

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX043018\
 Data File : VX001262.D
 Acq On : 30 Apr 2018 19:14
 Operator : JC/MD
 Sample : J2133-07 LOD-MDL 2.5PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 01 09:19:40 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	32552	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	185326	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	167373	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	72799	31.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.33%
60) 4-Bromofluorobenzene	11.14	95	77958	27.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.67%
63) Toluene-d8	8.72	98	220448	30.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	4302	2.016 ug/l	98
3) Chloromethane	1.32	50	5206	2.614 ug/l	98
4) Vinyl Chloride	1.40	62	5430	2.599 ug/l	95
5) Bromomethane	1.65	94	4987	3.160 ug/l	89
6) Chloroethane	1.73	64	3607	2.822 ug/l	97
7) Trichlorofluoromethane	1.93	101	9183	2.646 ug/l	95
8) Diethyl Ether	2.20	74	3529	2.929 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5626	2.858 ug/l	93
10) 1,1-Dichloroethene	2.38	96	5185	2.908 ug/l	96
11) Methyl Iodide	2.52	142	4313	1.989 ug/l	89
12) Methyl Acetate	2.79	43	6928	2.956 ug/l	94
13) Acrolein	2.30	56	4619	16.521 ug/l	92
14) Acrylonitrile	3.15	53	14466	15.505 ug/l	98
15) Acetone	2.45	58	4676	16.107 ug/l	99
16) Carbon Disulfide	2.57	76	11895	2.508 ug/l	96
17) Allyl chloride	2.73	41	8604	2.719 ug/l	99
18) Methylene Chloride	2.86	84	5823	2.996 ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	5506	2.864 ug/l	89
20) Diisopropyl ether	3.87	45	16237	2.607 ug/l	97
21) 1,1-Dichloroethane	3.71	63	9520	2.845 ug/l	96
22) cis-1,2-Dichloroethene	4.60	96	5879	2.739 ug/l	98
23) tert-Butyl Alcohol	3.07	59	7217	18.927 ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	17482	2.859 ug/l	93
25) Chloroform	5.23	83	9845	2.702 ug/l	95
26) Cyclohexane	5.59	56	8243	2.709 ug/l	# 89
29) 1,1-Dichloropropene	5.81	75	6986	2.544 ug/l	90
30) 2-Butanone	4.71	43	20254	14.395 ug/l	99
31) 2,2-Dichloropropane	4.59	77	6975	2.327 ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	8300	2.498 ug/l	97
33) Carbon Tetrachloride	5.79	117	6657	2.223 ug/l	94
34) Benzene	6.15	78	22079	2.714 ug/l	# 88
35) Methacrylonitrile	5.07	41	4732	3.031 ug/l	96
36) 1,2-Dichloroethane	6.21	62	8671	2.777 ug/l	# 94
37) Trichloroethene	7.22	130	6531	2.647 ug/l	98
38) Methylcyclohexane	7.46	83	8143	2.520 ug/l	95
39) 1,2-Dichloropropane	7.52	63	5207	2.524 ug/l	96
40) Dibromomethane	7.66	93	3698	2.548 ug/l	86

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.91	83	6146	2.241	ug/l #	90
42) Vinyl Acetate	3.83	43	65393	11.815	ug/l	98
44) Isopropyl Acetate	6.47	43	11614	2.519	ug/l	99
45) 1,4-Dioxane	7.77	88	2476	59.083	ug/l	87
46) Methyl methacrylate	7.78	41	6082	2.536	ug/l	86
47) n-amyl Acetate	10.90	43	9126	2.063	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	6312	1.955	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	5619	1.817	ug/l #	89
50) 1,1,2-Trichloroethane	9.22	97	5416	2.512	ug/l	98
51) Ethyl methacrylate	9.19	69	6911	2.250	ug/l	91
52) 1,3-Dichloropropane	9.38	76	9130	2.620	ug/l	99
53) Dibromochloromethane	9.59	129	4538	1.907	ug/l	91
54) 1,2-Dibromoethane	9.68	107	5541	2.402	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	16294	10.829	ug/l	98
56) Bromoform	10.86	173	3451	1.772	ug/l #	95
58) 4-Methyl-2-Pentanone	8.66	43	37040	13.334	ug/l	98
59) 2-Hexanone	9.51	43	28409	13.126	ug/l	97
61) Tetrachloroethene	9.34	164	7240	2.823	ug/l	92
62) Toluene	8.79	91	23924	2.660	ug/l	100
64) Chlorobenzene	10.15	112	15883	2.617	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.23	131	4877	2.201	ug/l	95
66) Ethyl Benzene	10.26	91	25263	2.516	ug/l	97
67) m/p-Xylenes	10.37	106	19702	4.940	ug/l	96
68) o-Xylene	10.71	106	9220	2.392	ug/l	94
69) Styrene	10.72	104	14731	2.296	ug/l	98
70) Isopropylbenzene	11.02	105	25491	2.435	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.27	83	7723	2.515	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	8438	3.071	ug/l	84
73) Bromobenzene	11.26	156	7405	2.434	ug/l	96
74) n-propylbenzene	11.37	91	26891	2.274	ug/l	97
75) 2-Chlorotoluene	11.43	91	17327	2.428	ug/l	96
76) 1,3,5-Trimethylbenzene	11.51	105	20733	2.324	ug/l	68
77) t-1,4-Dichloro-2-butene	11.08	75	1240	1.517	ug/l #	52
78) 4-Chlorotoluene	11.52	91	19709	2.316	ug/l	96
79) tert-butylbenzene	12.07	119	21566	2.260	ug/l	95
80) 1,2,4-Trimethylbenzene	11.81	105	21024	2.316	ug/l	98
81) sec-Butylbenzene	11.95	105	24051	2.322	ug/l	98
82) p-Isopropyltoluene	12.07	119	21566	2.260	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	13062	2.355	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	13775	2.436	ug/l	96
85) n-Butylbenzene	12.40	91	17820	2.159	ug/l	98
86) Hexachloroethane	12.60	117	2814	1.929	ug/l	77
87) 1,2-Dichlorobenzene	12.40	146	14015	2.541	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.01	75	1429	2.227	ug/l	92
89) 1,2,4-Trichlorobenzene	13.65	180	9527	2.280	ug/l	98
90) Hexachlorobutadiene	13.79	225	5243	2.702	ug/l	98
91) Naphthalene	13.84	128	25106	2.315	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	9895	2.399	ug/l	99

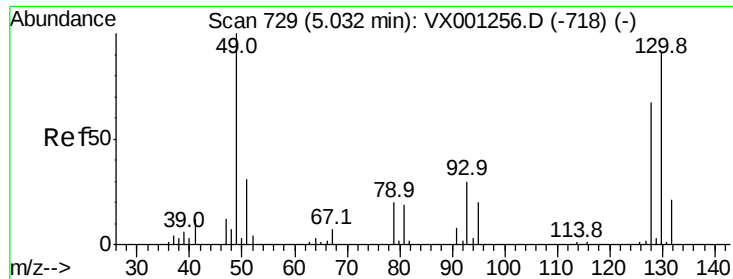
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

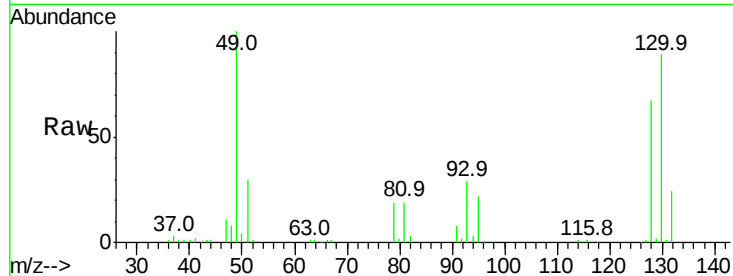
Tot Ion:128 Resp: 32552

Ion Ratio Lower Upper

128 100

49 148.6 0.0 378.3

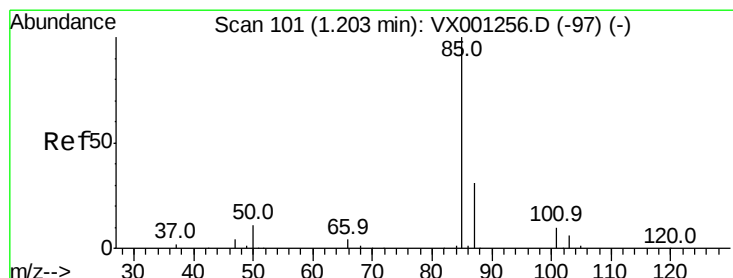
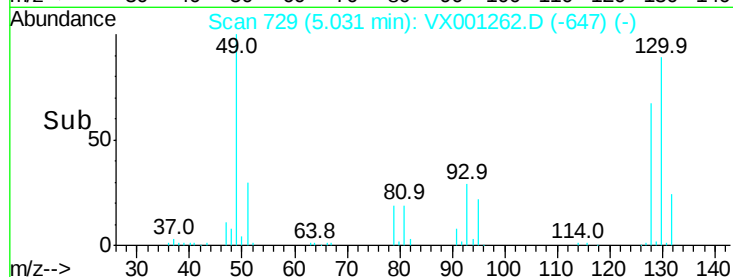
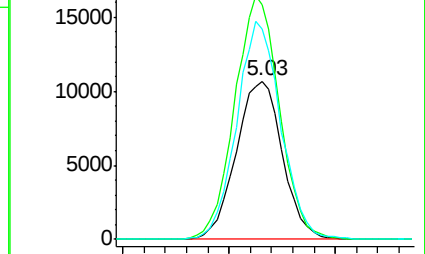
130 131.1 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 2.016 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001262.D

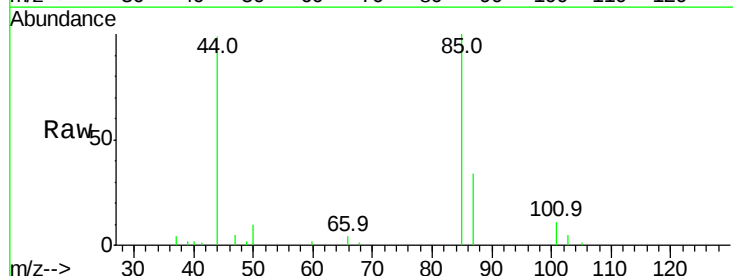
Acq: 30 Apr 2018 19:14

Tgt Ion: 85 Resp: 4302

Ion Ratio Lower Upper

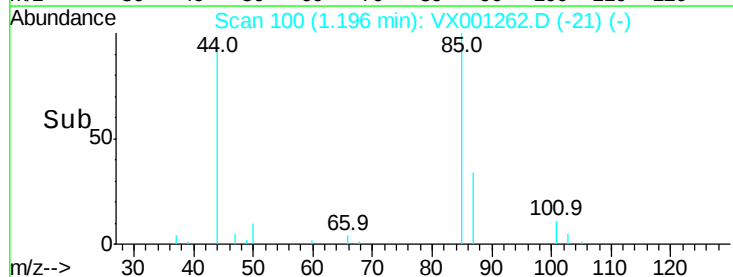
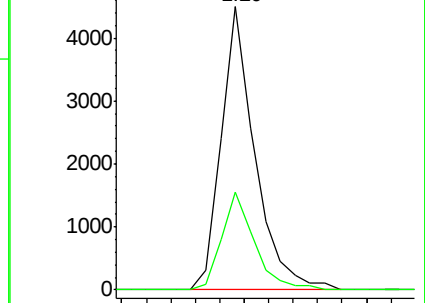
85 100

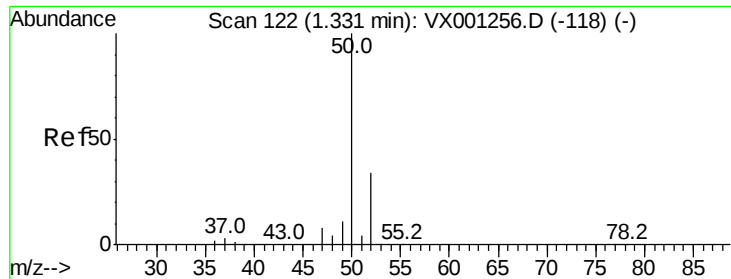
87 34.5 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 2.614 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

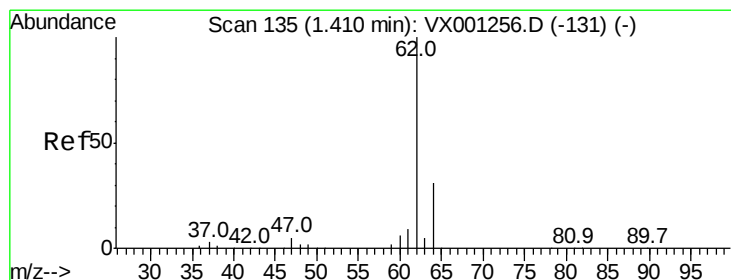
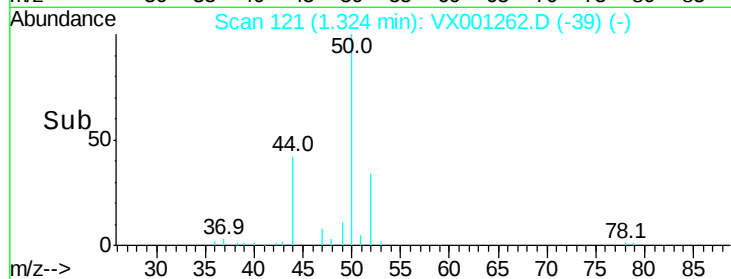
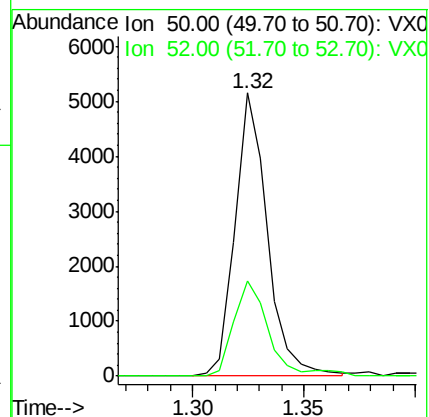
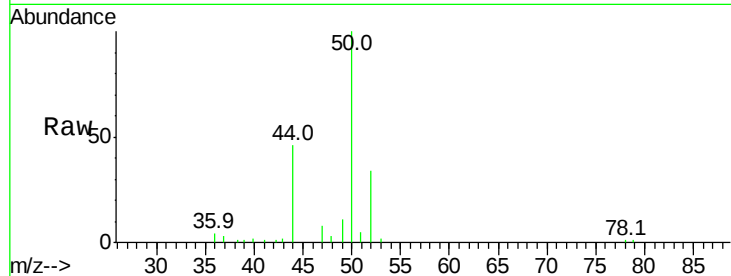
ClientSampleId :

Tot Ion: 50 Resp: 5206

Ion Ratio Lower Upper

50 100

52 33.7 27.8 41.6



#4

Vinyl Chloride

Concen: 2.599 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001262.D

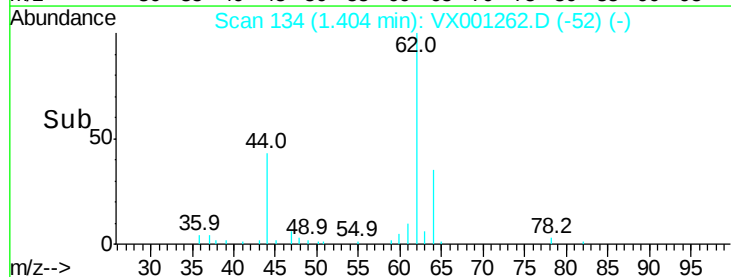
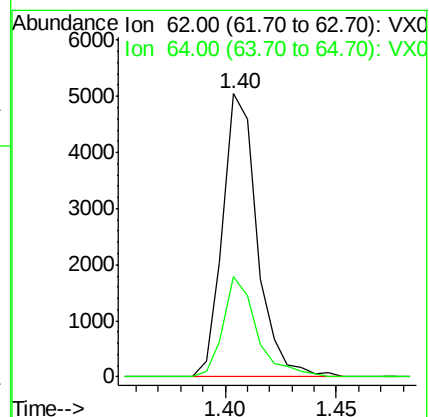
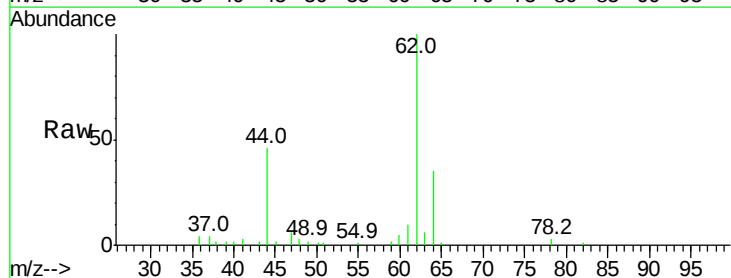
Acq: 30 Apr 2018 19:14

