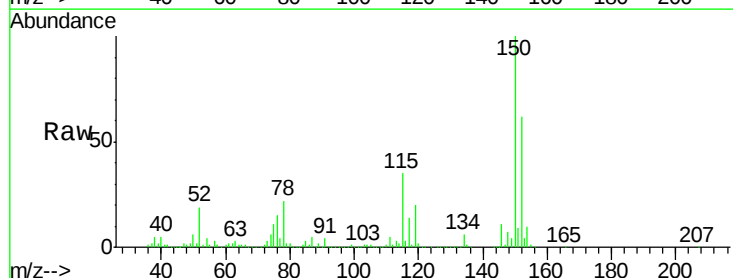
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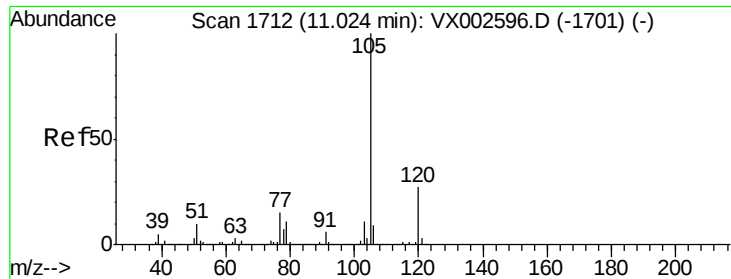
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.9	40.1	120.2
150	174.5	0.0	347.2





#73

Isopropylbenzene

Concen: 49.20 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 677237

Ion Ratio Lower Upper

105 100

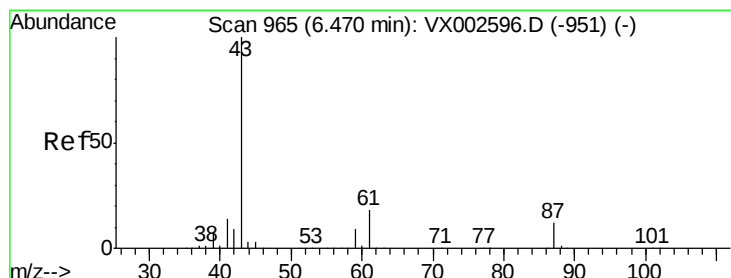
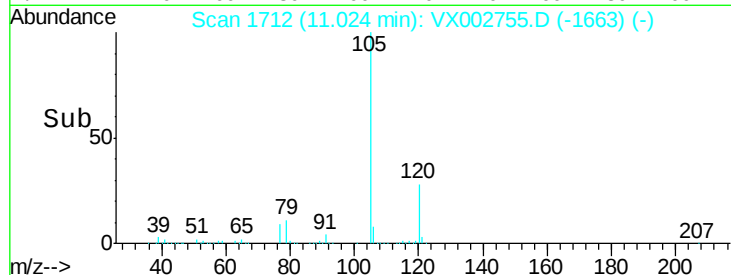
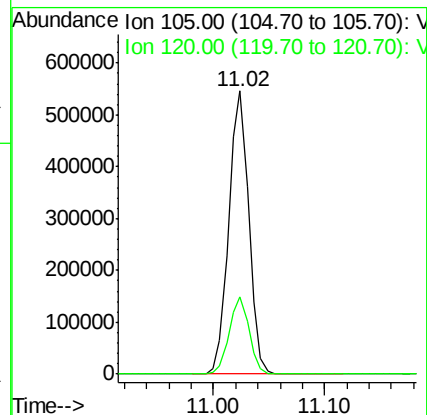
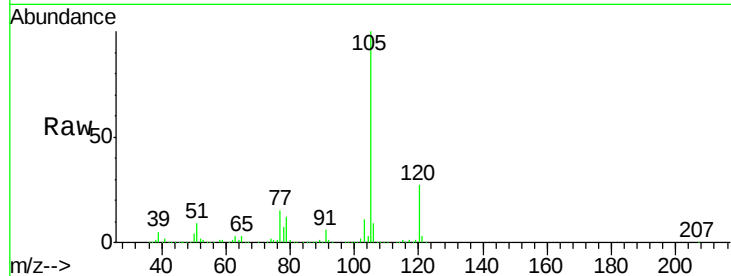
120 27.2 13.5 40.4

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#74

N-ethyl acetate

Concen: 48.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion: 43 Resp: 329227

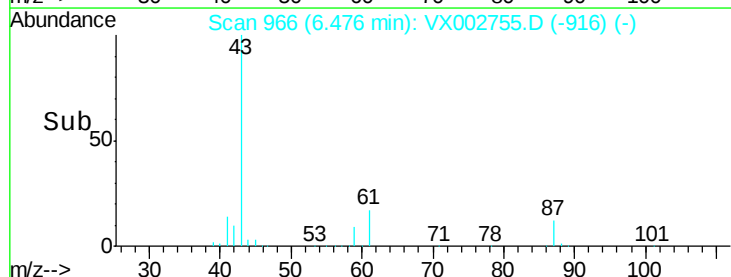
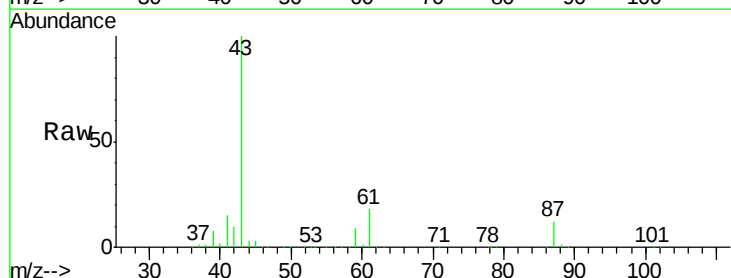
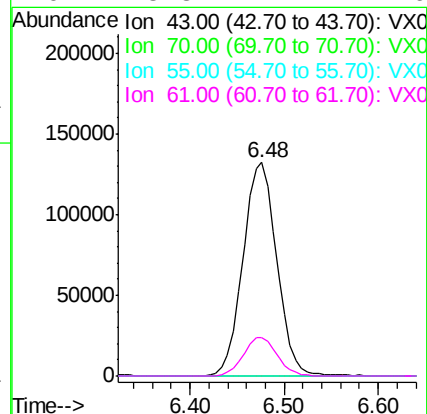
Ion Ratio Lower Upper

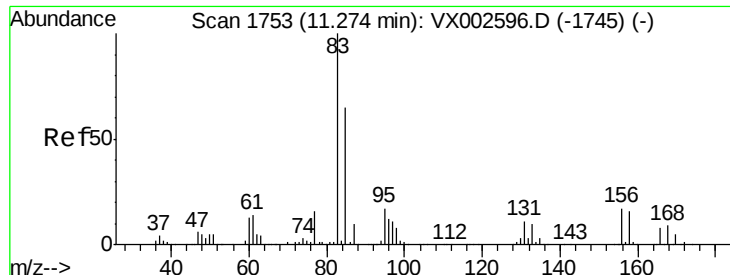
43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.45 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

