

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003042.D
 Acq On : 29 Jun 2018 21:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 7/2/2018 4:15:30 PM

Quant Time: Jun 30 00:31:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184157	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	5.51	113	153284	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.72	98	538614	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
62) 4-Bromofluorobenzene	11.14	95	207950	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	147634	60.59	ug/l	99
3) Chloromethane	1.32	50	147016	58.25	ug/l	99
4) Vinyl Chloride	1.40	62	160096	51.82	ug/l	95
5) Bromomethane	1.64	94	50799	34.37	ug/l	99
6) Chloroethane	1.72	64	104656	58.08	ug/l	98
7) Trichlorofluoromethane	1.92	101	251122	48.19	ug/l	99
8) Diethyl Ether	2.19	74	92424	48.78	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	143802	47.62	ug/l	99
10) Methyl Iodide	2.51	142	124585	41.84	ug/l	98
11) Tert butyl alcohol	3.09	59	173982	231.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131536	48.82	ug/l	91
13) Acrolein	2.29	56	94147	226.17	ug/l	100
14) Allyl chloride	2.73	41	254985	48.01	ug/l	96
15) Acrylonitrile	3.15	53	404895	252.00	ug/l	99
16) Acetone	2.45	43	365210	233.54	ug/l	96
17) Carbon Disulfide	2.57	76	359352	50.06	ug/l	99
18) Methyl Acetate	2.78	43	198124	45.32	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	460635	47.56	ug/l	99
20) Methylene Chloride	2.86	84	146718	48.21	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	140332	47.82	ug/l	96
22) Diisopropyl ether	3.88	45	496603	48.92	ug/l	99
23) Vinyl Acetate	3.83	43	2185088	254.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262219	47.52	ug/l	99
25) 2-Butanone	4.71	43	593315	255.65	ug/l	97
26) 2,2-Dichloropropane	4.59	77	167101	37.24	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	162247	49.31	ug/l	92
28) Bromochloromethane	5.02	49	131387	49.75	ug/l	93
29) Tetrahydrofuran	5.17	42	383356	257.58	ug/l	97
30) Chloroform	5.22	83	281788	49.76	ug/l	98
31) Cyclohexane	5.57	56	232101	49.01	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	249288	50.03	ug/l	99
36) 1,1-Dichloropropene	5.80	75	203754	49.42	ug/l	98
37) Ethyl Acetate	4.87	43	230957	52.03	ug/l	99
38) Carbon Tetrachloride	5.78	117	225855	49.92	ug/l	98

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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	224624	46.77	ug/l	98
40) Benzene	6.15	78	602847	50.32	ug/l	99
41) Methacrylonitrile	5.07	41	131157	51.31	ug/l	98
42) 1,2-Dichloroethane	6.20	62	232183	47.98	ug/l	99
43) Isopropyl Acetate	6.47	43	366193	49.19	ug/l	98
44) Trichloroethene	7.21	130	176443	49.40	ug/l	98
45) 1,2-Dichloropropane	7.53	63	156917	49.38	ug/l	100
46) Dibromomethane	7.67	93	109826	49.80	ug/l	97
47) Bromodichloromethane	7.90	83	208248	51.08	ug/l	98
48) Methyl methacrylate	7.78	41	191071	49.81	ug/l	96
49) 1,4-Dioxane	7.76	88	76582	1026.10	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1207848	259.30	ug/l	98
52) Toluene	8.79	92	387128	50.45	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	234240	50.73	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	212023	47.73	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160610	50.93	ug/l	98
56) Ethyl methacrylate	9.18	69	240148	52.11	ug/l	95
57) 1,3-Dichloropropane	9.38	76	260153	50.23	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	583290	262.33	ug/l	97
59) 2-Hexanone	9.50	43	920681	260.07	ug/l	97
60) Dibromochloromethane	9.59	129	172247	51.89	ug/l	100
61) 1,2-Dibromoethane	9.68	107	169236	51.16	ug/l	100
64) Tetrachloroethene	9.34	164	199796	50.53	ug/l	99
65) Chlorobenzene	10.14	112	446643	49.45	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	166203	50.65	ug/l	100
67) Ethyl Benzene	10.26	91	753965	50.53	ug/l	100
68) m/p-Xylenes	10.36	106	587504	102.17	ug/l	99
69) o-Xylene	10.70	106	286961	51.25	ug/l	98
70) Styrene	10.71	104	482676	53.05	ug/l	99
71) Bromoform	10.86	173	135531	46.05	ug/l	100
73) Isopropylbenzene	11.02	105	769706	51.04	ug/l	100
74) N-amyl acetate	6.47	43	366193	49.63	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	238313	51.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	235218m	57.93	ug/l	
77) Bromobenzene	11.26	156	216621	50.44	ug/l	97
78) n-propylbenzene	11.37	91	861384	50.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	516732	49.72	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	639117	50.32	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	59195	42.82	ug/l	99
82) 4-Chlorotoluene	11.51	91	613827	49.89	ug/l	100
83) tert-Butylbenzene	11.77	119	626554	50.05	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	662215	50.32	ug/l	98
85) sec-Butylbenzene	11.95	105	741327	48.82	ug/l	99
86) p-Isopropyltoluene	12.07	119	672334	49.25	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	387747	49.43	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392436	48.62	ug/l	99
89) n-Butylbenzene	12.39	91	562536	47.34	ug/l	99
90) Hexachloroethane	12.60	117	97975	48.25	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	392351	49.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54779	52.46	ug/l	97

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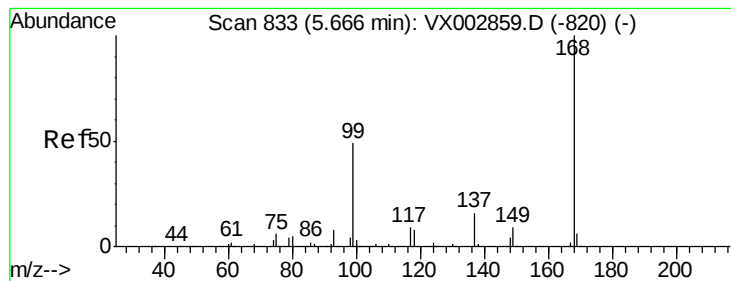
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	279602	48.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	137167	47.73	ug/l	98
95) Naphthalene	13.83	128	817114	53.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	285221	49.56	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 273193

Ion Ratio Lower Upper

168 100

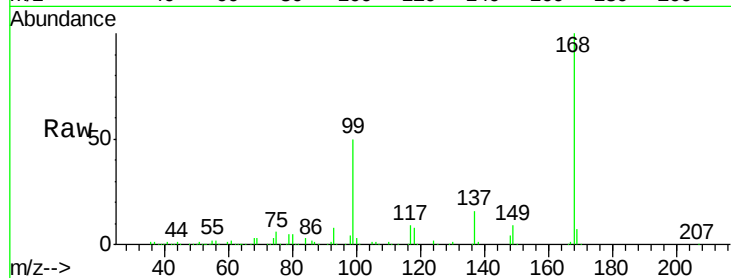
99 50.3 39.3 58.9

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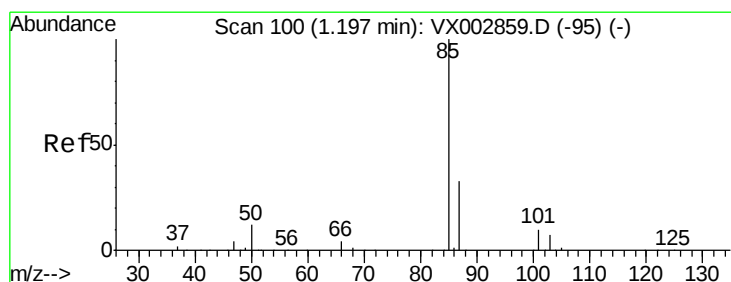
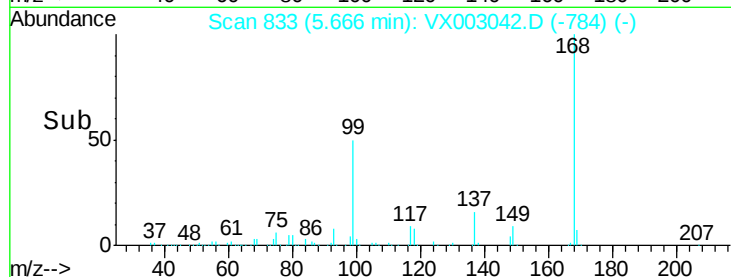
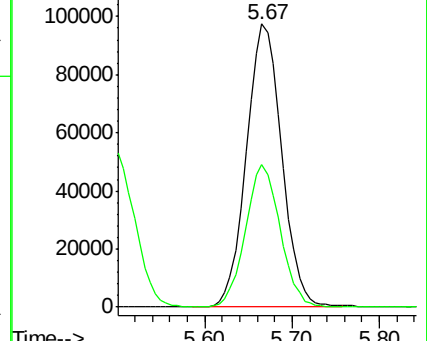
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 60.59 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003042.D

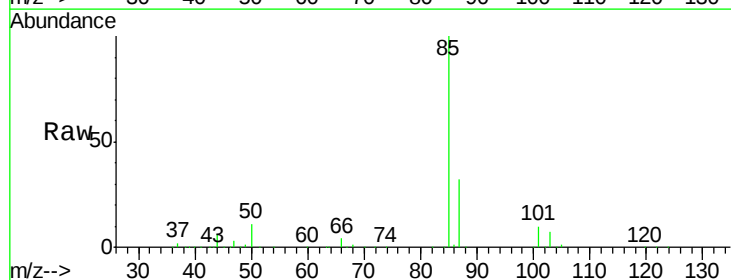
Acq: 29 Jun 2018 21:11

Tgt Ion: 85 Resp: 147634

Ion Ratio Lower Upper

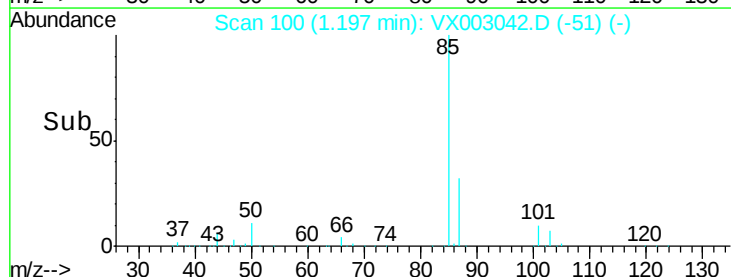
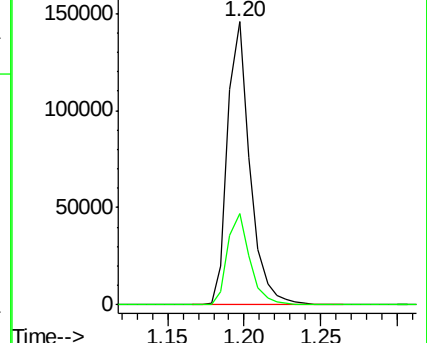
85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 58.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 147016

Ion Ratio Lower Upper

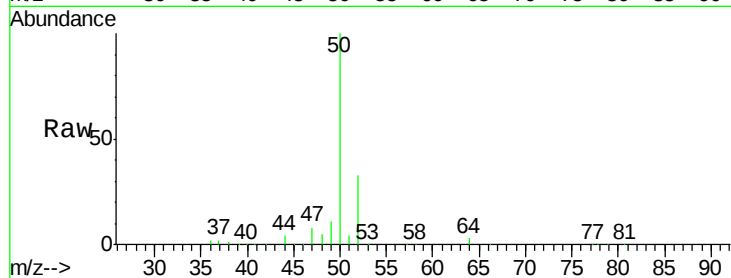
50 100

52 32.9 25.7 38.5

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

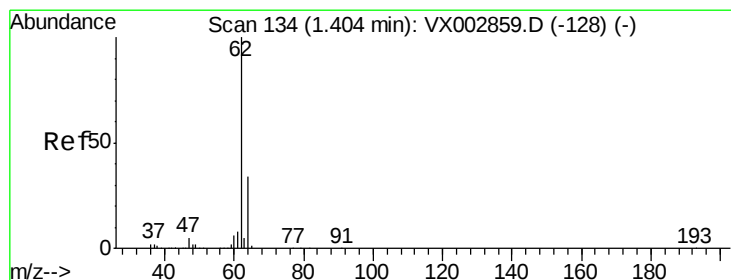
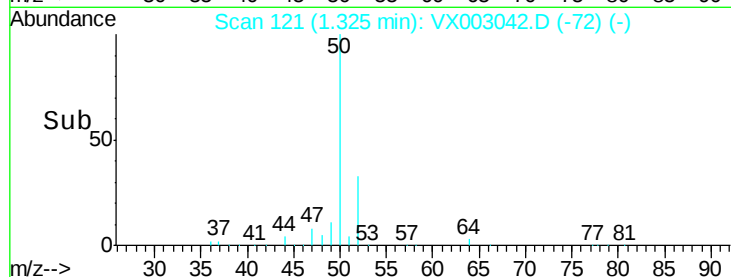
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003042.D

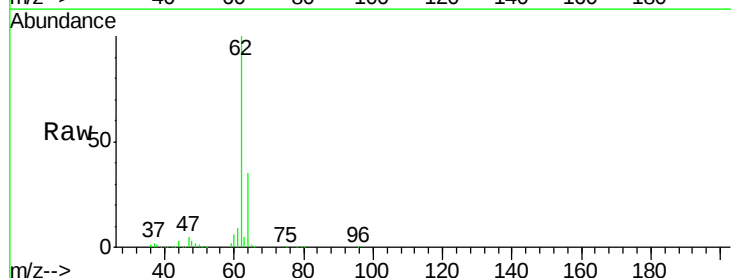
Acq: 29 Jun 2018 21:11

Tgt Ion: 62 Resp: 160096

Ion Ratio Lower Upper

62 100

64 34.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

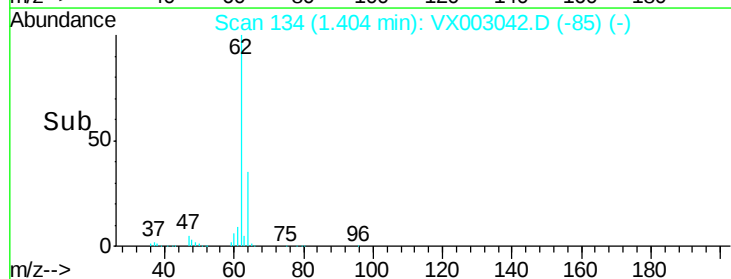
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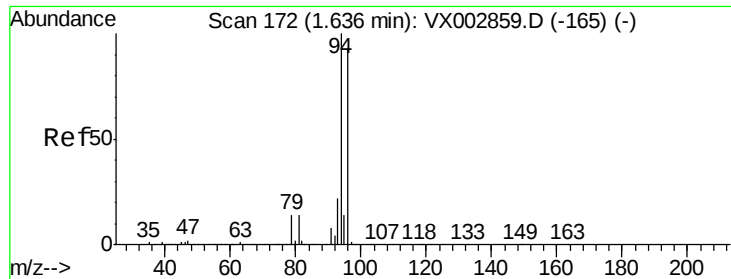
100000

50000

0

Time-->





#5

Bromomethane

Concen: 34.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 50799

Ion Ratio Lower Upper

94 100

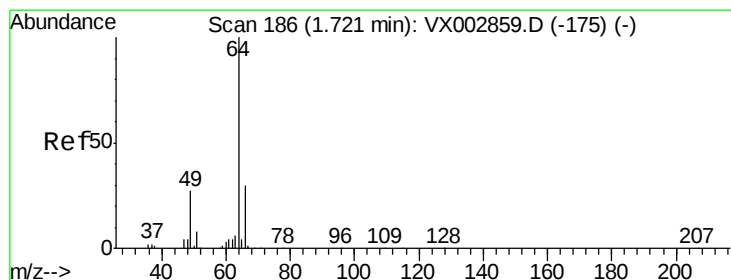
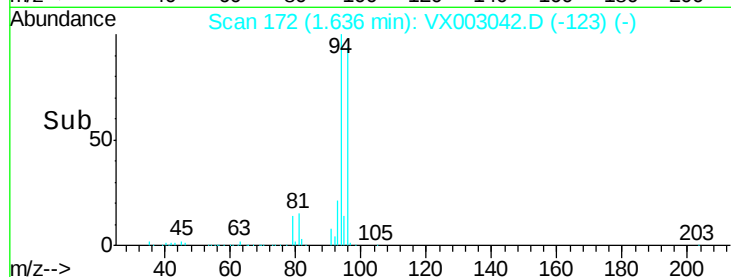
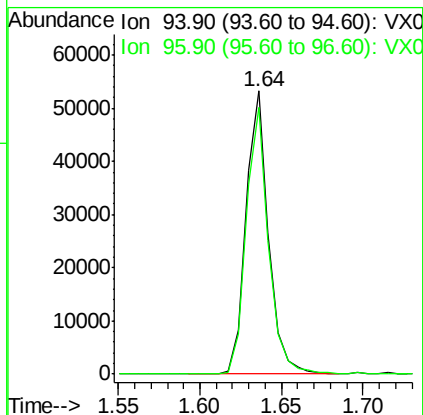
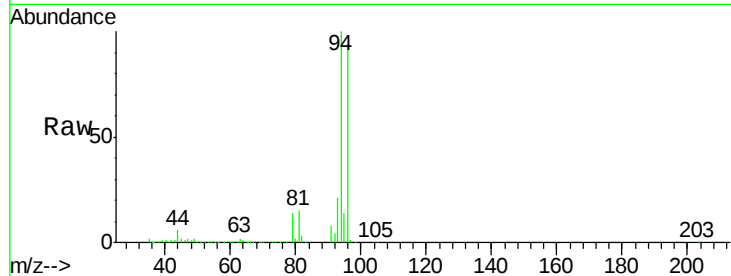
96 94.3 74.9 112.3

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#6

Chloroethane

Concen: 58.08 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003042.D

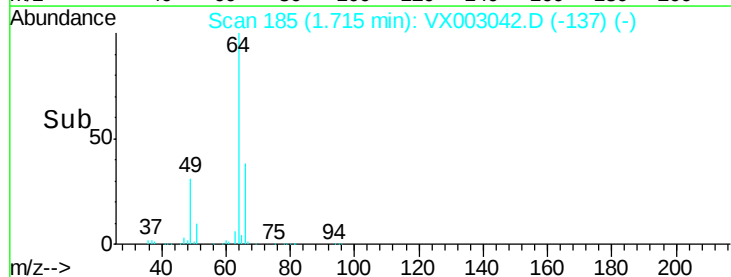
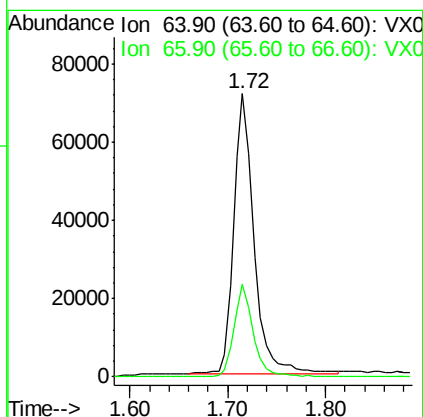
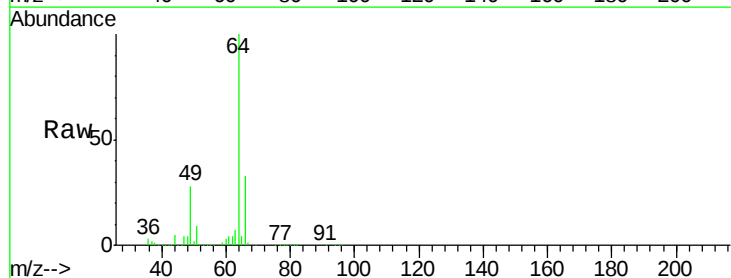
Acq: 29 Jun 2018 21:11

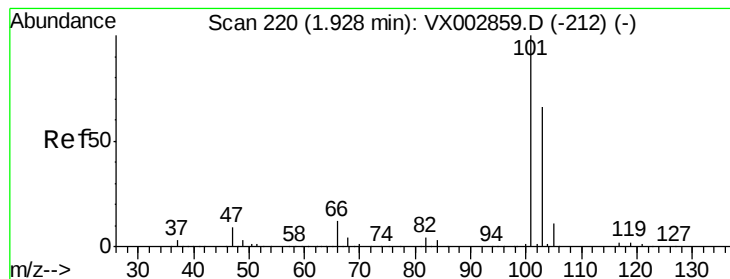
Tgt Ion: 64 Resp: 104656

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3





#7

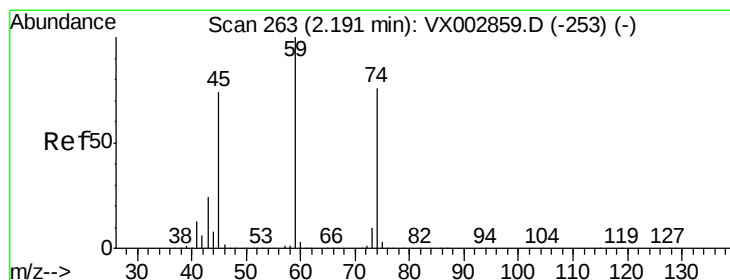
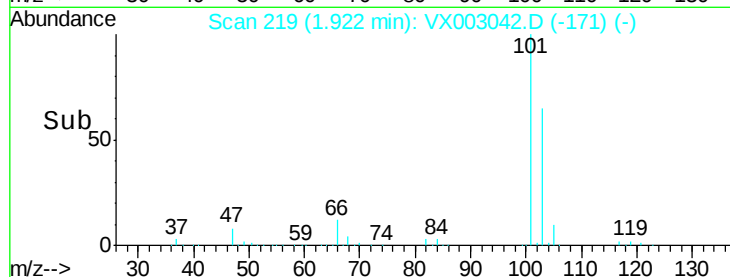
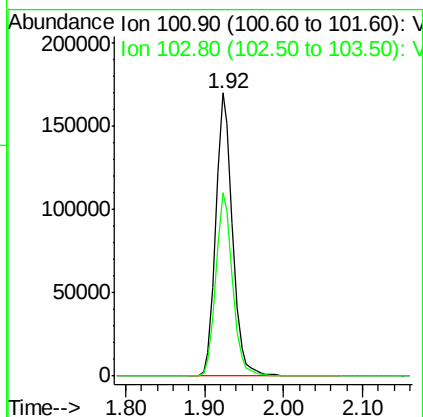
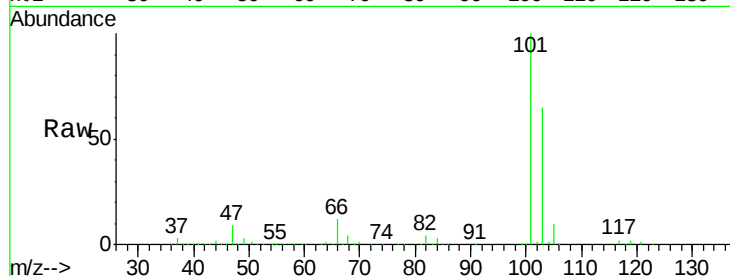
Trichlorofluoromethane
Concen: 48.19 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.8	79.2

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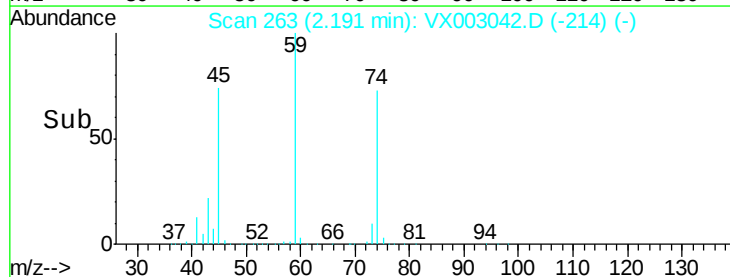
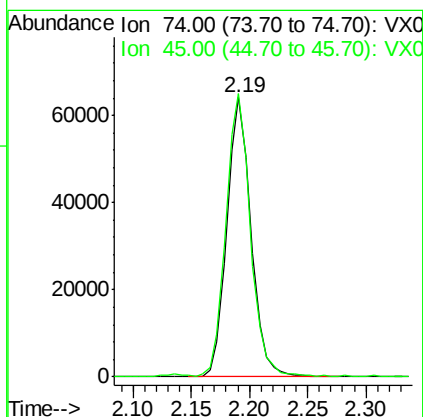
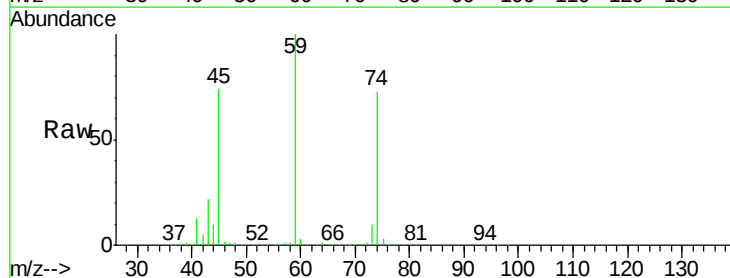
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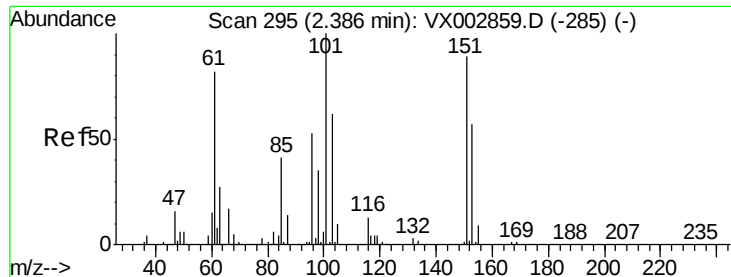


#8

Diethyl Ether
Concen: 48.78 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.62 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

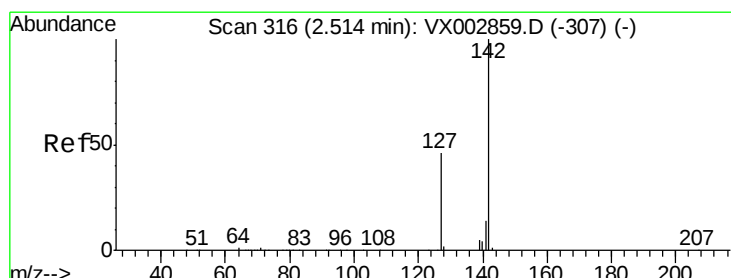
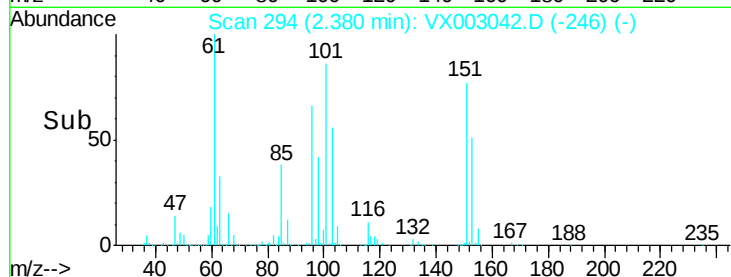
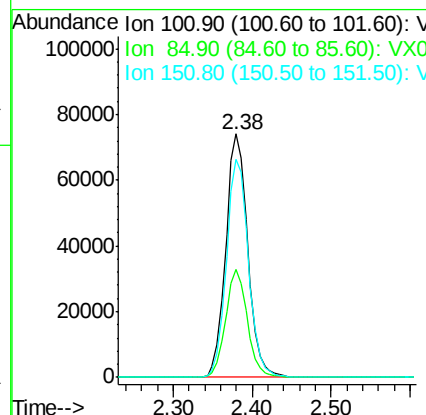
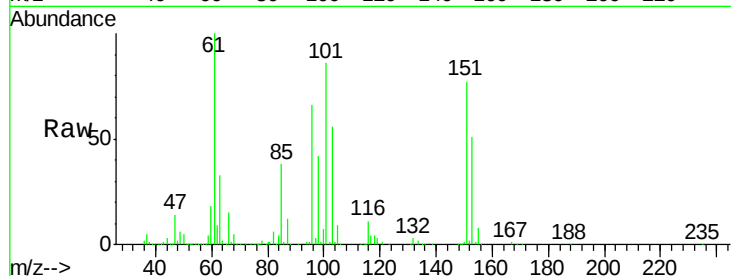
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	143802
Ion Ratio	Lower	Upper	
101	100		
85	43.7	36.0	54.0
151	89.7	70.9	106.3

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#10

Methyl Iodide

Concen: 41.84 ug/l

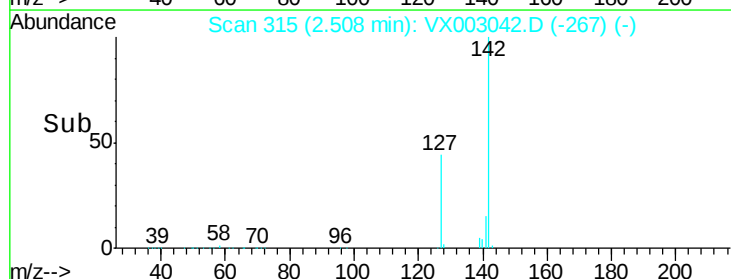
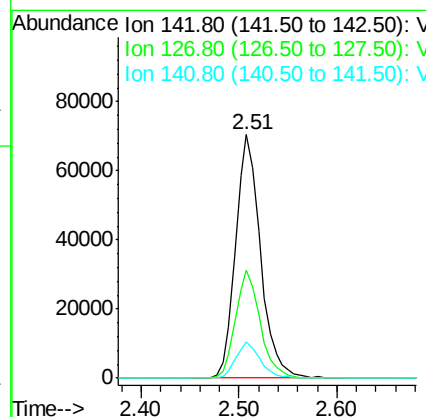
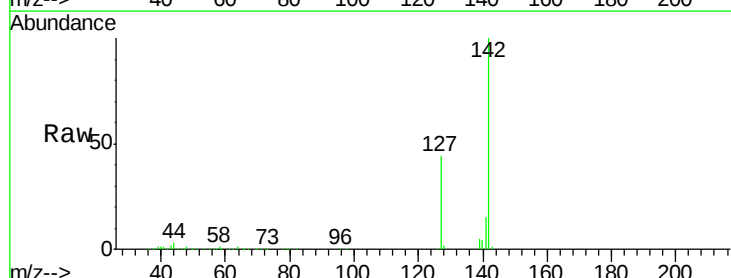
RT: 2.51 min Scan# 315

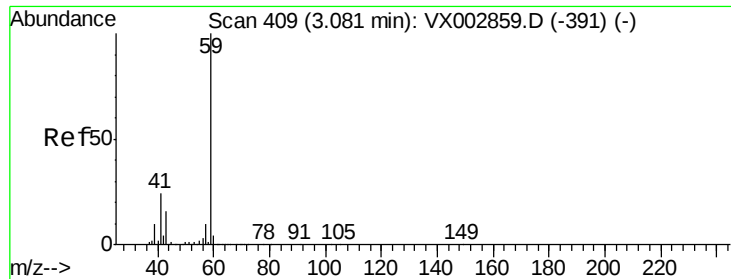
Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	142	Resp:	124585
Ion Ratio	Lower	Upper	
142	100		
127	44.1	36.6	55.0
141	14.4	11.3	16.9