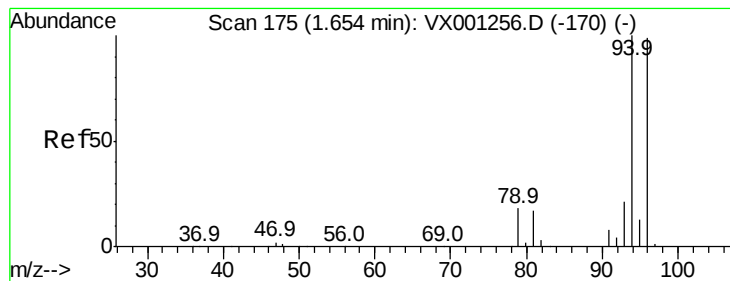
Tgt Ion: 62 Resp: 5430

Ion Ratio Lower Upper

62 100

64 35.3 26.0 39.0





#5

Bromomethane

Concen: 3.160 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

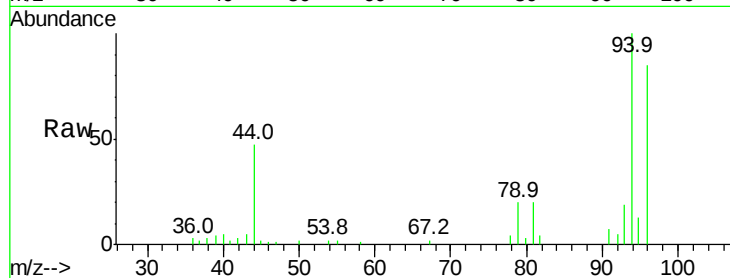
ClientSampleId :

Tot Ion: 94 Resp: 4987

Ion Ratio Lower Upper

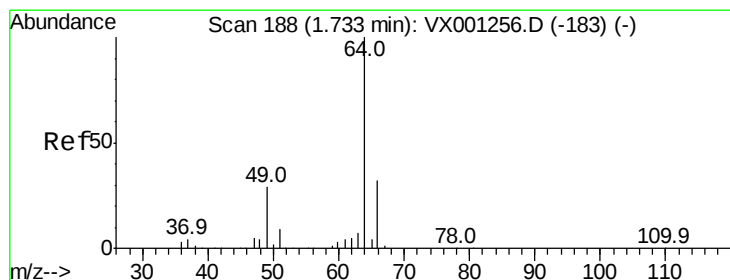
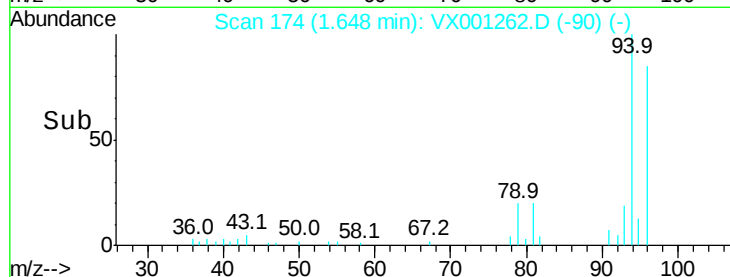
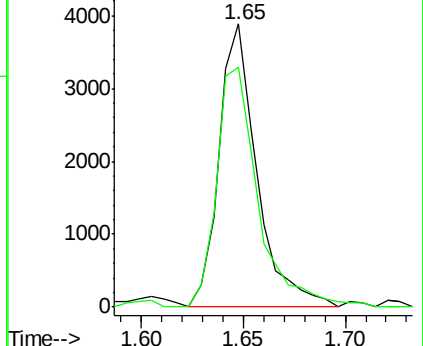
94 100

96 84.7 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 2.822 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001262.D

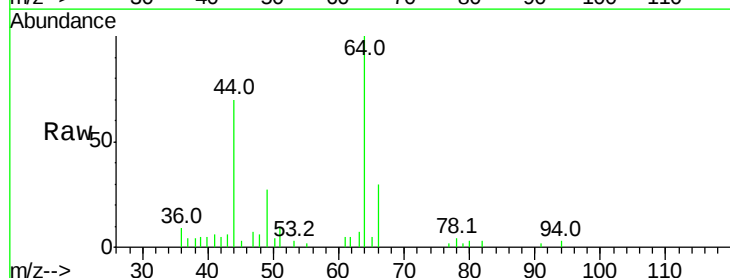
Acq: 30 Apr 2018 19:14

Tgt Ion: 64 Resp: 3607

Ion Ratio Lower Upper

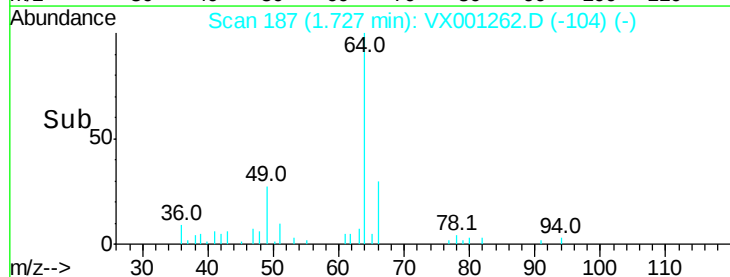
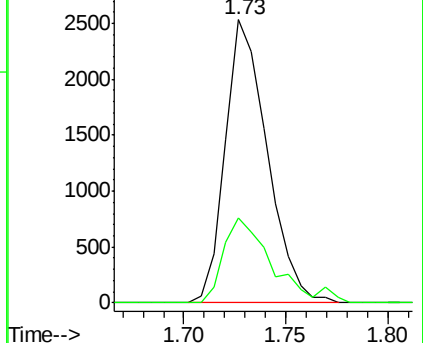
64 100

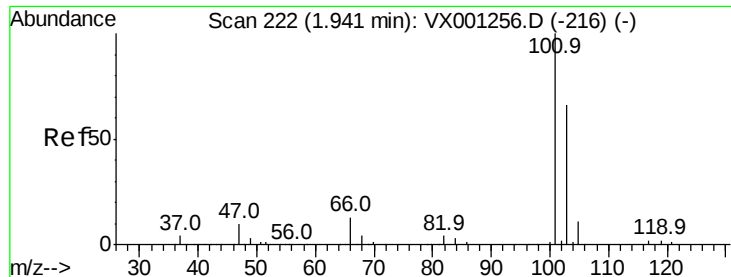
66 29.8 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



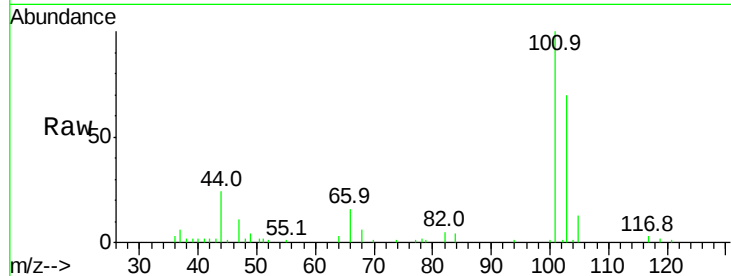


#7

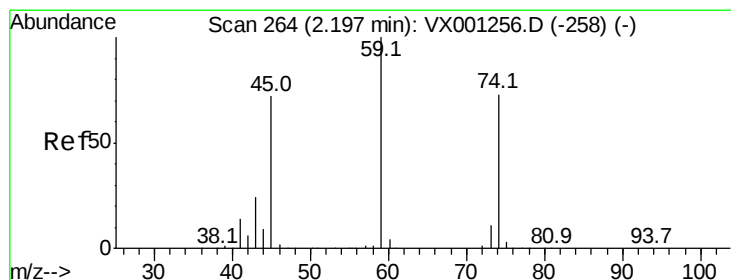
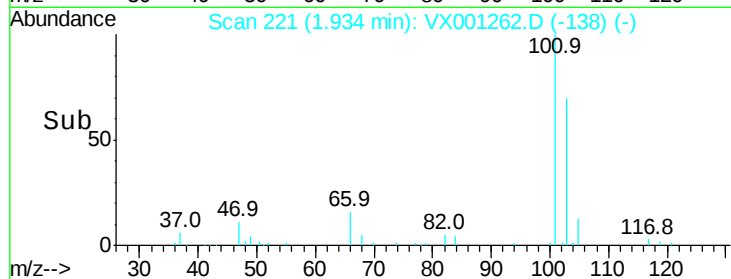
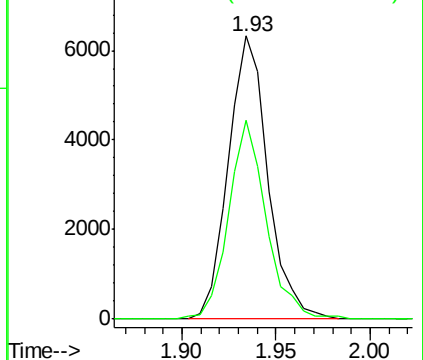
Trichlorofluoromethane
Concen: 2.646 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001262.D
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Instrument :
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ClientSampleId :

Tot Ion:101 Resp: 9183
Ion Ratio Lower Upper
101 100
103 69.4 52.2 78.4



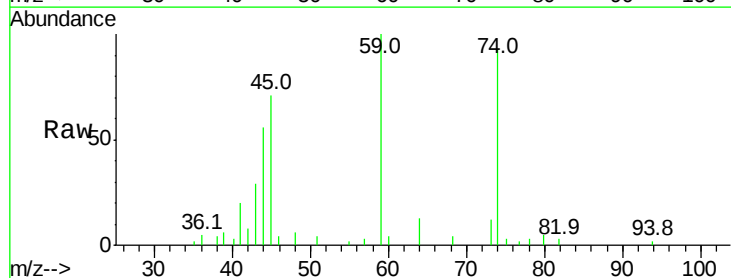
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



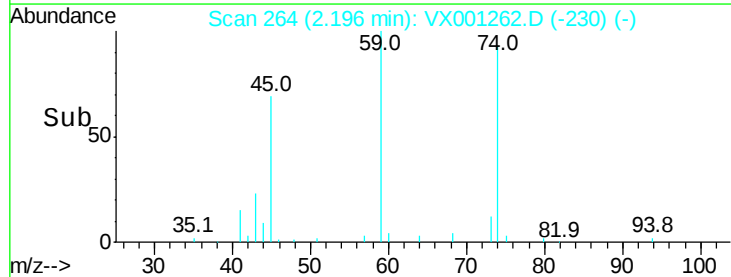
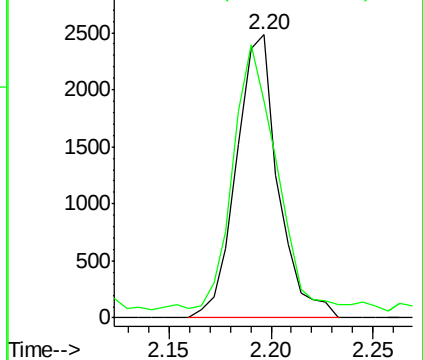
#8

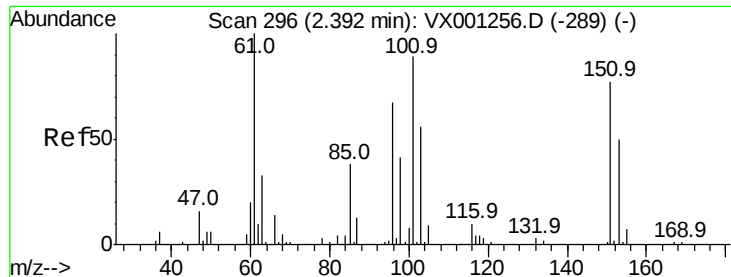
Diethyl Ether
Concen: 2.929 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 74 Resp: 3529
Ion Ratio Lower Upper
74 100
45 101.8 17.8 159.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.858 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampled :

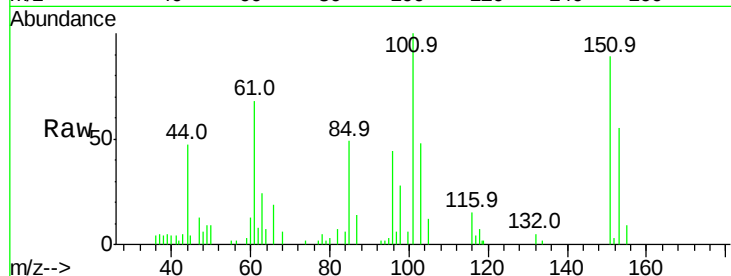
Tot Ion:101 Resp: 5626

Ion Ratio Lower Upper

101 100

85 46.1 0.0 90.4

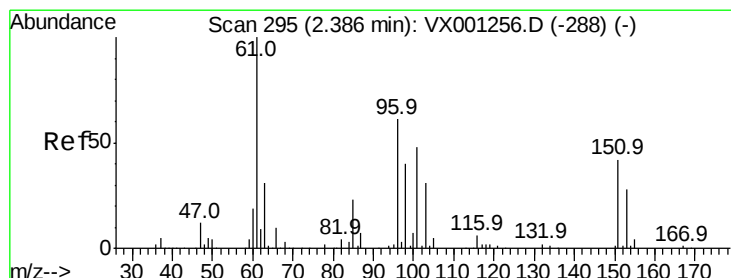
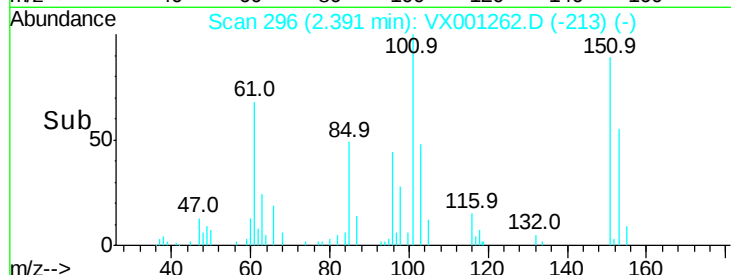
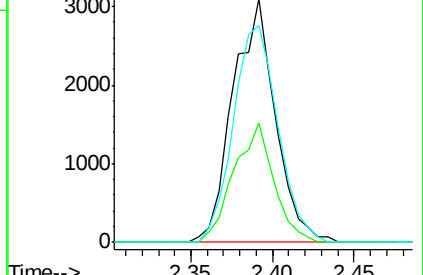
151 93.2 0.0 167.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 2.908 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