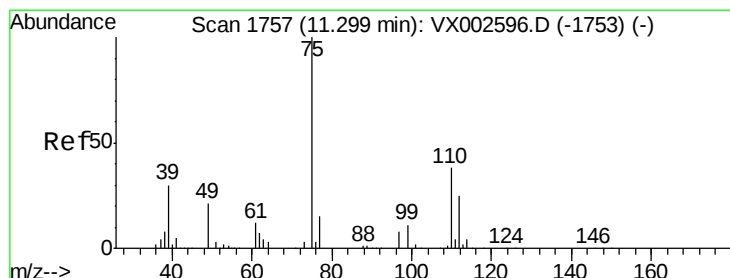
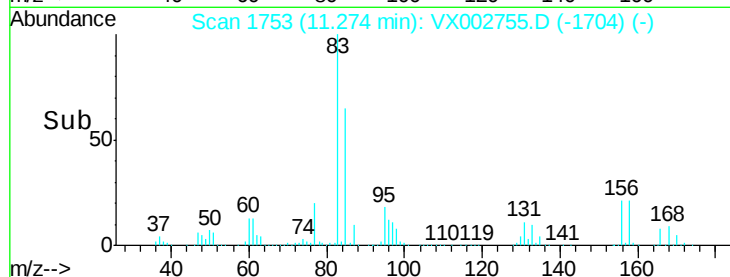
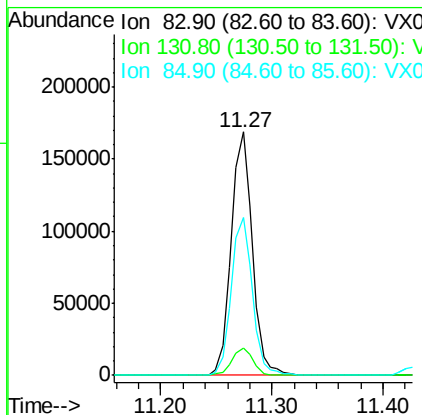
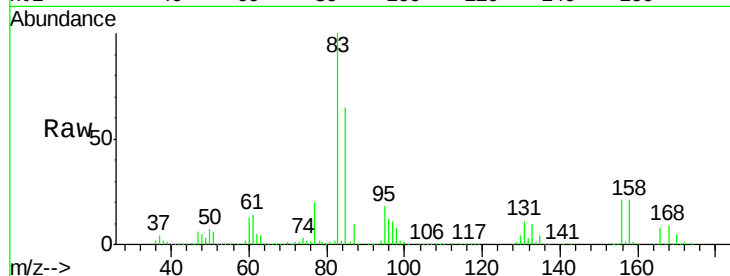
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	221319
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.9	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 51.45 ug/l m

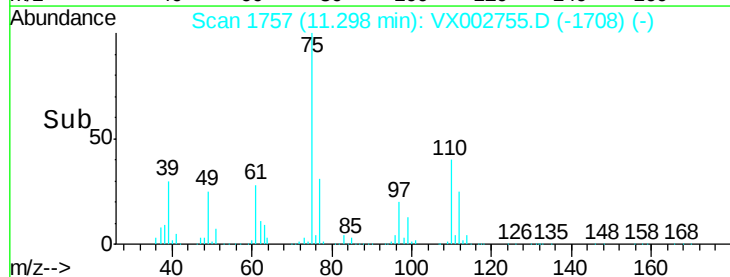
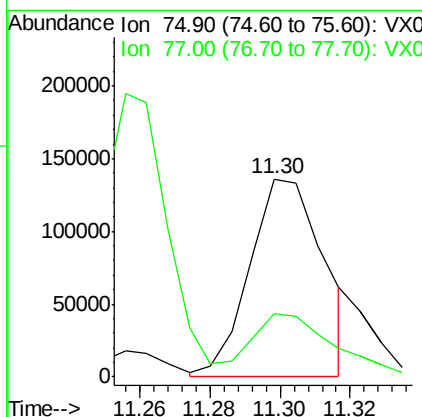
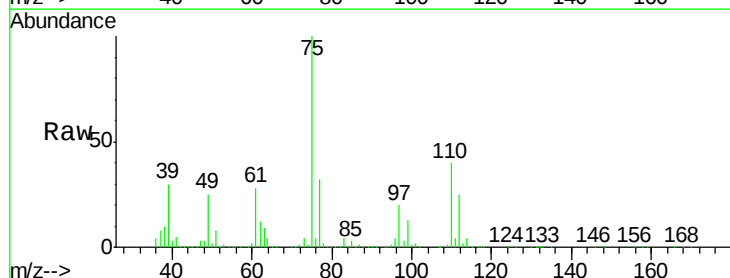
RT: 11.30 min Scan# 1757

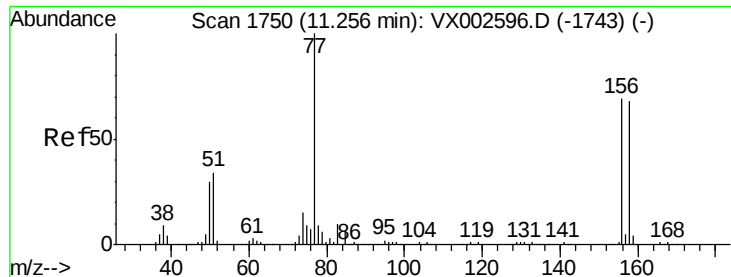
Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	75	Resp:	199789
Ion Ratio	Lower	Upper	
75	100		
77	36.6	22.8	68.3





#77

Bromobenzene

Concen: 48.85 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

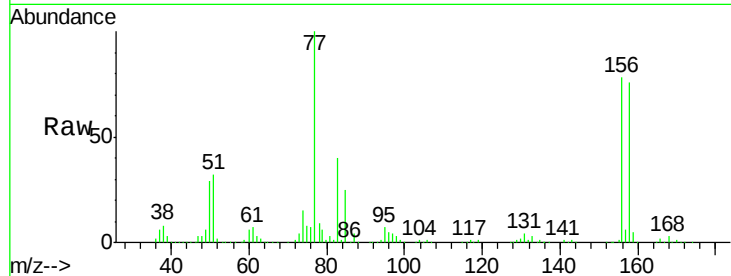
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.0	71.4	214.2
158	97.6	48.9	146.6

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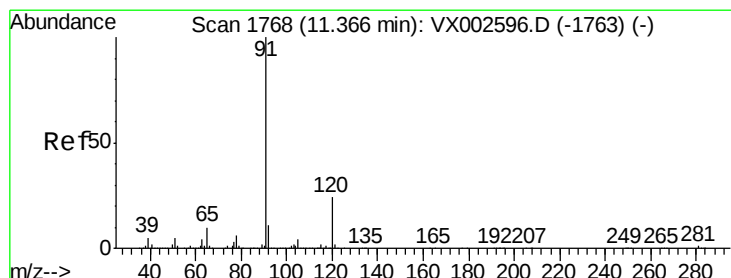
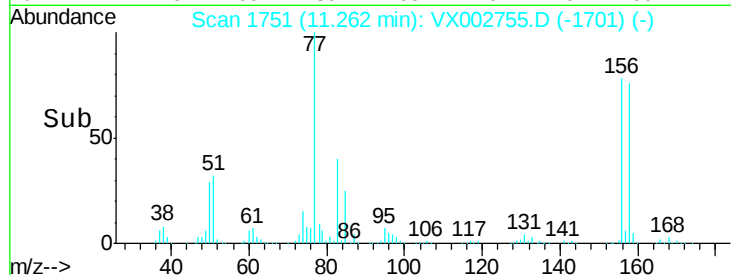
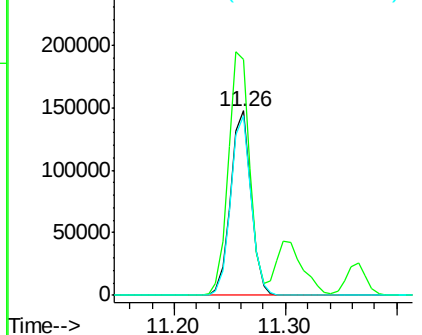


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.72 ug/l

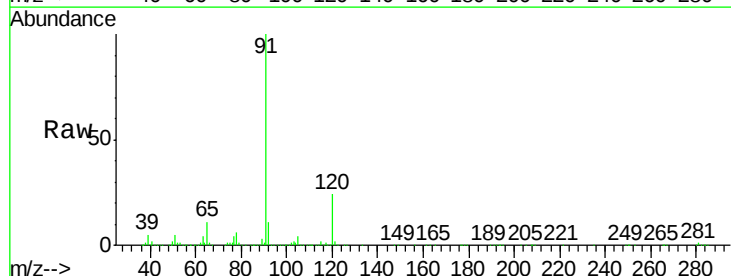
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