#11

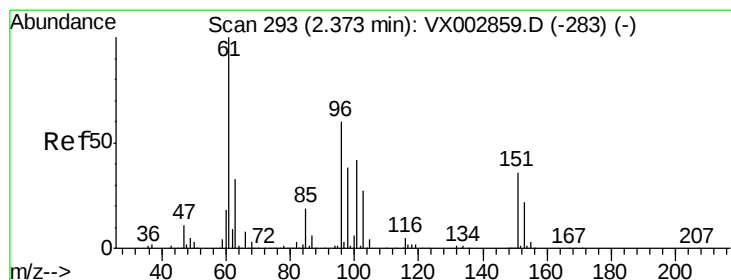
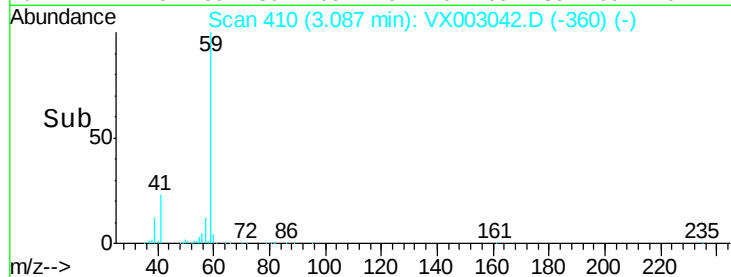
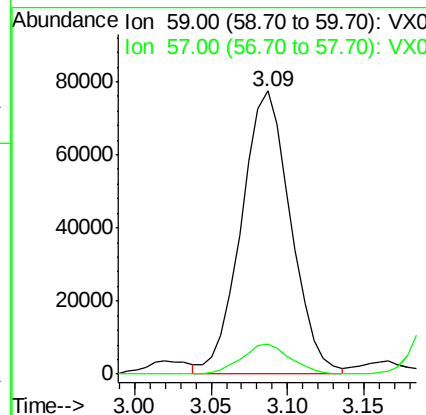
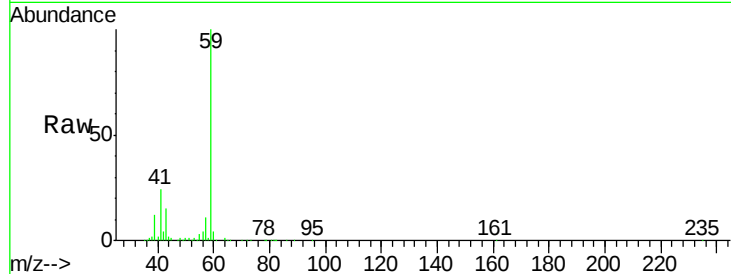
Tert butyl alcohol
Concen: 231.29 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	173982
Ion Ratio	100	Lower	Upper
57	10.9	8.2	12.2

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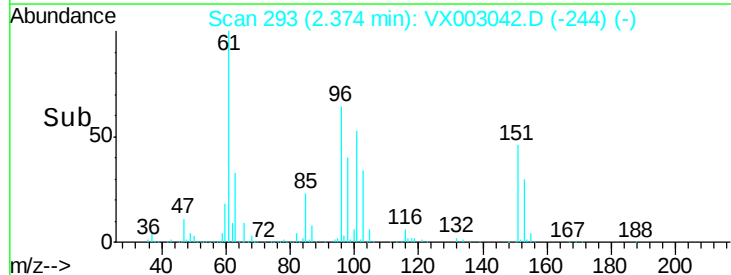
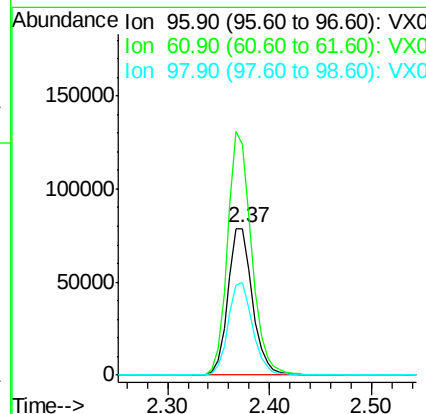
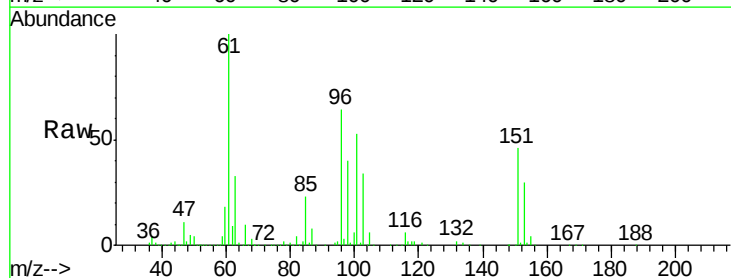
apatel
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#12

1,1-Dichloroethene
Concen: 48.82 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	96	Resp	131536
Ion Ratio	100	Lower	Upper
61	157.0	137.9	206.9
98	62.9	51.6	77.4





#13

Acrolein

Concen: 226.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 94147

Ion Ratio Lower Upper

56 100

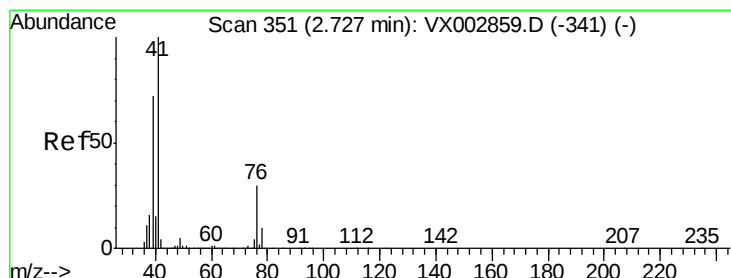
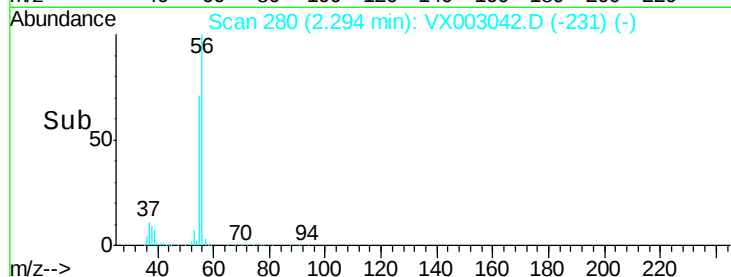
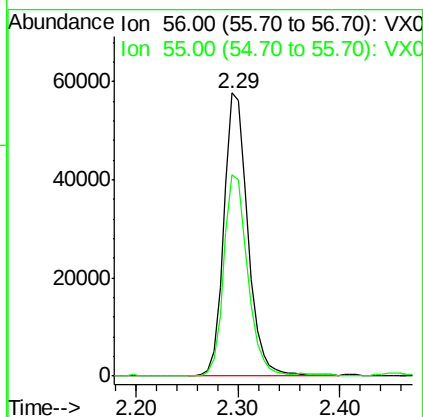
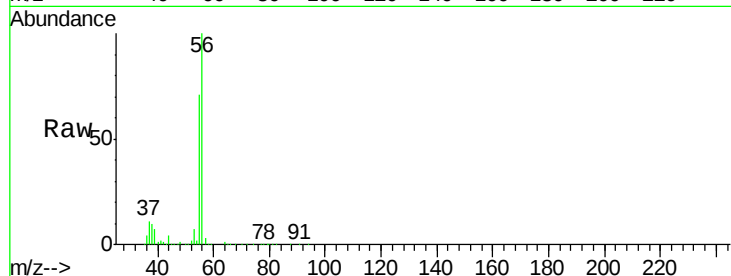
55 71.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.01 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

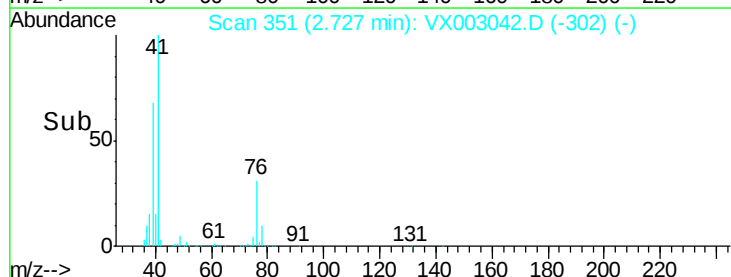
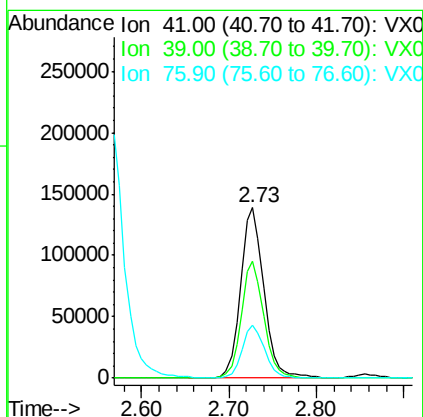
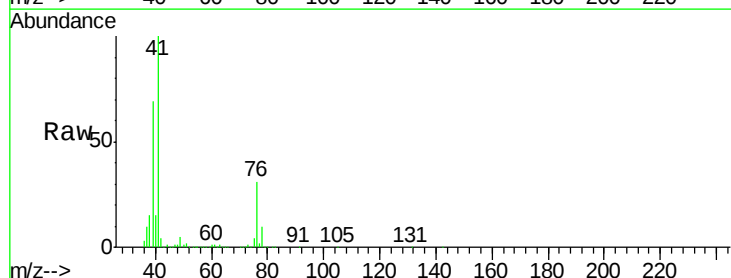
Tgt Ion: 41 Resp: 254985

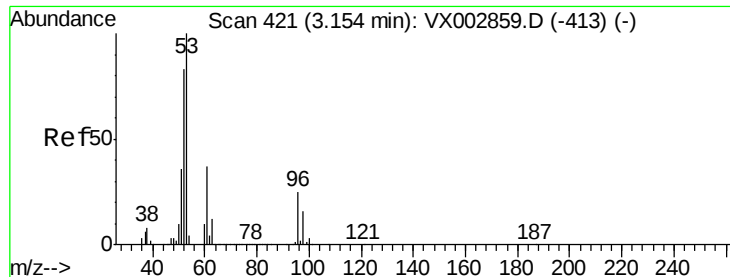
Ion Ratio Lower Upper

41 100

39 66.0 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 252.00 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

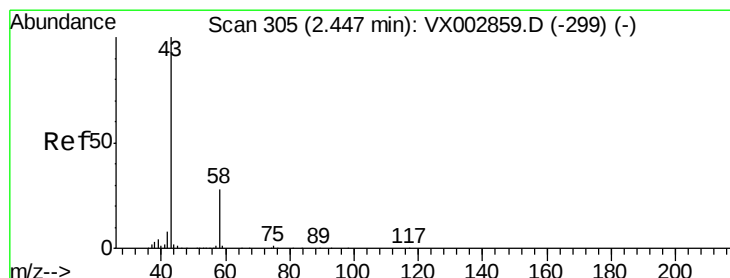
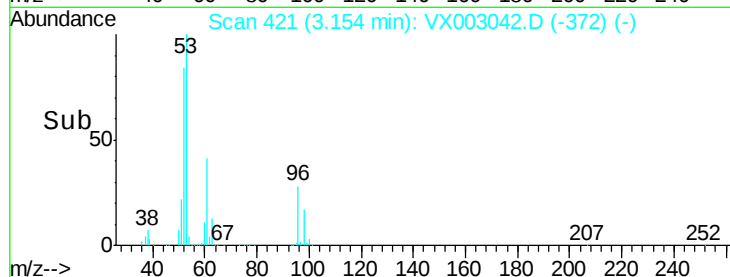
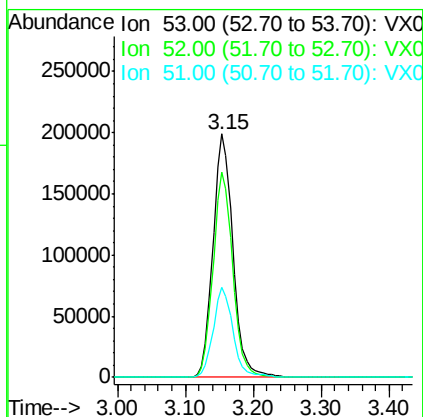
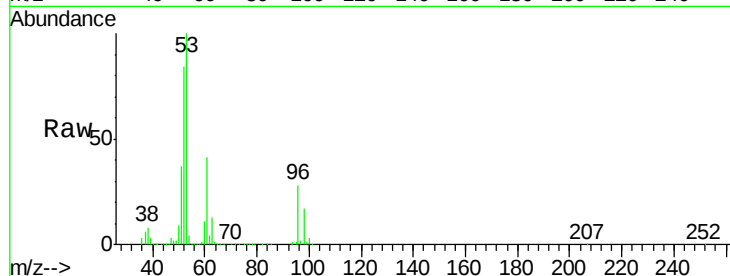
ClientSampleID :

VSTDCCC050EC

Tot Ion:	53	Resp:	404895
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.7	100.1
51	36.3	29.9	44.9

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#16

Acetone

Concen: 233.54 ug/l

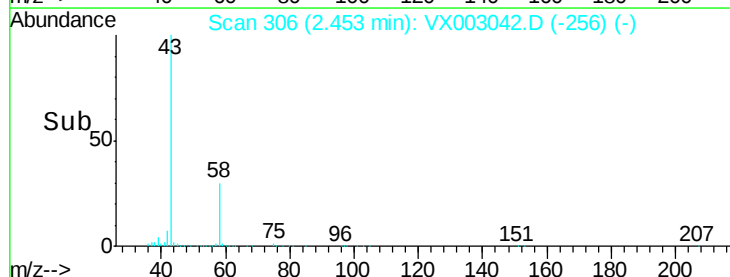
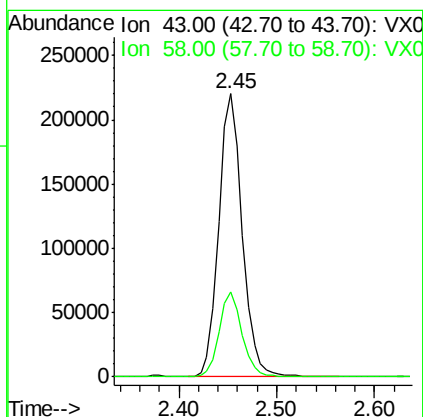
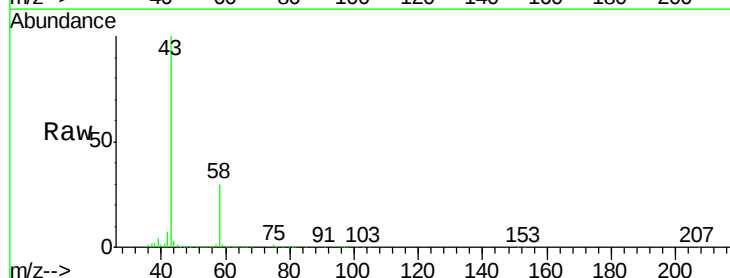
RT: 2.45 min Scan# 306

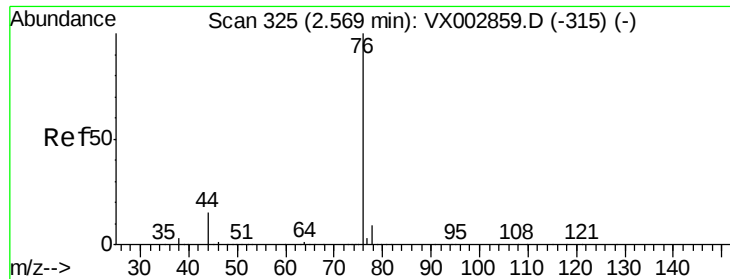
Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	43	Resp:	365210
Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.1	33.1





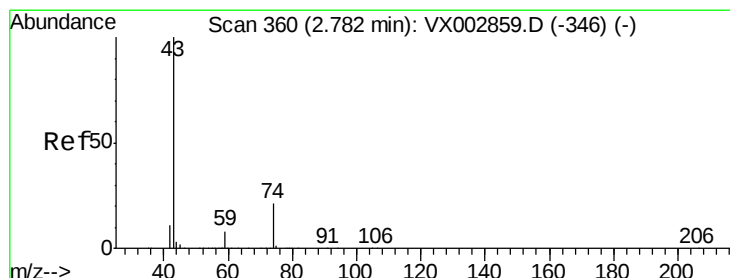
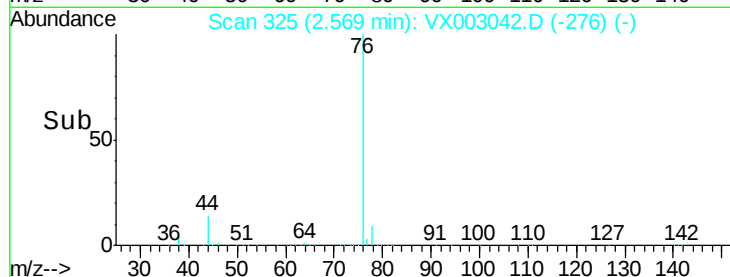
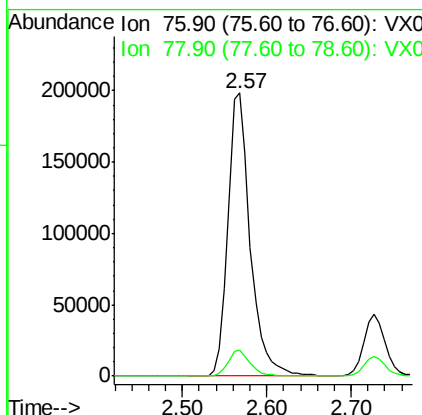
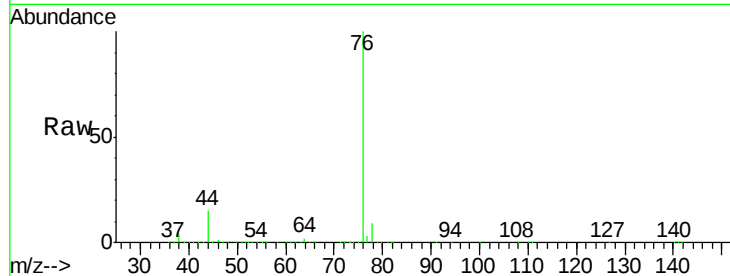
#17
Carbon Disulfide
Concen: 50.06 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

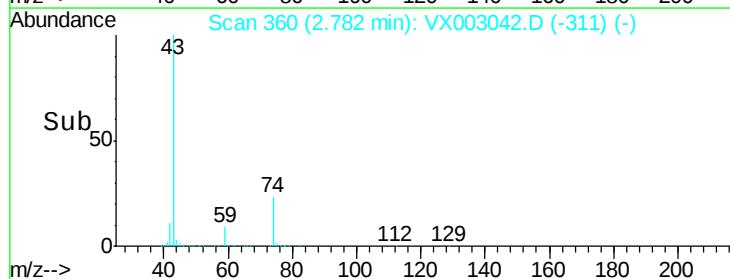
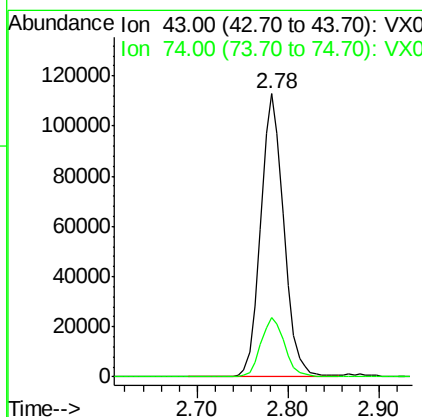
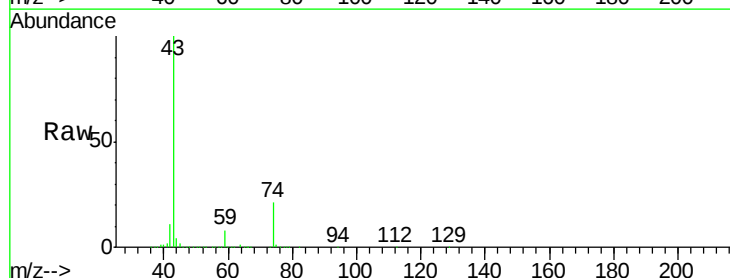
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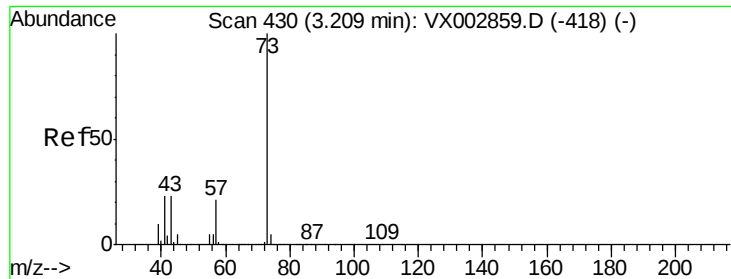
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#18
Methyl Acetate
Concen: 45.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	16.7	25.1





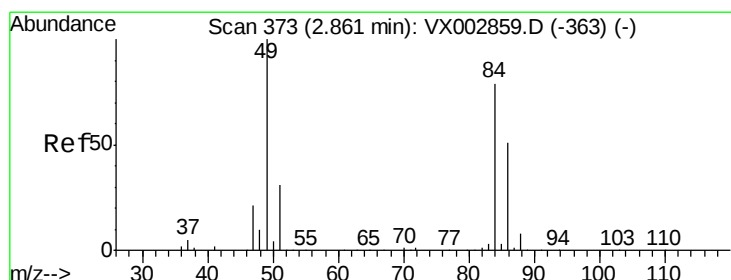
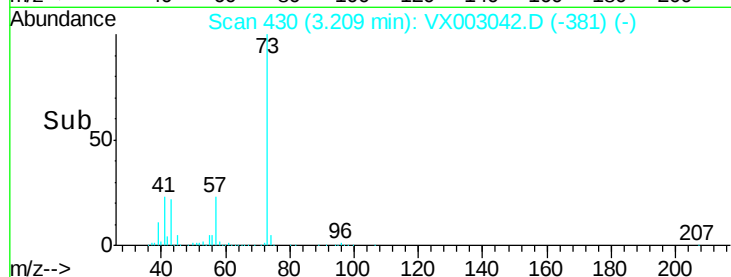
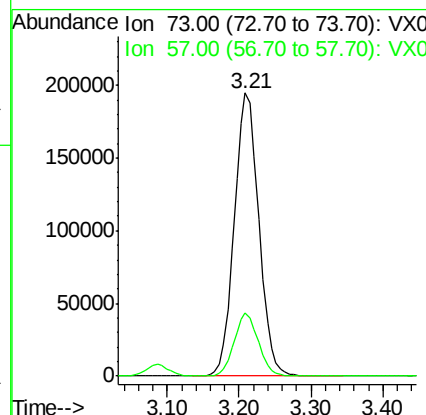
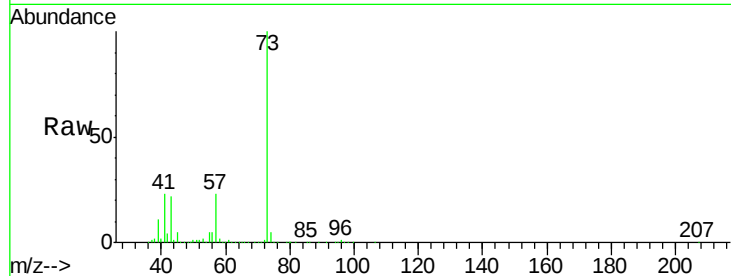
#19
Methvl tert-butvl Ether
Concen: 47.56 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 460635
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

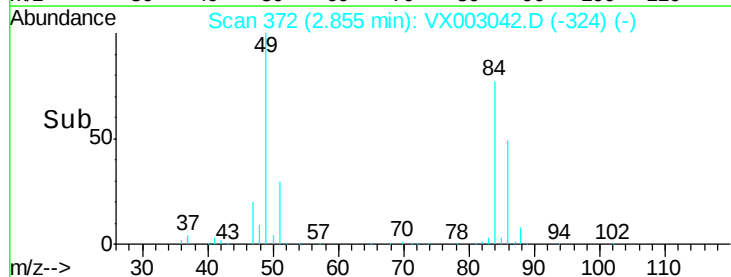
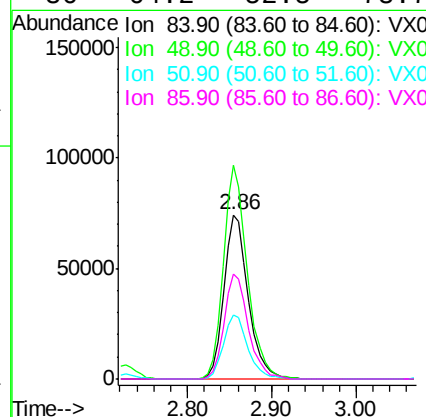
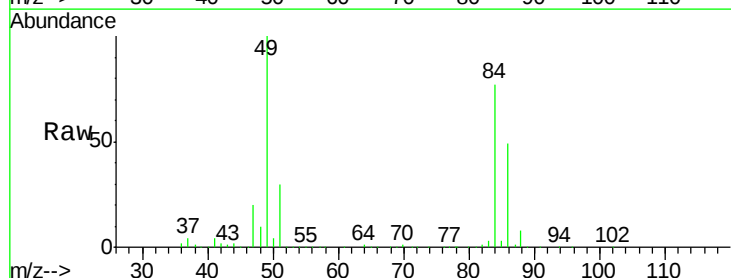
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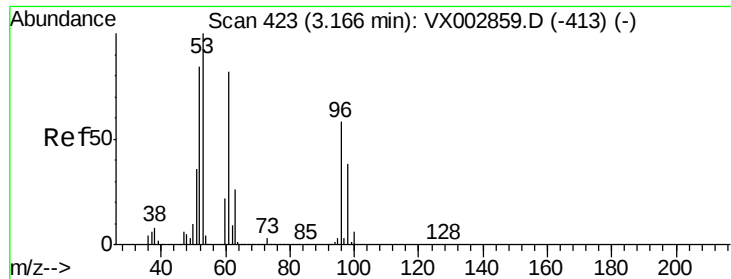
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#20
Methylene Chloride
Concen: 48.21 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 84 Resp: 146718
Ion Ratio Lower Upper
84 100
49 129.8 107.8 161.6
51 38.9 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

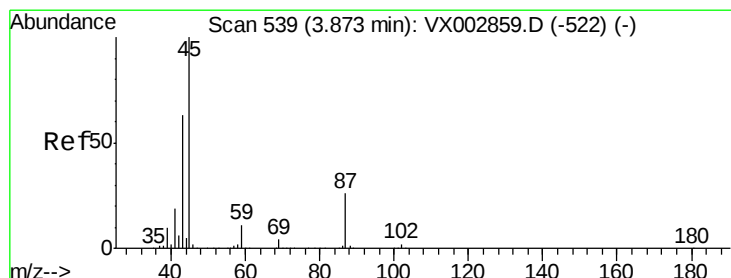
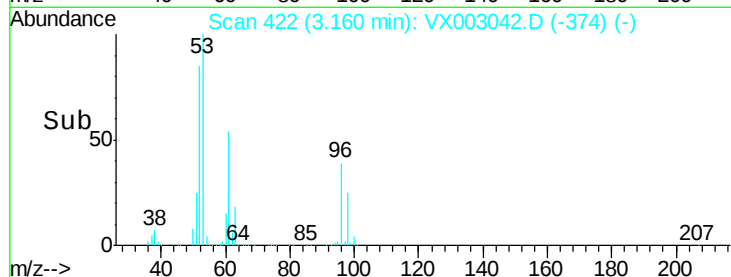
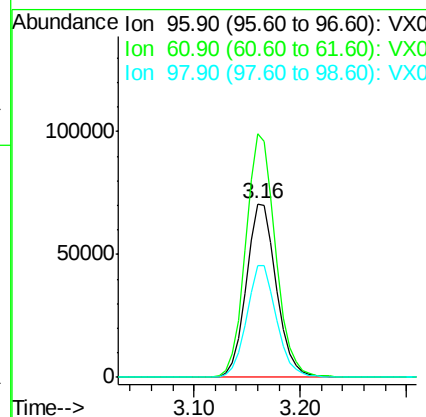
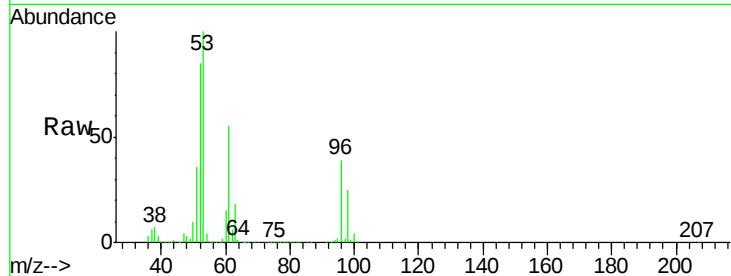
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	140332
Ion	Ratio	Lower	Upper
96	100		
61	140.3	117.0	175.4
98	64.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.92 ug/l

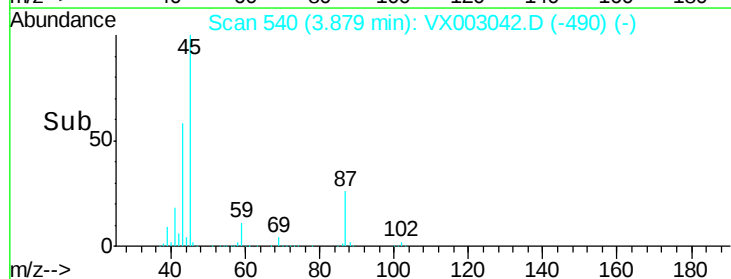
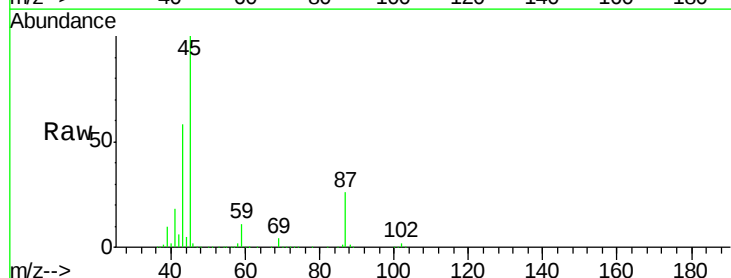
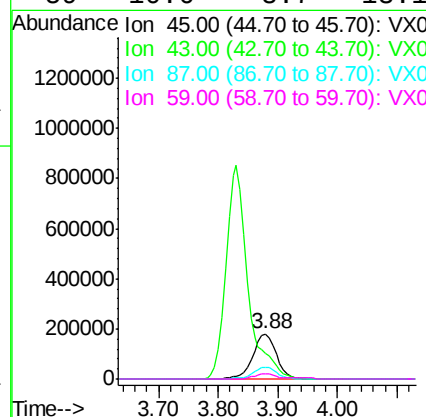
RT: 3.88 min Scan# 540

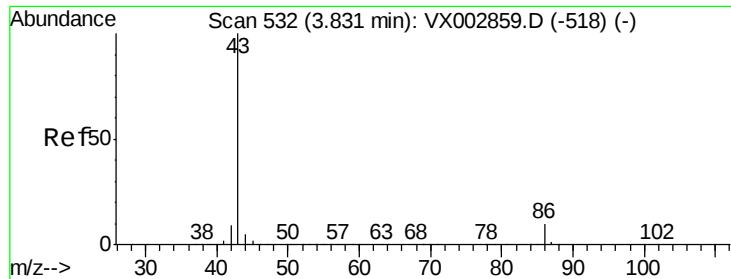
Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	45	Resp:	496603
Ion	Ratio	Lower	Upper
45	100		
43	57.6	46.8	70.2
87	26.0	20.2	30.4
59	10.6	8.7	13.1