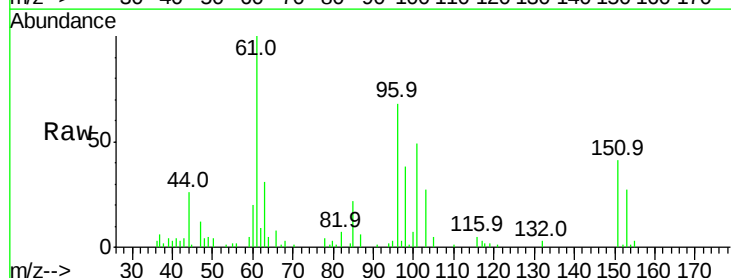
Tgt Ion: 96 Resp: 5185

Ion Ratio Lower Upper

96 100

61 145.7 118.6 178.0

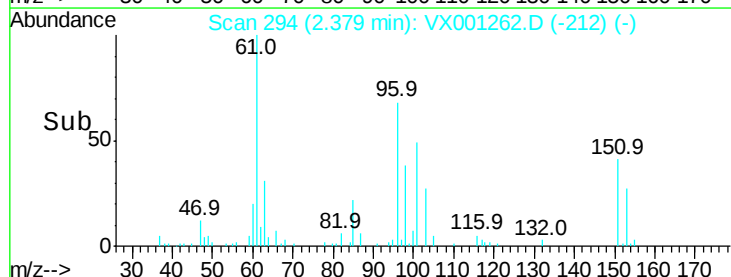
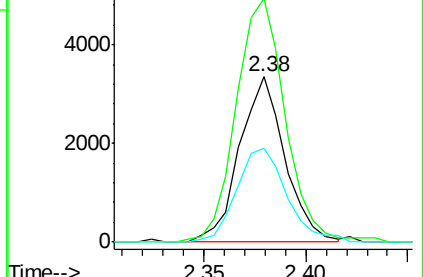
98 56.6 51.0 76.6

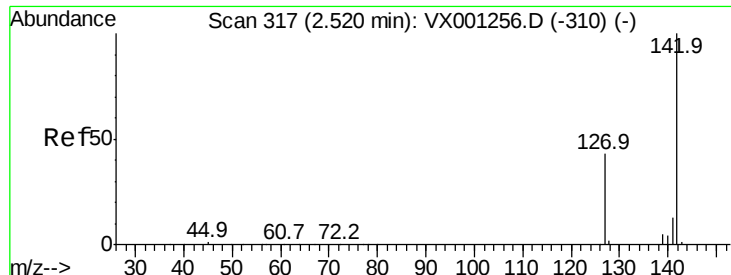


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

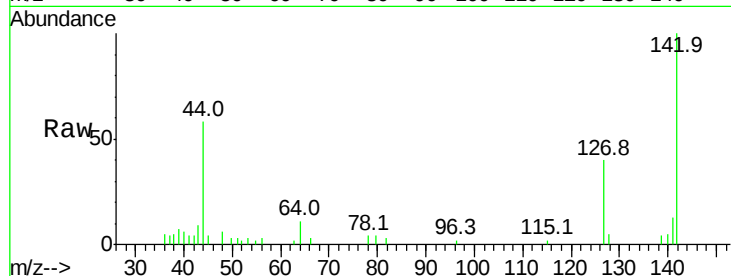




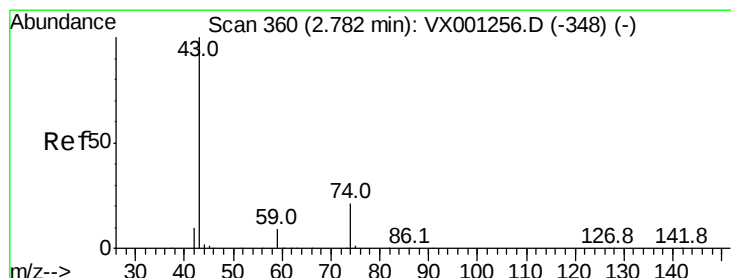
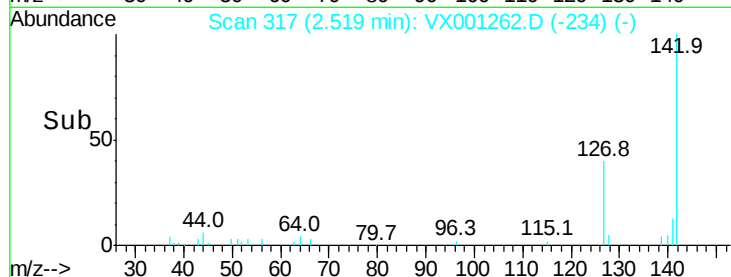
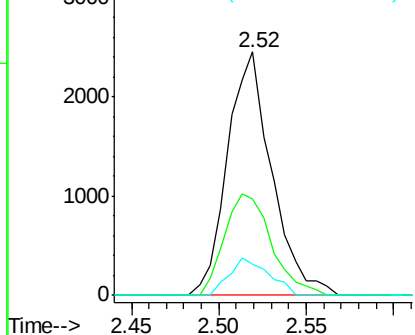
#11
Methvl Iodide
Concen: 1.989 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 4313
Ion Ratio Lower Upper
142 100
127 39.6 23.8 71.5
141 12.7 8.2 24.4

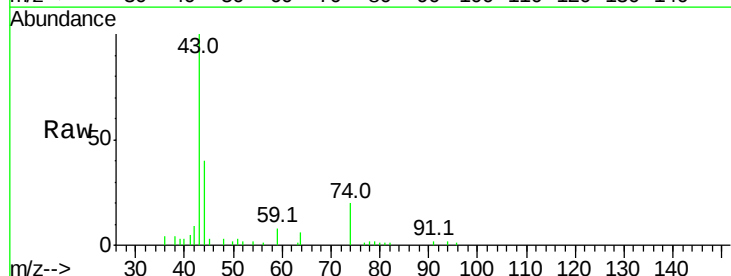


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

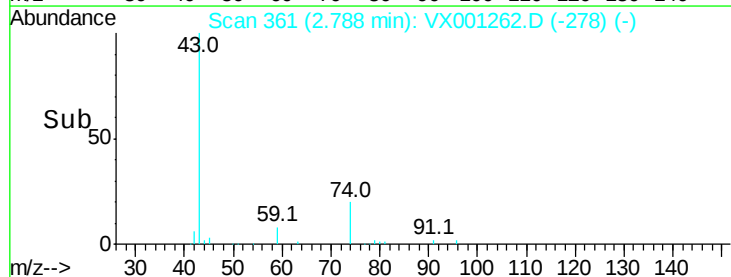
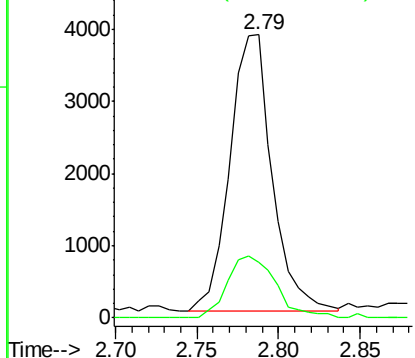


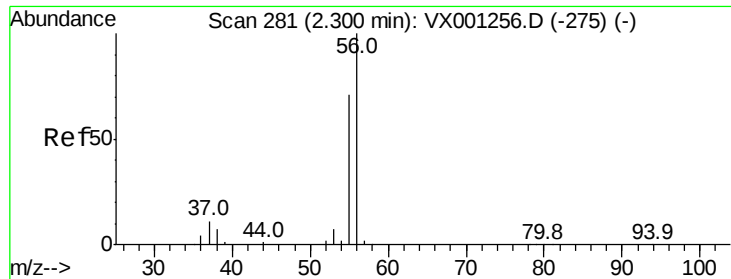
#12
Methyl Acetate
Concen: 2.956 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 43 Resp: 6928
Ion Ratio Lower Upper
43 100
74 20.3 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 16.521 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

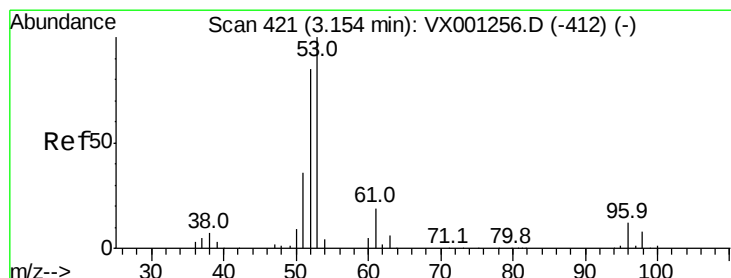
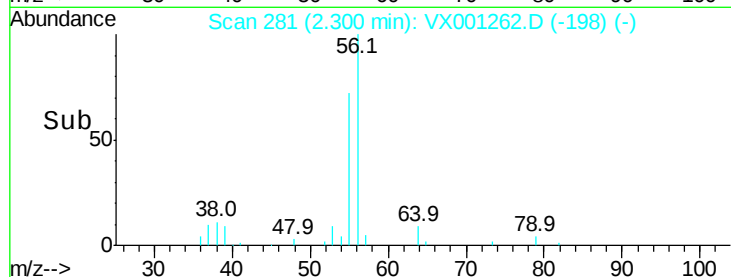
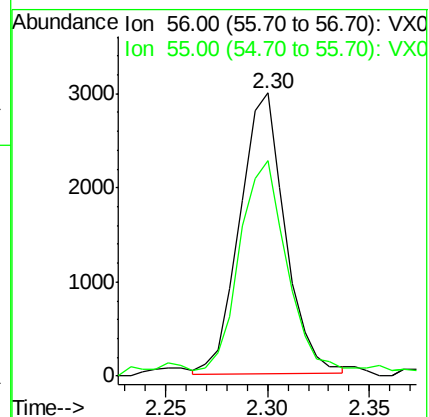
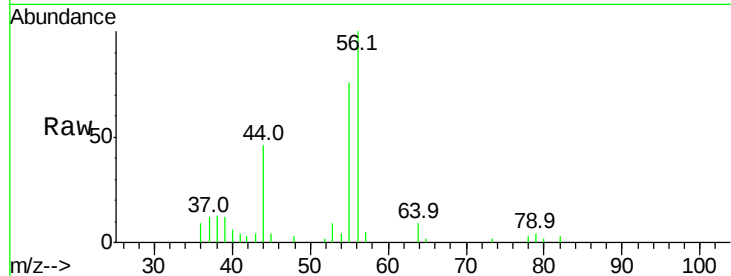
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4619

Ion Ratio Lower Upper

56 100

55 78.3 57.3 85.9



#14

Acrylonitrile

Concen: 15.505 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

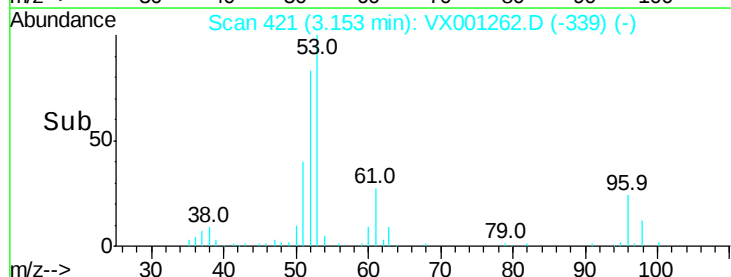
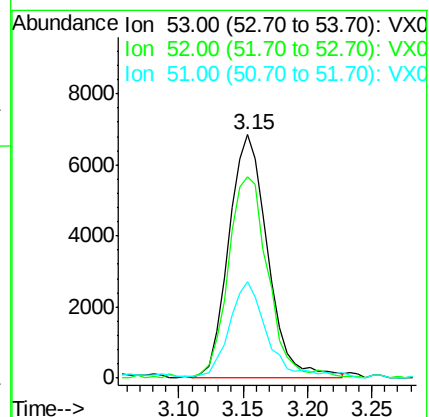
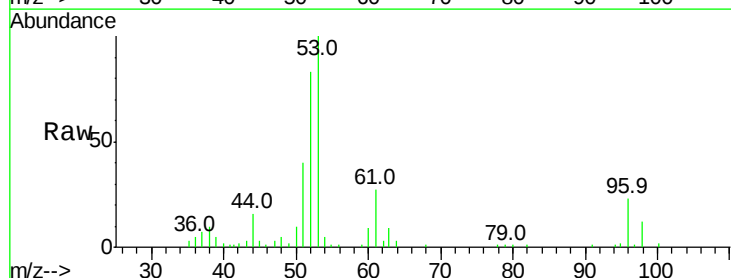
Tgt Ion: 53 Resp: 14466

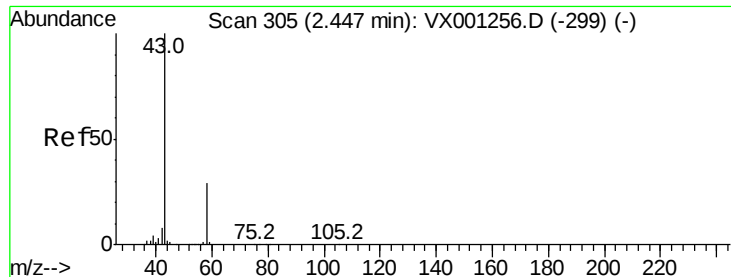
Ion Ratio Lower Upper

53 100

52 83.4 41.9 125.8

51 34.8 18.8 56.3





#15

Acetone

Concen: 16.107 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

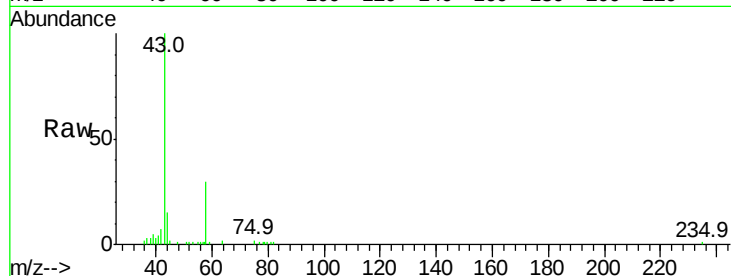
ClientSampleId :

Tot Ion: 58 Resp: 4676

Ion Ratio Lower Upper

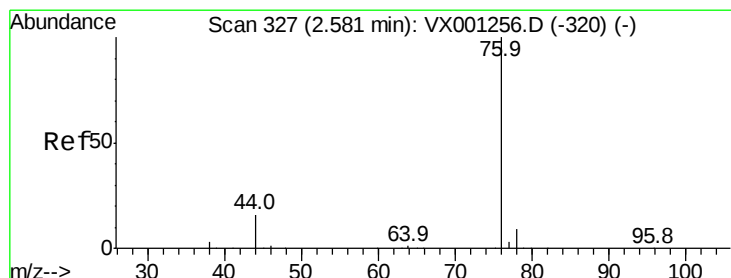
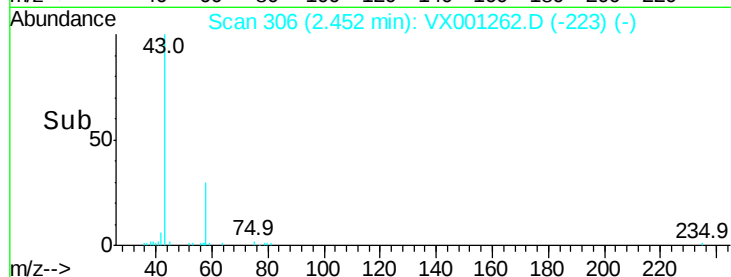
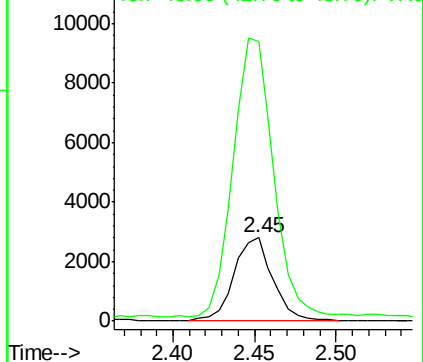
58 100

43 329.2 264.6 396.8



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 2.508 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001262.D