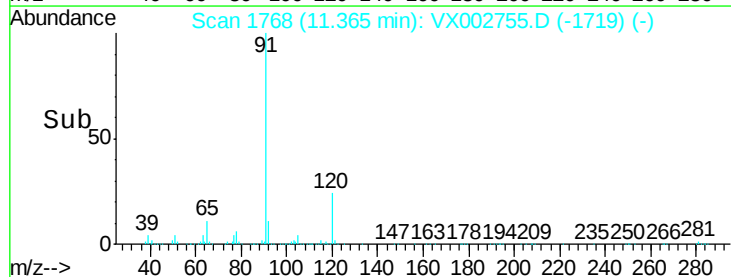
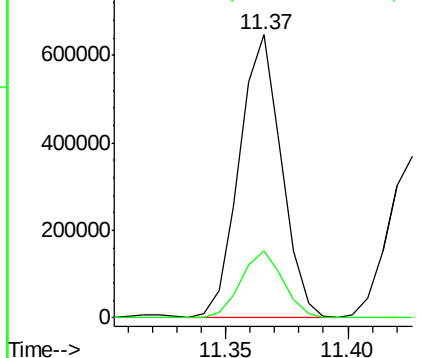
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.8	35.4

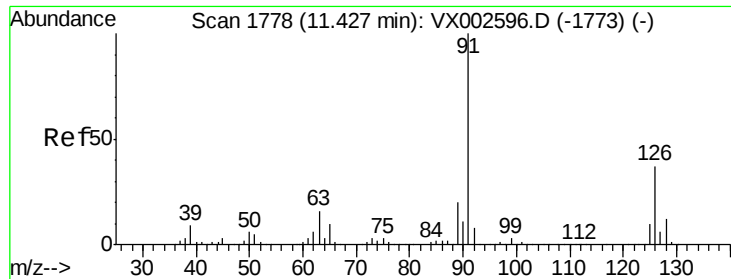


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 459240

Ion Ratio Lower Upper

91 100

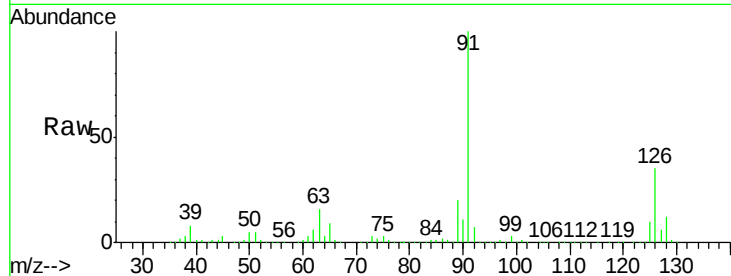
126 35.9 17.7 53.1

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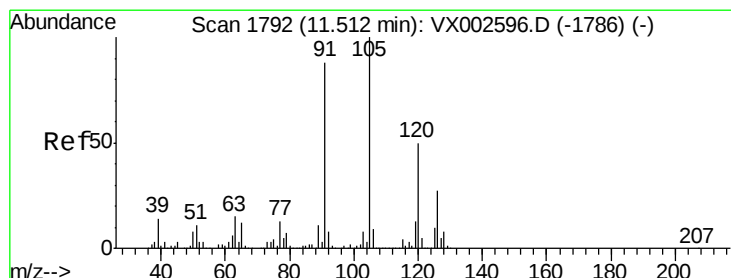
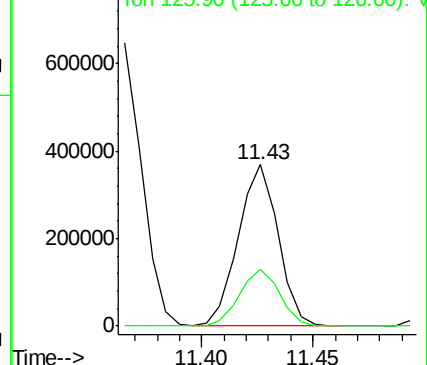
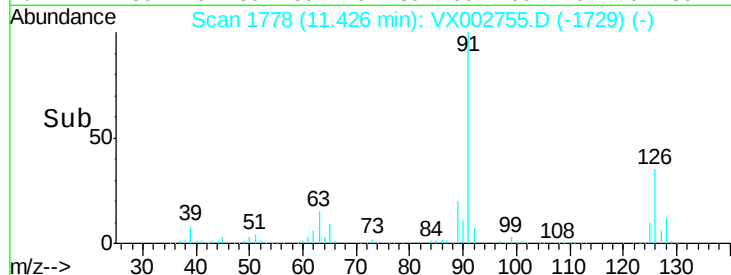
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Abundance Ion 91.00 (90.70 to 91.70): VX002755.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002755.D

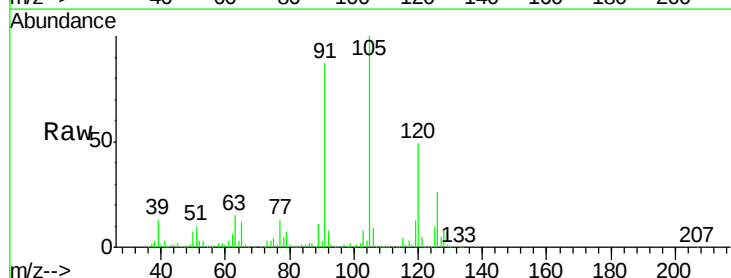
Acq: 20 Jun 2018 21:13

Tgt Ion: 105 Resp: 576510

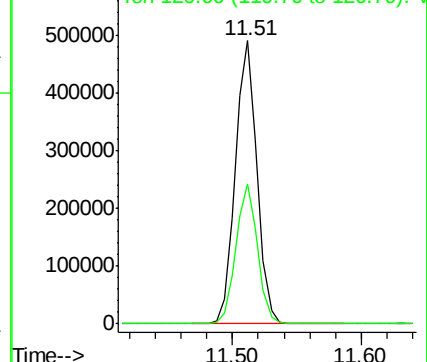
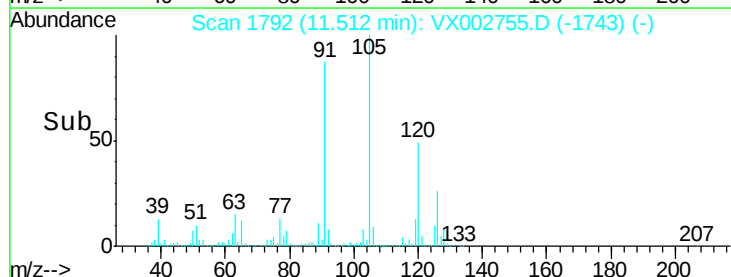
Ion Ratio Lower Upper

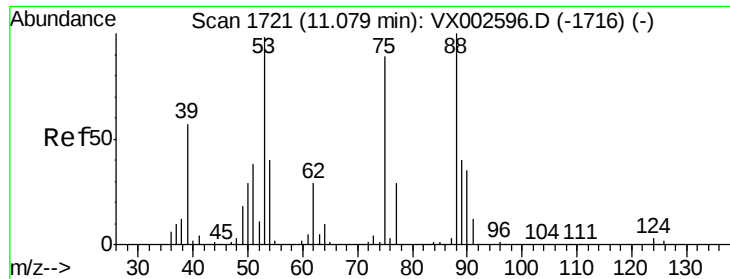
105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002755.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 37.66 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 44337