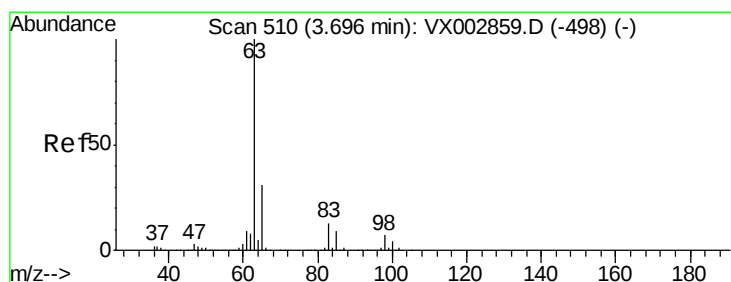
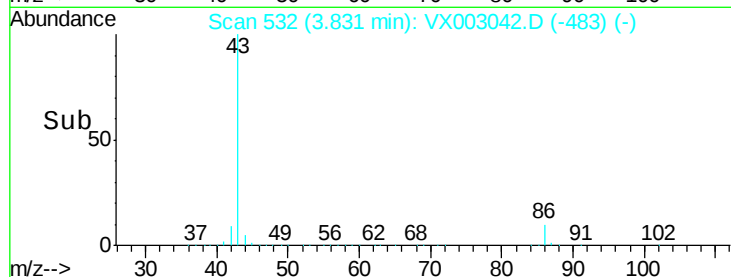
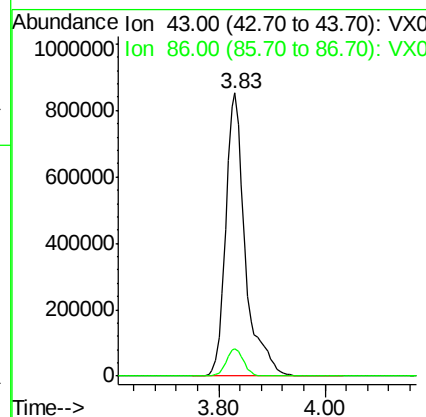
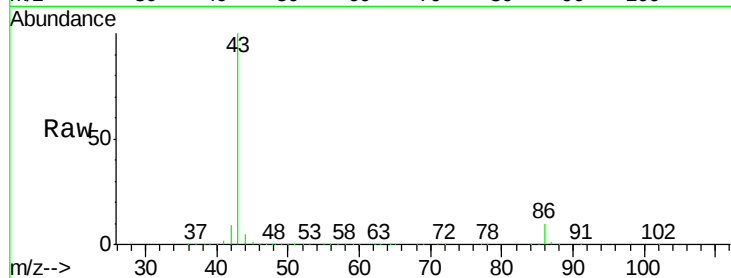
#23
 Vinyl Acetate
 Concen: 254.18 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2185088
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0

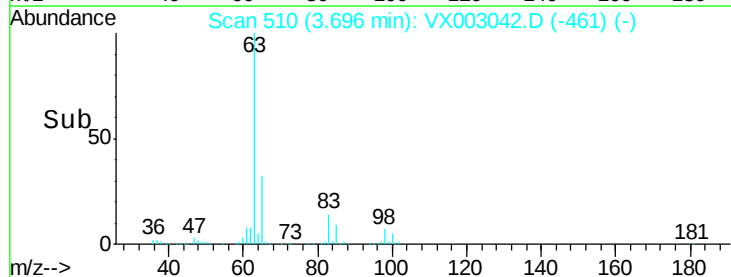
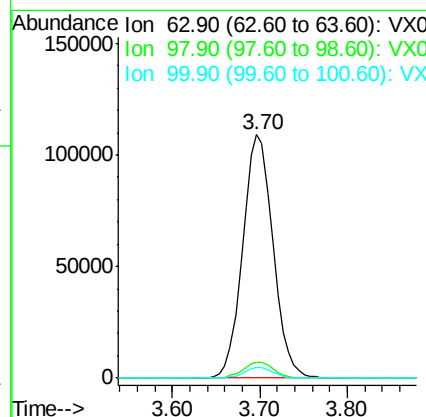
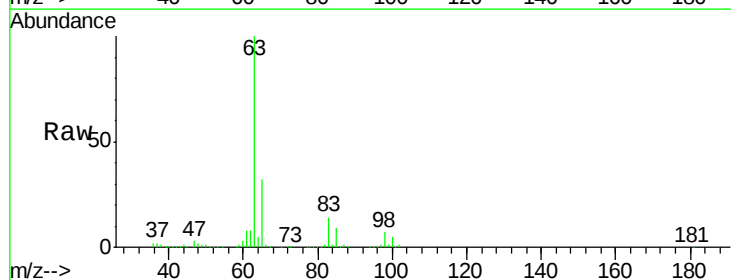
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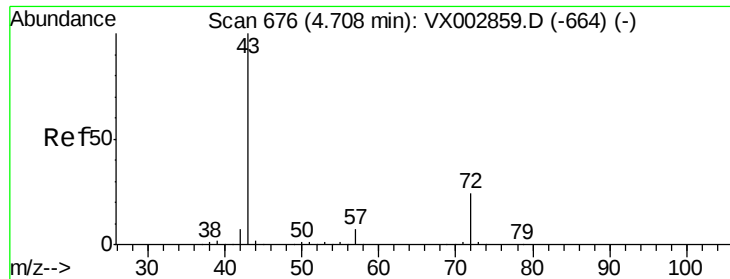
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#24
 1,1-Dichloroethane
 Concen: 47.52 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion: 63 Resp: 262219
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.5 2.0 6.0





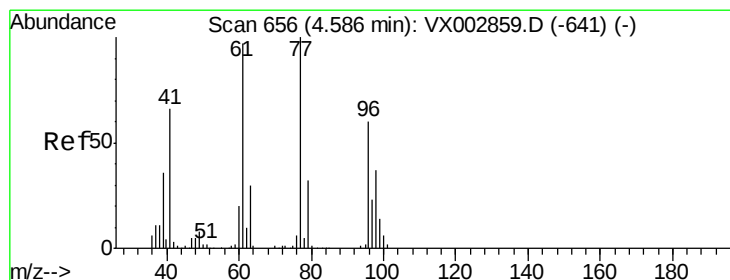
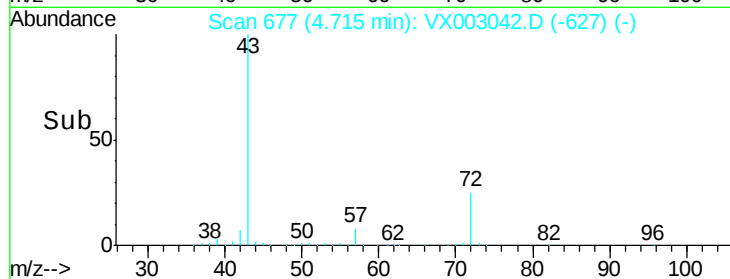
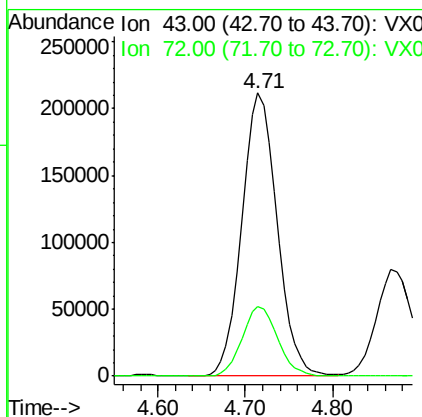
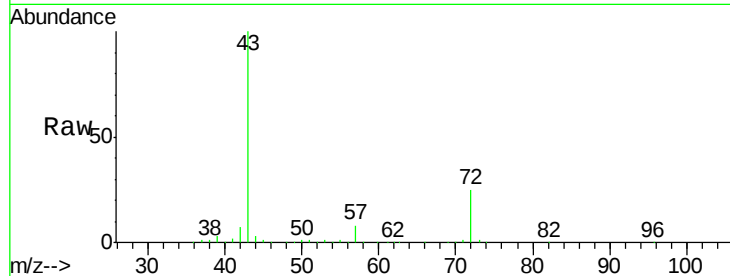
#25
2-Butanone
Concen: 255.65 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Ratio	Lower	Upper
43	100			
72	24.5	18.5	27.7	

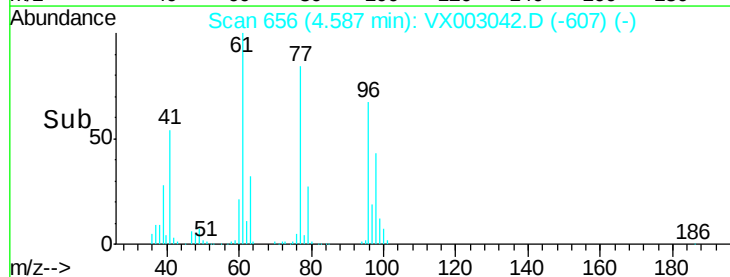
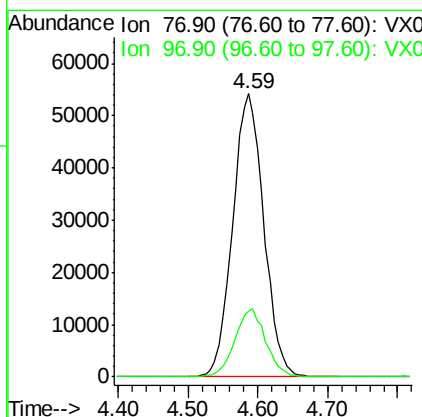
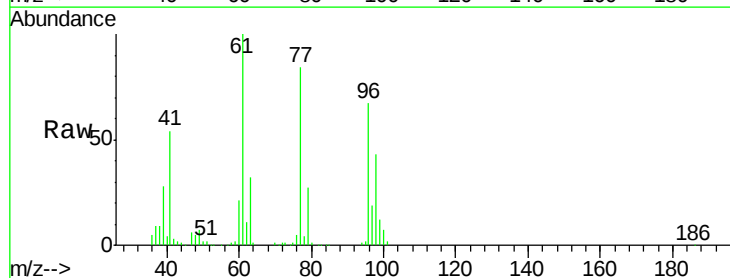
Manual Integrations
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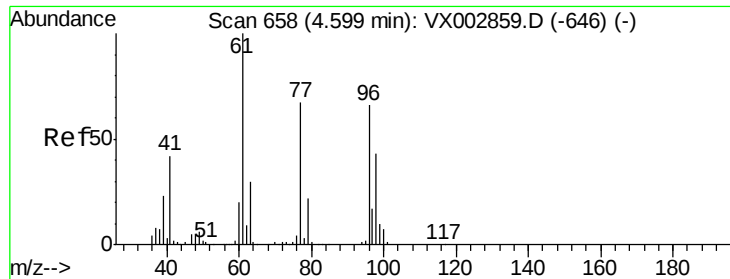
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#26
2,2-Dichloropropane
Concen: 37.24 ug/l
RT: 4.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	77	Ratio	Lower	Upper
77	100			
97	23.8	11.2	33.5	





#27

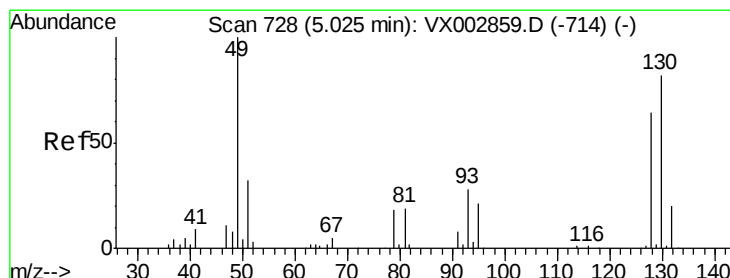
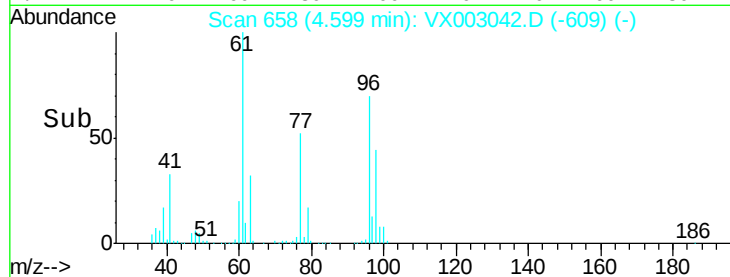
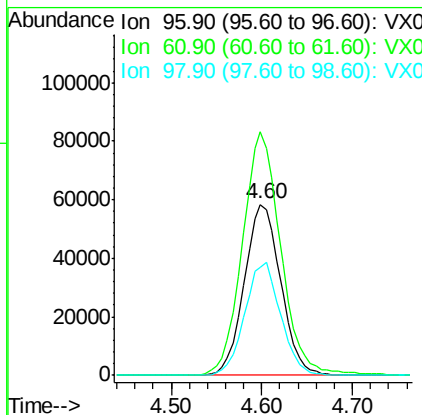
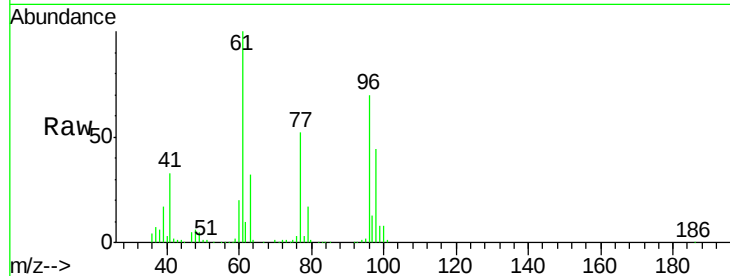
cis-1,2-Dichloroethene
 Concen: 49.31 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	330.2
98	64.9	0.0	130.2

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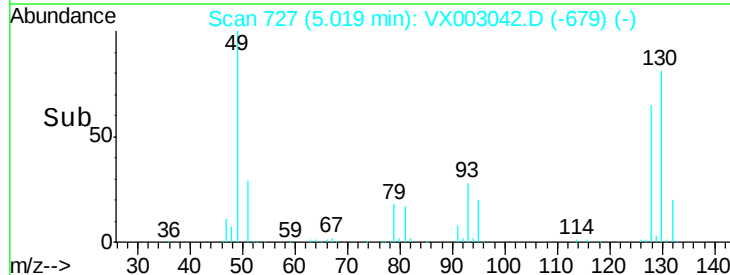
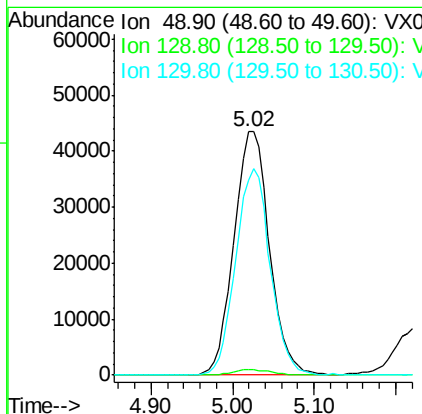
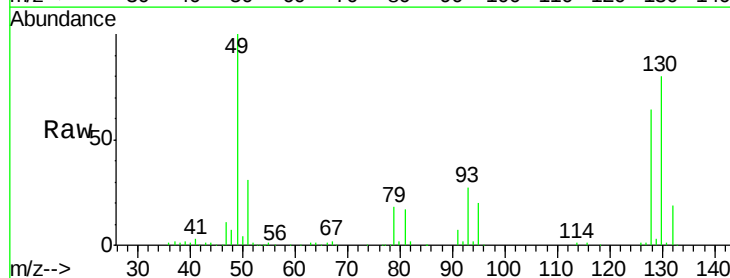
apatel
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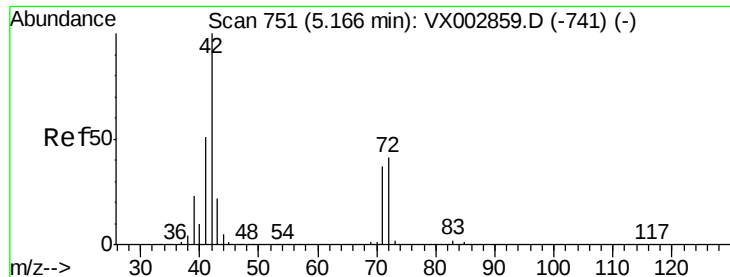


#28

Bromochloromethane
 Concen: 49.75 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	82.7	61.2	91.8





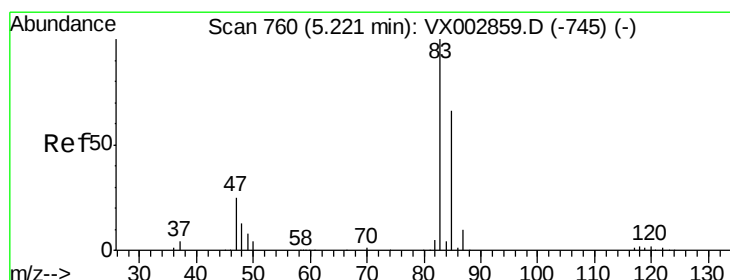
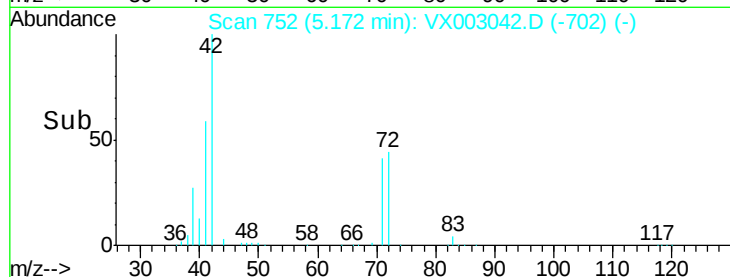
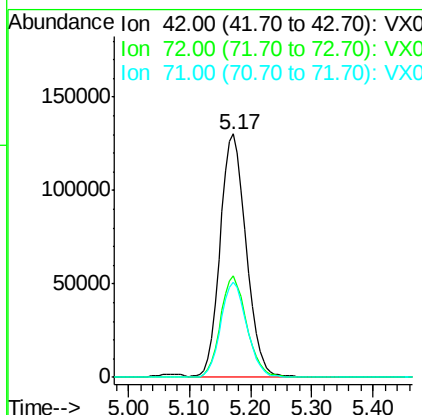
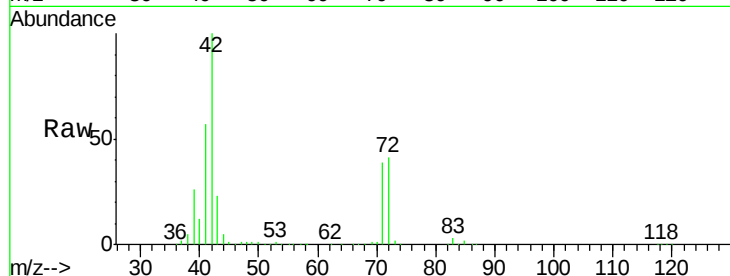
#29
Tetrahydrofuran
Concen: 257.58 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	32.0	48.0
71	39.2	30.1	45.1

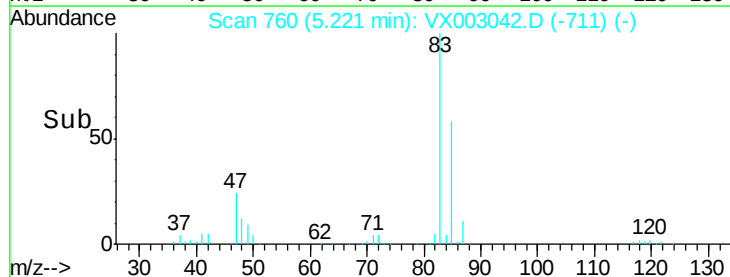
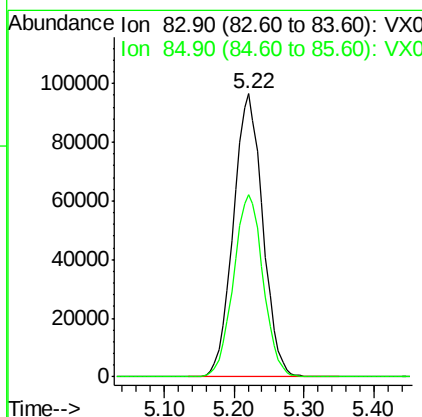
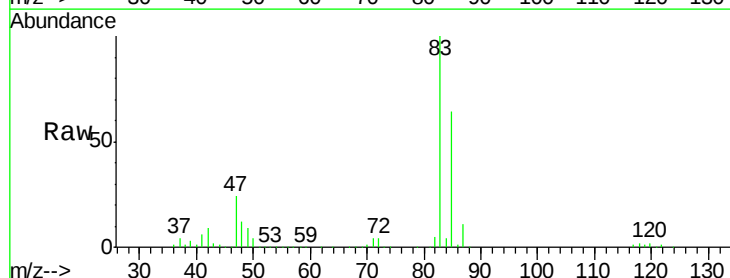
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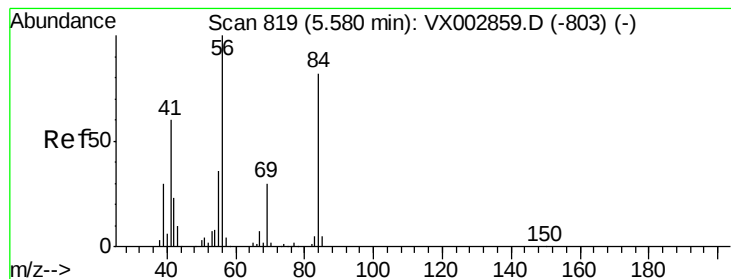
apatel
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#30
Chloroform
Concen: 49.76 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.4	75.6





#31

Cyclohexane

Concen: 49.01 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

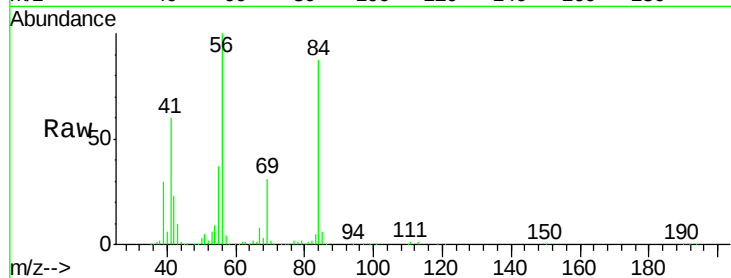
ClientSampled :

VSTDCCC050EC

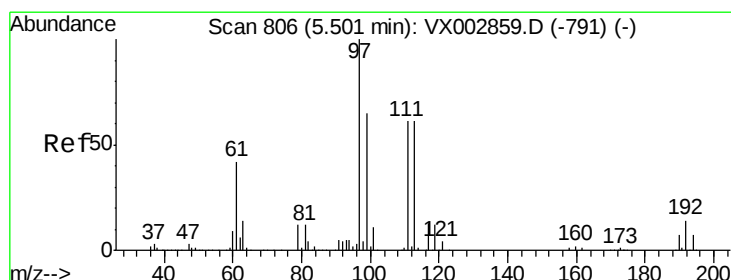
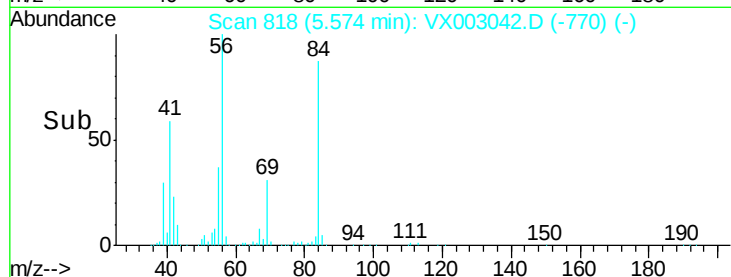
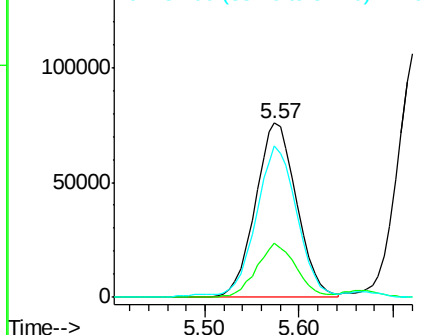
Tot Ion:	56	Resp:	232101
Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.7	35.5
84	85.3	64.1	96.1

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.03 ug/l

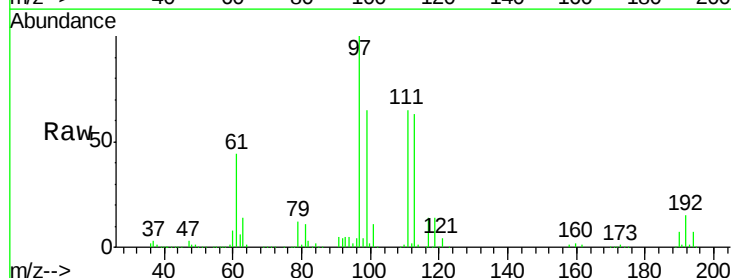
RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

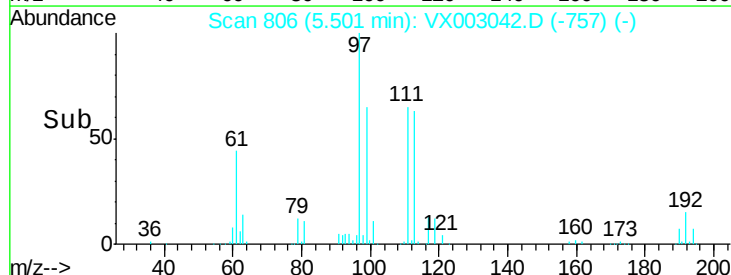
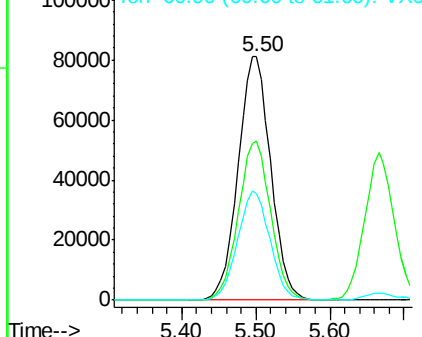
Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	97	Resp:	249288
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	44.4	36.4	54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





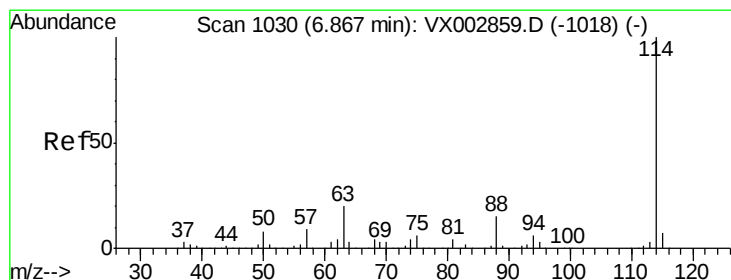
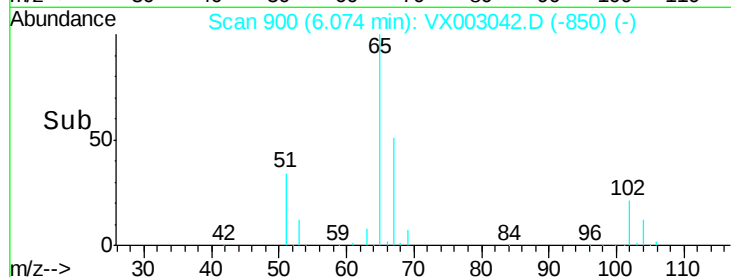
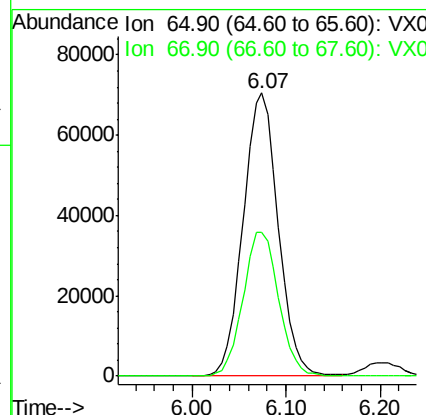
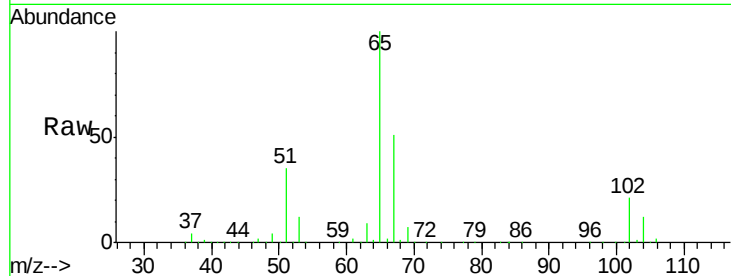
#33
 1,2-Dichloroethane-d4
 Concen: 48.77 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

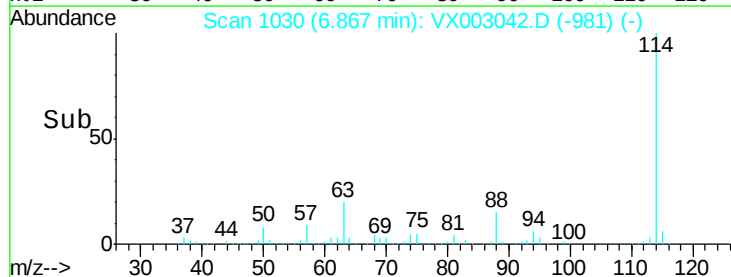
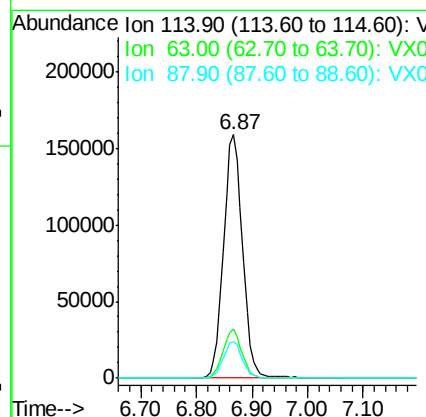
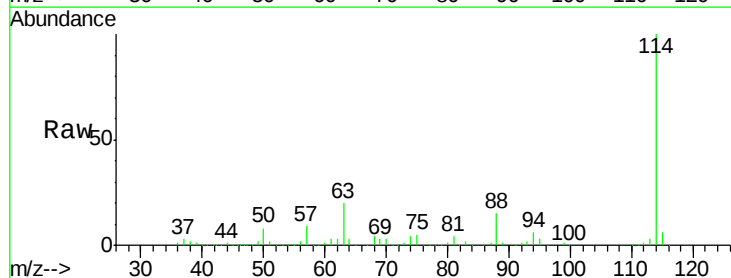
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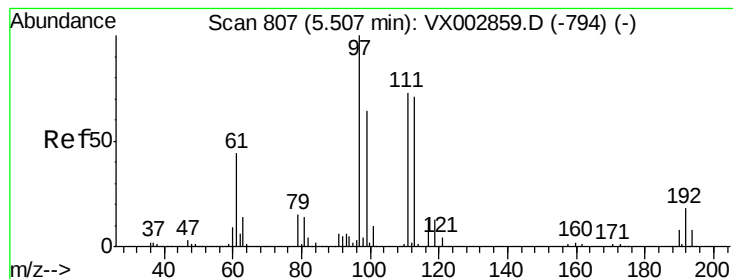
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.4
88	14.8	0.0	30.0