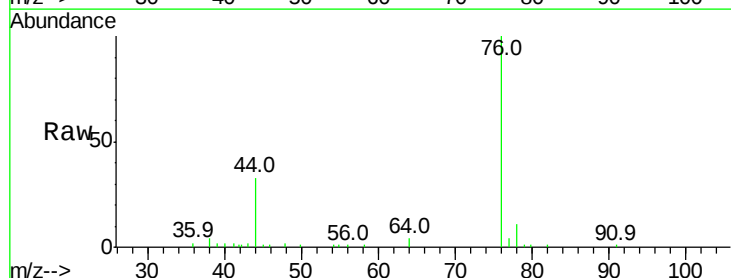
Acq: 30 Apr 2018 19:14

Tgt Ion: 76 Resp: 11895

Ion Ratio Lower Upper

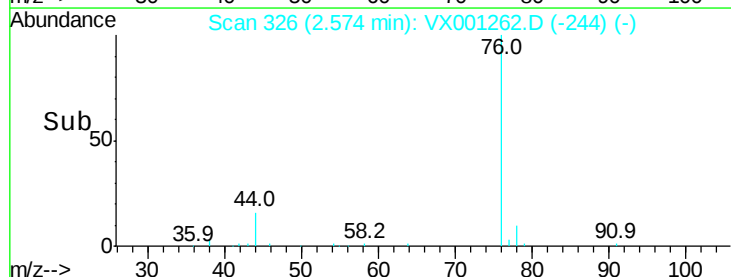
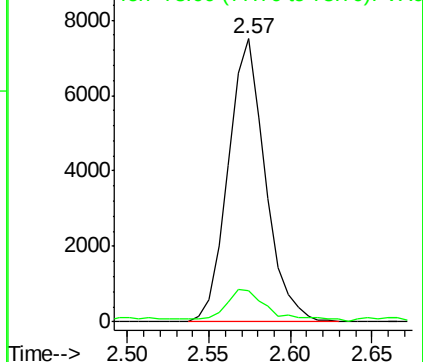
76 100

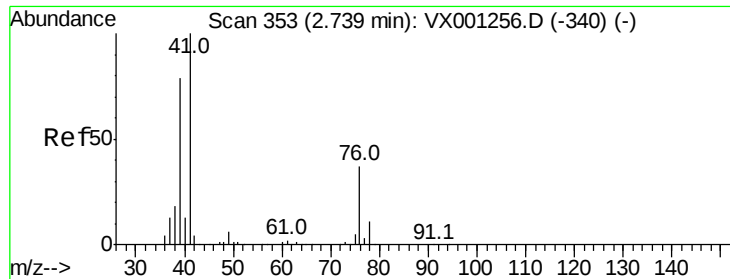
78 10.1 6.8 10.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

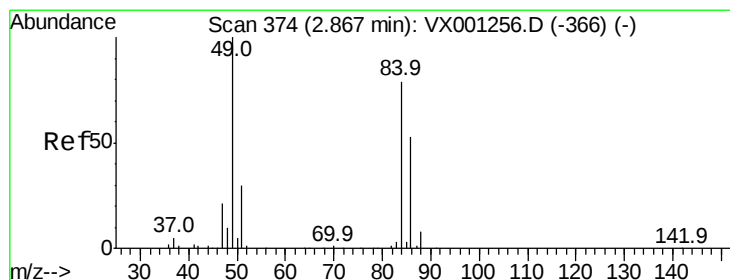
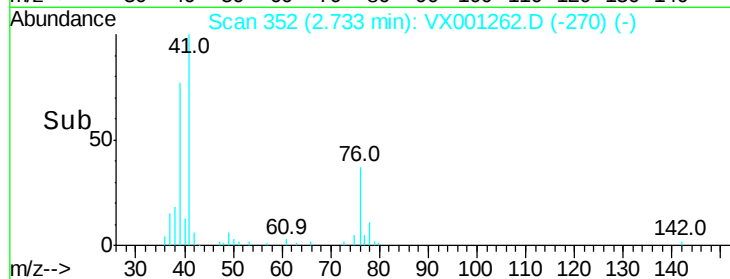
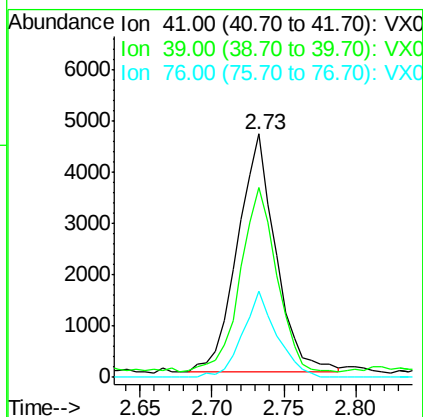
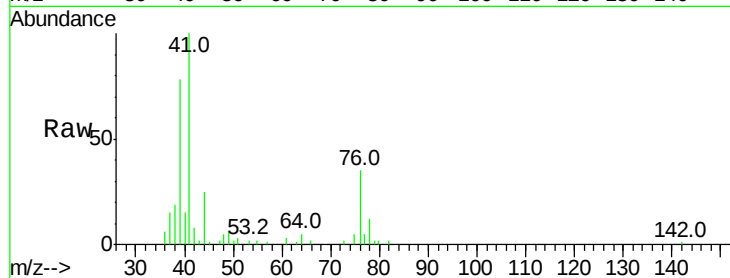




#17
Allvl chloride
Concen: 2.719 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

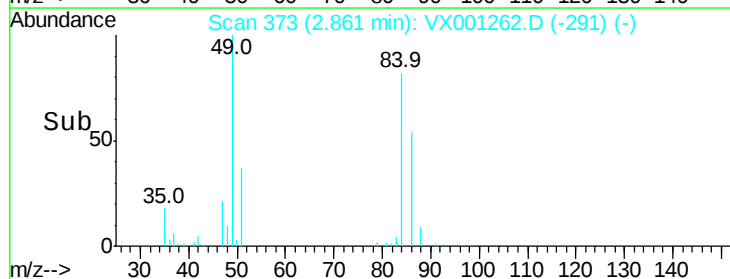
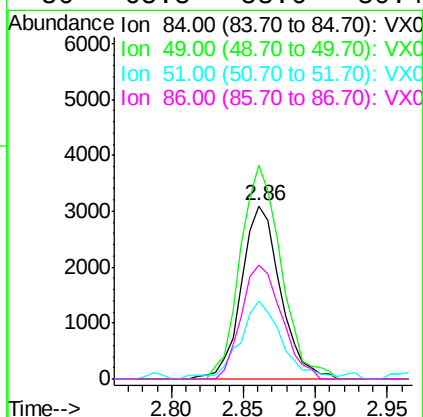
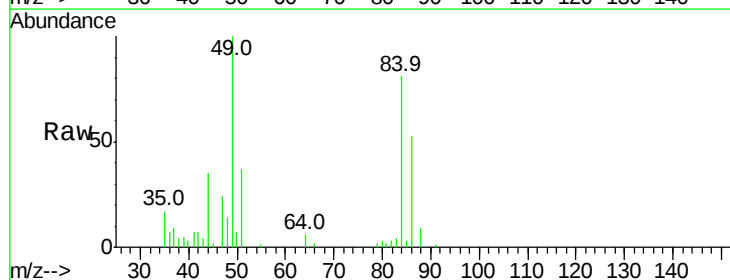
Instrument :
MSVOA_X
ClientSampleId :

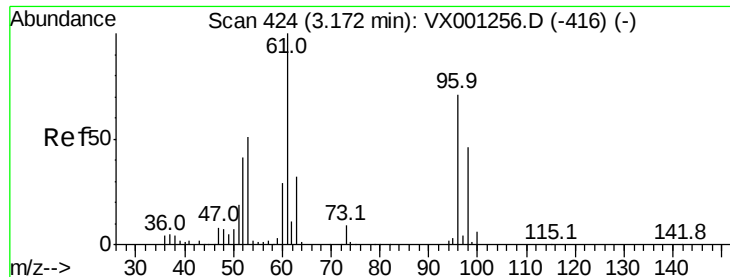
Tot Ion: 41 Resp: 8604
Ion Ratio Lower Upper
41 100
39 76.9 38.5 115.5
76 36.2 18.7 56.1



#18
Methylene Chloride
Concen: 2.996 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 84 Resp: 5823
Ion Ratio Lower Upper
84 100
49 123.6 103.3 154.9
51 43.4 31.2 46.8
86 65.8 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 2.864 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampled :

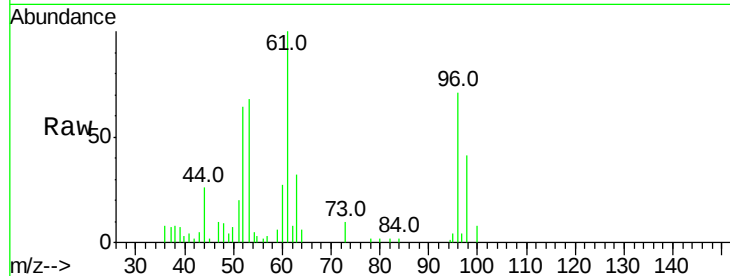
Tot Ion: 96 Resp: 5506

Ion Ratio Lower Upper

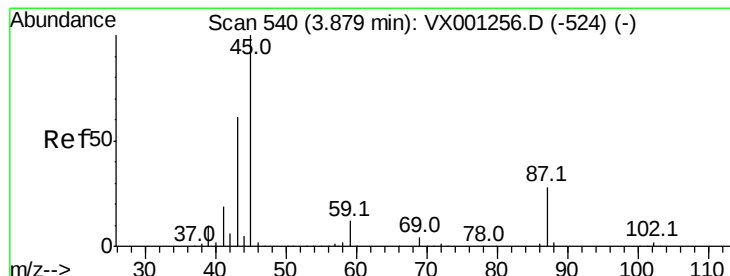
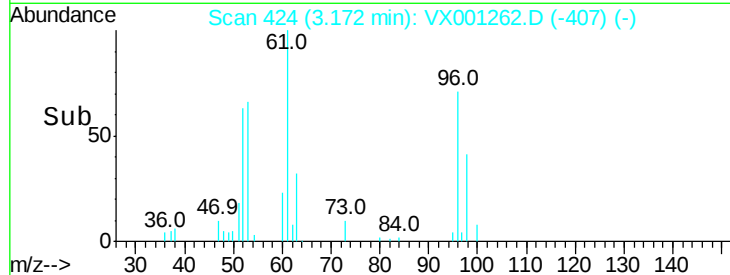
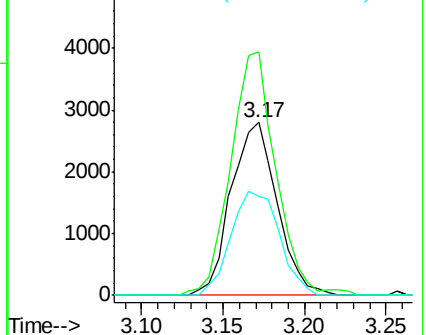
96 100

61 138.5 101.0 151.6

98 57.1 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 2.607 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Tgt Ion: 45 Resp: 16237

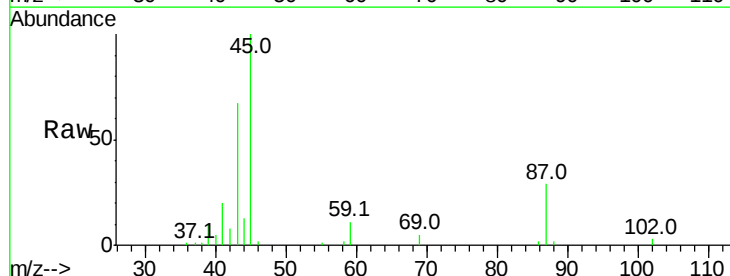
Ion Ratio Lower Upper

45 100

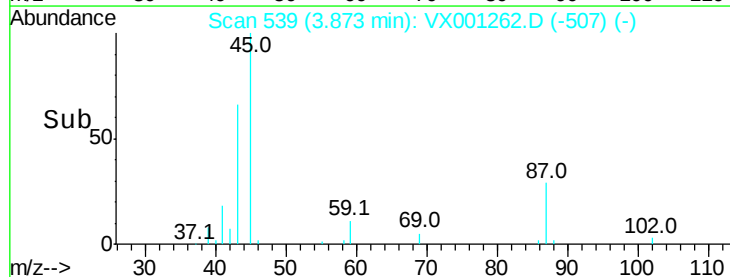
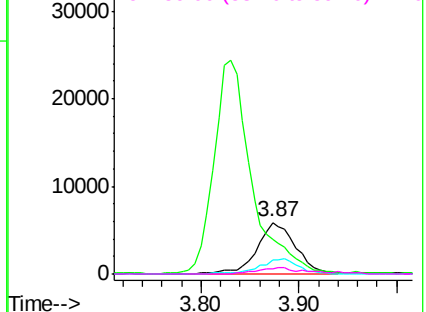
43 64.3 49.6 74.4

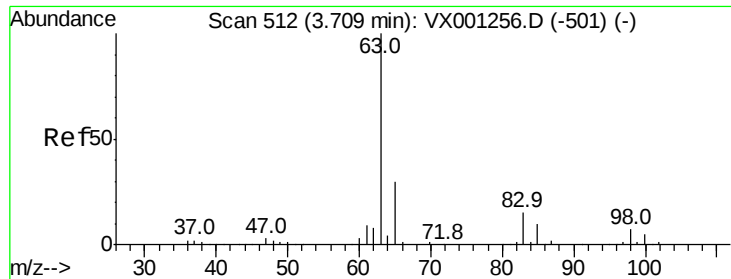
87 28.6 23.1 34.7

59 11.0 10.8 16.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 2.845 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampled :

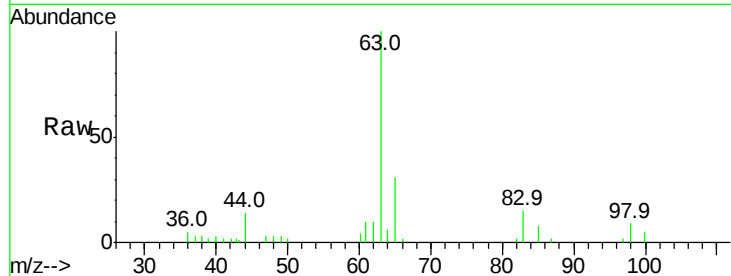
Tot Ion: 63 Resp: 9520

Ion Ratio Lower Upper

63 100

98 8.6 3.3 9.9

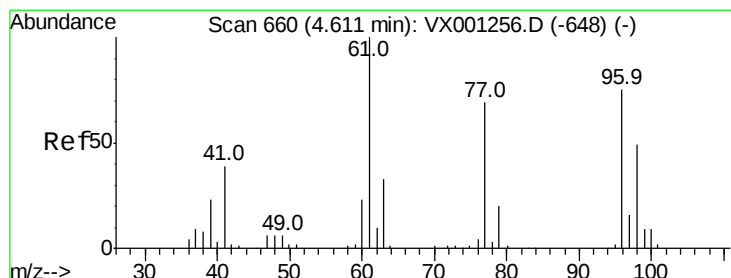
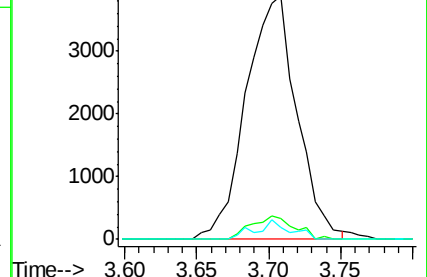
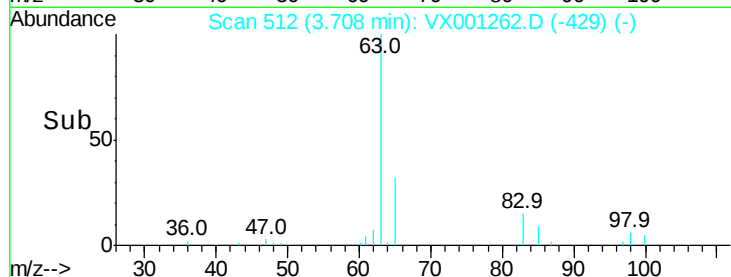
100 4.9 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 2.739 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