Ion Ratio Lower Upper

75 100

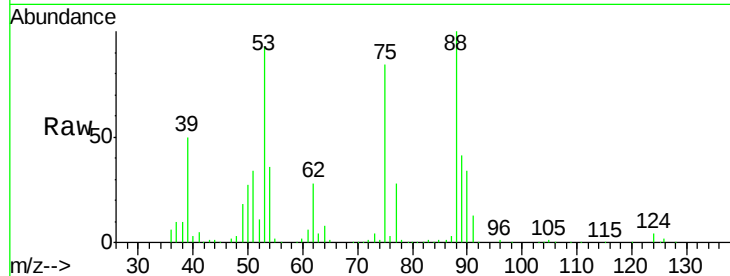
53 110.5 86.8 130.2

89 48.3 38.2 57.2

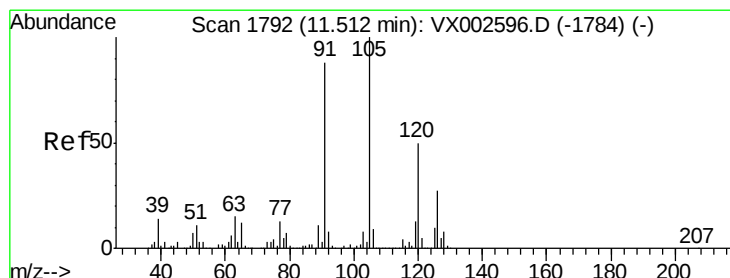
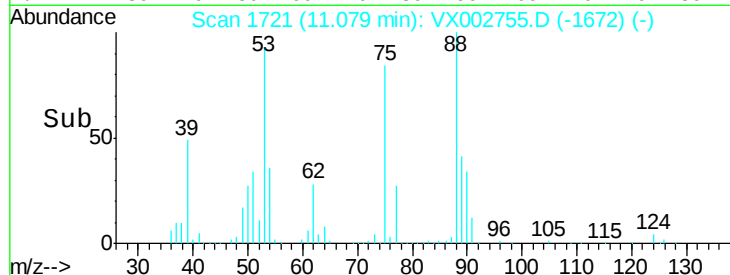
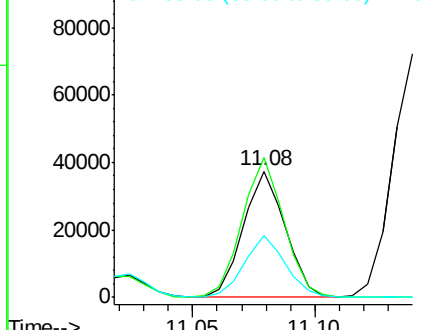
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002755.D

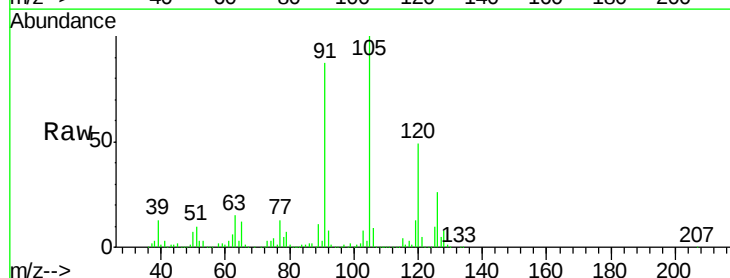
Acq: 20 Jun 2018 21:13

Tgt Ion: 91 Resp: 545920

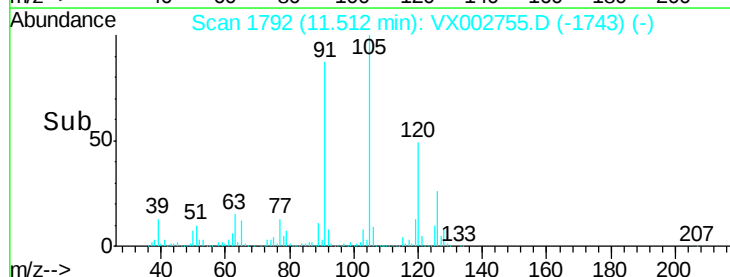
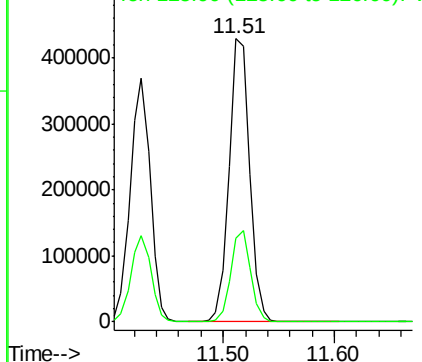
Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





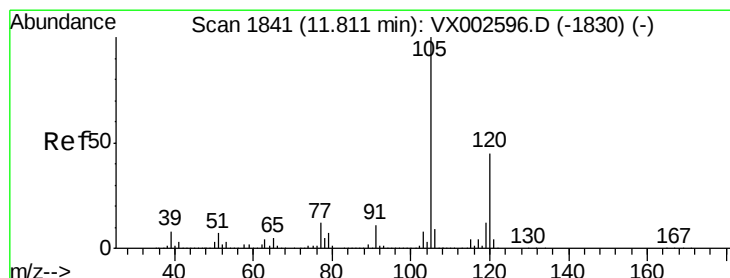
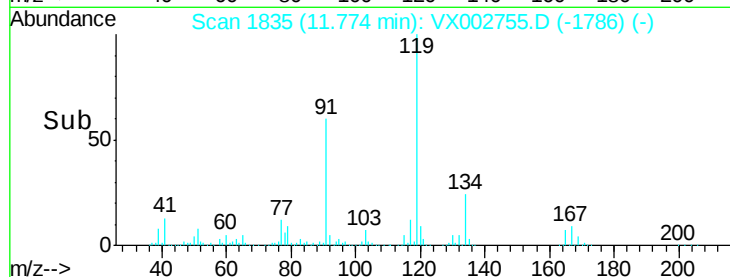
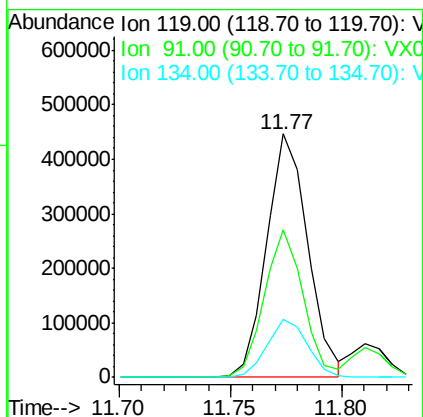
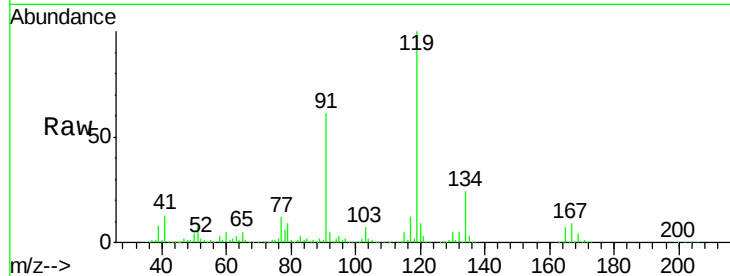
#83
 tert-Butylbenzene
 Concen: 51.18 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	30.3	90.9
134	23.5	11.7	35.1