#35

Dibromofluoromethane

Concen: 51.48 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

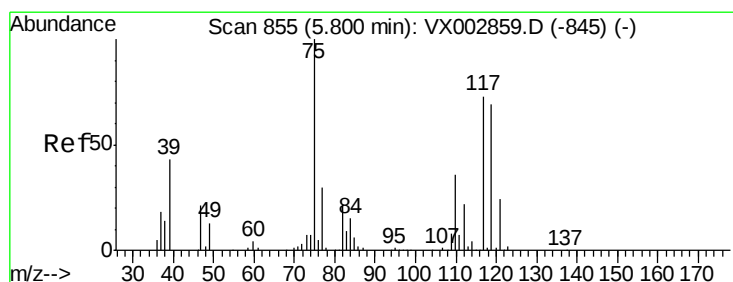
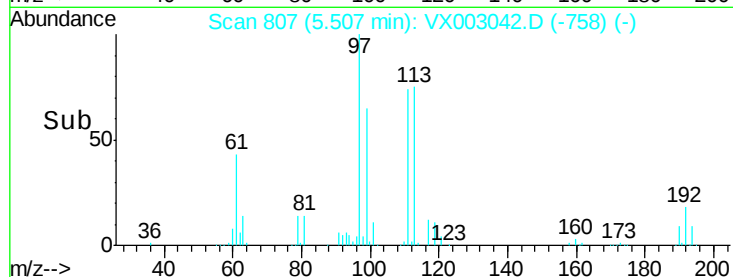
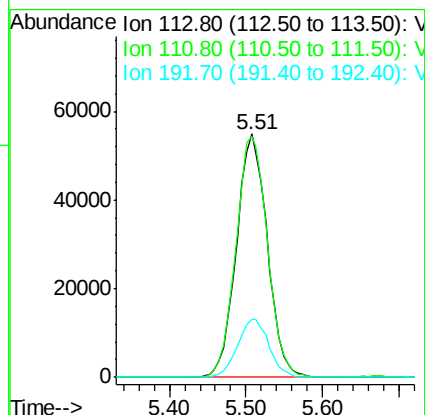
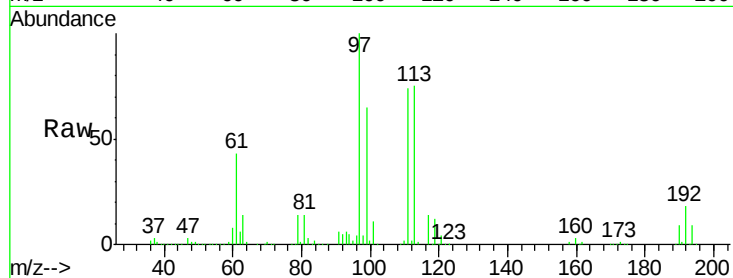
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	153284
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.0
192	24.4	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 49.42 ug/l

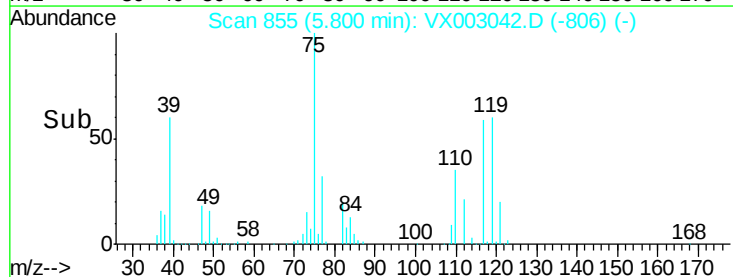
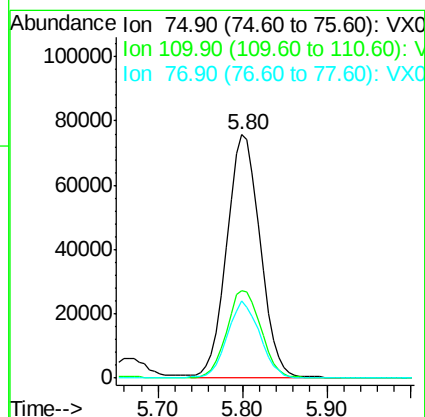
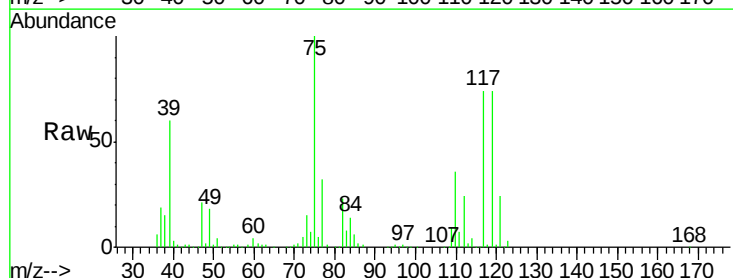
RT: 5.80 min Scan# 855

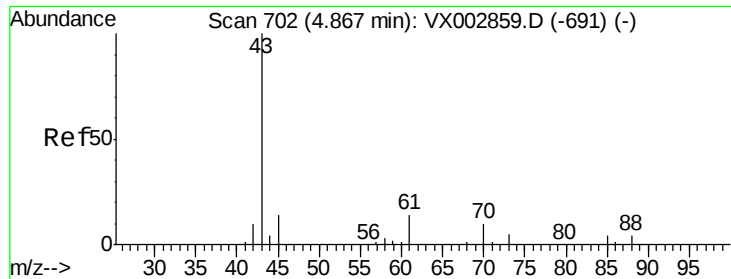
Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	75	Resp:	203754
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.1	54.4
77	31.6	24.3	36.5





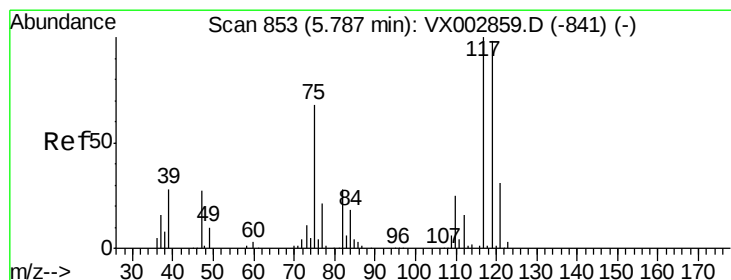
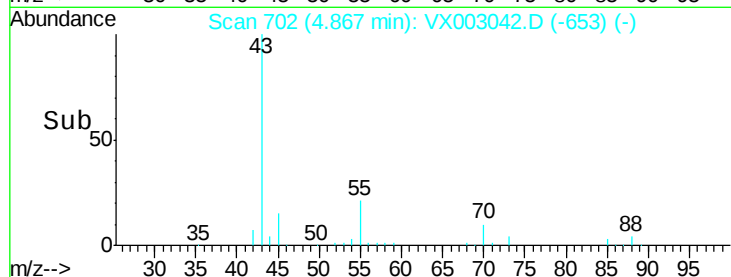
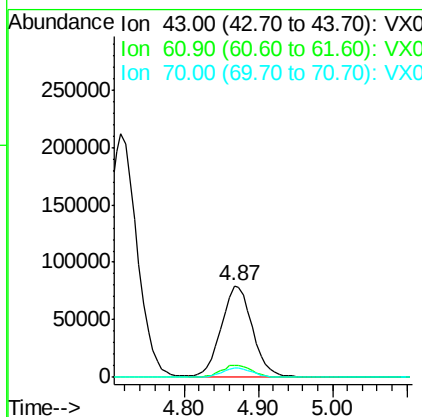
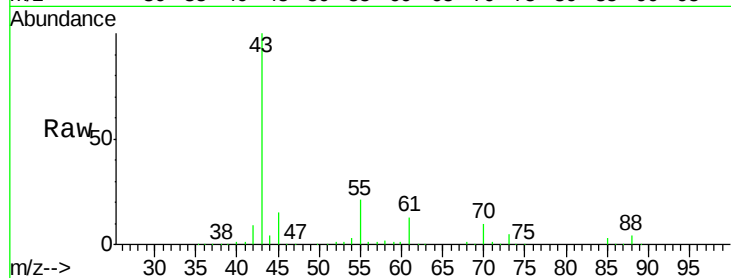
#37
Ethyl Acetate
Concen: 52.03 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	10.2	7.6	11.4

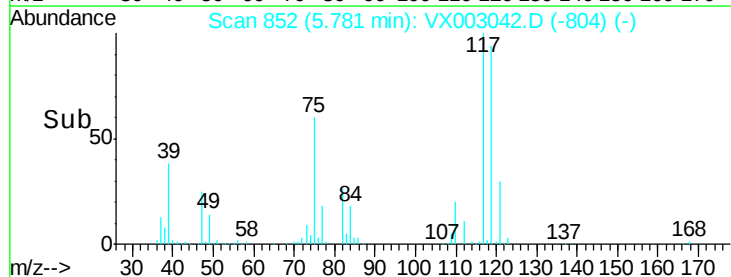
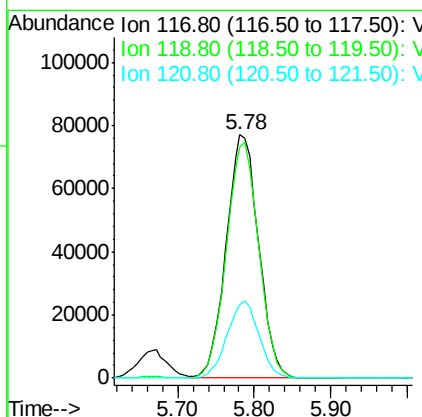
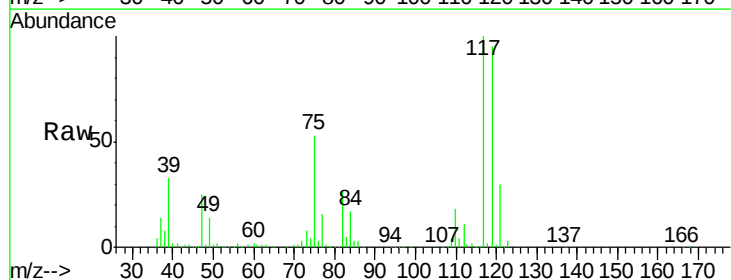
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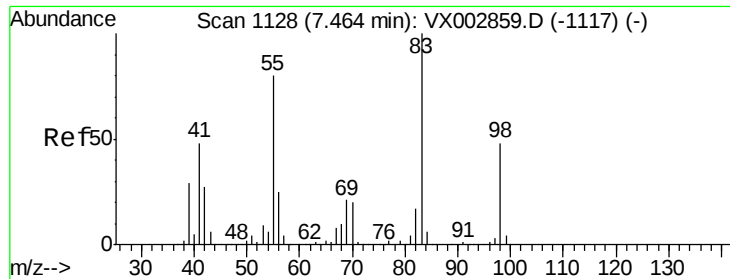
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#38
Carbon Tetrachloride
Concen: 49.92 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.0
121	30.1	24.4	36.6





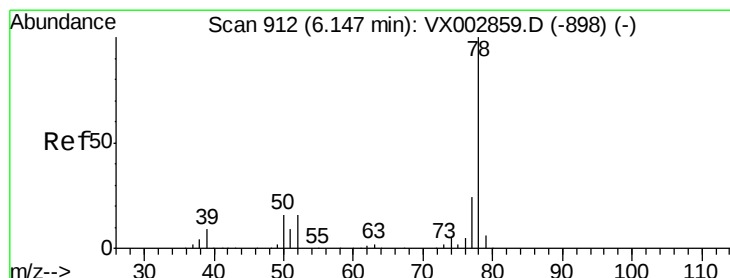
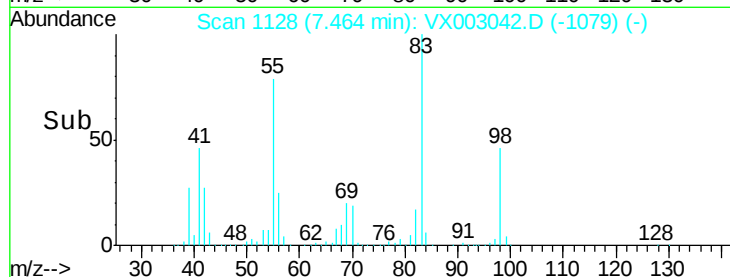
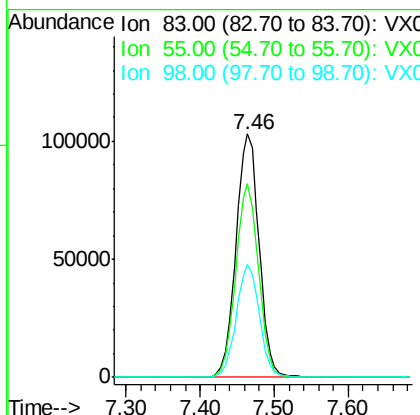
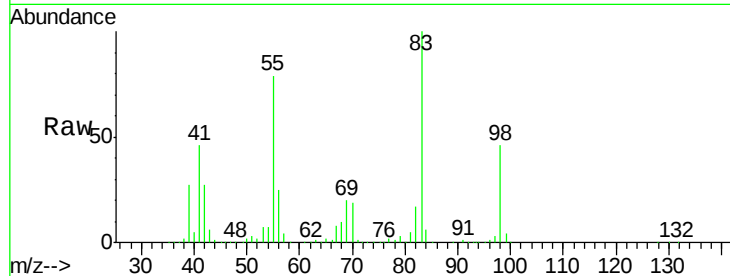
#39
Methvlcvclohexane
Concen: 46.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	224624		
55	79.4		65.4	98.0
98	46.2		37.4	56.0

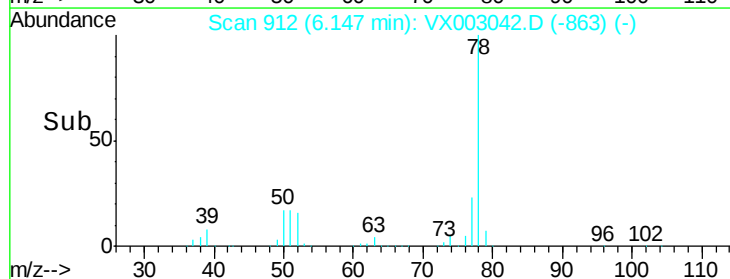
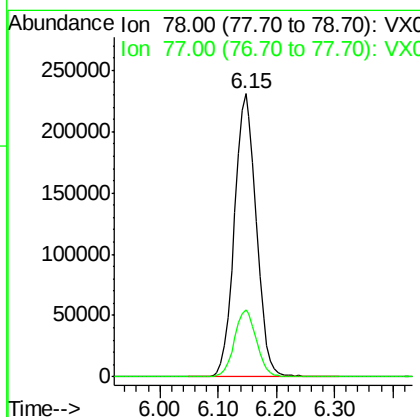
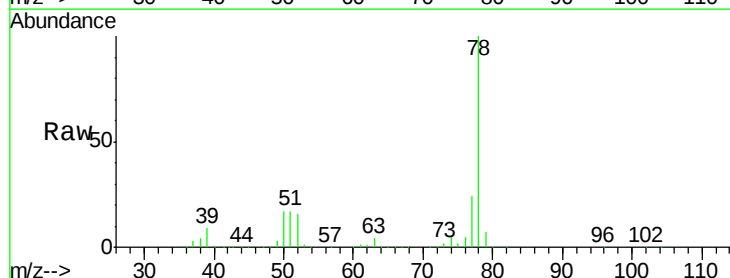
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#40
Benzene
Concen: 50.32 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	602847		
77	23.5		19.1	28.7





#41

Methacrylonitrile

Concen: 51.31 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

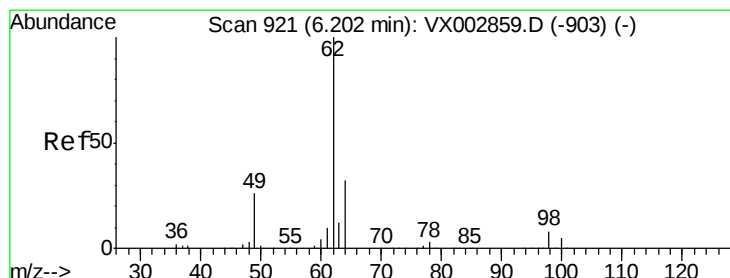
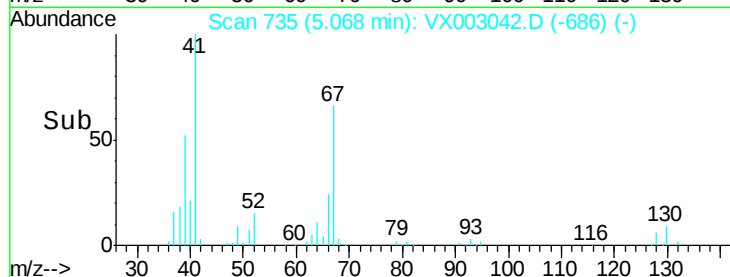
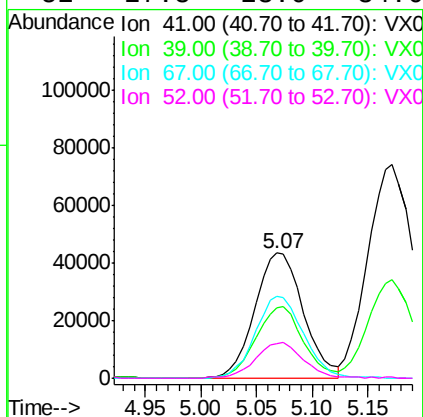
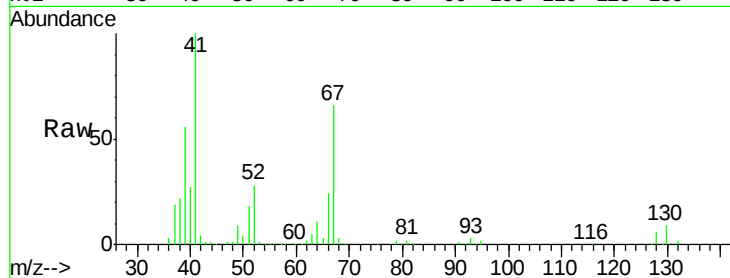
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.5	45.8	68.6	
67	65.8	51.3	76.9	
52	27.8	23.0	34.6	

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#42

1,2-Dichloroethane

Concen: 47.98 ug/l

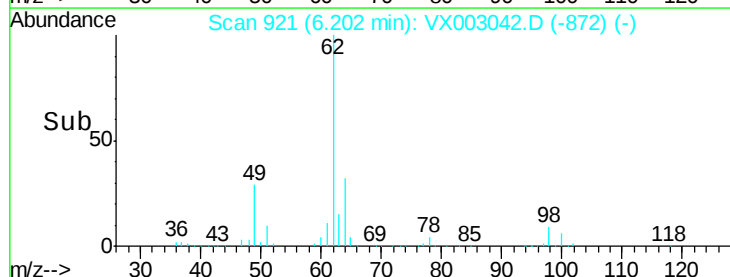
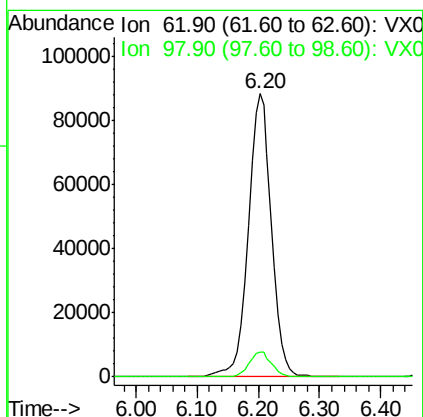
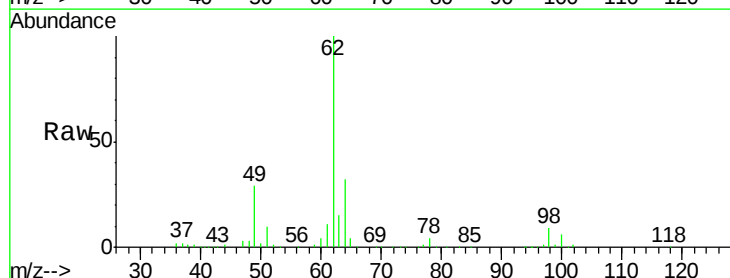
RT: 6.20 min Scan# 921

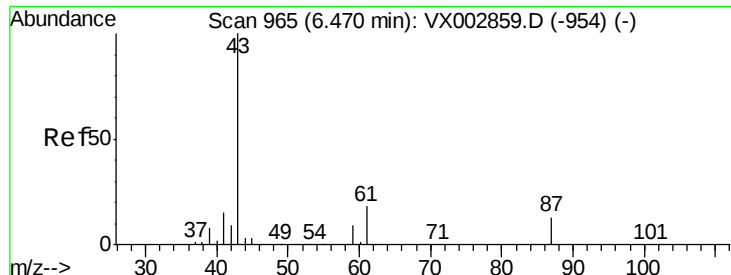
Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.6	





#43

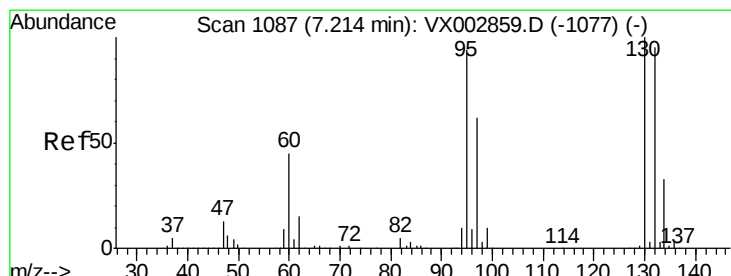
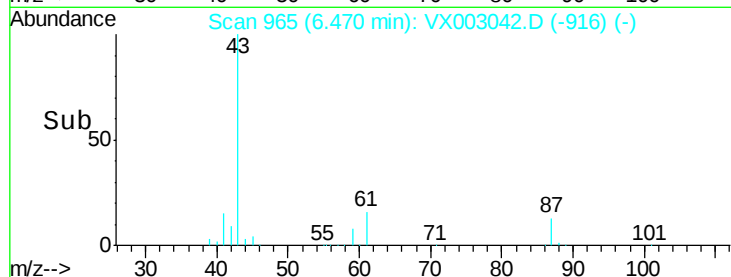
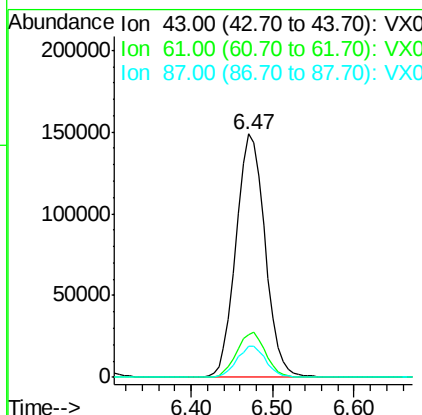
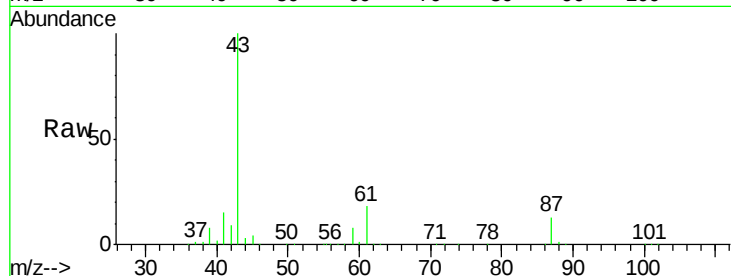
Isopropyl Acetate
 Concen: 49.19 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	366193
Ion Ratio	Lower	Upper	
43	100		
61	18.5	14.4	21.6
87	12.8	9.5	14.3

Manual Integrations
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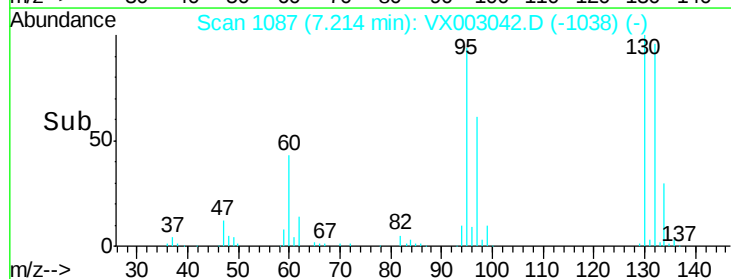
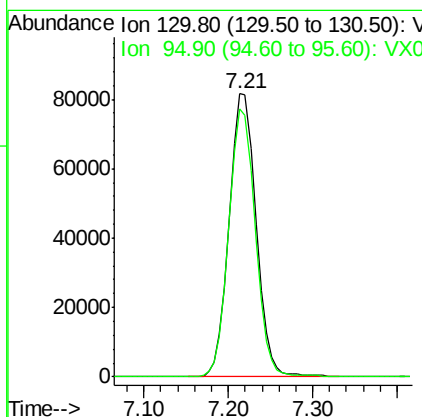
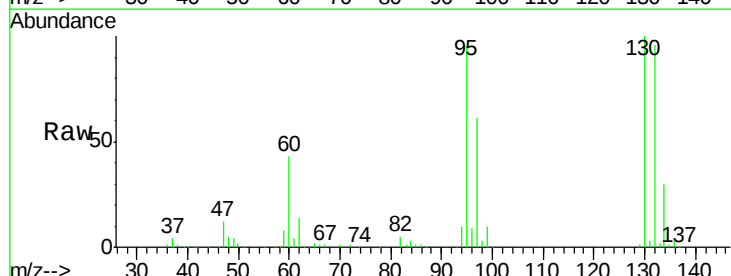
apatel
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#44

Trichloroethene
 Concen: 49.40 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion	130	Resp	176443
Ion Ratio	Lower	Upper	
130	100		
95	94.5	0.0	185.4





#45

1,2-Dichloropropane

Concen: 49.38 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 156917

Ion Ratio Lower Upper

63 100

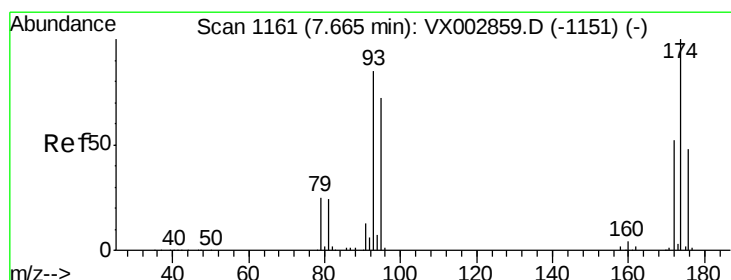
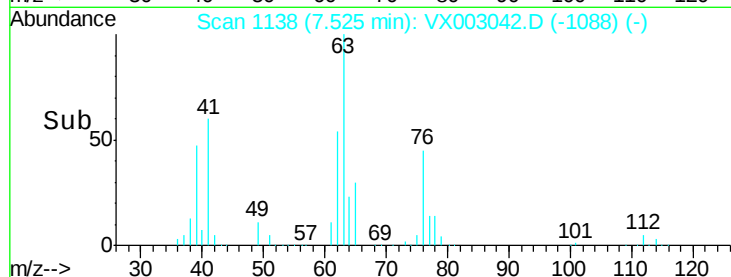
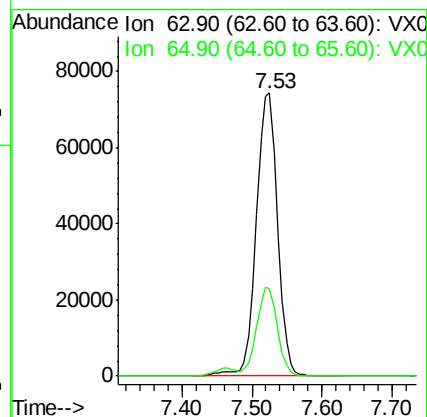
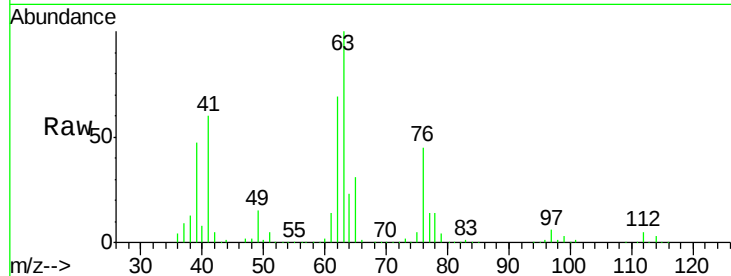
65 30.8 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 49.80 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

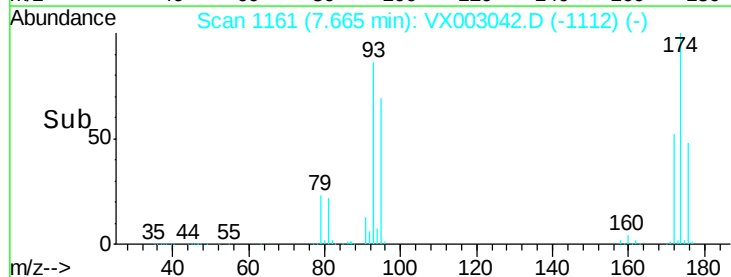
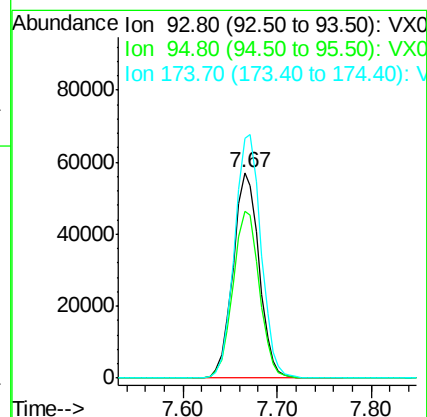
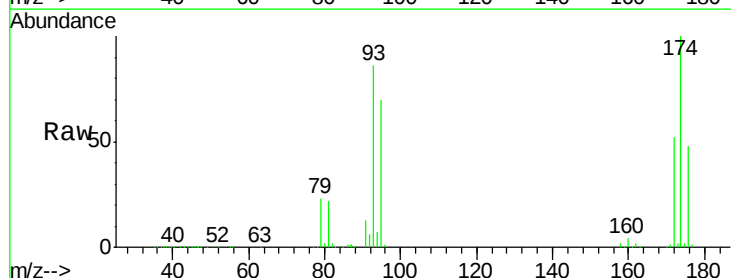
Tgt Ion: 93 Resp: 109826

Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 120.8 92.4 138.6





#47

Bromodichloromethane

Concen: 51.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

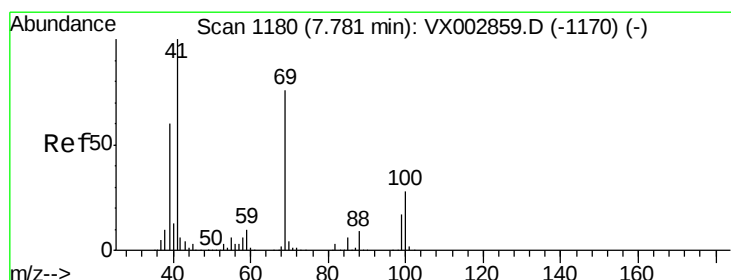
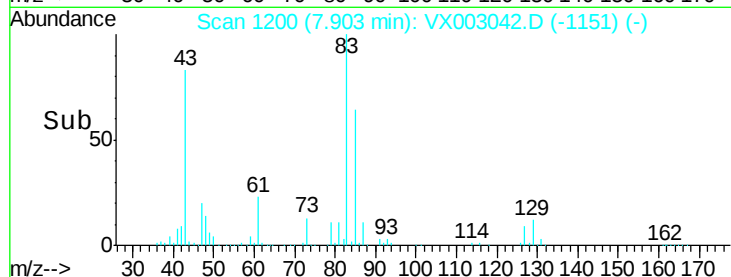
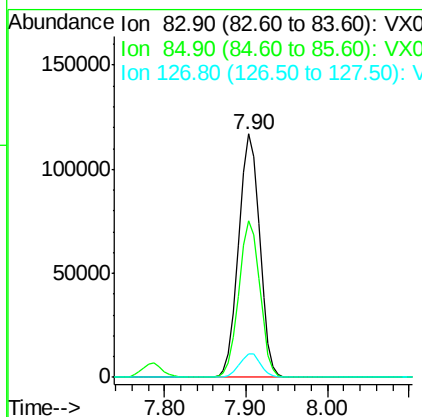
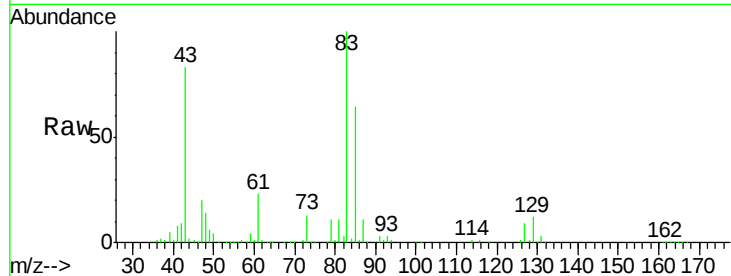
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	208248
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.3	75.5
127	9.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.81 ug/l

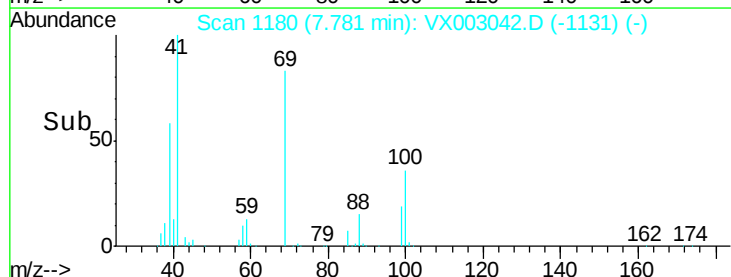
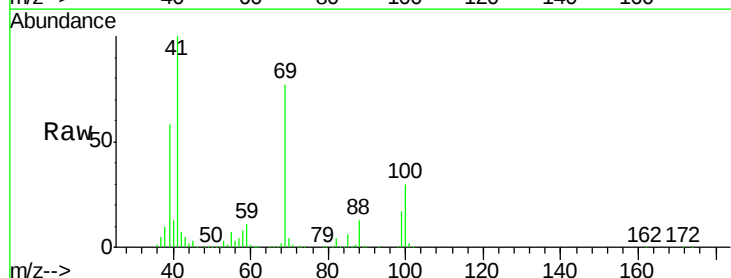
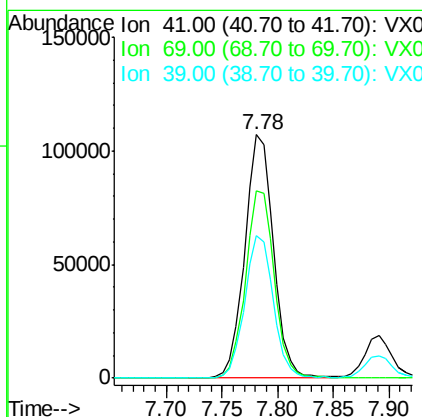
RT: 7.78 min Scan# 1180

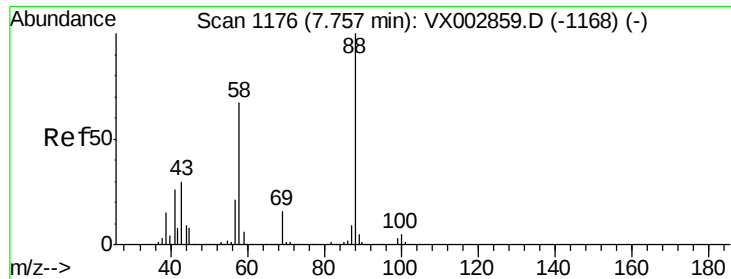
Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	41	Resp:	191071
Ion Ratio	Lower	Upper	
41	100		
69	77.9	59.1	88.7
39	58.5	48.9	73.3





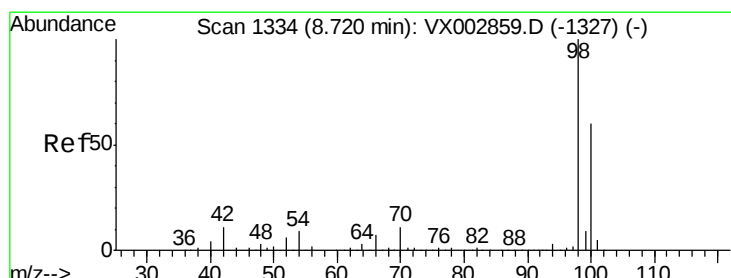
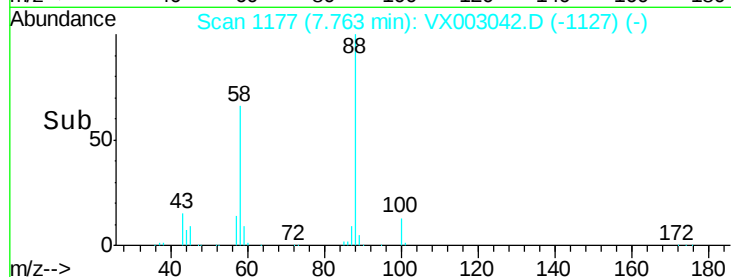
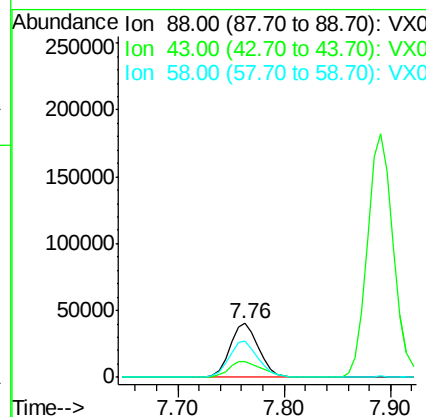
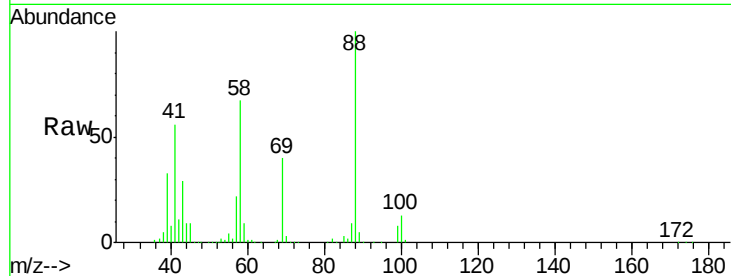
#49
1,4-Dioxane
Concen: 1026.10 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	29.8	44.6
58	67.2	57.1	85.7

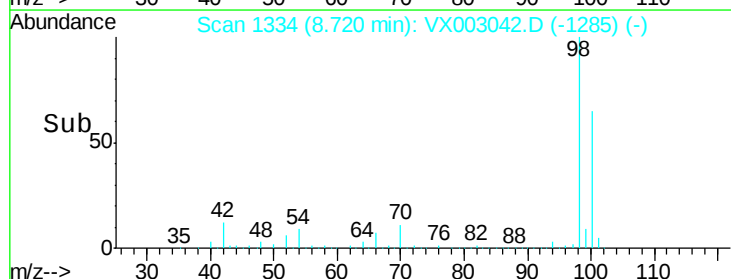
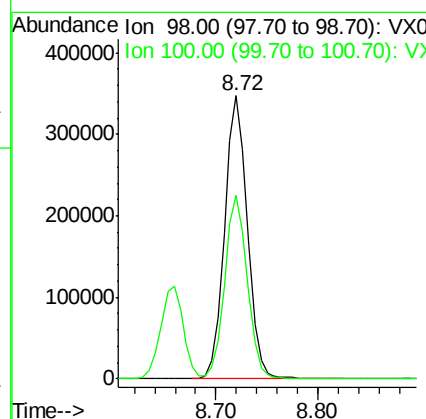
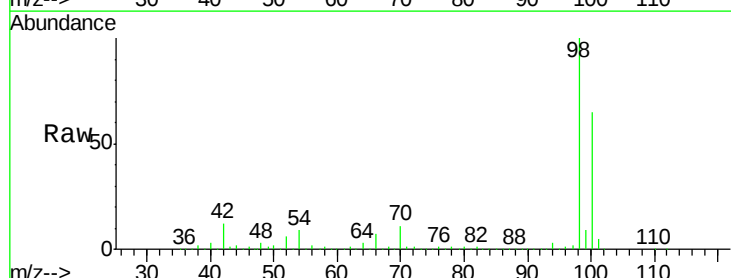
Manual Integrations
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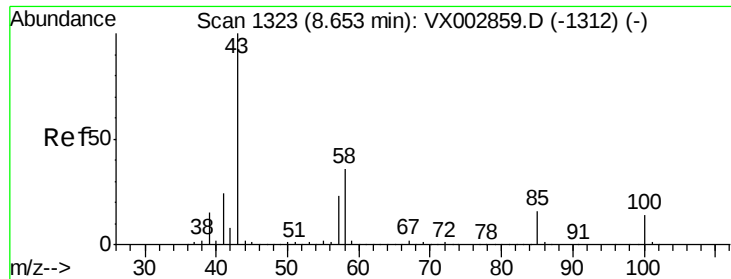
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#50
Toluene-d8
Concen: 49.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 259.30 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1207848

Ion Ratio Lower Upper

43 100

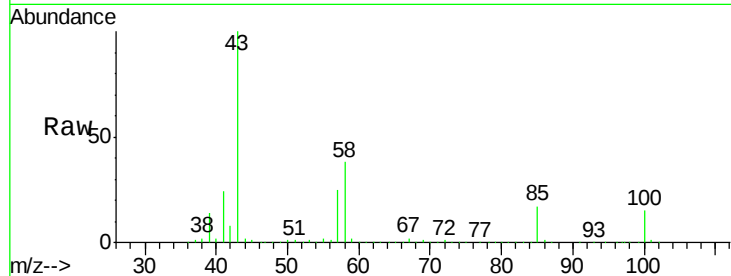
58 37.0 28.6 42.8

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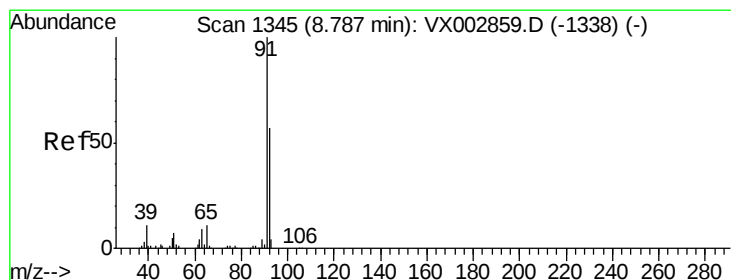
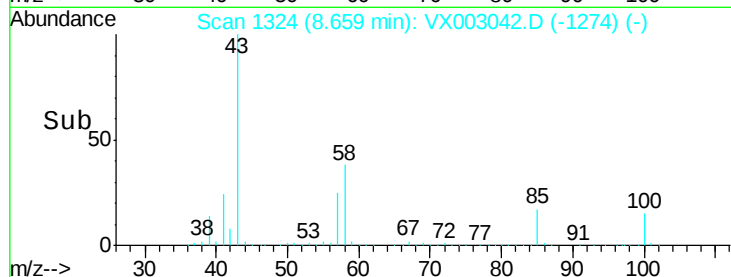
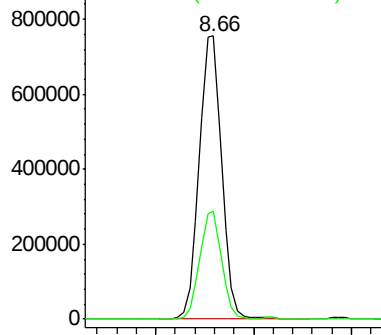
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.45 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003042.D

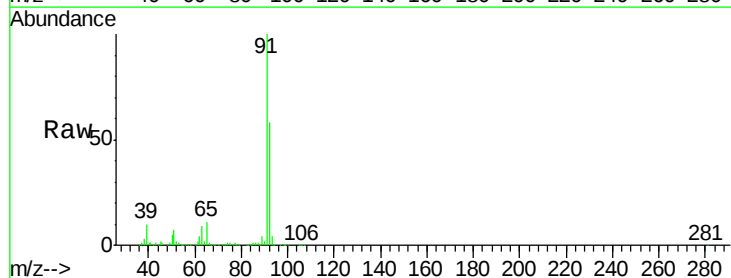
Acq: 29 Jun 2018 21:11

Tgt Ion: 92 Resp: 387128

Ion Ratio Lower Upper

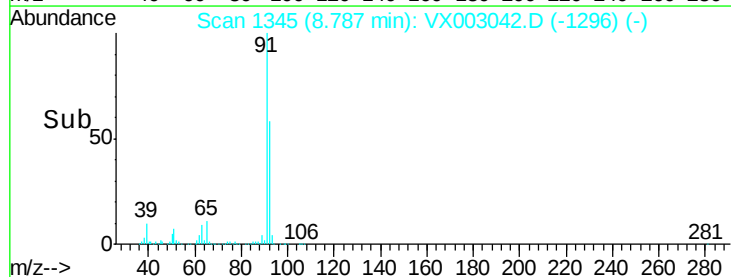
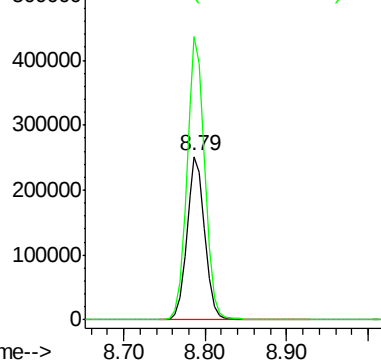
92 100

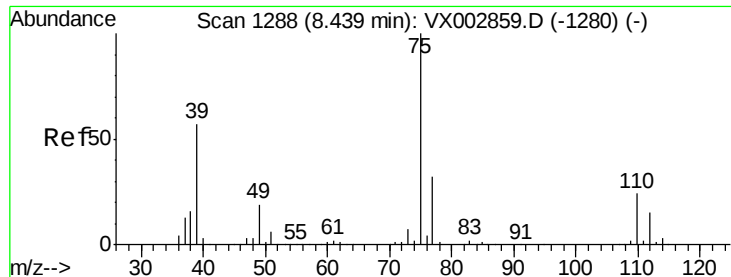
91 173.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.73 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tot Ion: 75 Resp: 234240

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

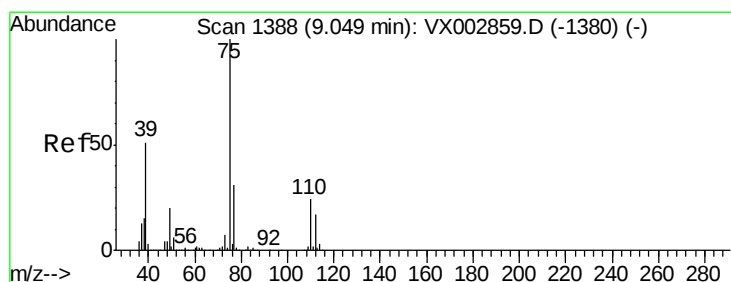
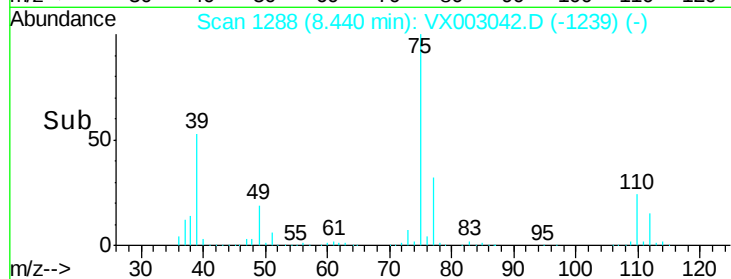
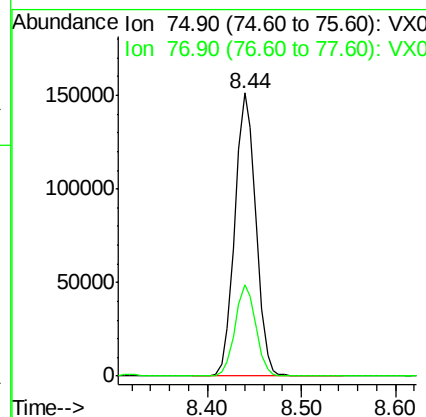
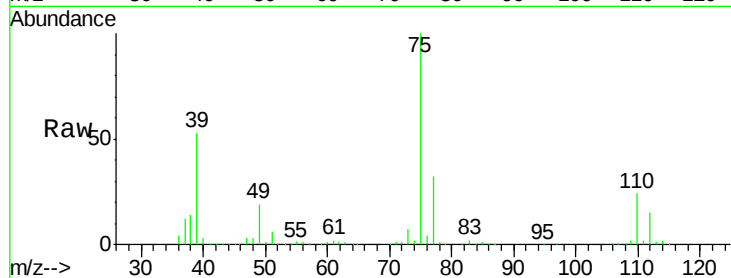
VSTDCCC050EC

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7/2/2018 4:15:30 PM



#54

cis-1,3-Dichloropropene

Concen: 47.73 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

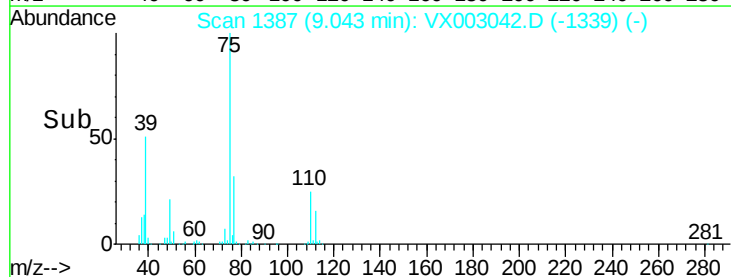
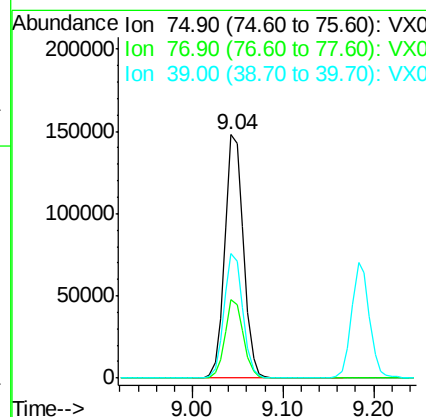
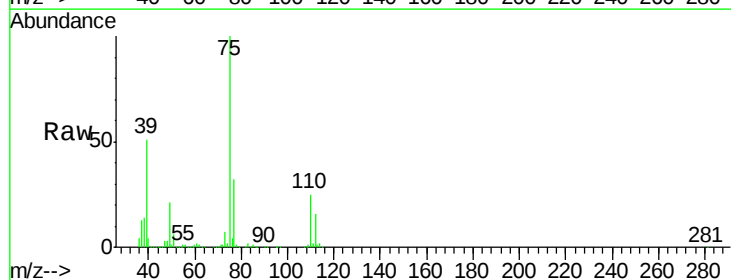
Tgt Ion: 75 Resp: 212023

Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 51.3 42.4 63.6





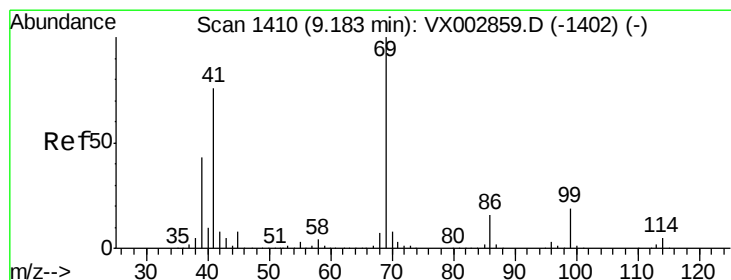
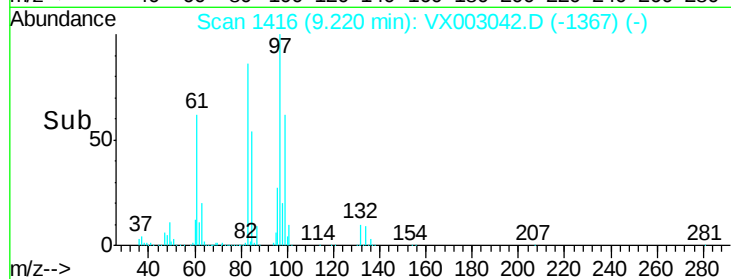
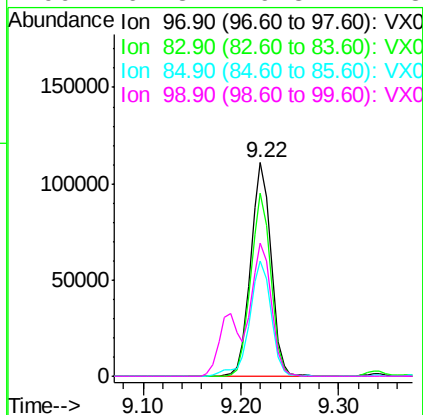
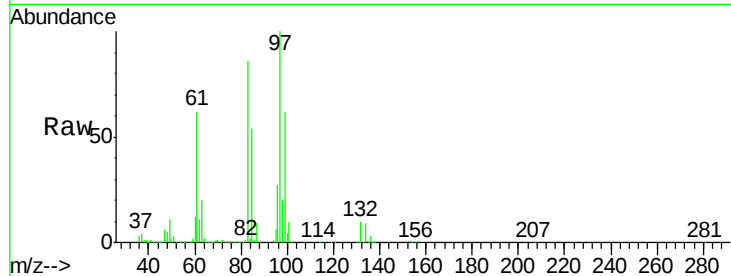
#55
 1,1,2-Trichloroethane
 Concen: 50.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	160610
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	54.0	44.9	67.3
99	62.3	49.8	74.8

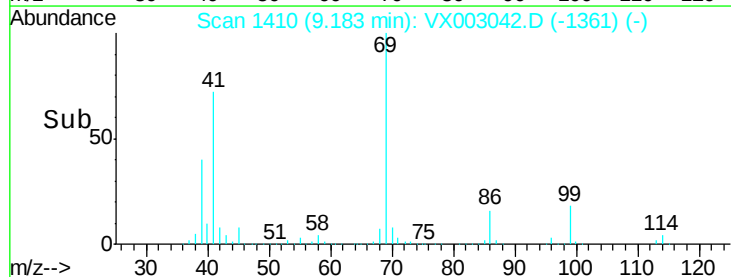
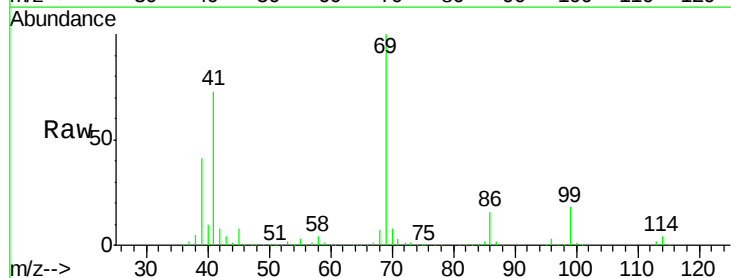
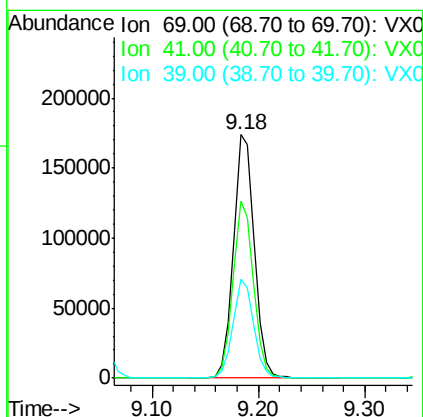
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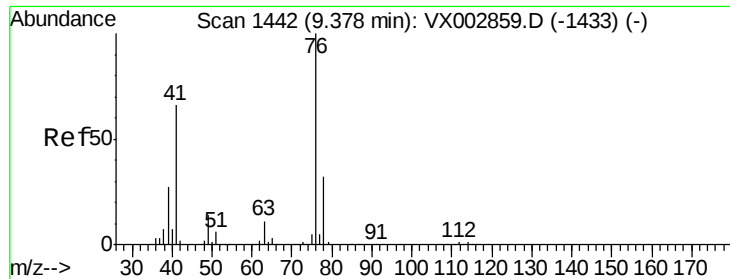
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#56
 Ethyl methacrylate
 Concen: 52.11 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion	69	Resp	240148
Ion	Ratio	Lower	Upper
69	100		
41	71.7	60.3	90.5
39	40.0	35.8	53.8





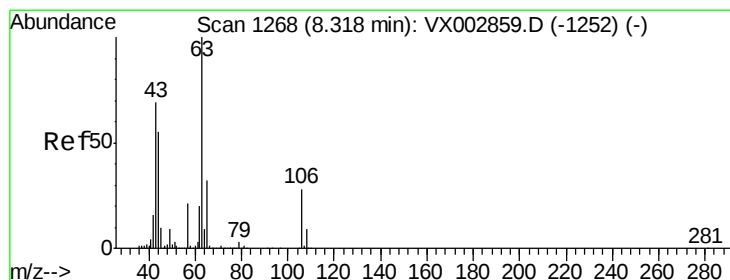
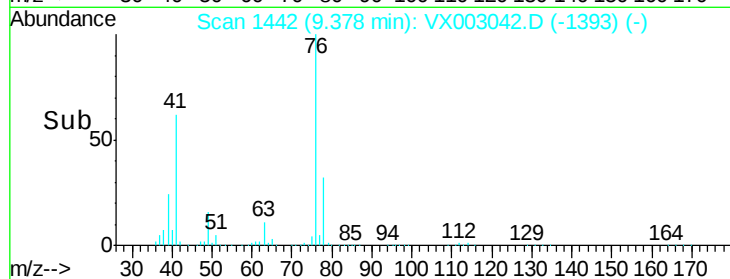
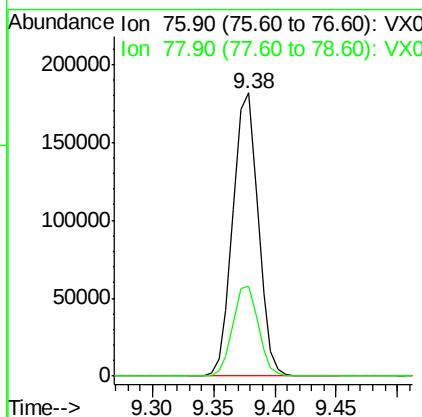
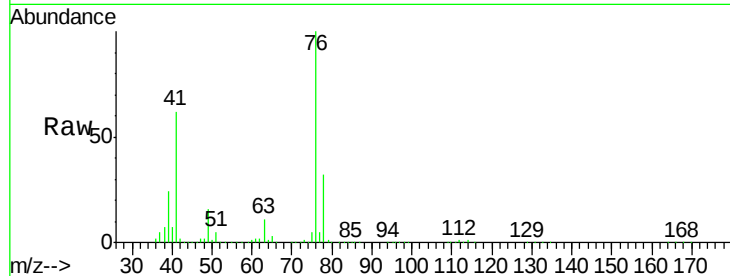
#57
 1,3-Dichloropropane
 Concen: 50.23 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

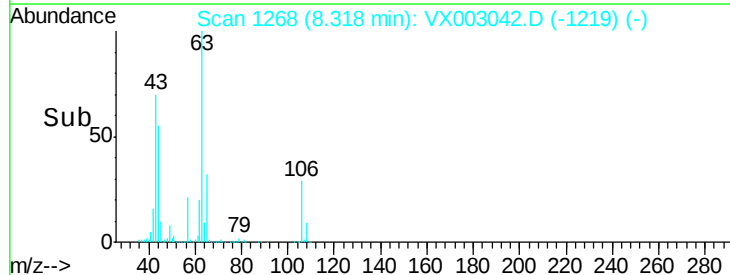
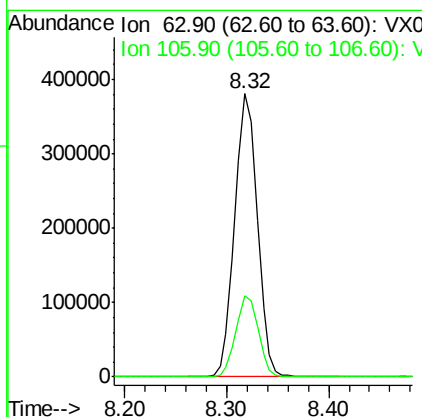
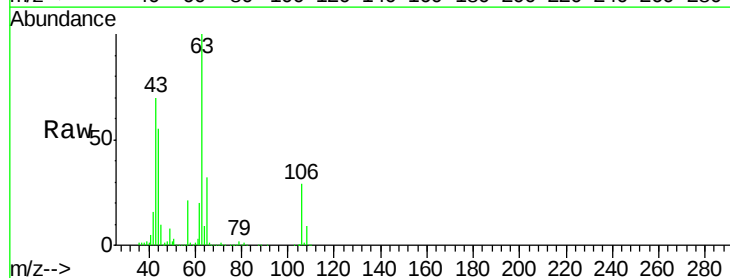
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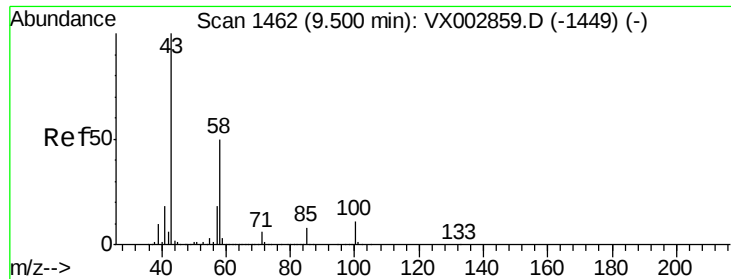
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#58
 2-Chloroethyl Vinyl ether
 Concen: 262.33 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.6	21.8	32.8