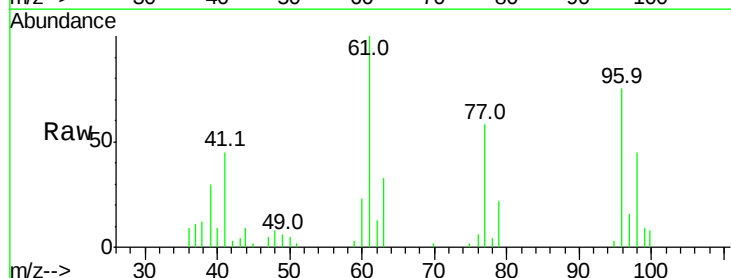
Tgt Ion: 96 Resp: 5879

Ion Ratio Lower Upper

96 100

61 144.8 113.5 170.3

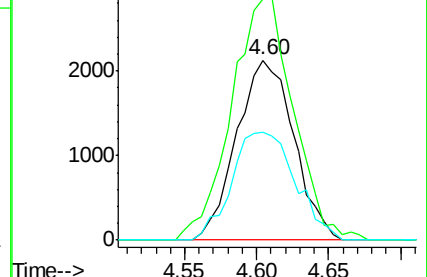
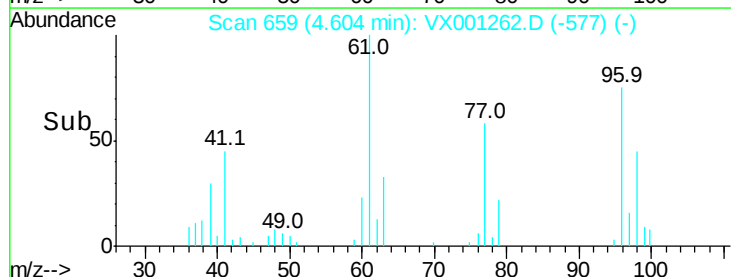
98 66.8 51.8 77.8

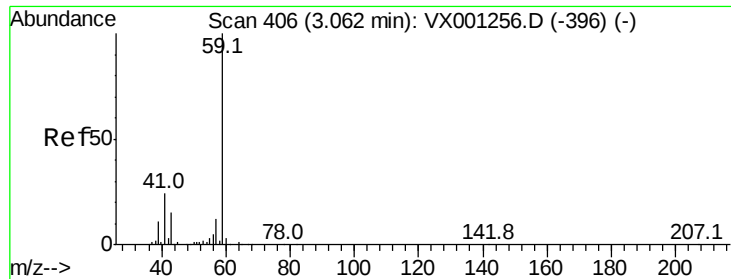


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



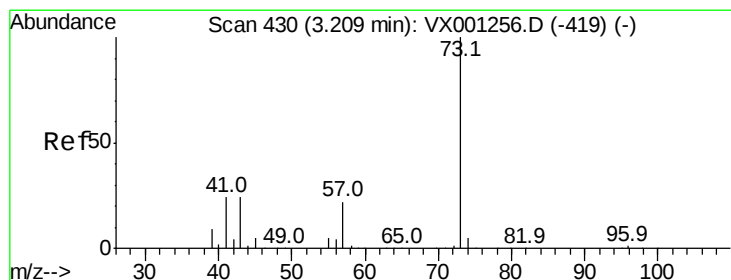
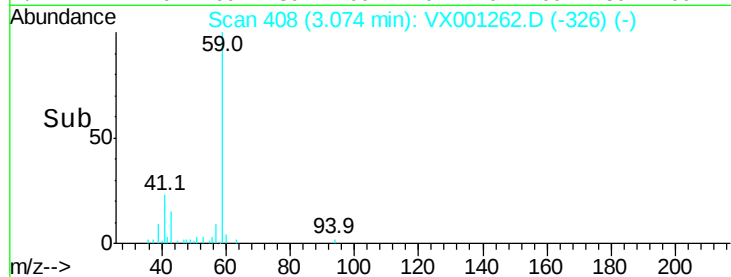
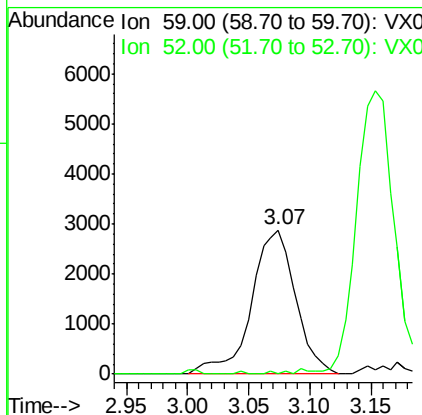
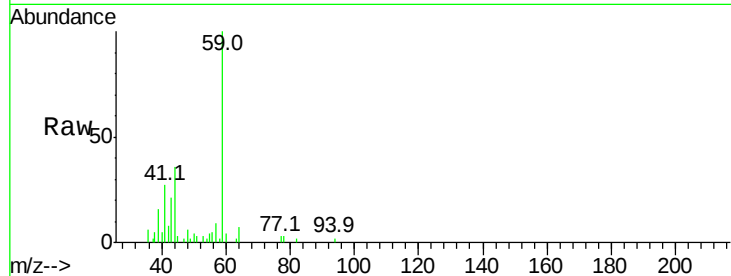


#23

tert-Butyl Alcohol
Concen: 18.927 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampleId :

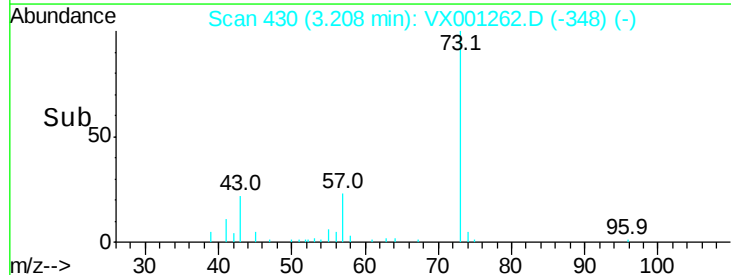
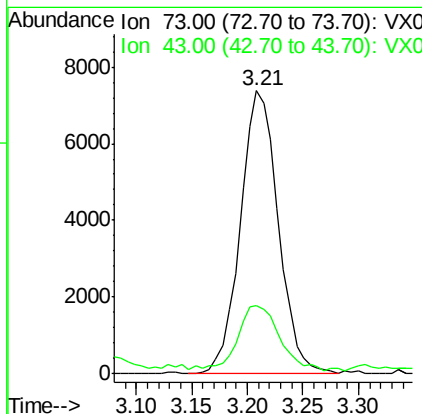
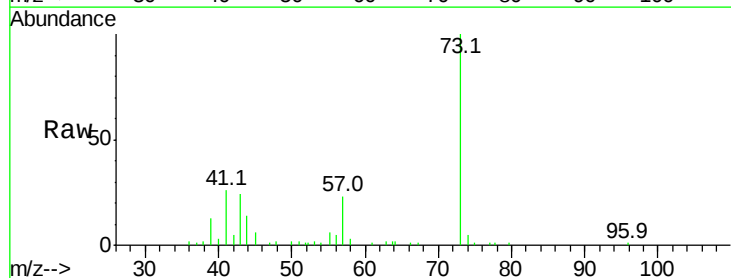
Tot Ion: 59 Resp: 7217
Ion Ratio Lower Upper
59 100
52 0.6 0.1 0.1#

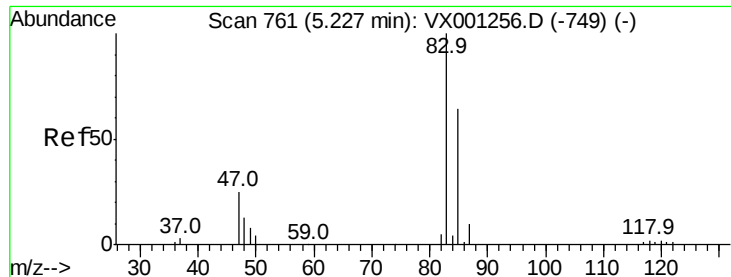


#24

Methyl tert-Butyl Ether
Concen: 2.859 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 73 Resp: 17482
Ion Ratio Lower Upper
73 100
43 23.8 16.5 24.7

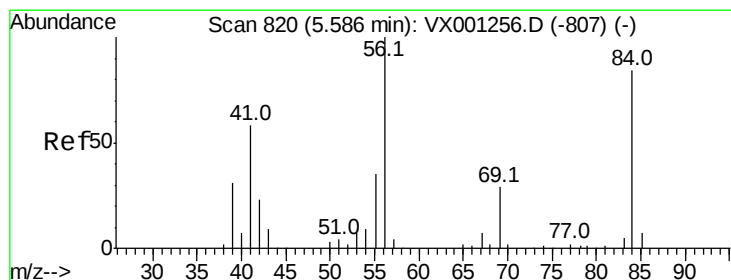
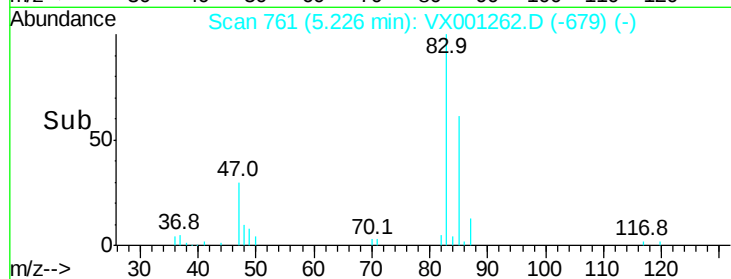
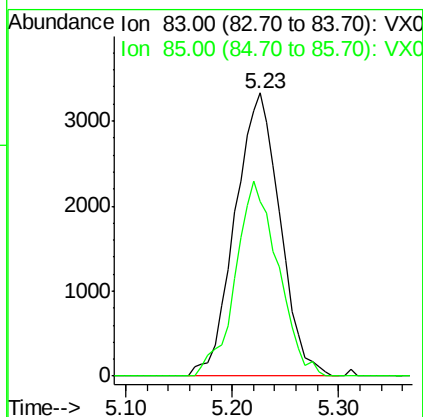
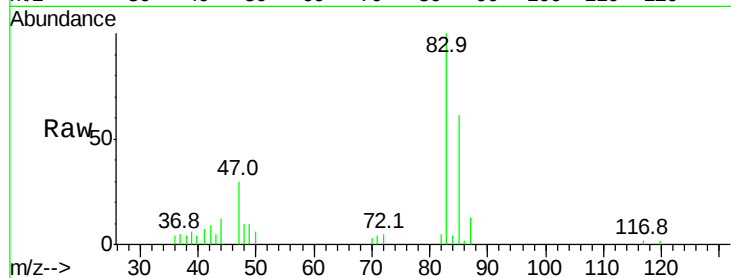




#25
Chloroform
Concen: 2.702 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

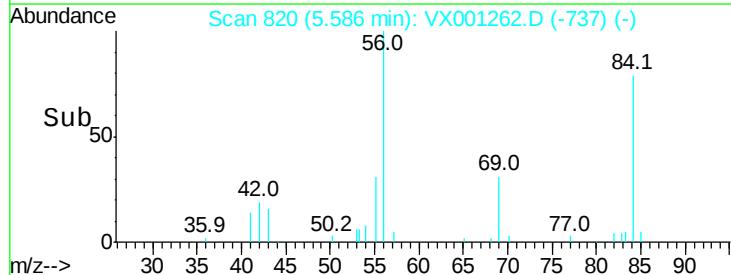
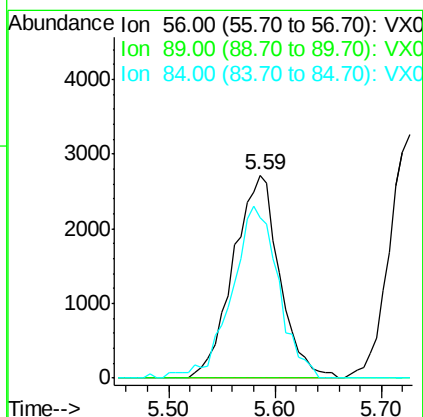
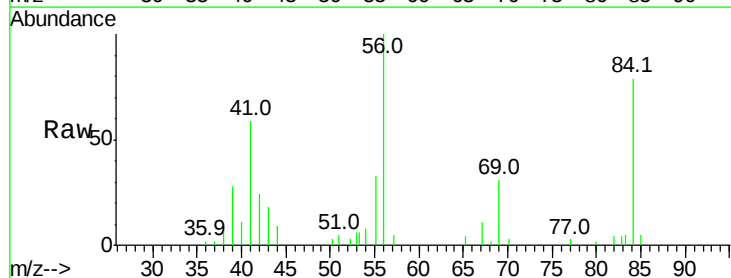
Instrument :
MSVOA_X
ClientSampleId :

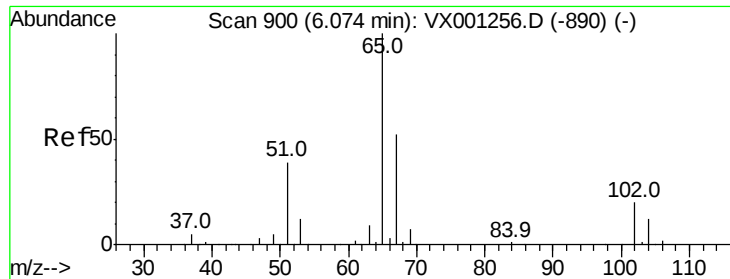
Tot Ion: 83 Resp: 9845
Ion Ratio Lower Upper
83 100
85 61.5 52.5 78.7



#26
Cyclohexane
Concen: 2.709 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 56 Resp: 8243
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.9 74.8 112.2





#27

1,2-Dichloroethane-d4

Concen: 31.005 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

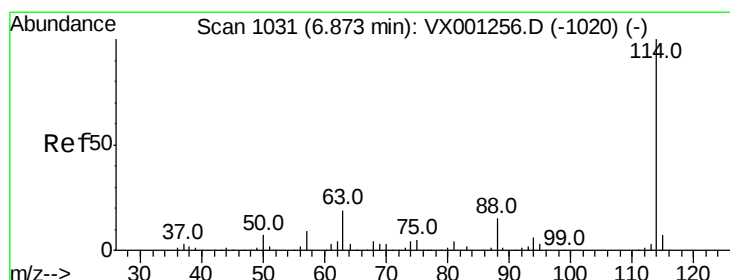
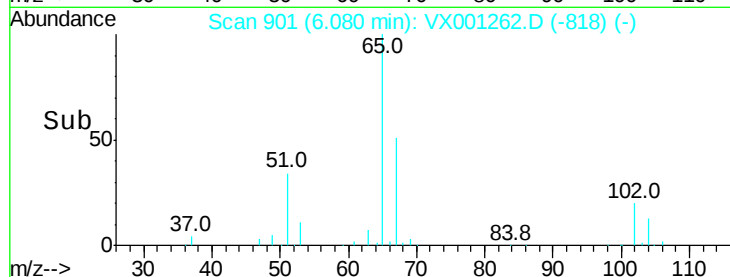
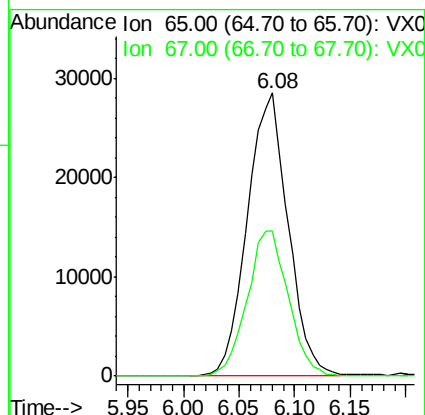
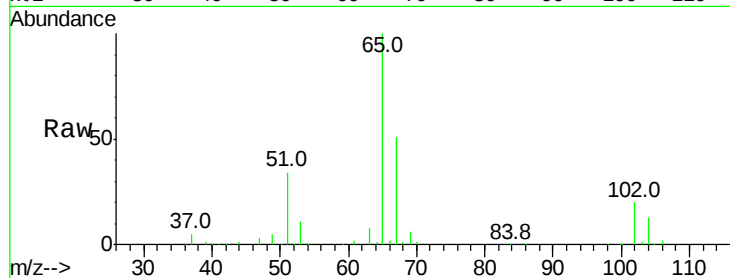
ClientSampleId :