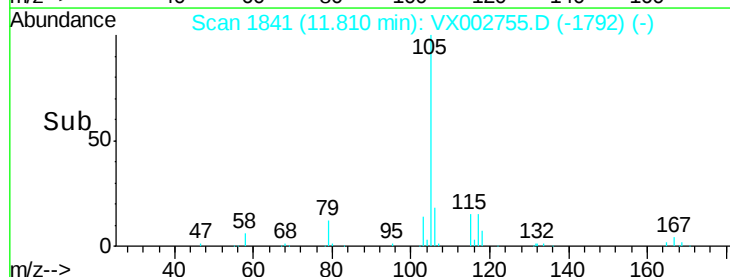
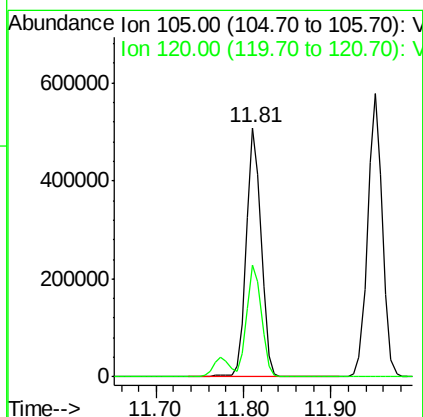
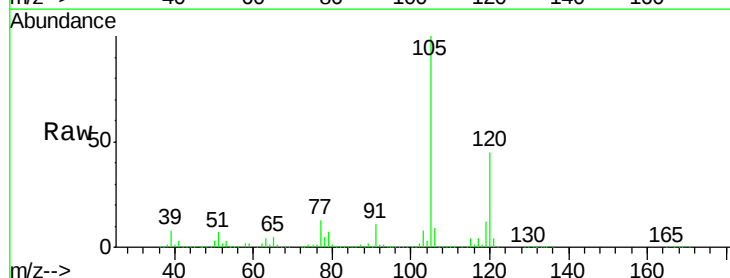
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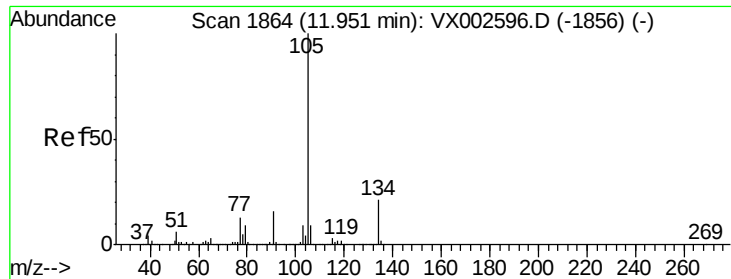
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.20 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.3	66.8





#85

sec-Butylbenzene

Concen: 49.11 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 684273

Ion Ratio Lower Upper

105 100

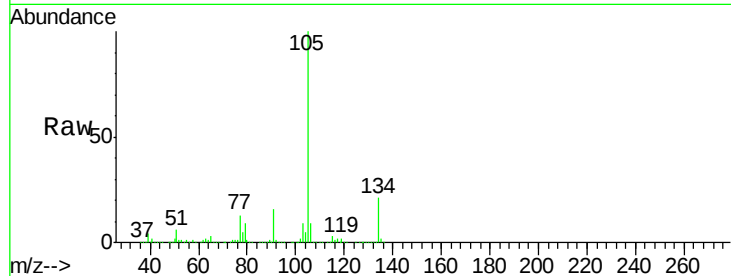
134 20.7 10.4 31.1

Manual Integrations

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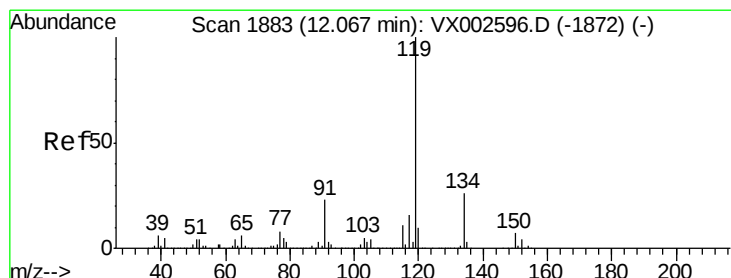
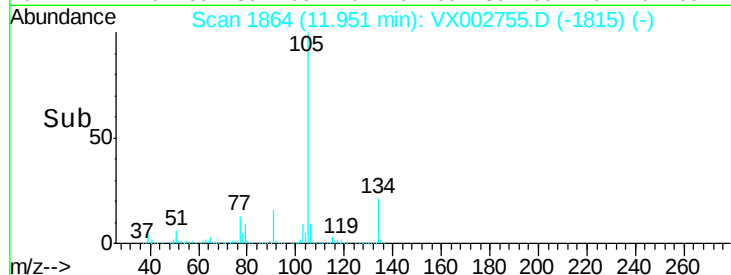
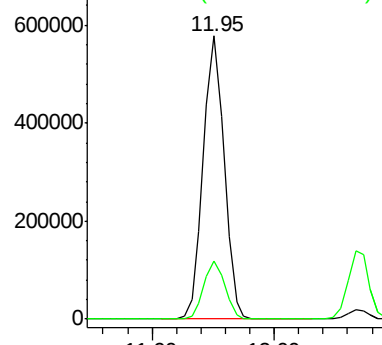
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.22 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

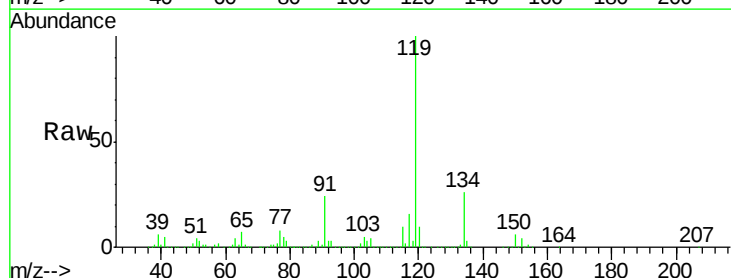
Tgt Ion:119 Resp: 620568

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

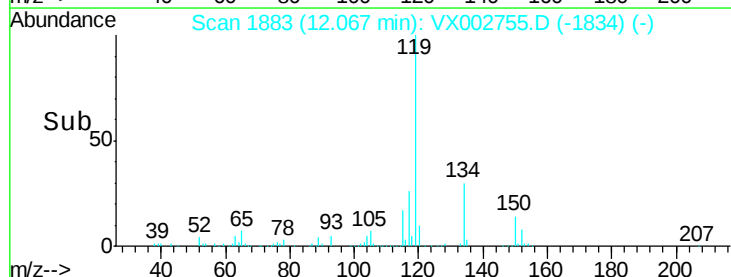
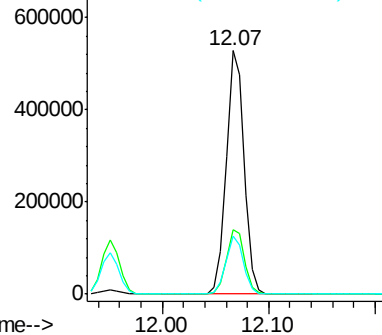
91 23.5 11.9 35.7