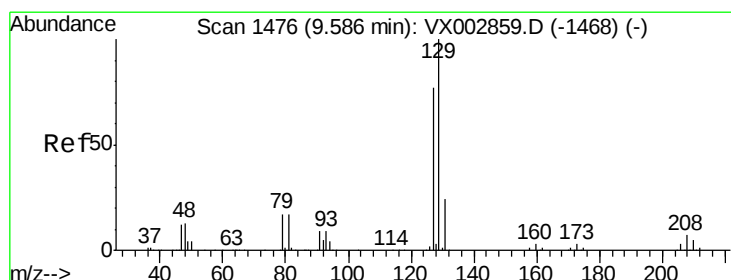
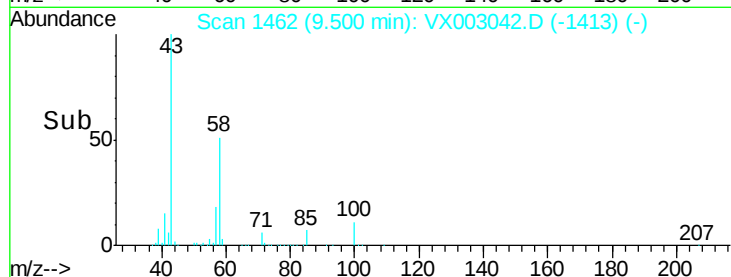
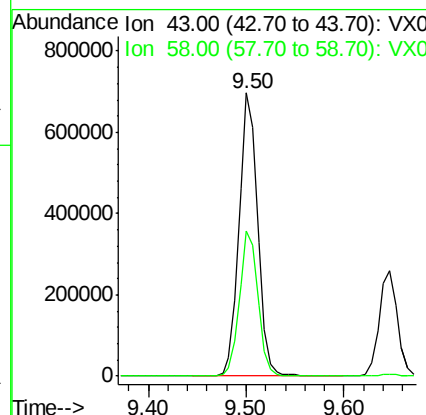
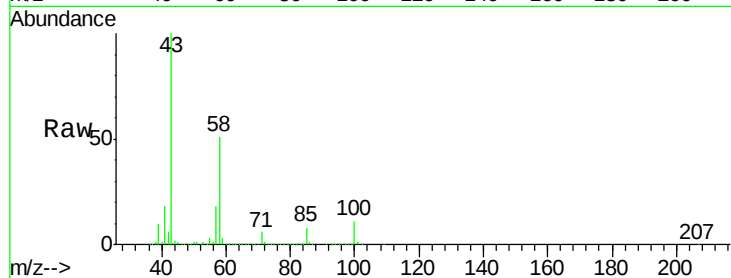
#59
2-Hexanone
Concen: 260.07 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	920681
Ion Ratio	43	100	
Lower	58	51.0	24.6
Upper			73.6

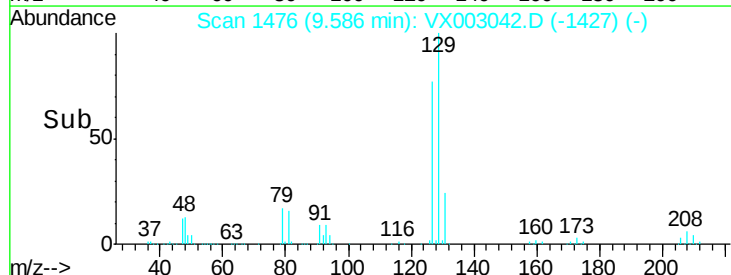
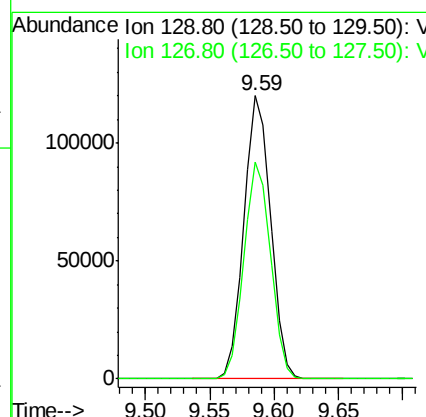
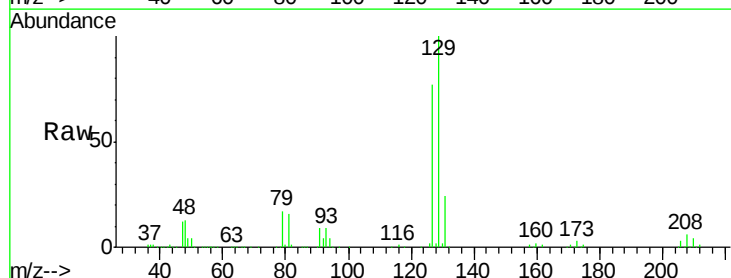
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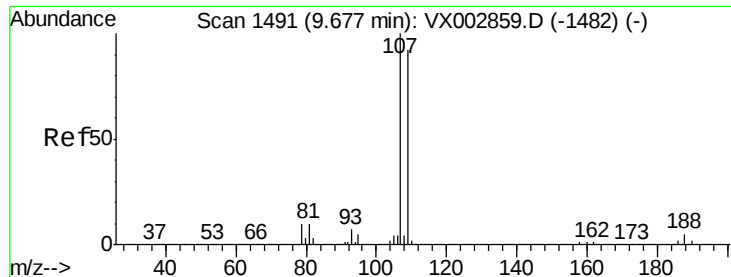
apatel
7/2/2018 4:15:30 PM



#60
Dibromochloromethane
Concen: 51.89 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	129	Resp	172247
Ion Ratio	129	100	
Lower	127	76.7	38.5
Upper			115.3





#61

1,2-Dibromoethane

Concen: 51.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 169236

Ion Ratio Lower Upper

107 100

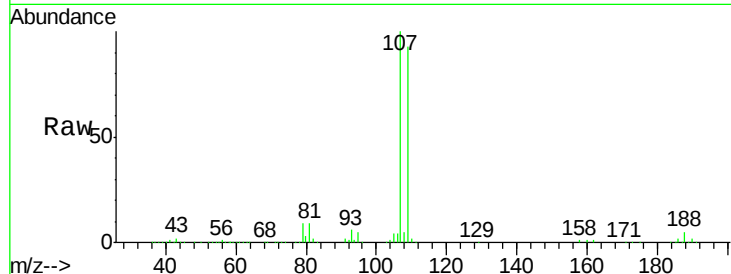
109 93.6 75.3 112.9

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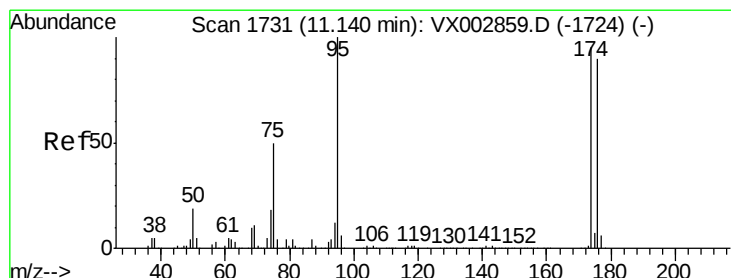
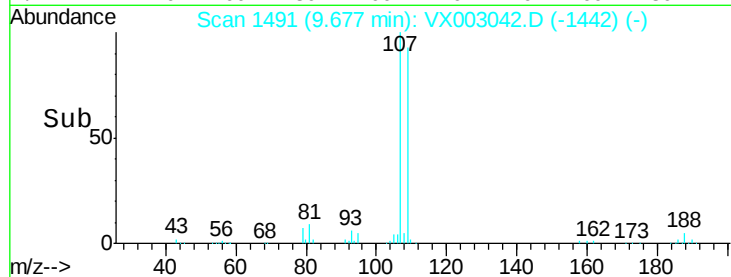
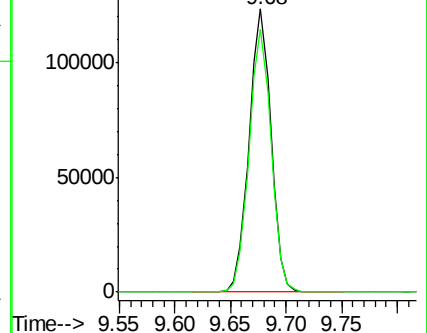
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

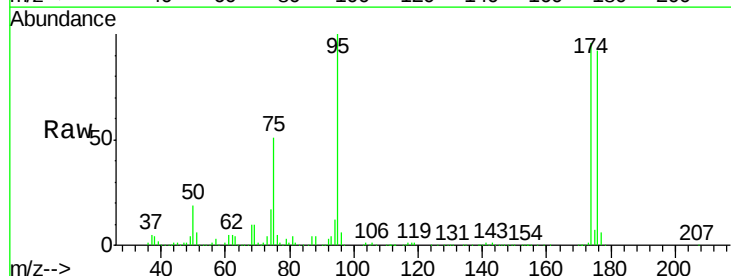
Tgt Ion: 95 Resp: 207950

Ion Ratio Lower Upper

95 100

174 97.4 0.0 187.4

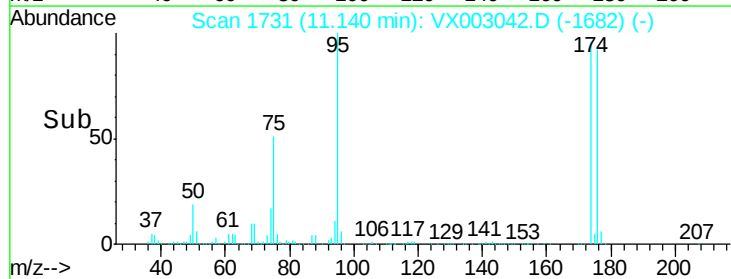
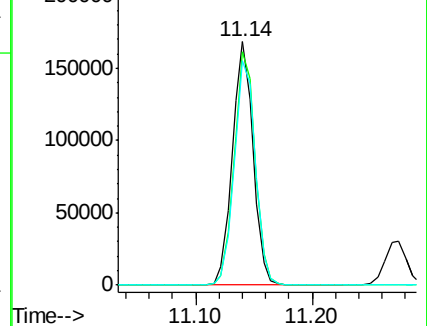
176 94.5 0.0 181.0

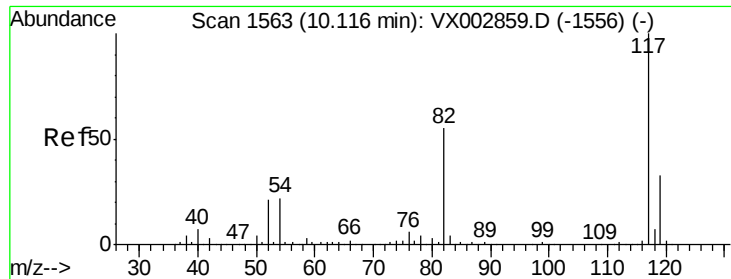


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





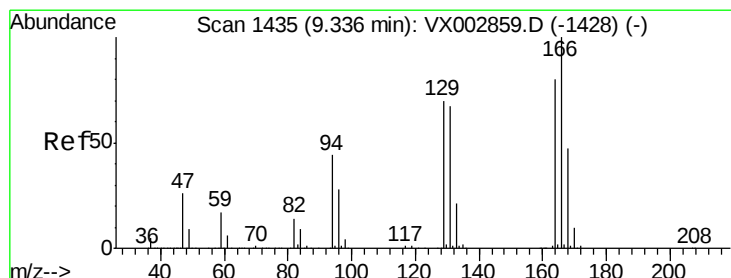
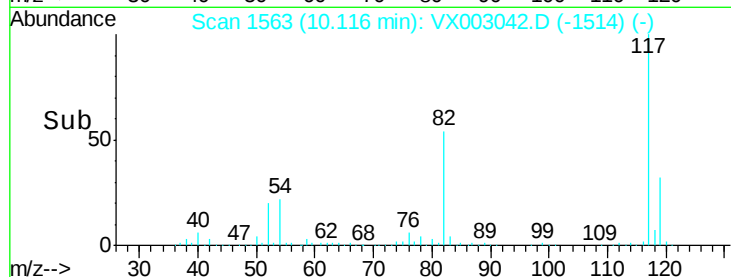
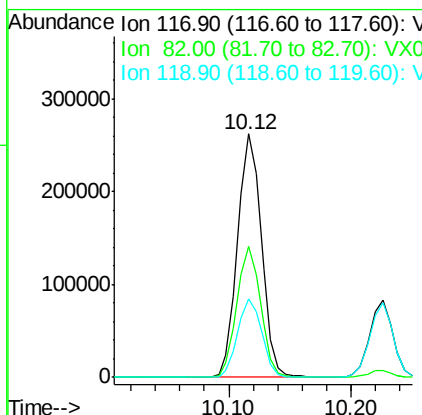
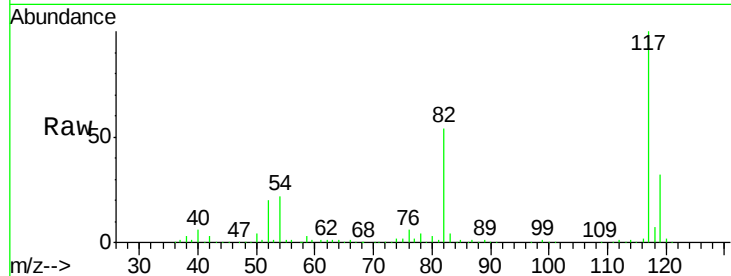
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.0	67.4
119	32.2	25.8	38.6

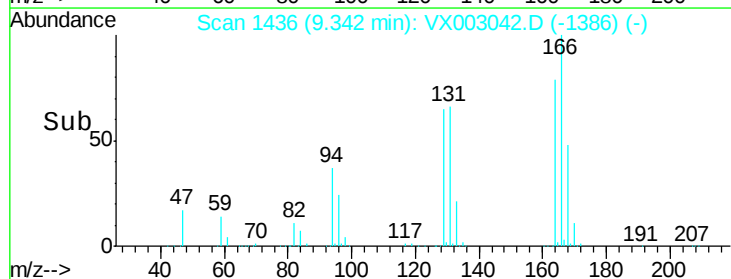
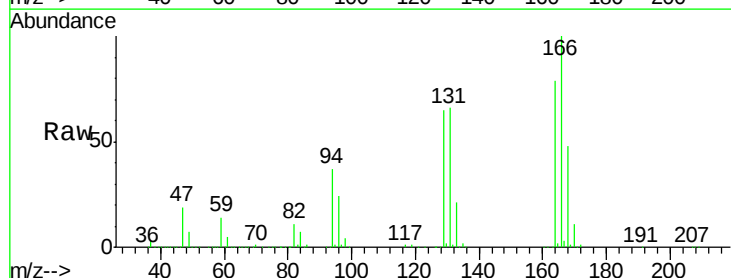
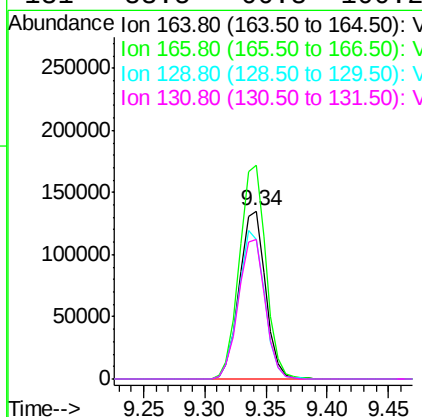
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#64
Tetrachloroethene
Concen: 50.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.9	154.3
129	83.3	68.6	102.8
131	83.5	66.8	100.2





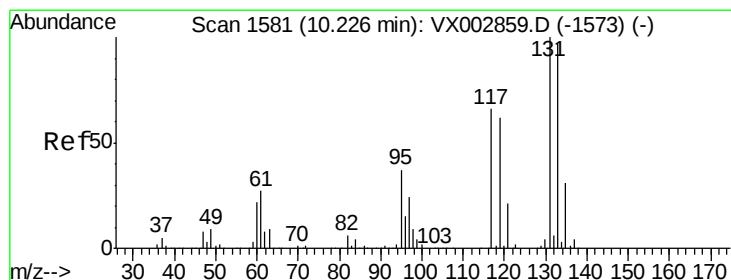
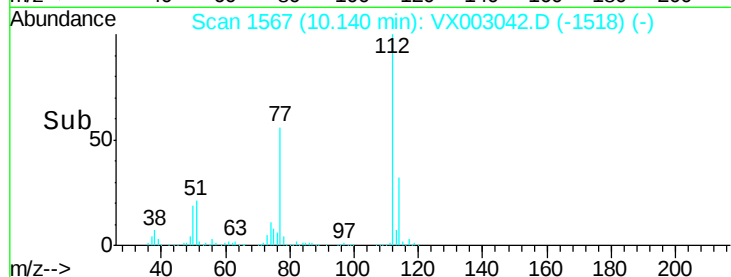
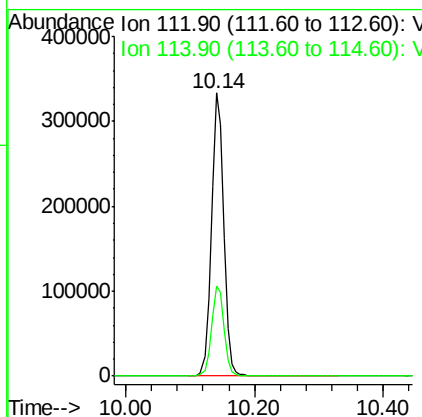
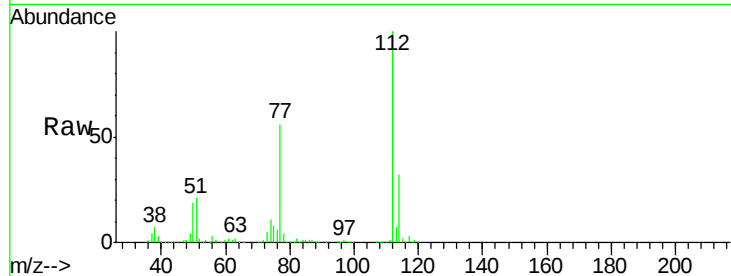
#65
Chlorobenzene
Concen: 49.45 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.3	37.9

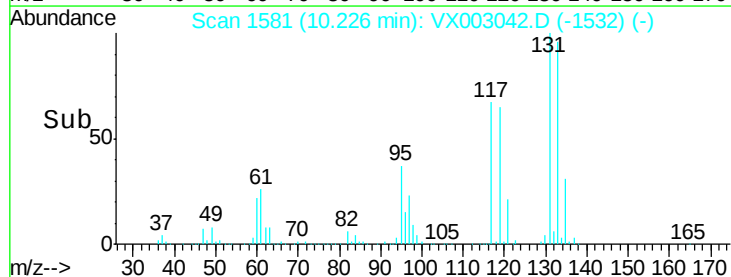
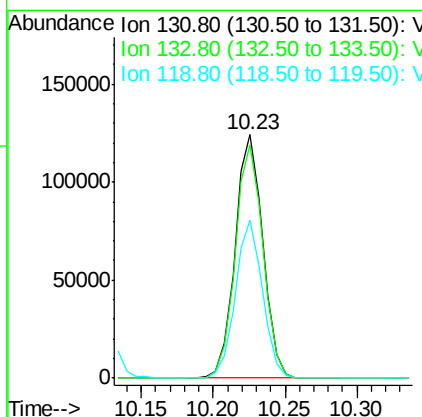
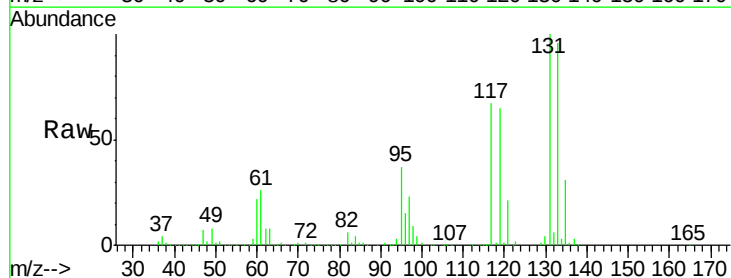
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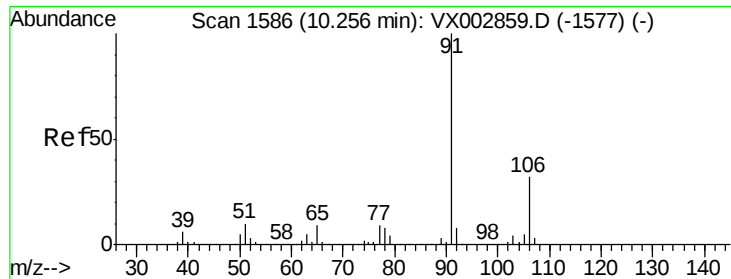
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.65 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.9	143.6
119	63.6	31.8	95.3





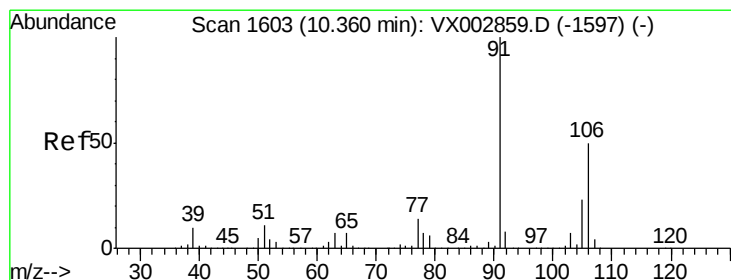
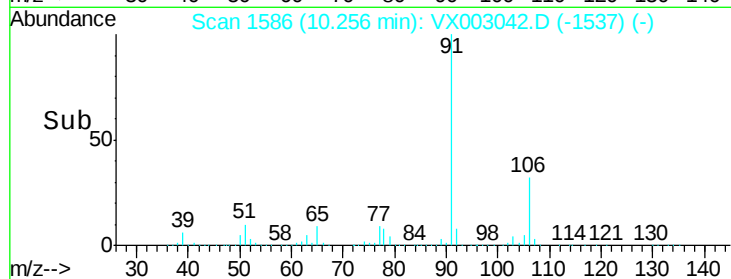
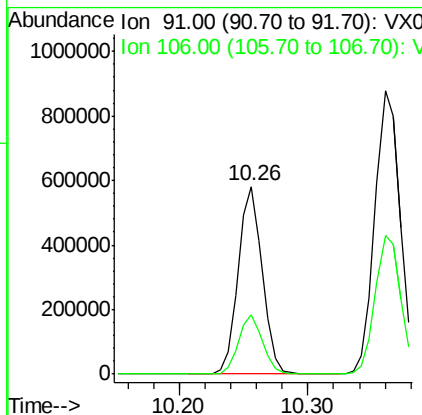
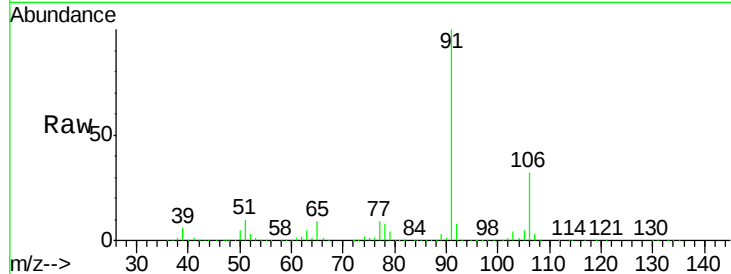
#67
Ethyl Benzene
Concen: 50.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 753965
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

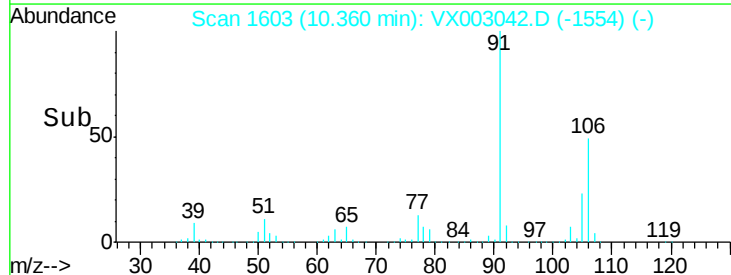
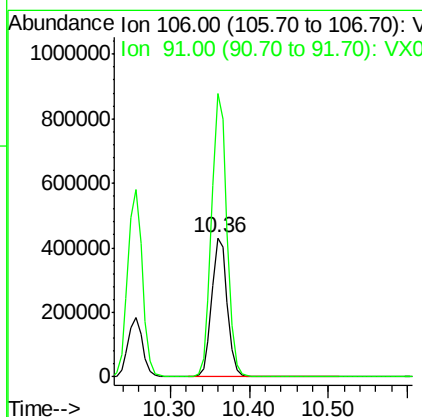
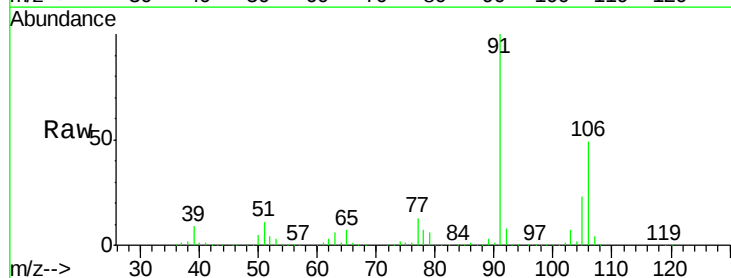
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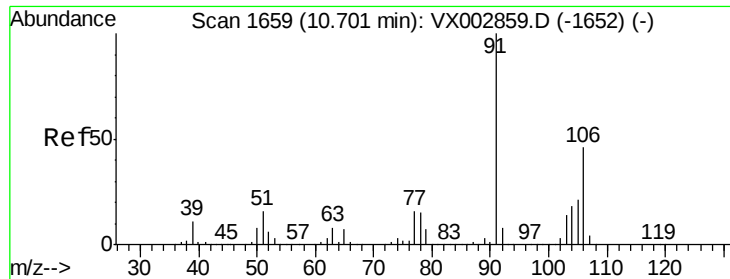
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#68
m/p-Xylenes
Concen: 102.17 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion: 106 Resp: 587504
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2





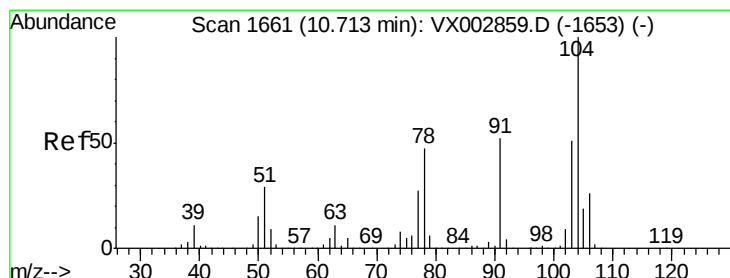
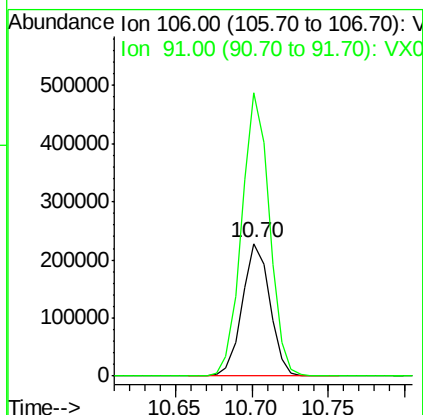
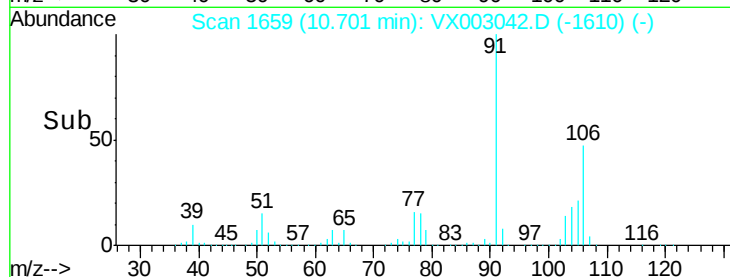
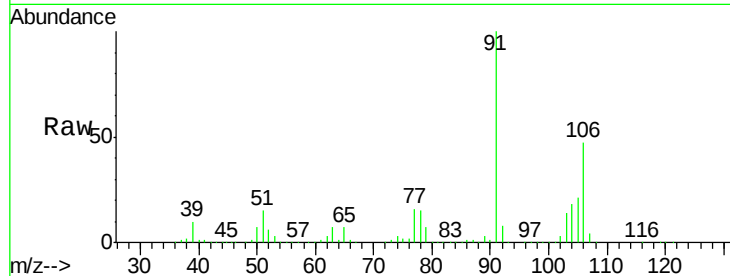
#69
o-Xylene
Concen: 51.25 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 286961
Ion Ratio Lower Upper
106 100
91 213.0 108.2 324.6

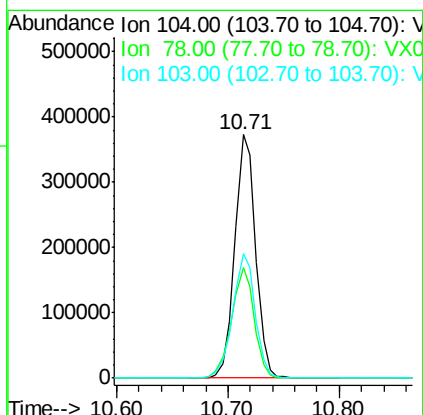
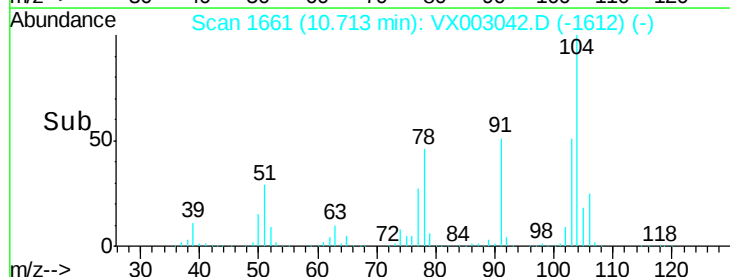
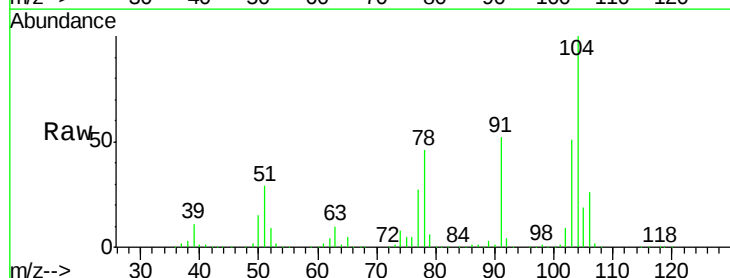
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#70
Styrene
Concen: 53.05 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion:104 Resp: 482676
Ion Ratio Lower Upper
104 100
78 49.7 41.0 61.6
103 55.0 44.2 66.4





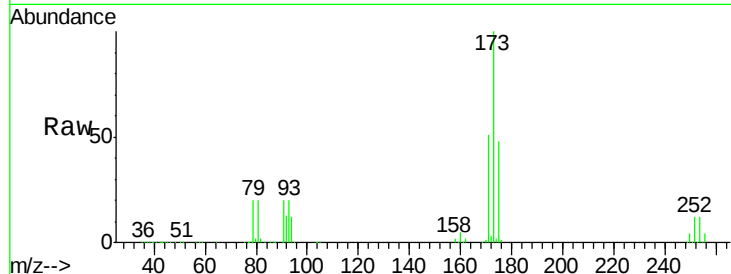
#71
Bromoform
Concen: 46.05 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