Tot Ion: 65 Resp: 72799

Ion Ratio Lower Upper

65 100

67 51.8 41.4 62.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

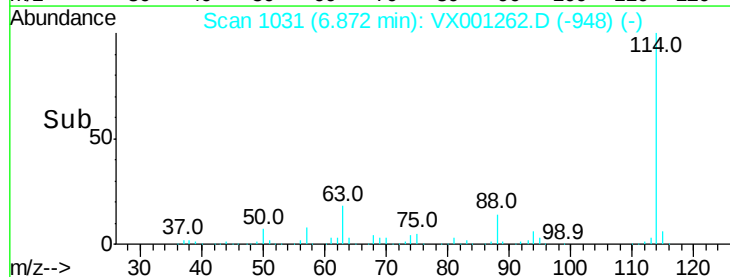
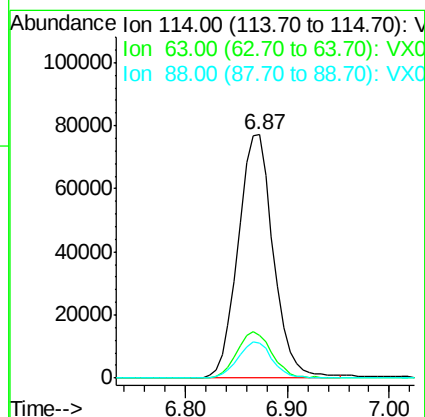
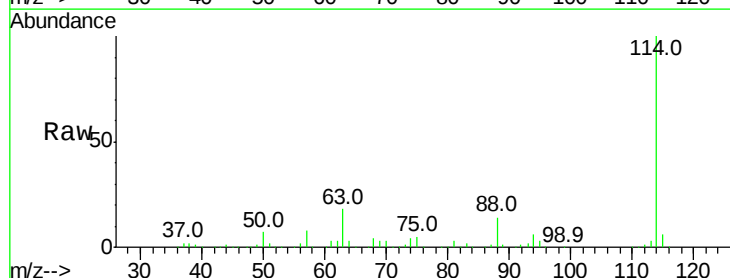
Tgt Ion: 114 Resp: 185326

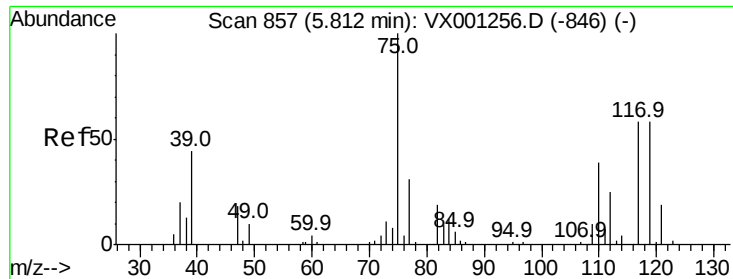
Ion Ratio Lower Upper

114 100

63 18.8 15.0 22.4

88 14.6 11.8 17.8

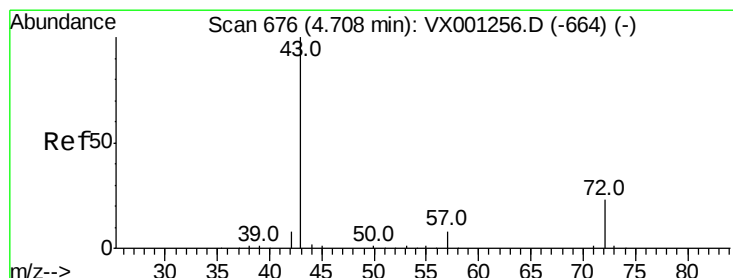
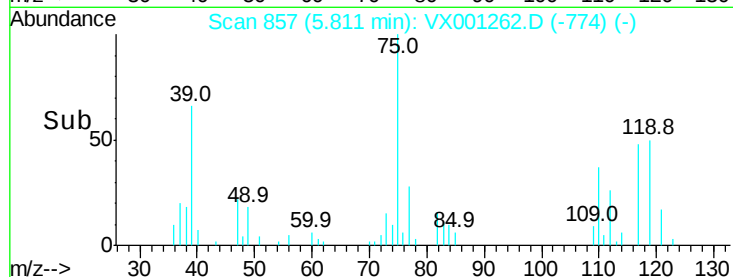
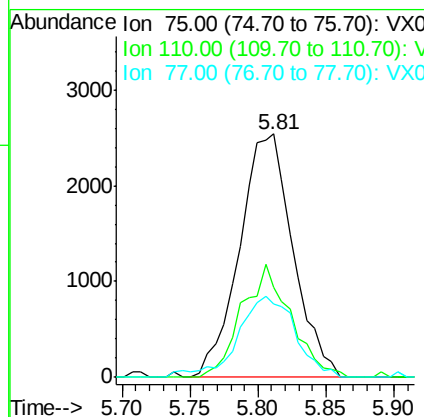
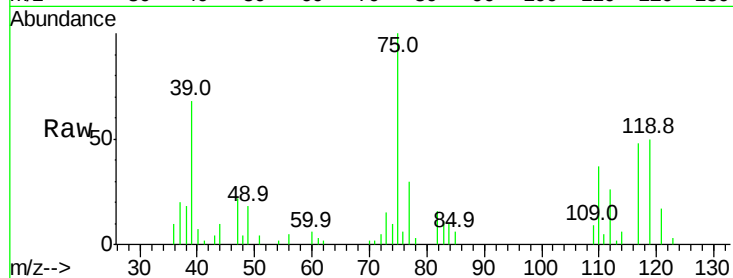




#29
 1,1-Dichloropropene
 Concen: 2.544 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

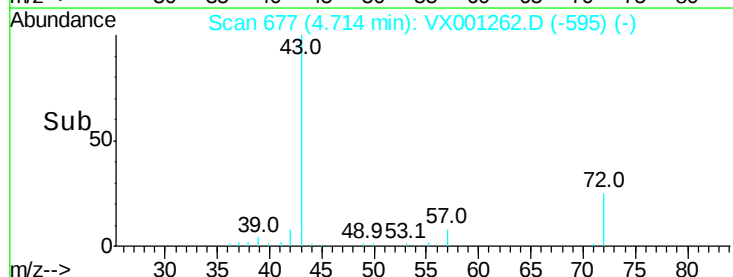
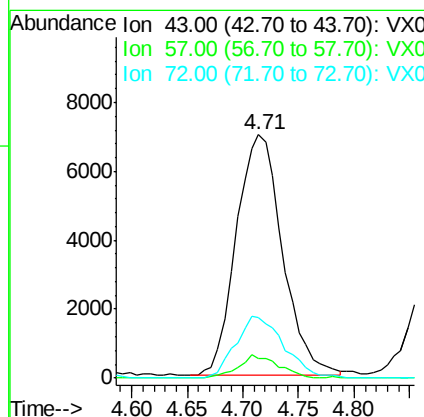
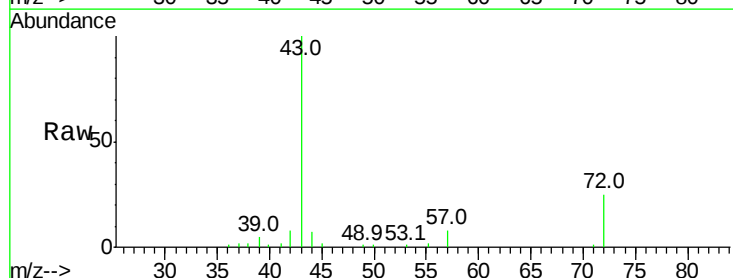
Instrument :
 MSVOA_X
 ClientSampleId :

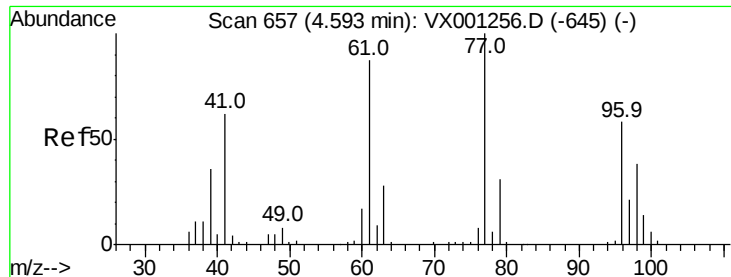
Tot Ion: 75 Resp: 6986
 Ion Ratio Lower Upper
 75 100
 110 29.6 0.0 75.6
 77 34.6 0.0 62.6



#30
 2-Butanone
 Concen: 14.395 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Tgt Ion: 43 Resp: 20254
 Ion Ratio Lower Upper
 43 100
 57 8.3 6.6 10.0
 72 26.4 21.8 32.6





#31

2,2-Dichloropropane

Concen: 2.327 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

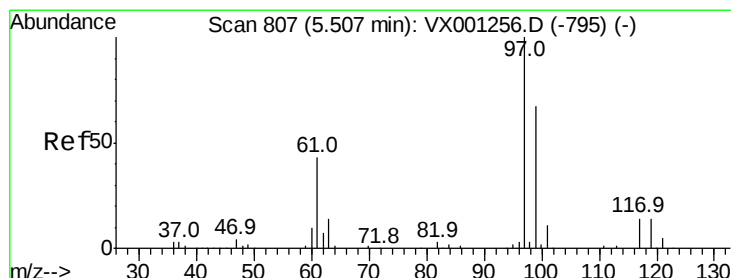
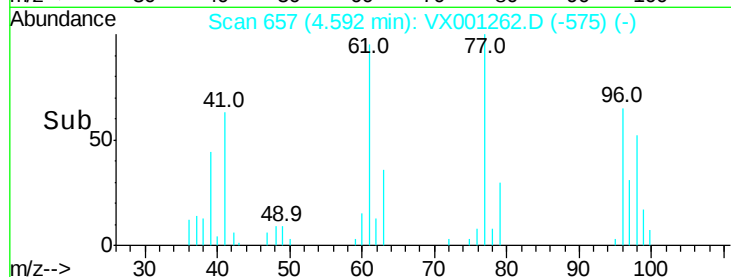
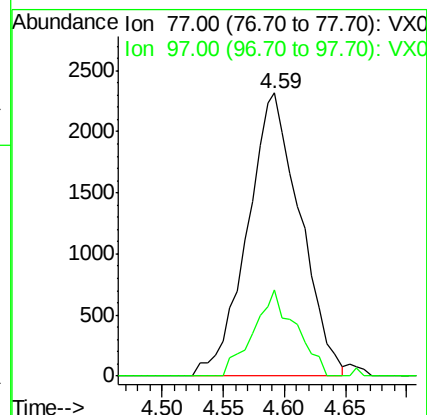
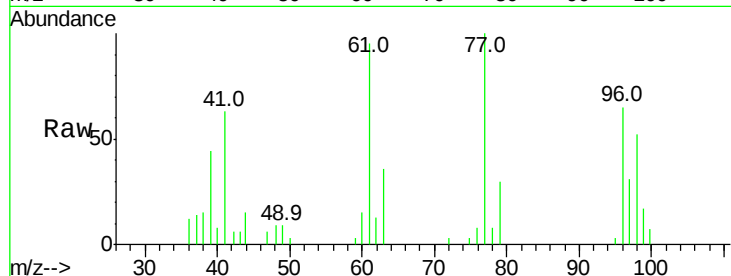
ClientSampled :

Tot Ion: 77 Resp: 6975

Ion Ratio Lower Upper

77 100

97 24.4 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 2.498 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

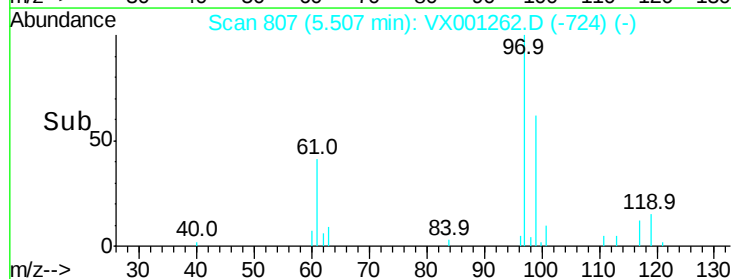
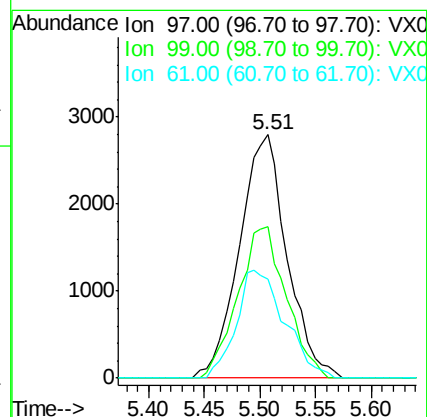
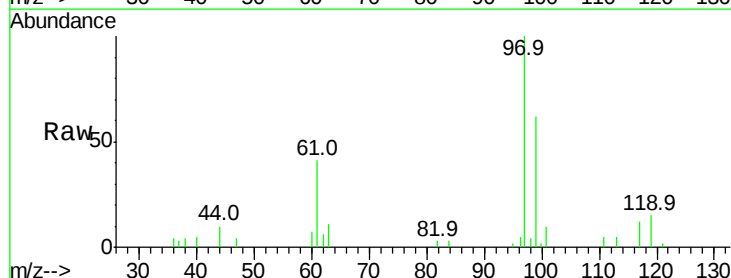
Tgt Ion: 97 Resp: 8300

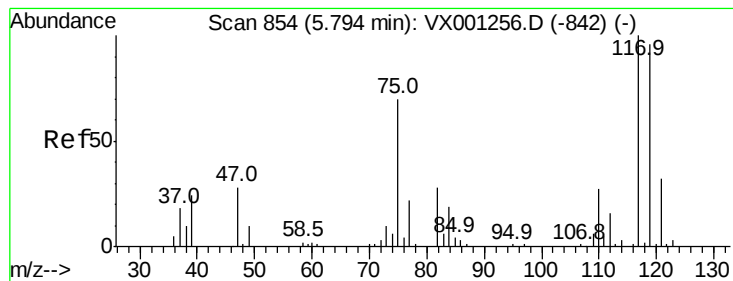
Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

61 45.0 34.3 51.5





#33

Carbon Tetrachloride

Concen: 2.223 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

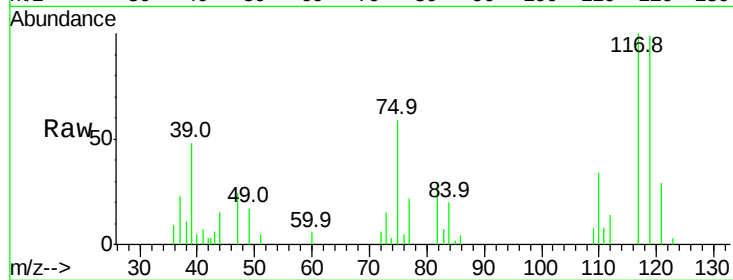
Tot Ion:117 Resp: 6657

Ion Ratio Lower Upper

117 100

119 99.0 73.5 110.3

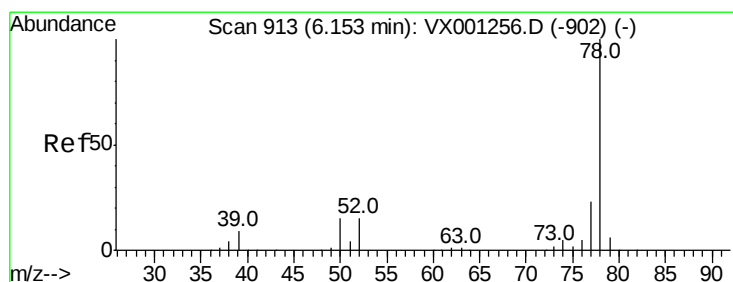
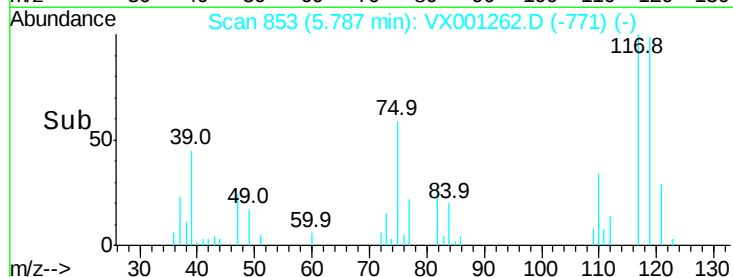
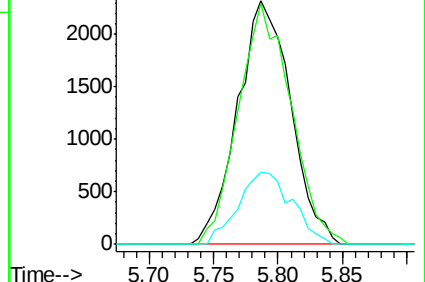
121 29.3 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 2.714 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