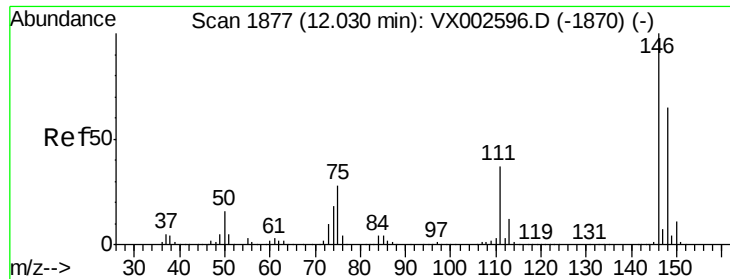


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





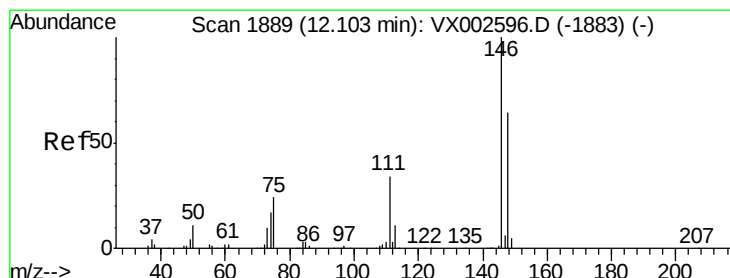
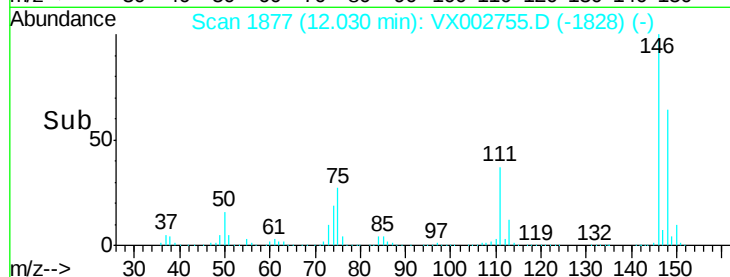
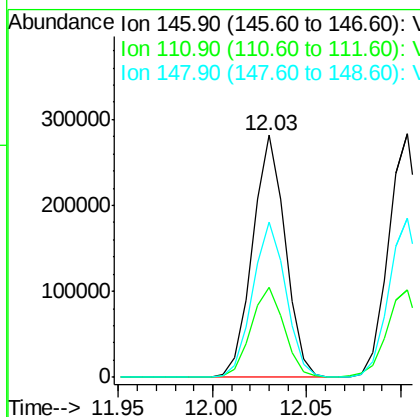
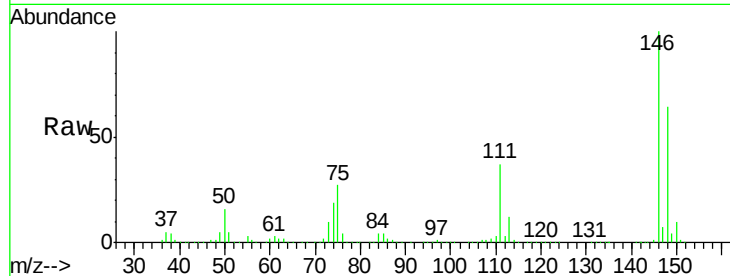
#87
 1,3-Dichlorobenzene
 Concen: 48.32 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.9	32.1	96.3

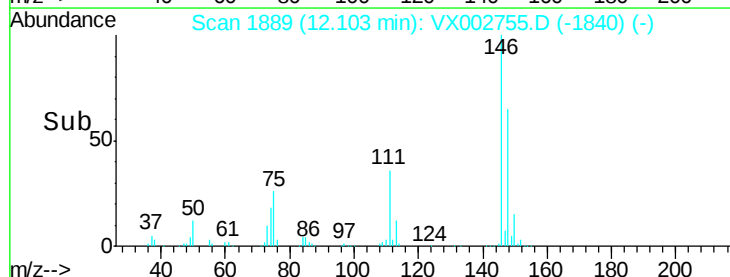
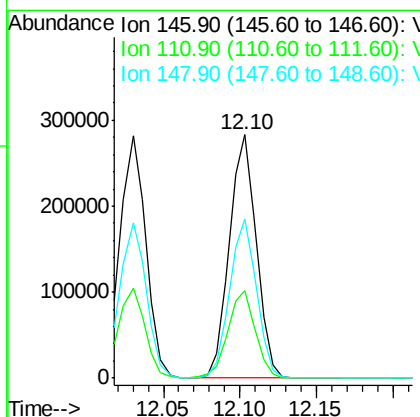
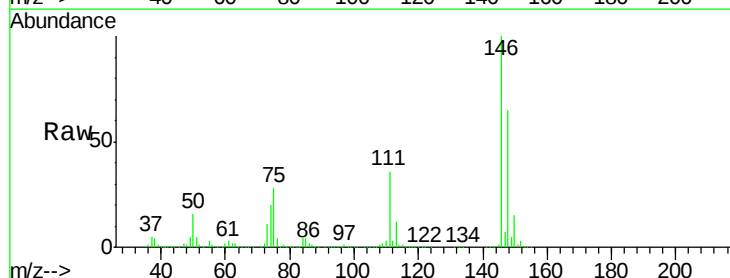
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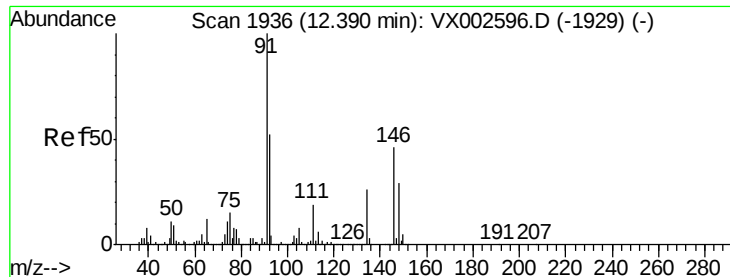
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#88
 1,4-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	65.1	32.4	97.0





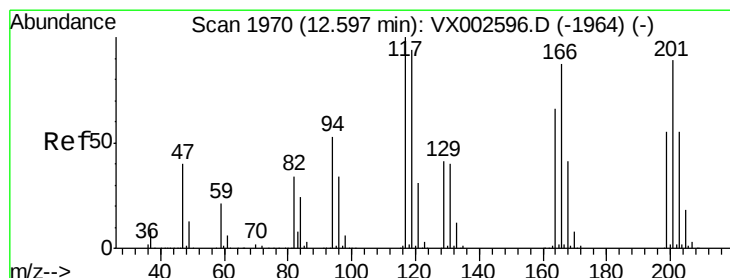
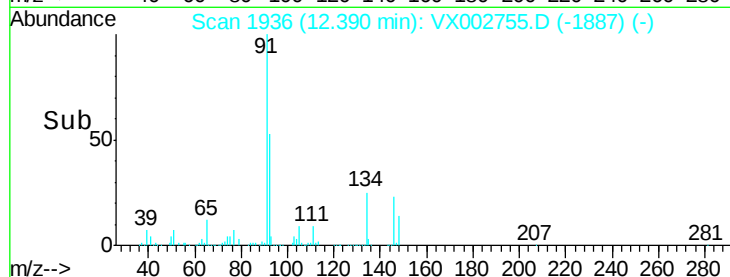
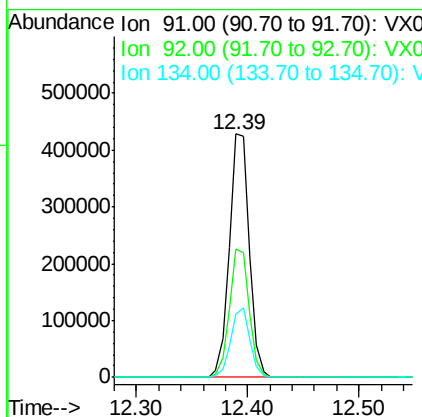
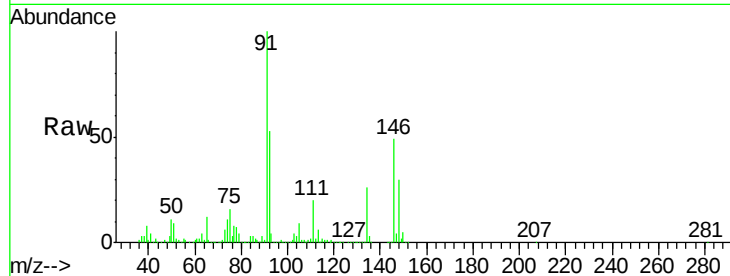
#89
n-Butylbenzene
Concen: 47.44 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	27.3	13.5	40.5