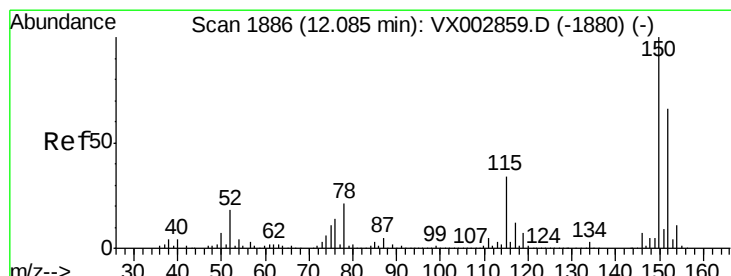
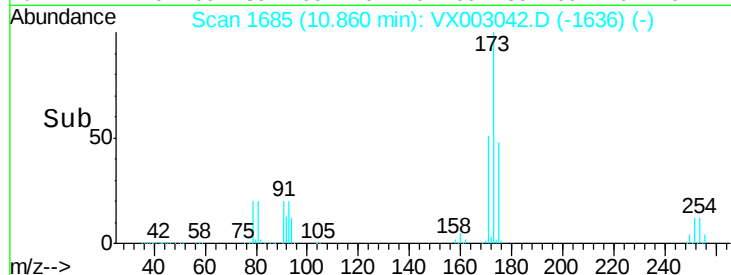
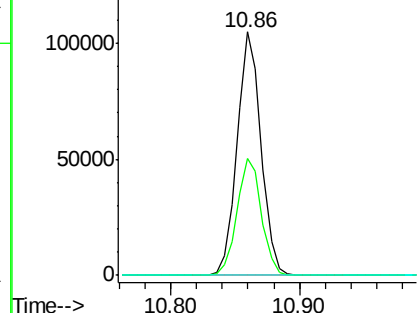
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.7	74.1
254	0.2	0.2	0.2

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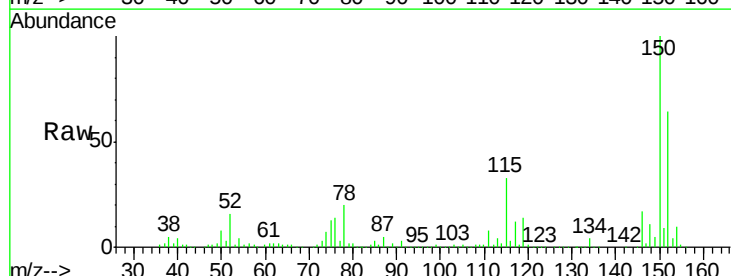


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

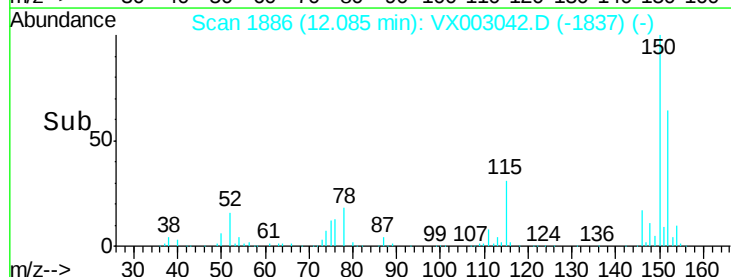
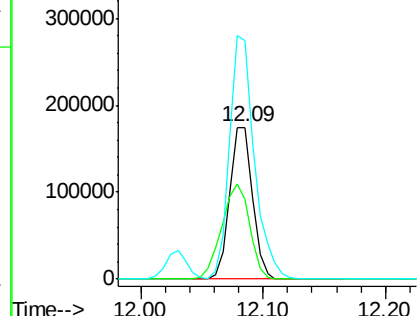


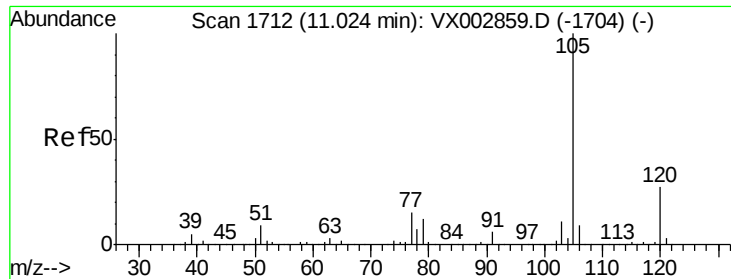
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.0	40.1	120.2
150	175.3	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.04 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 769706

Ion Ratio Lower Upper

105 100

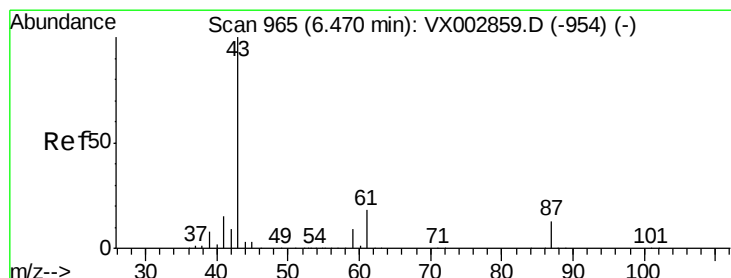
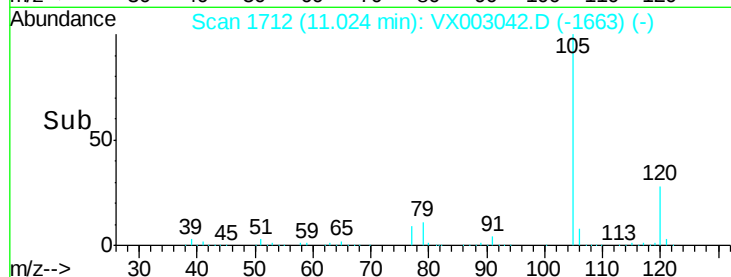
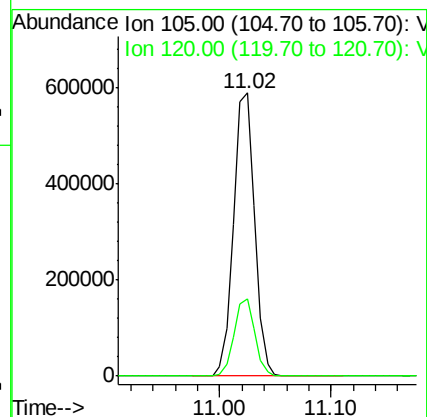
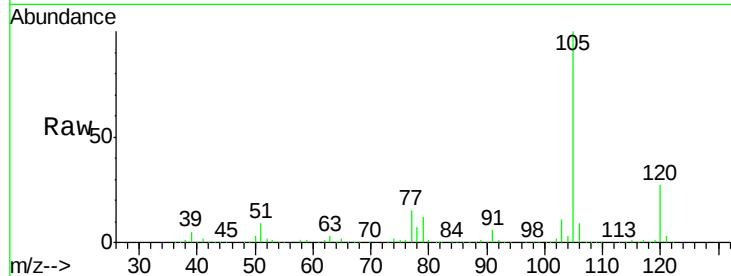
120 27.0 13.5 40.4

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#74

N-ethyl acetate

Concen: 49.63 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion: 43 Resp: 366193

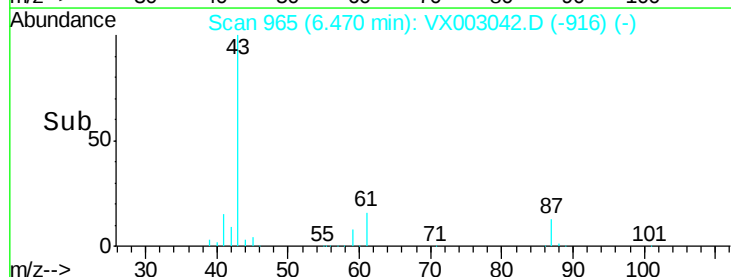
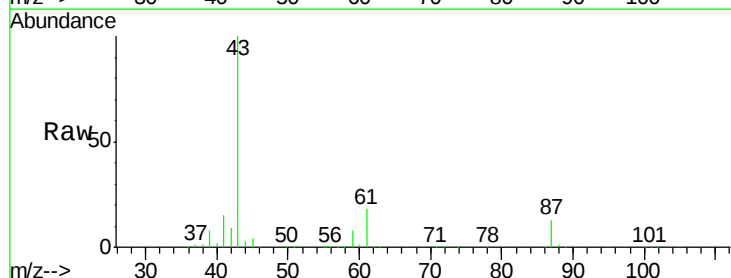
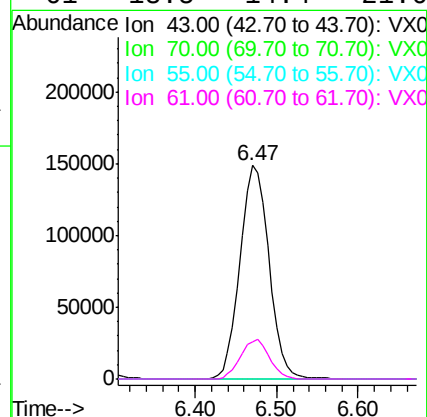
Ion Ratio Lower Upper

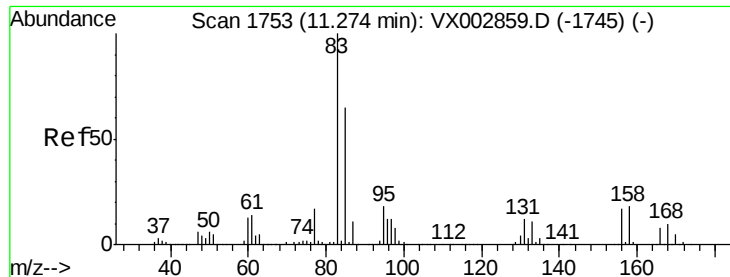
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

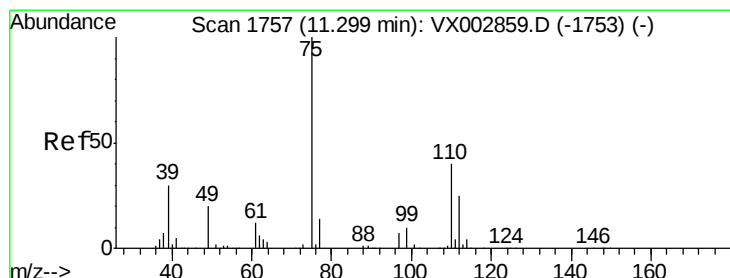
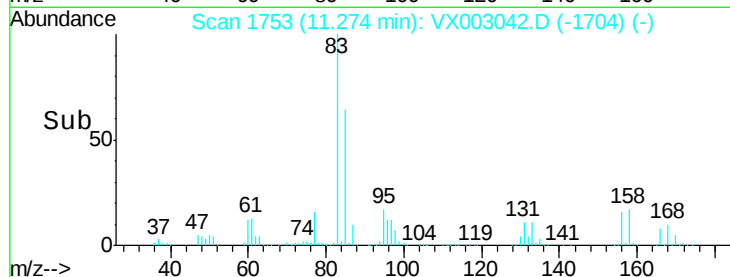
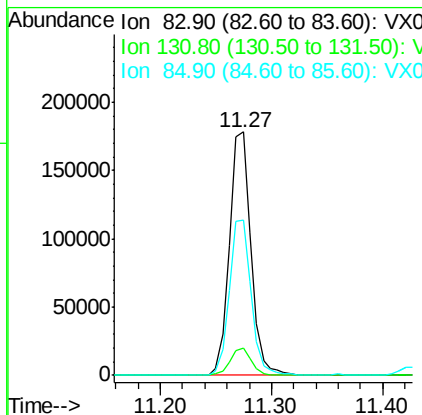
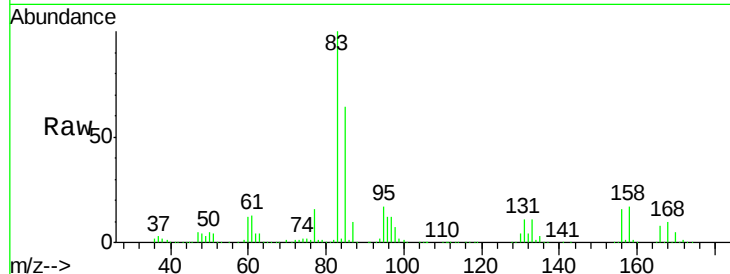
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	238313
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.6	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 57.93 ug/l m

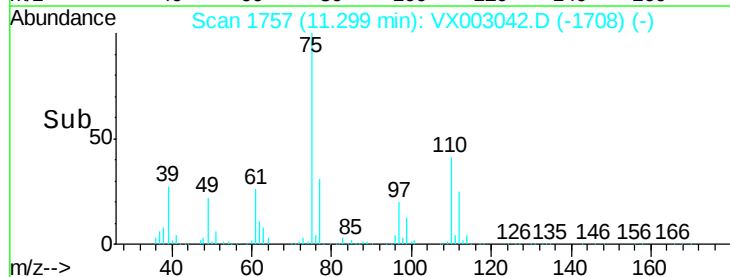
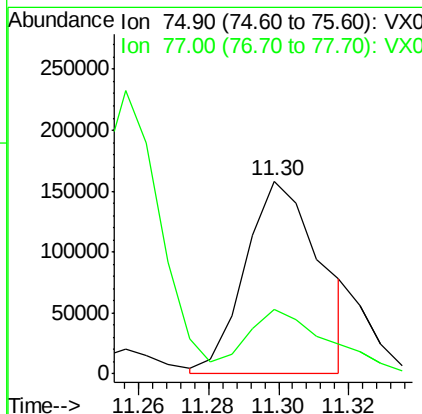
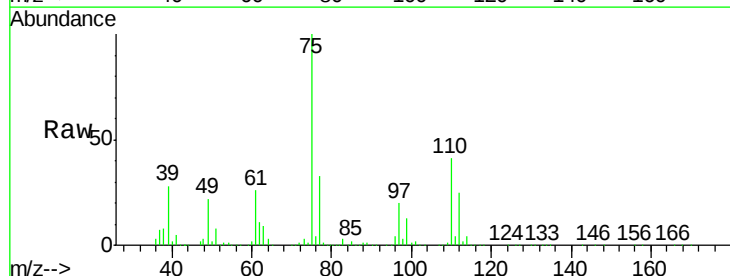
RT: 11.30 min Scan# 1757

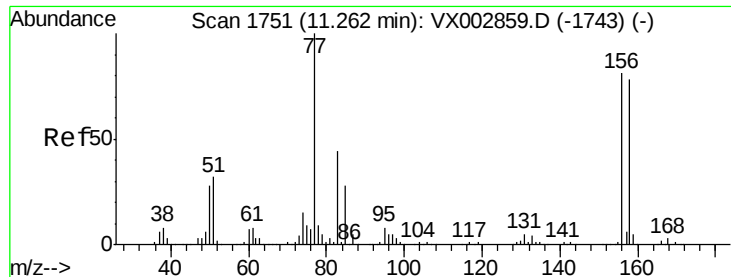
Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	75	Resp:	235218
Ion Ratio	Lower	Upper	
75	100		
77	36.8	22.8	68.3





#77

Bromobenzene

Concen: 50.44 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

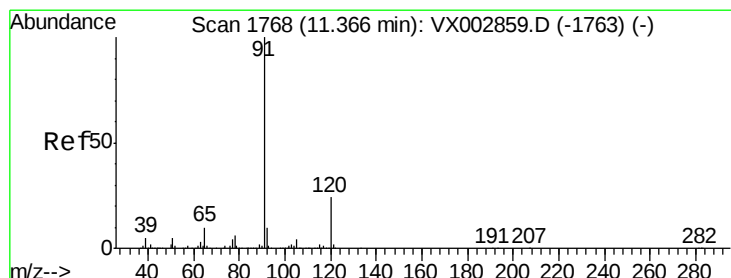
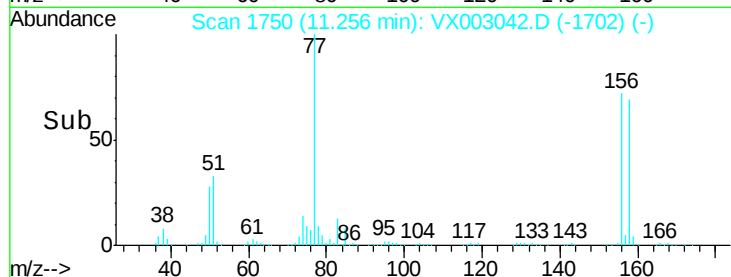
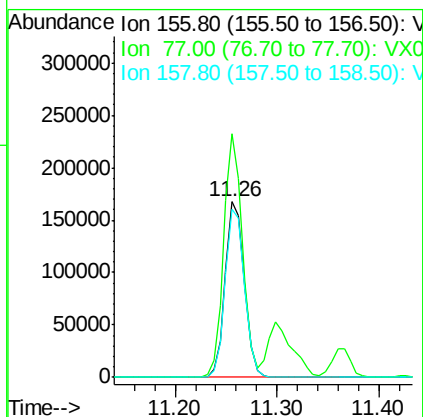
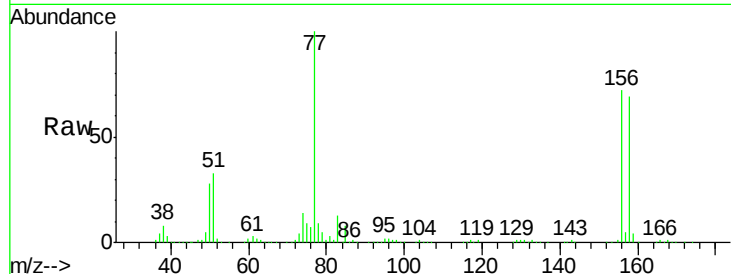
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	216621
Ion Ratio	Lower	Upper	
156	100		
77	136.5	71.4	214.2
158	97.2	48.9	146.6

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#78

n-propylbenzene

Concen: 50.18 ug/l

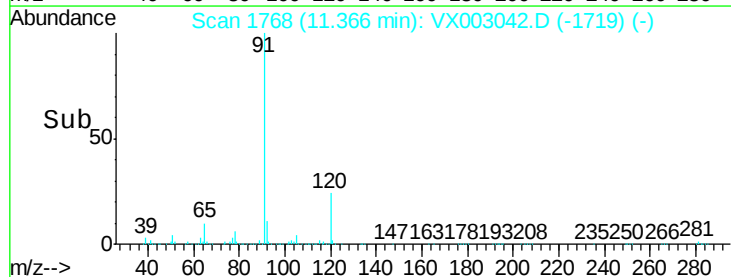
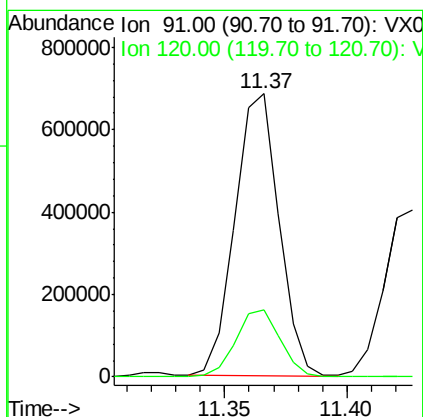
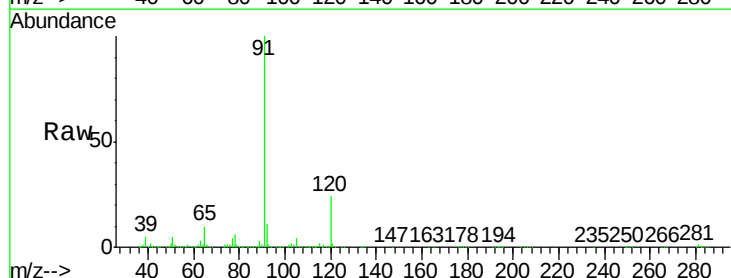
RT: 11.37 min Scan# 1768

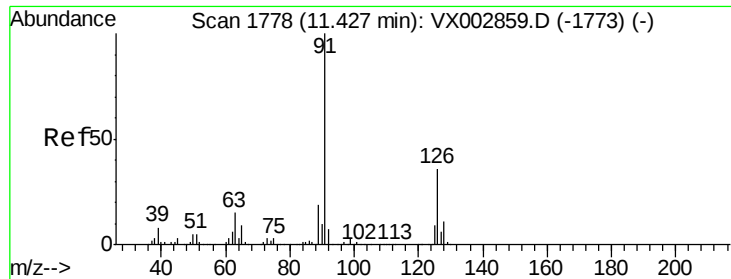
Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	91	Resp:	861384
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.8	35.4





#79

2-Chlorotoluene

Concen: 49.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 516732

Ion Ratio Lower Upper

91 100

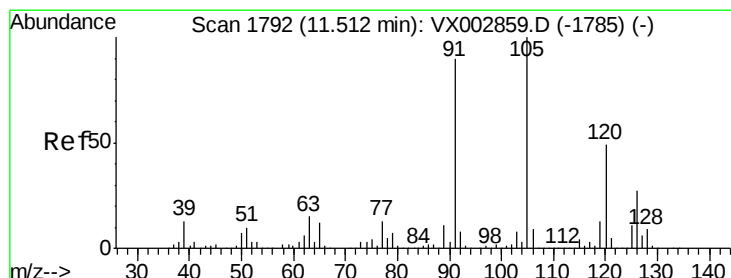
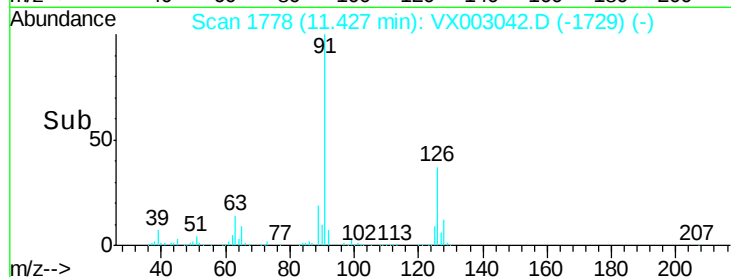
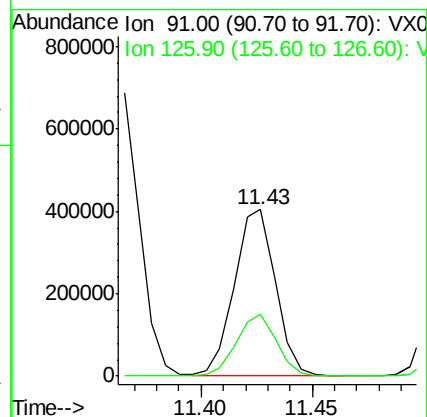
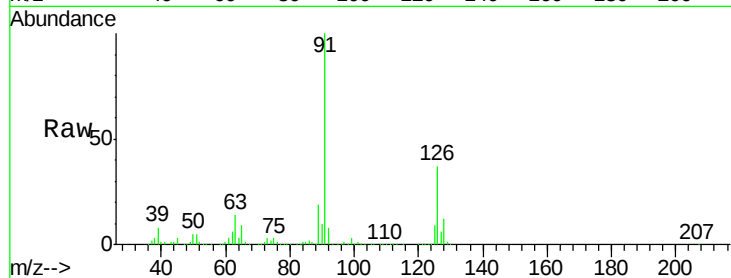
126 36.4 17.7 53.1

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#80

1,3,5-Trimethylbenzene

Concen: 50.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003042.D

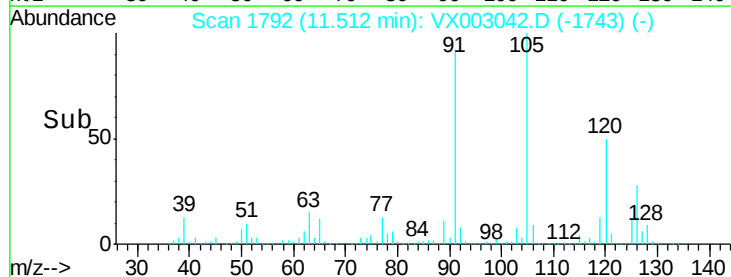
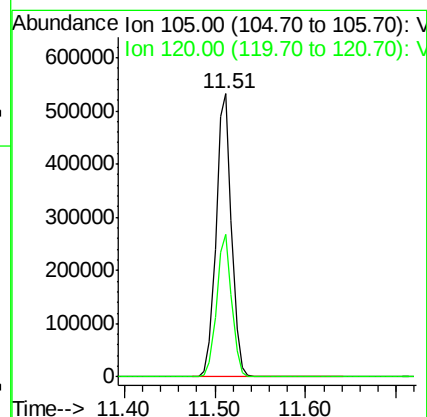
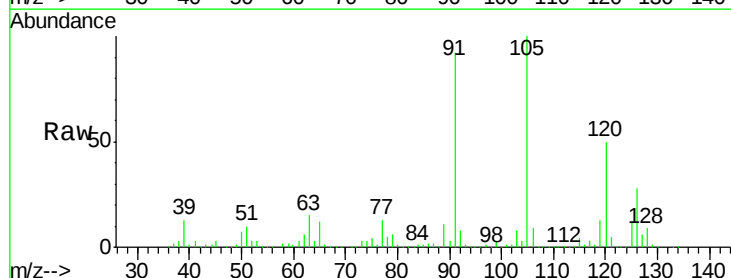
Acq: 29 Jun 2018 21:11

Tgt Ion: 105 Resp: 639117

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.82 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 59195

Ion Ratio Lower Upper

75 100

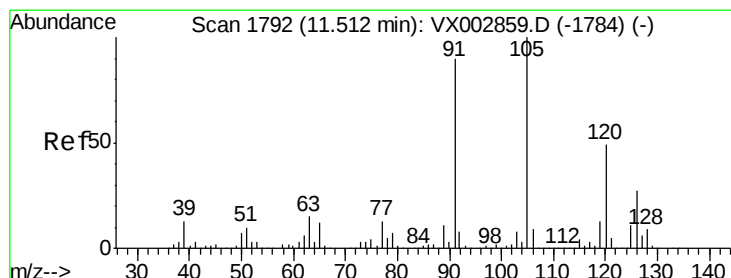
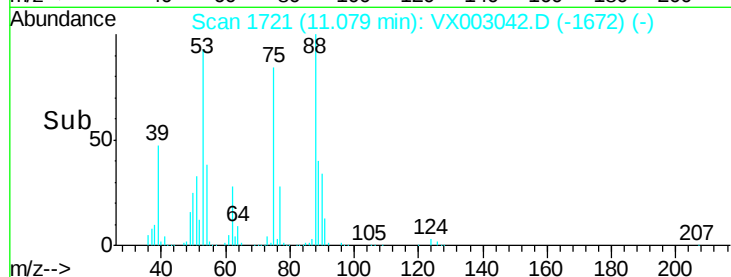
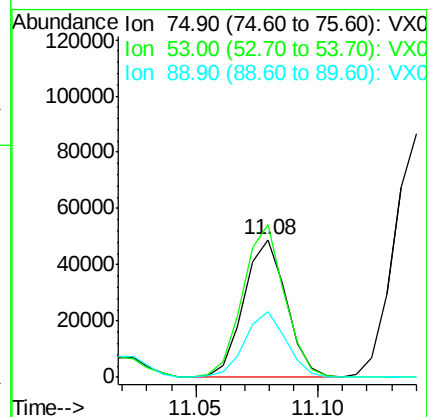
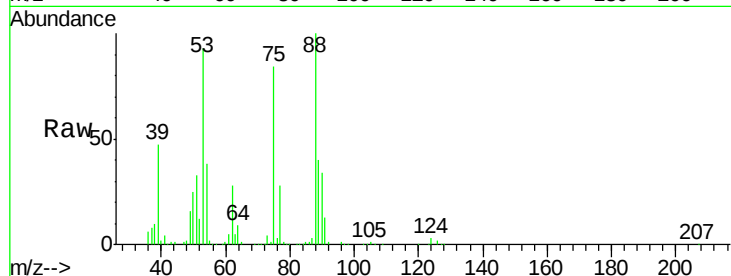
53 108.8 86.8 130.2

89 46.6 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003042.D

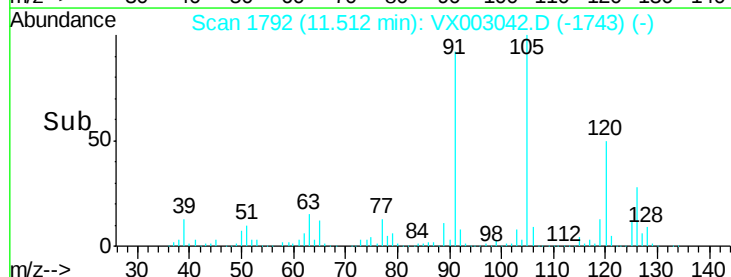
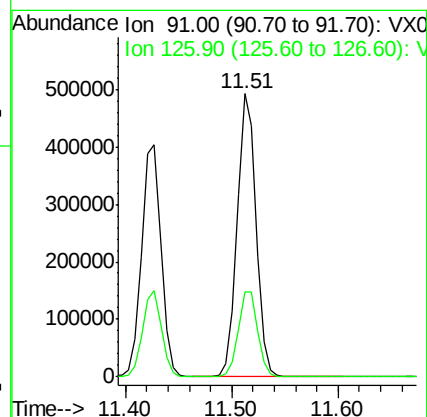
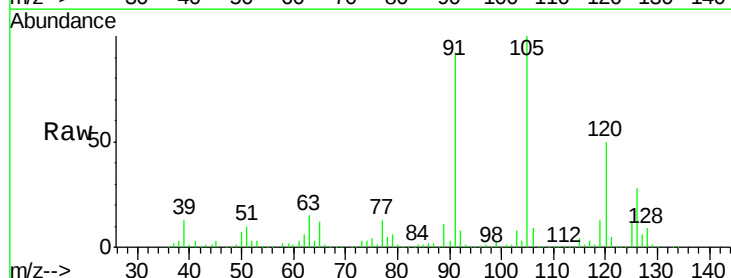
Acq: 29 Jun 2018 21:11

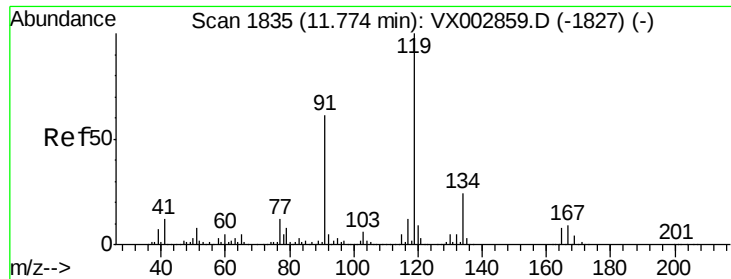
Tgt Ion: 91 Resp: 613827

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.4





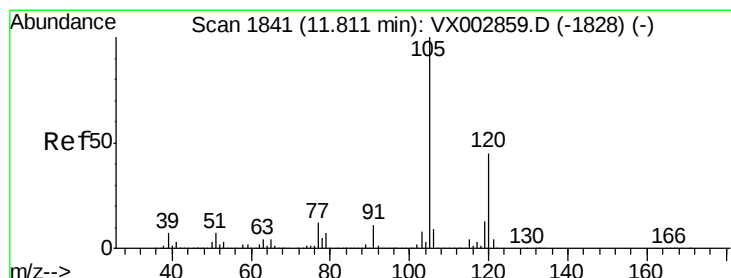
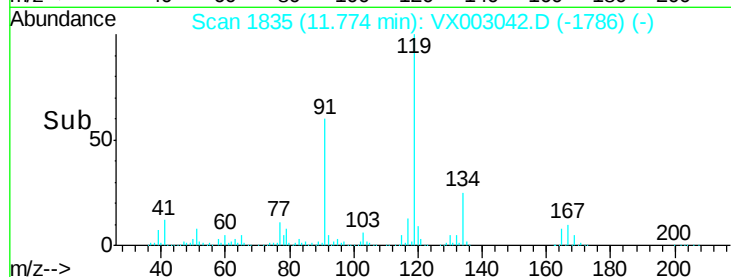
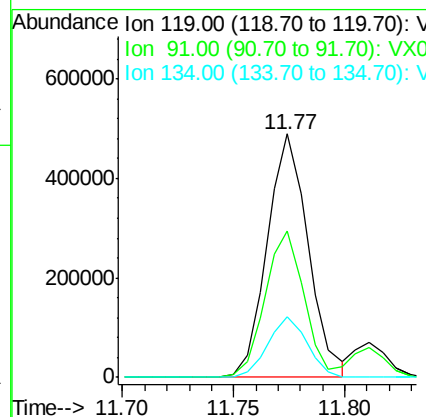
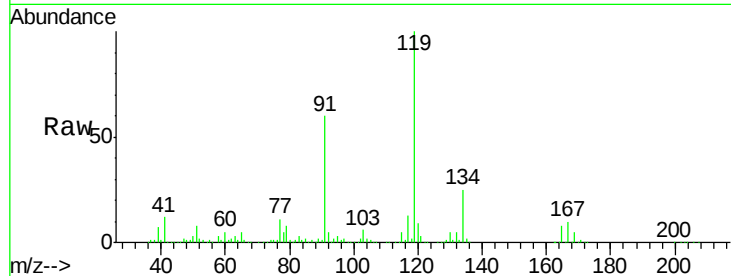
#83
tert-Butylbenzene
Concen: 50.05 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.9	30.3	90.9
134	23.7	11.7	35.1