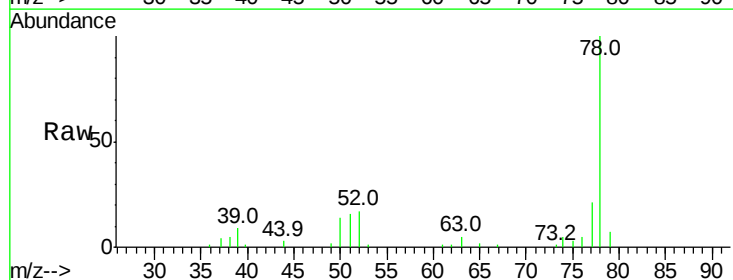
Tgt Ion: 78 Resp: 22079

Ion Ratio Lower Upper

78 100

77 20.6 21.7 32.5#

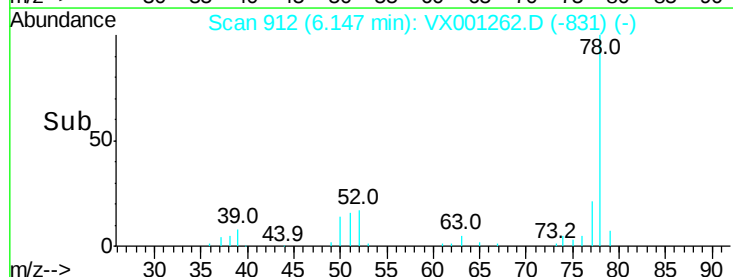
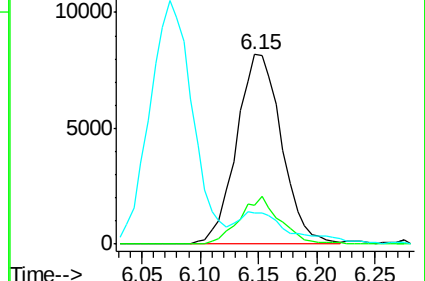
51 13.5 14.9 22.3#

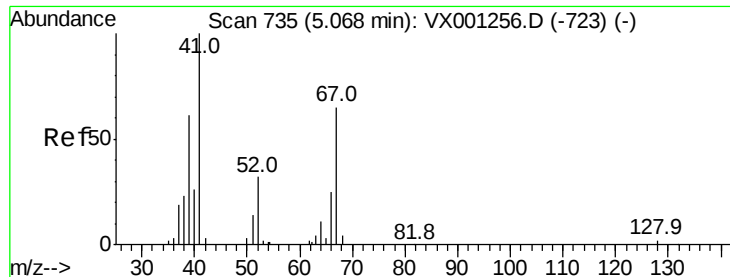


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

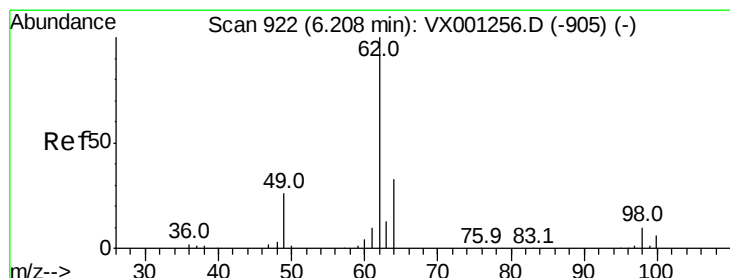
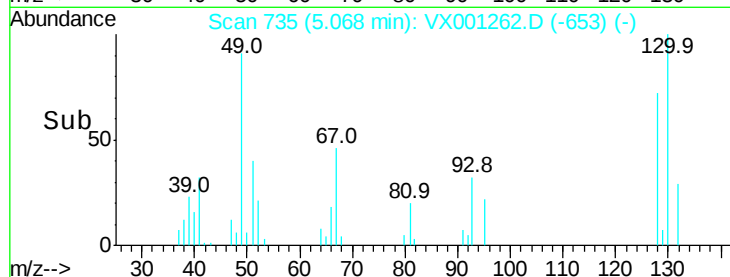
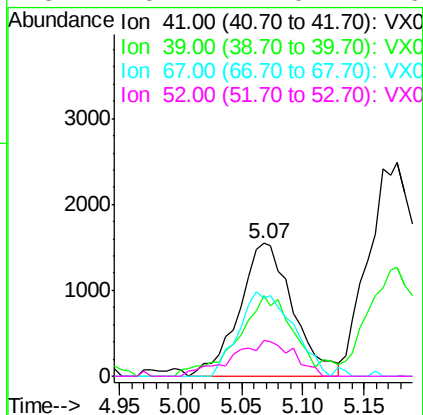
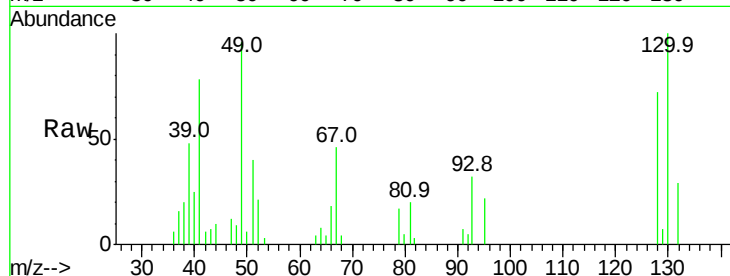




#35
Methacrylonitrile
Concen: 3.031 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

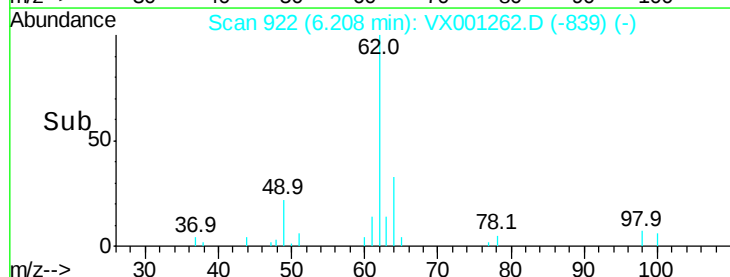
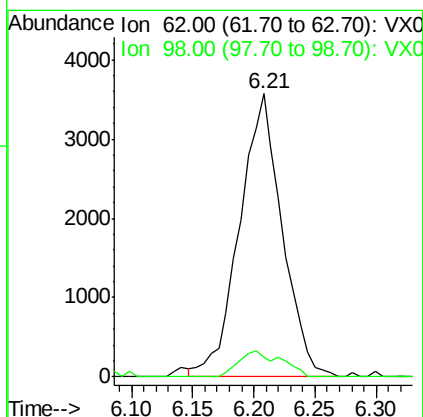
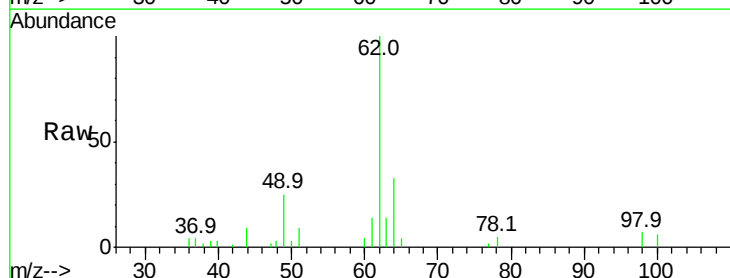
Instrument :
MSVOA_X
ClientSampled :

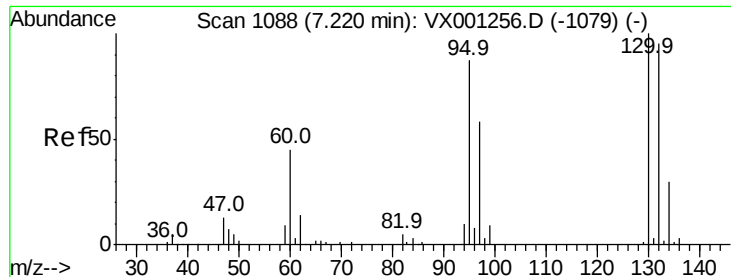
Tot Ion:	41	Resp:	4732
Ion	Ratio	Lower	Upper
41	100		
39	55.6	29.8	89.3
67	59.3	28.7	86.3
52	26.7	14.0	41.9



#36
1,2-Dichloroethane
Concen: 2.777 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion:	62	Resp:	8671
Ion	Ratio	Lower	Upper
62	100		
98	6.4	6.9	10.3#

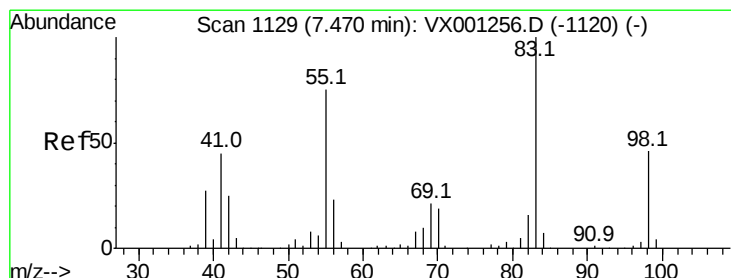
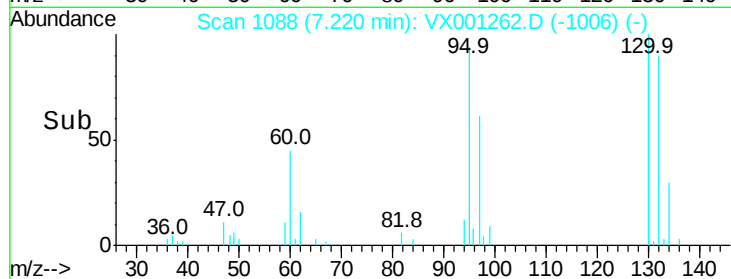
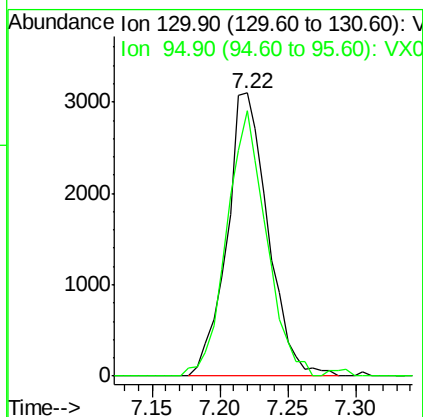
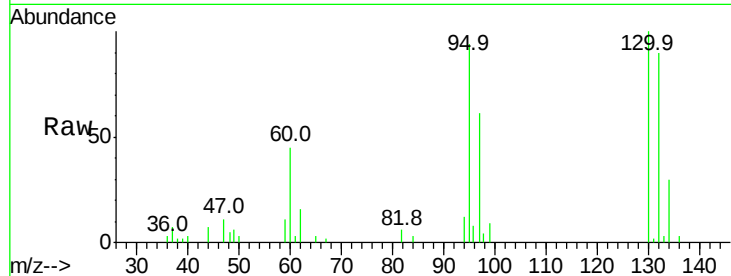




#37
 Trichloroethene
 Concen: 2.647 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

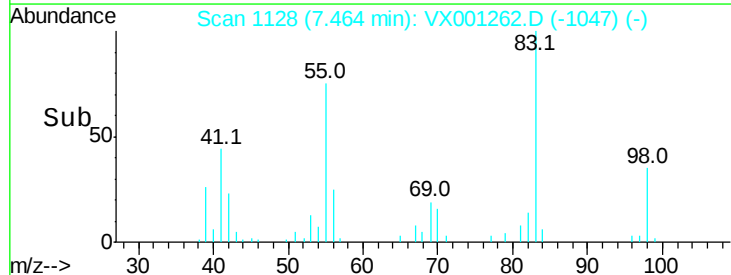
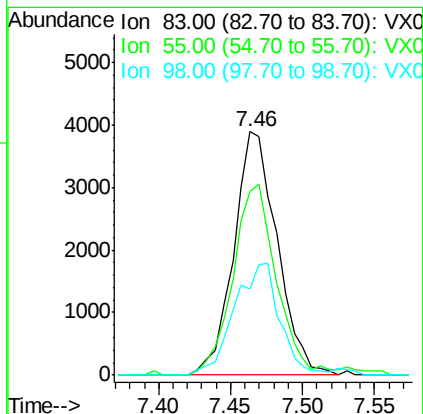
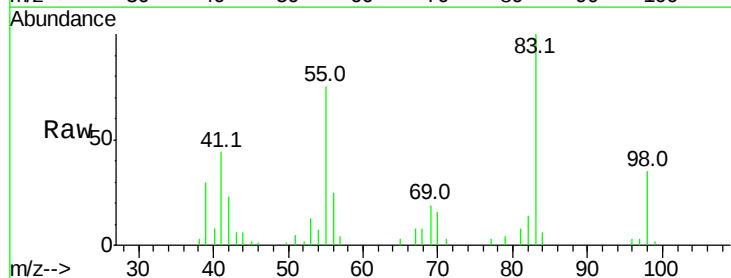
Instrument :
 MSVOA_X
 ClientSampleId :

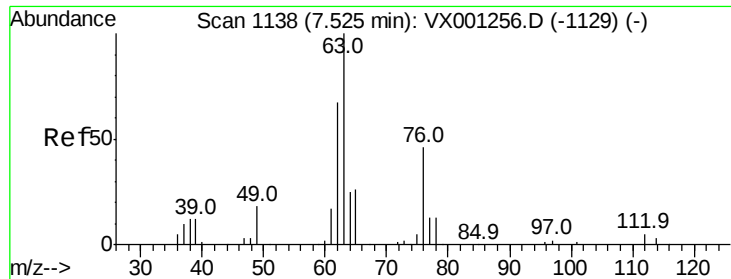
Tot Ion:130 Resp: 6531
 Ion Ratio Lower Upper
 130 100
 95 91.8 74.6 112.0



#38
 Methylcyclohexane
 Concen: 2.520 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Tgt Ion: 83 Resp: 8143
 Ion Ratio Lower Upper
 83 100
 55 77.5 35.9 107.7
 98 48.2 24.6 74.0