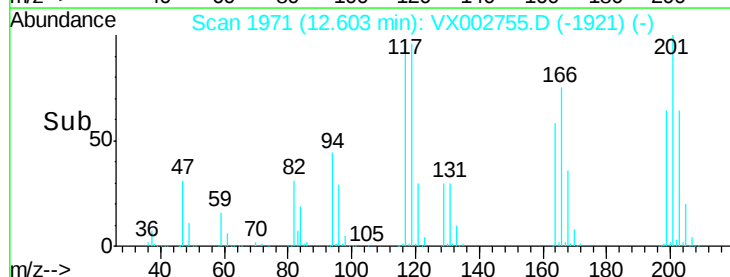
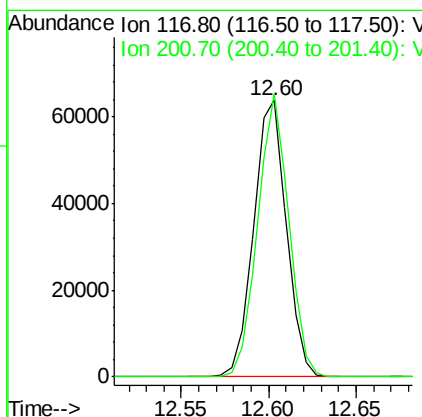
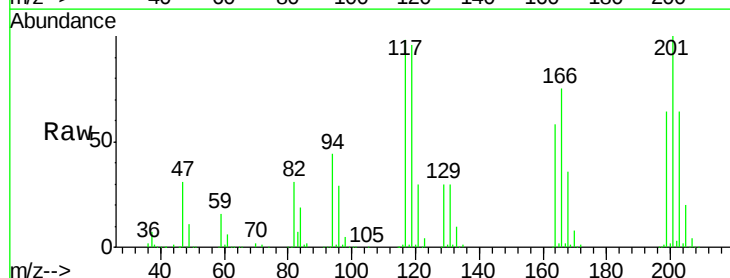
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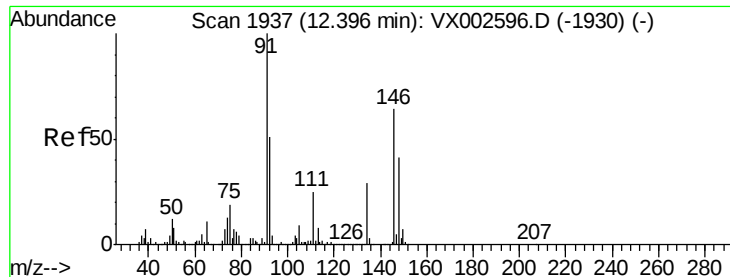
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#90
Hexachloroethane
Concen: 42.47 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002755.D
Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.3	49.0	147.0





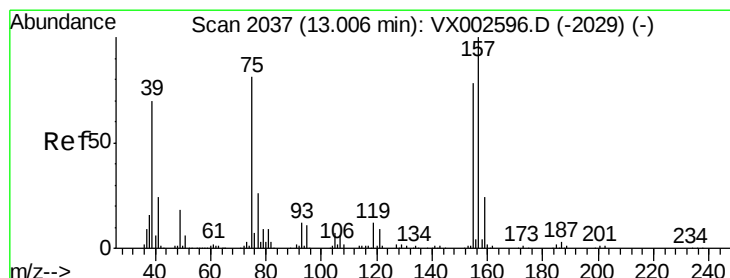
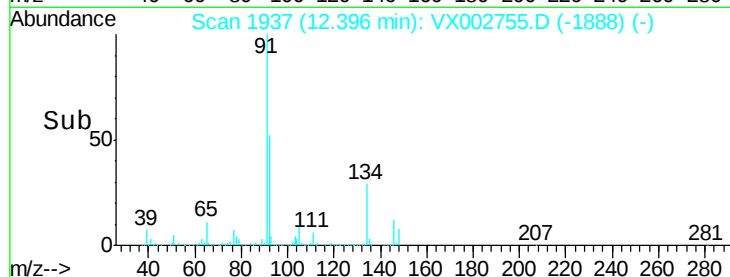
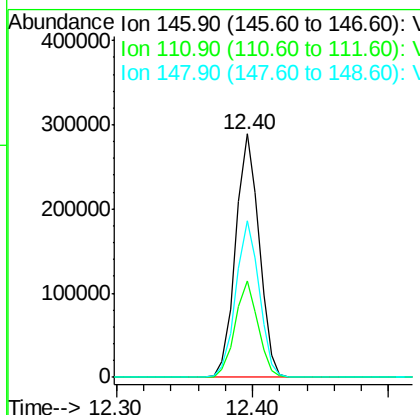
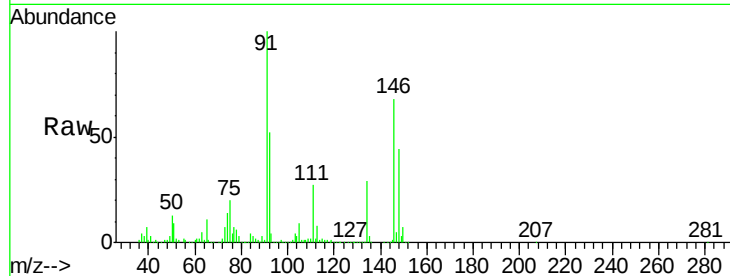
#91
 1,2-Dichlorobenzene
 Concen: 49.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.4	58.1
148	63.9	31.7	95.1

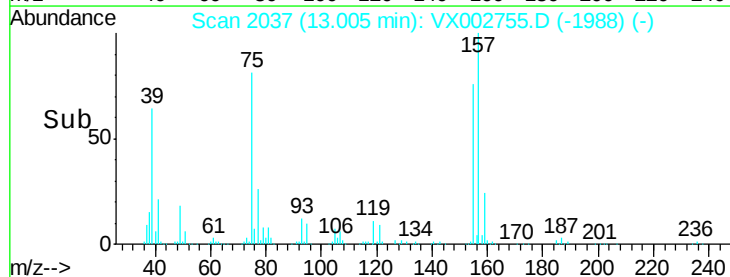
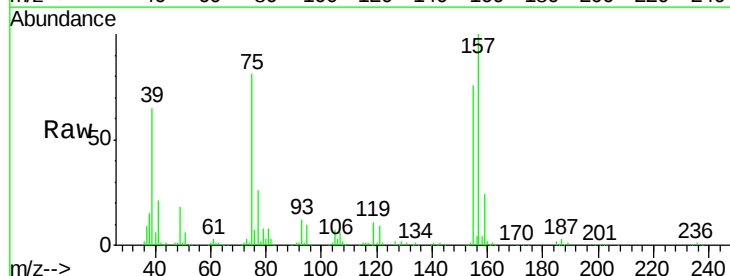
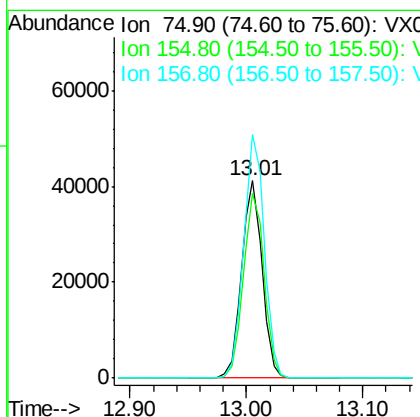
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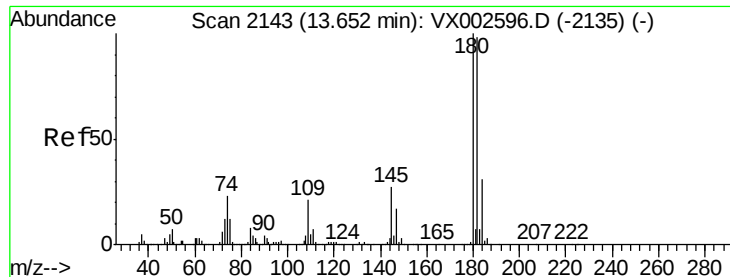
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.60 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002755.D
 Acq: 20 Jun 2018 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	45.8	137.4
157	124.5	60.1	180.3