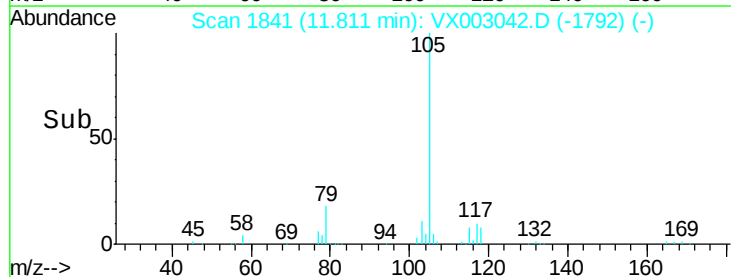
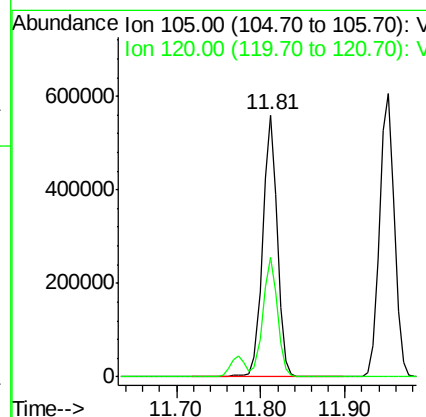
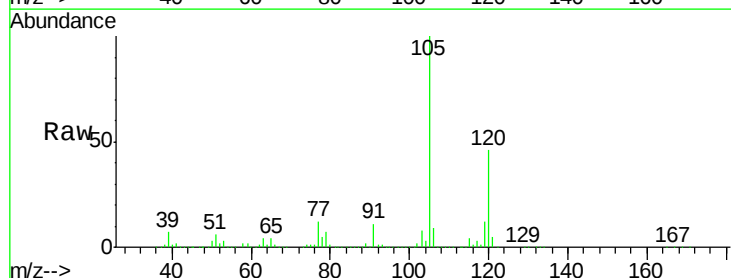
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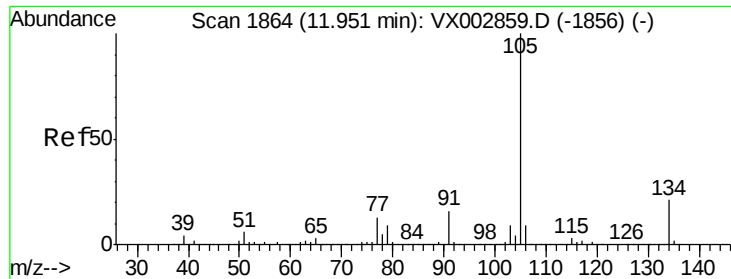
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#84
1,2,4-Trimethylbenzene
Concen: 50.32 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.3	66.8





#85

sec-Butylbenzene

Concen: 48.82 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 741327

Ion Ratio Lower Upper

105 100

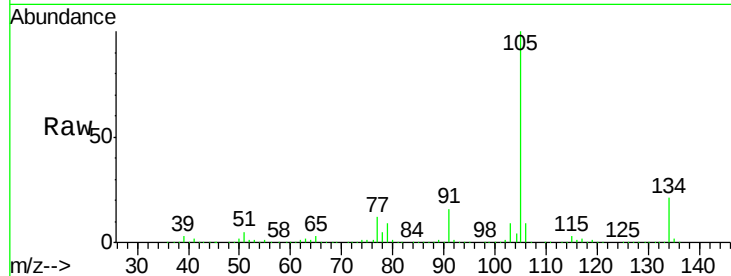
134 21.0 10.4 31.1

Manual Integrations

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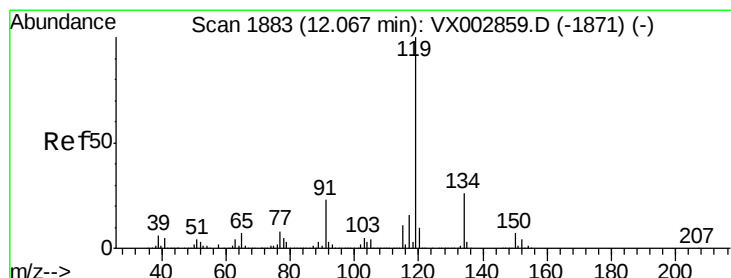
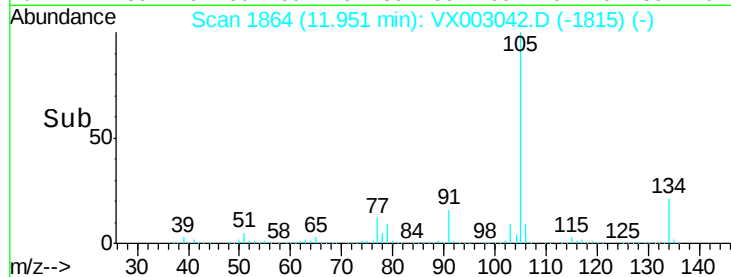
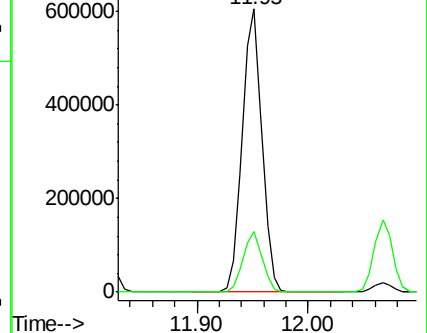
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.25 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

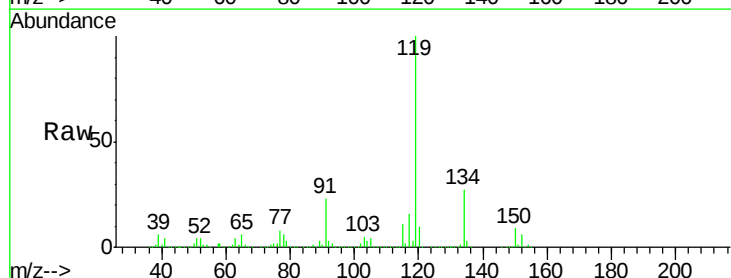
Tgt Ion:119 Resp: 672334

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

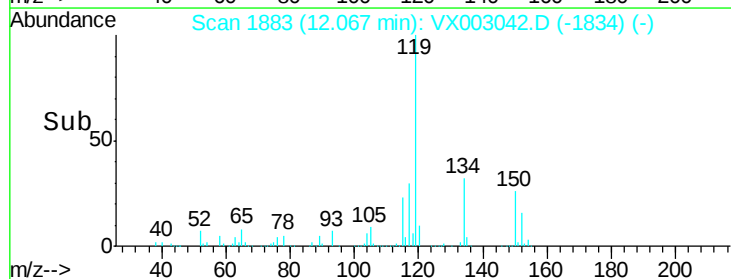
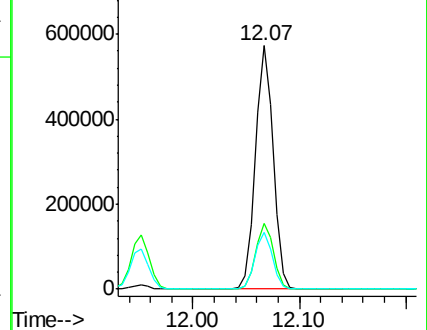
91 23.1 11.9 35.7



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): V





#87

1,3-Dichlorobenzene

Concen: 49.43 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Instrument :

MSVOA_X

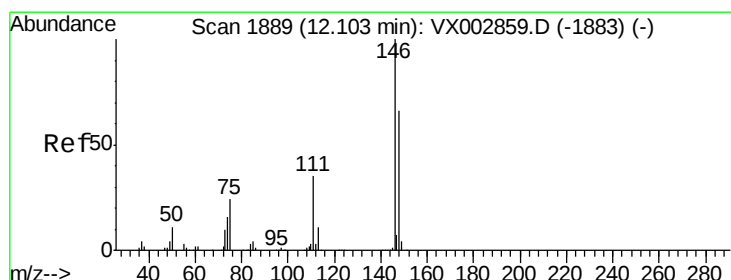
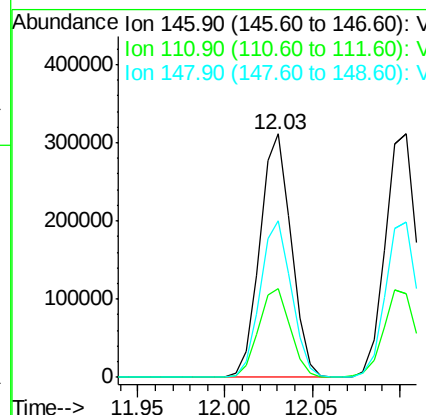
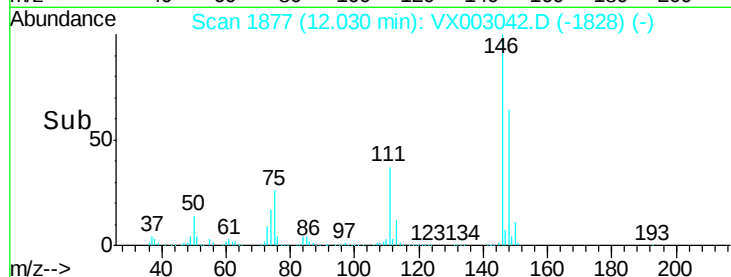
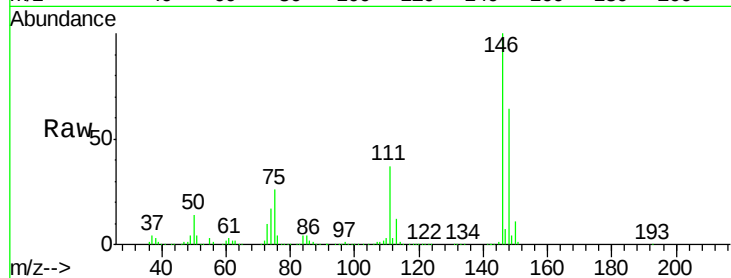
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	387747
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.9	56.7
148	64.1	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.62 ug/l

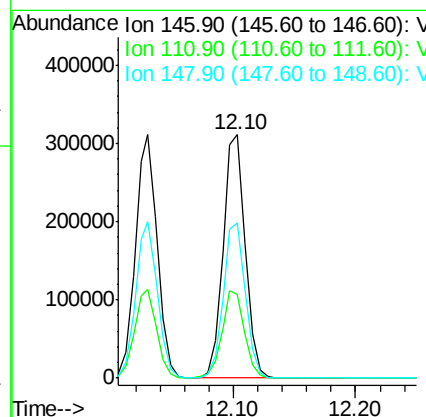
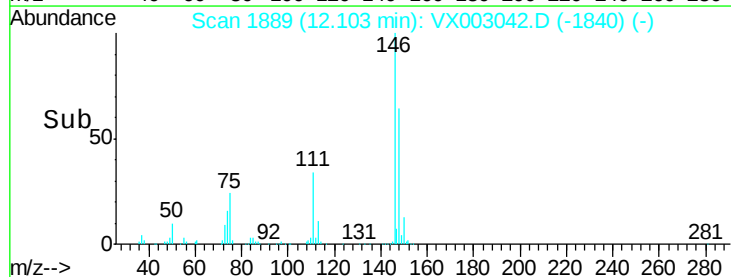
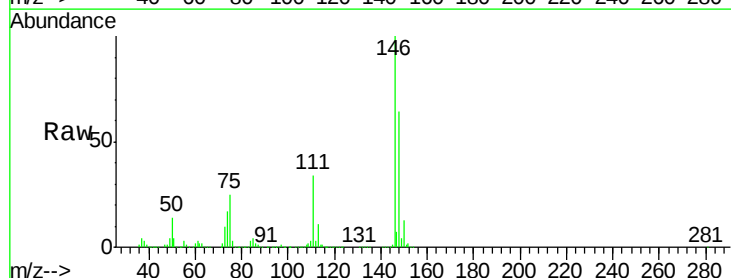
RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003042.D

Acq: 29 Jun 2018 21:11

Tgt Ion:	146	Resp:	392436
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.7	56.1
148	64.0	32.4	97.0





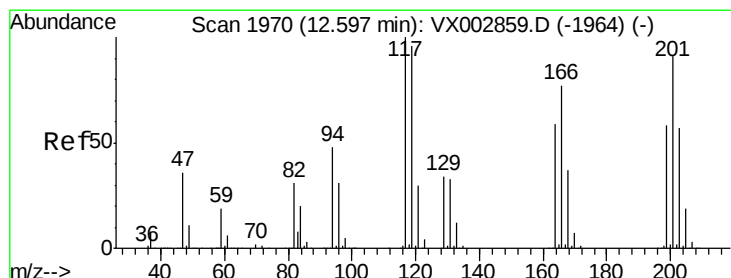
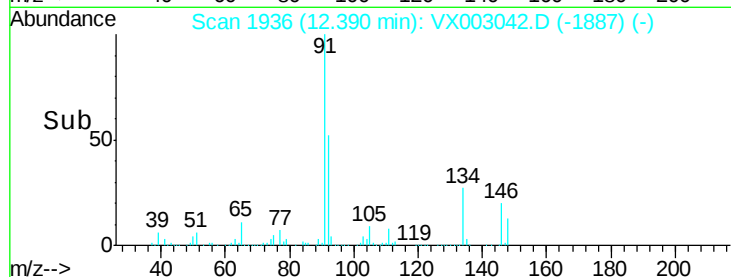
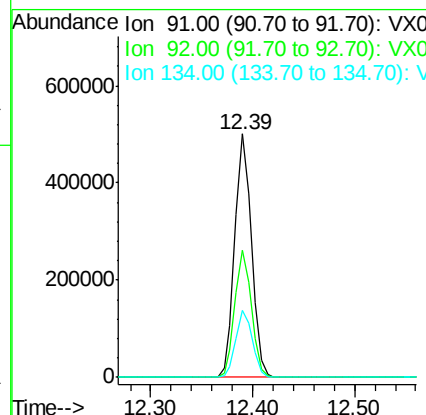
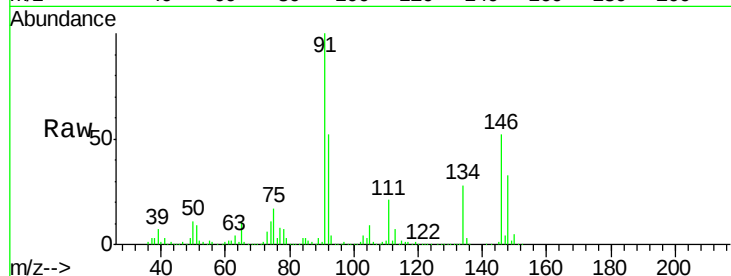
#89
n-Butylbenzene
Concen: 47.34 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	27.5	13.5	40.5

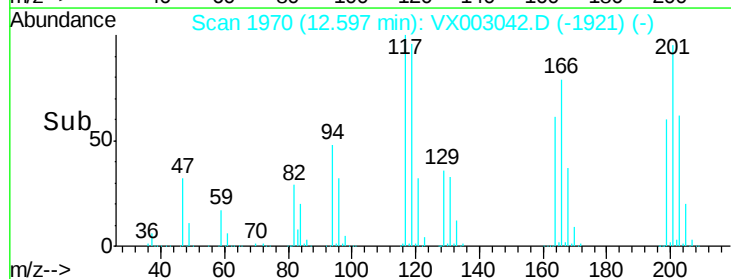
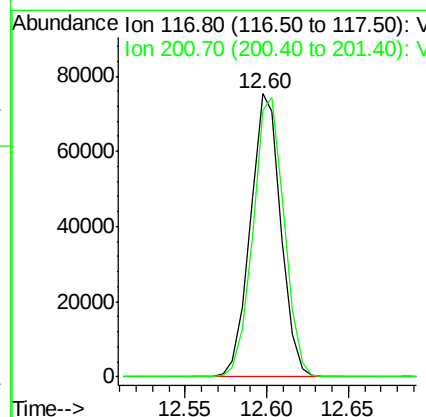
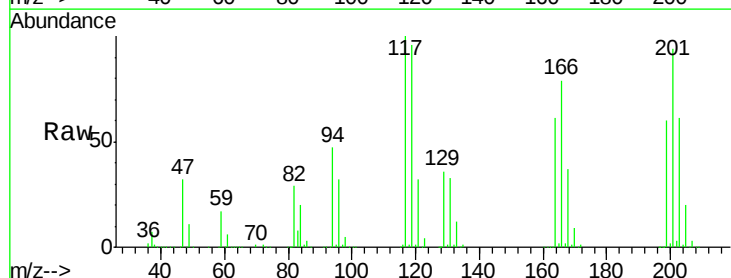
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#90
Hexachloroethane
Concen: 48.25 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.6	49.0	147.0





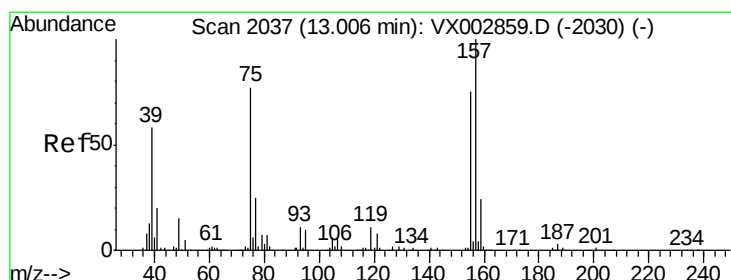
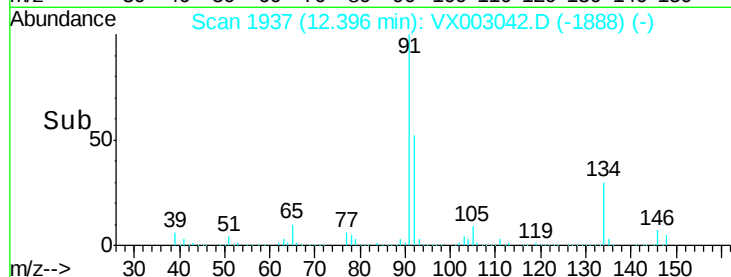
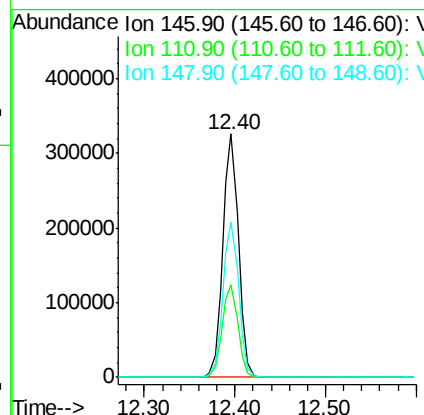
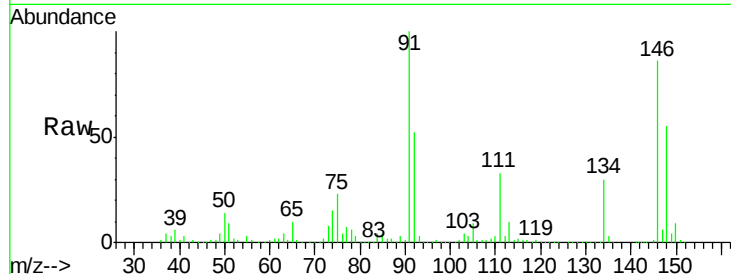
#91
 1,2-Dichlorobenzene
 Concen: 49.56 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.4	31.7	95.1

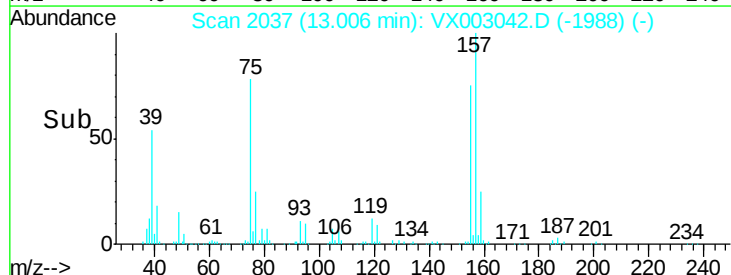
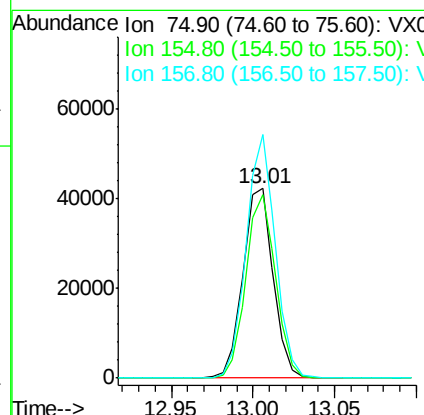
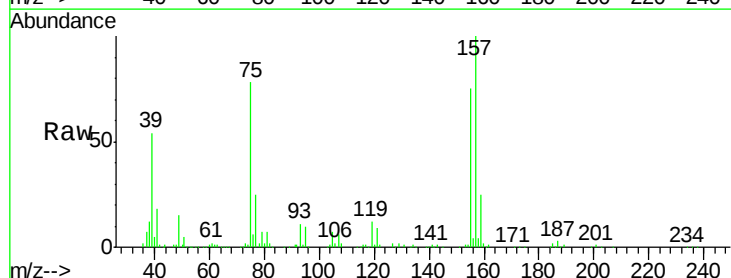
Manual Integrations
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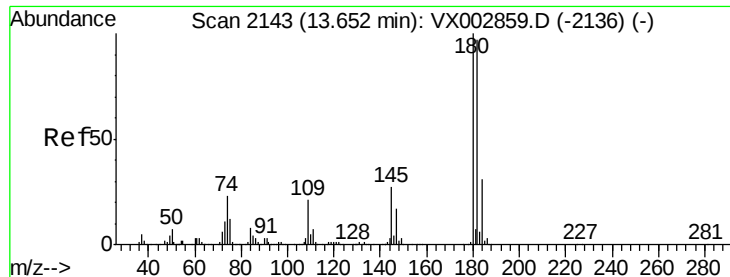
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.46 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	45.8	137.4
157	123.3	60.1	180.3





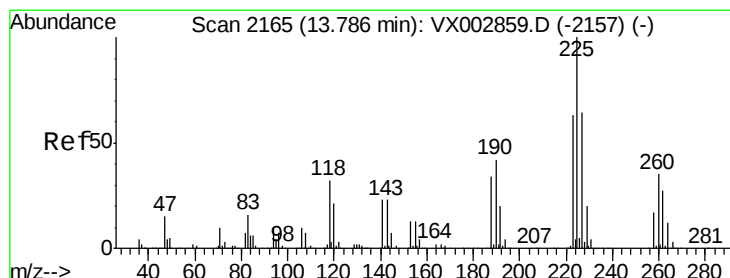
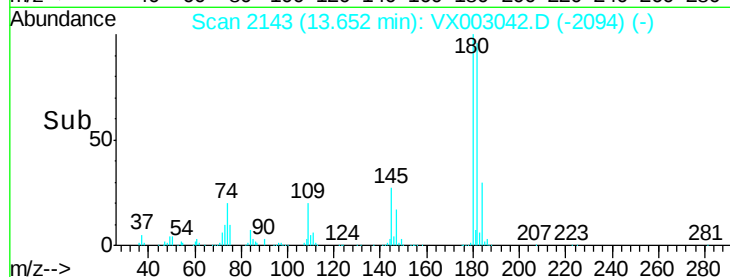
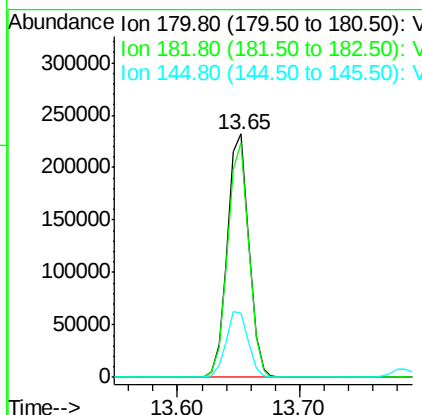
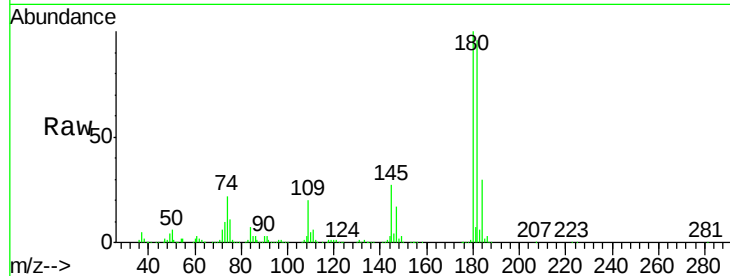
#93
 1,2,4-Trichlorobenzene
 Concen: 48.53 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	279602		
182	95.4	47.7	143.1	
145	28.1	14.1	42.4	

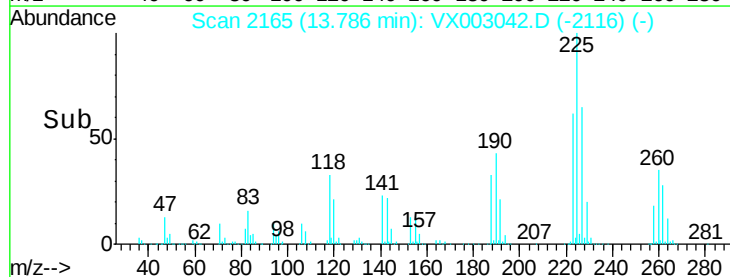
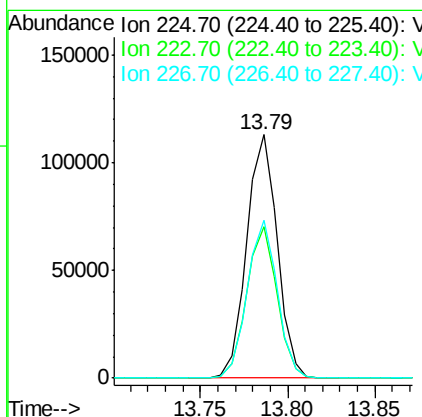
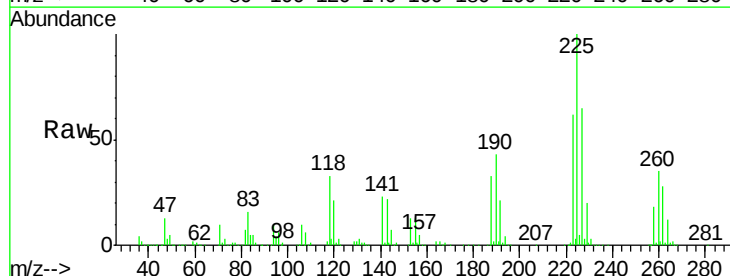
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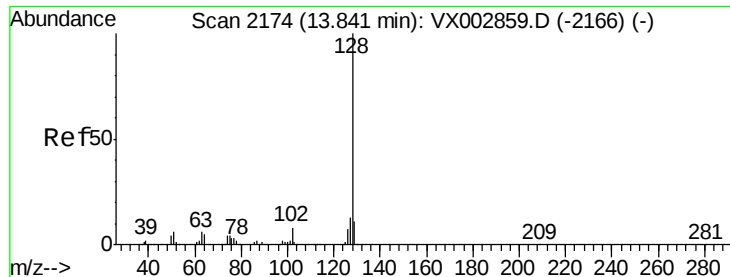
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#94
 Hexachlorobutadiene
 Concen: 47.73 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003042.D
 Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137167		
223	61.6	31.6	95.0	
227	63.5	32.4	97.2	





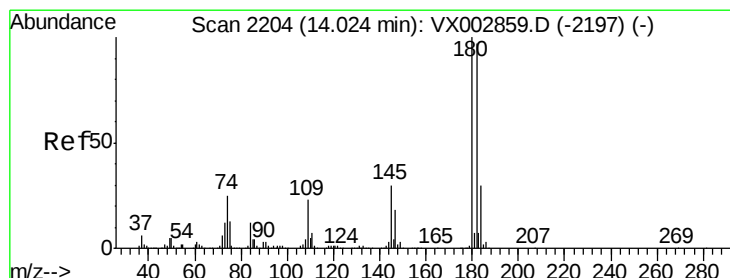
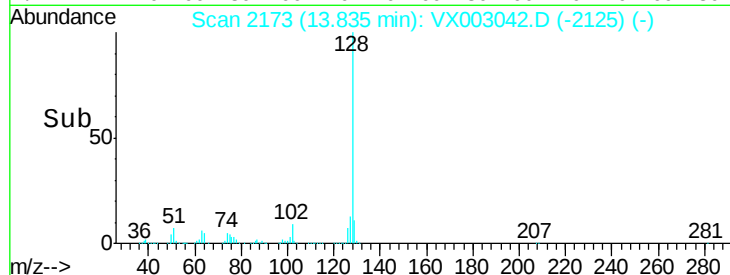
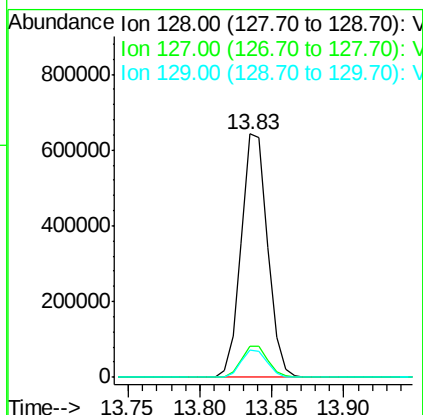
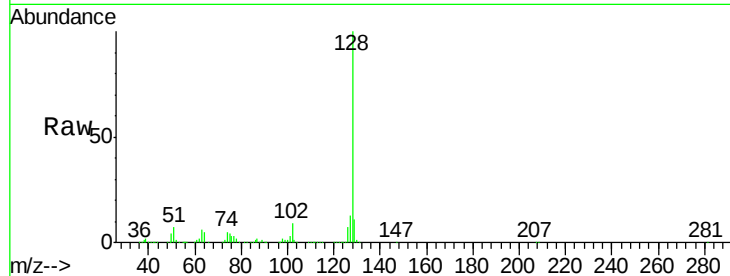
#95
Naphthalene
Concen: 53.25 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

apatel
7/2/2018 4:15:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.56 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003042.D
Acq: 29 Jun 2018 21:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	29.5	14.8	44.3