#93

1,2,4-Trichlorobenzene

Concen: 49.77 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

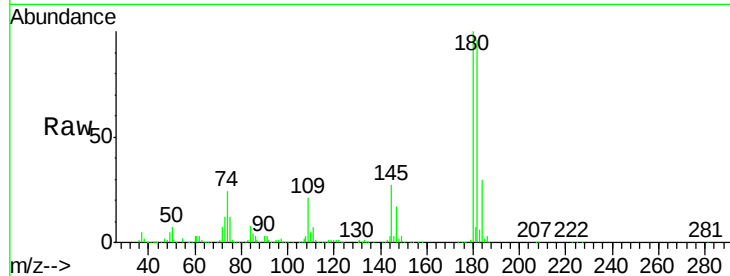
ClientSampleId :

VSTDCCC050EC

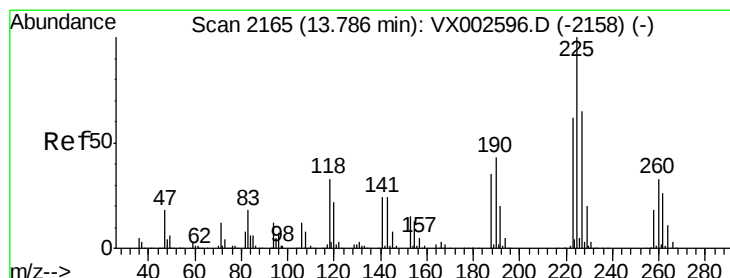
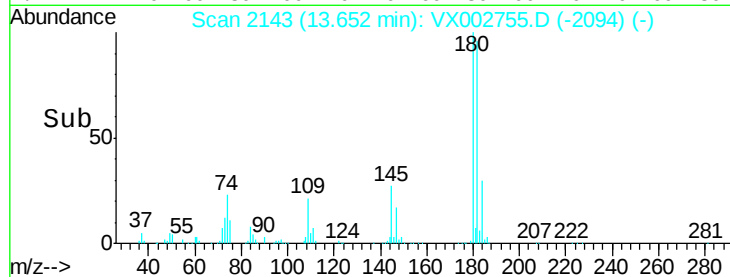
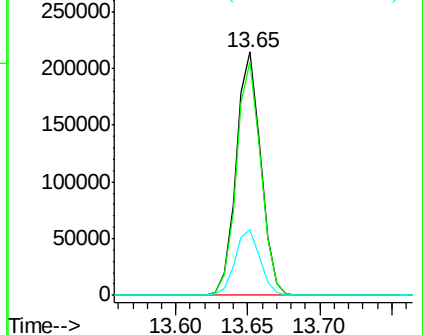
Tot Ion:	180	Resp:	255668
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.7	143.1
145	27.5	14.1	42.4

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.28 ug/l

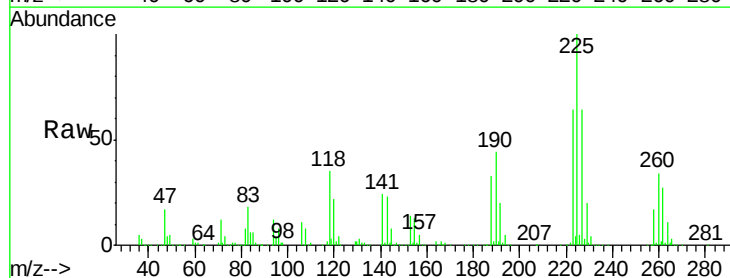
RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

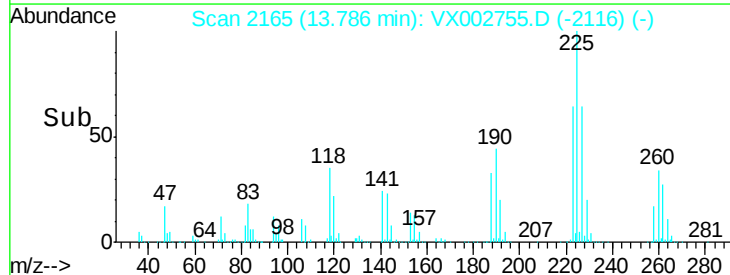
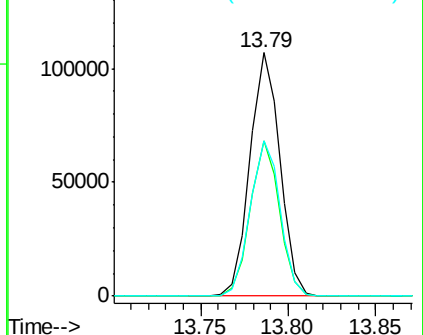
Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	225	Resp:	127950
Ion Ratio	Lower	Upper	
225	100		
223	62.5	31.6	95.0
227	64.0	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Instrument :

MSVOA_X

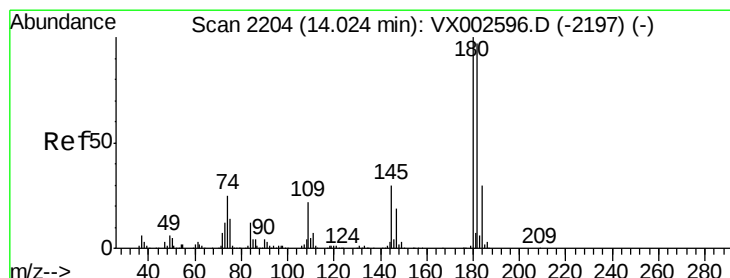
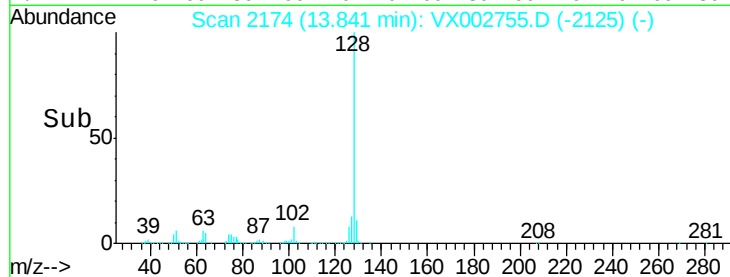
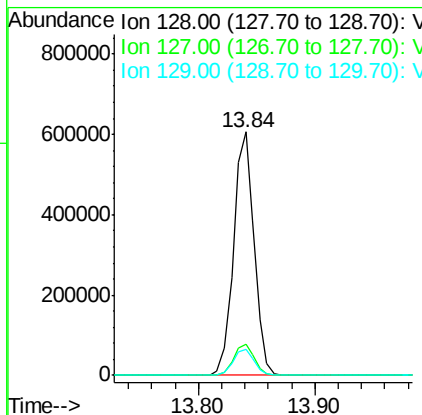
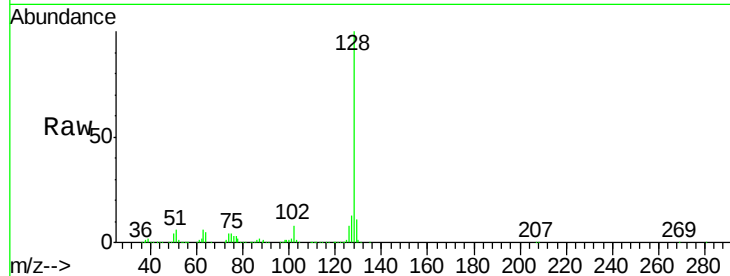
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	739763
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 51.03 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002755.D

Acq: 20 Jun 2018 21:13

Tgt Ion:	180	Resp:	263253
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.0	144.0
145	29.0	14.8	44.3