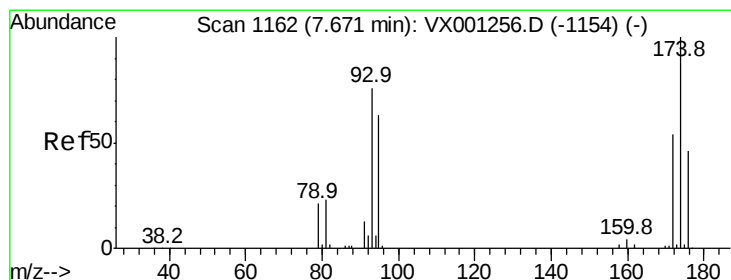
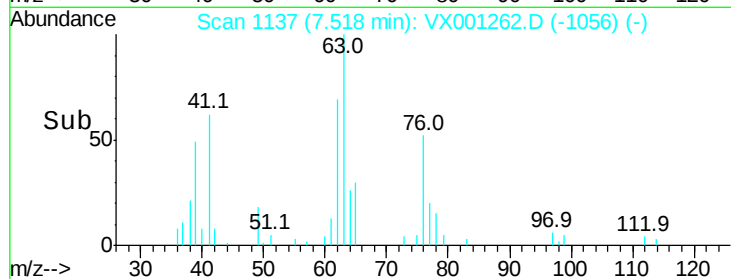
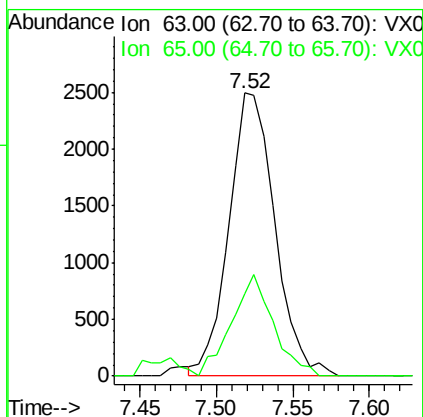
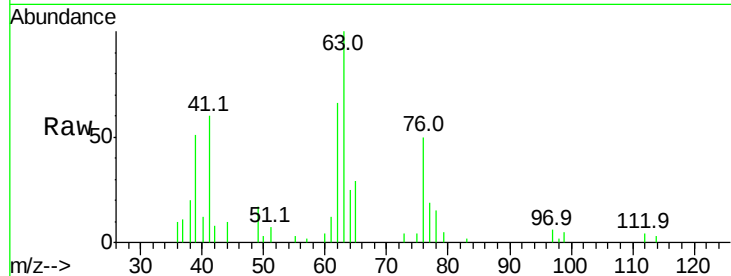




#39
 1,2-Dichloropropane
 Concen: 2.524 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

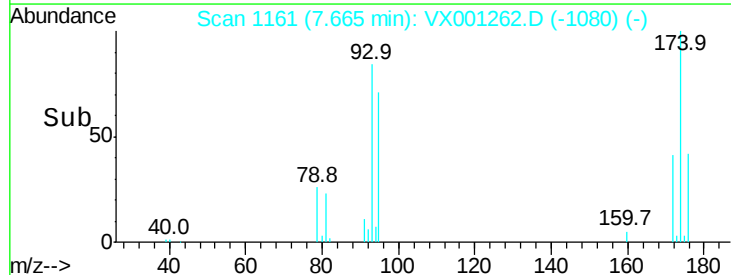
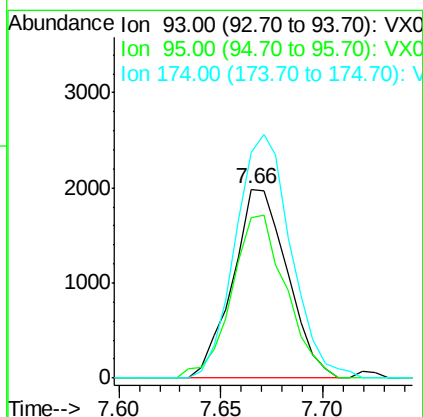
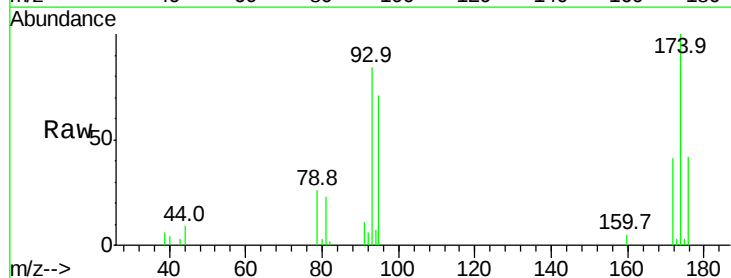
Instrument :
 MSVOA_X
 ClientSampleId :

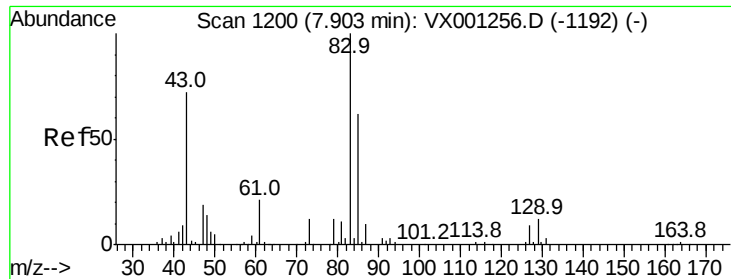
Tot Ion: 63 Resp: 5207
 Ion Ratio Lower Upper
 63 100
 65 28.9 25.0 37.6



#40
 Dibromomethane
 Concen: 2.548 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Tgt Ion: 93 Resp: 3698
 Ion Ratio Lower Upper
 93 100
 95 85.6 0.0 170.6
 174 130.9 0.0 210.4





#41

Bromodichloromethane

Concen: 2.241 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

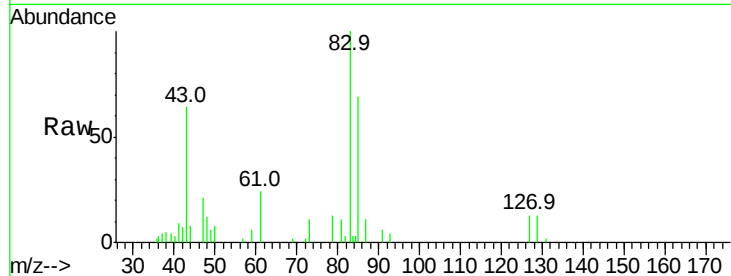
Tot Ion: 83 Resp: 6146

Ion Ratio Lower Upper

83 100

85 69.5 50.0 75.0

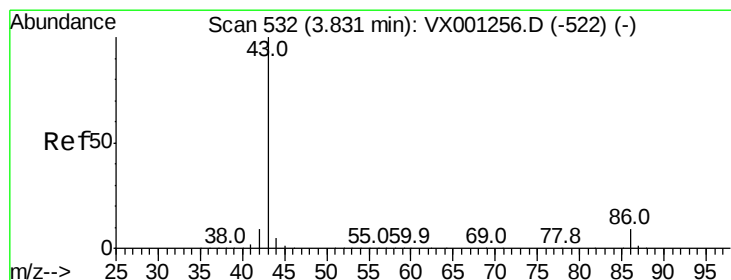
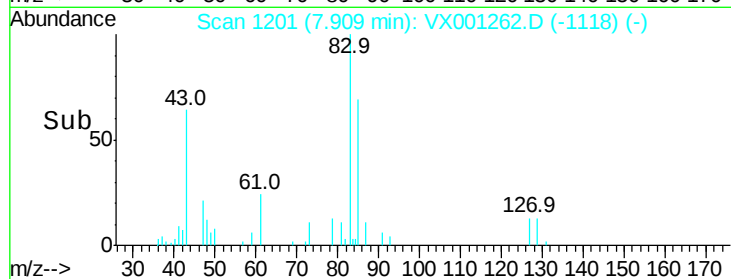
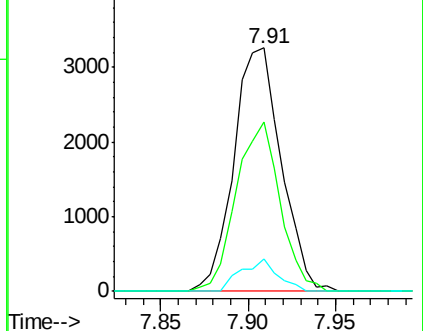
127 13.1 6.6 10.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 11.815 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001262.D

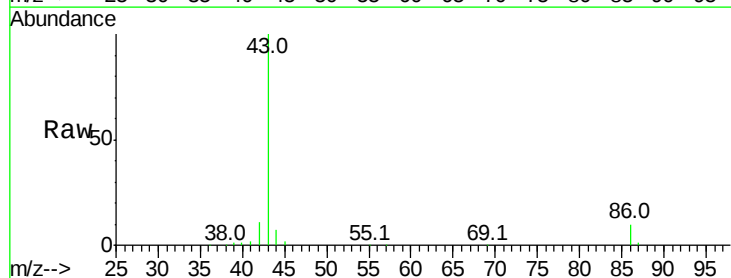
Acq: 30 Apr 2018 19:14

Tgt Ion: 43 Resp: 65393

Ion Ratio Lower Upper

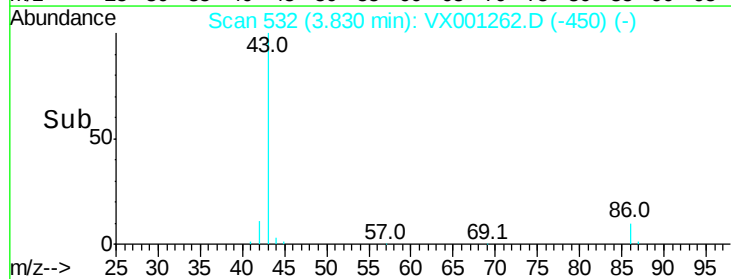
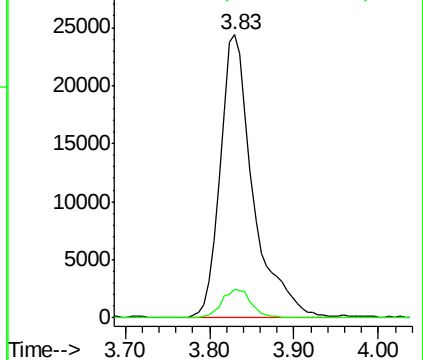
43 100

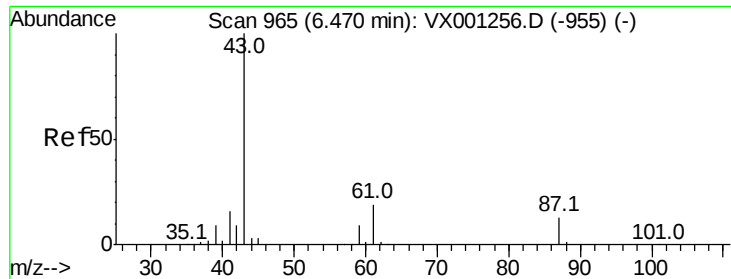
86 8.9 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#44

Isopropyl Acetate

Concen: 2.519 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

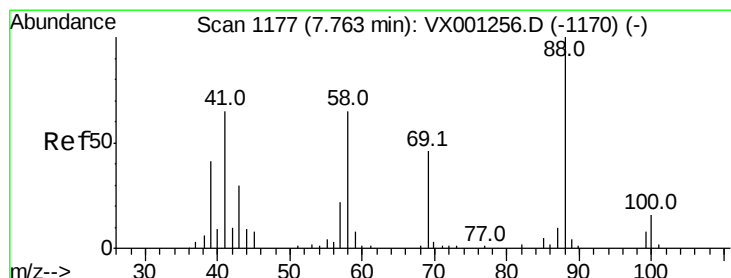
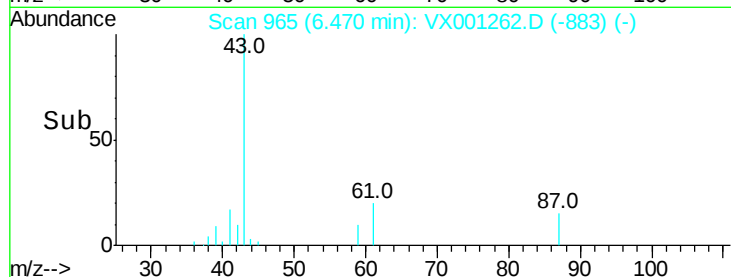
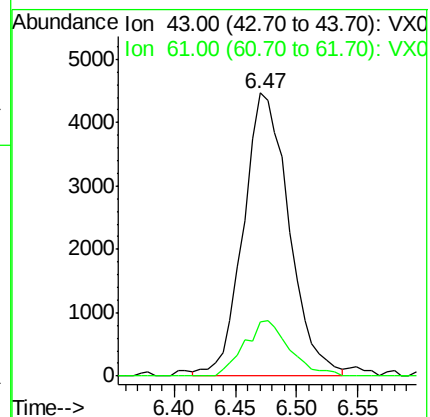
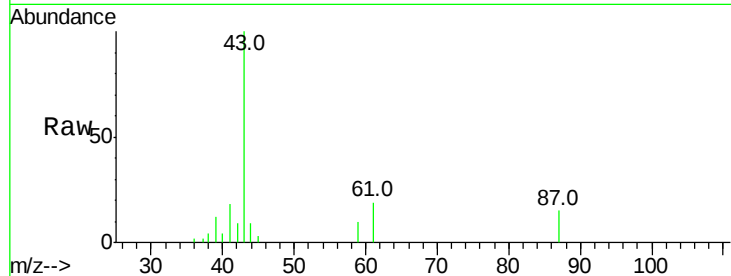
ClientSampleId :

Tot Ion: 43 Resp: 11614

Ion Ratio Lower Upper

43 100

61 19.0 15.7 23.5



#45

1,4-Dioxane

Concen: 59.083 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

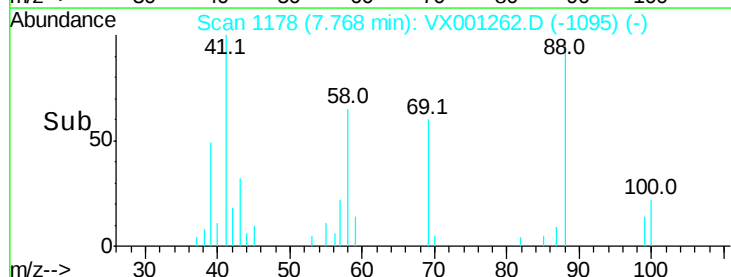
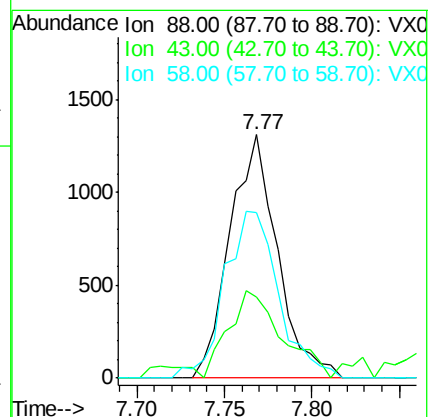
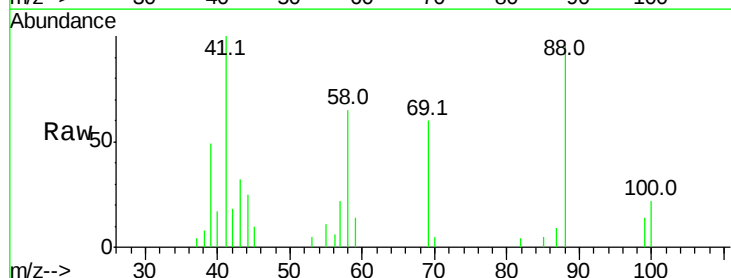
Tgt Ion: 88 Resp: 2476

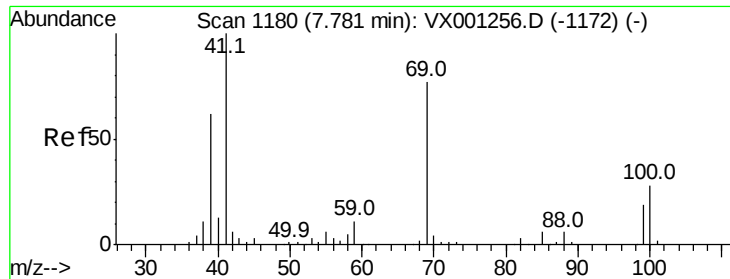
Ion Ratio Lower Upper

88 100

43 36.9 26.8 40.2

58 77.8 52.1 78.1

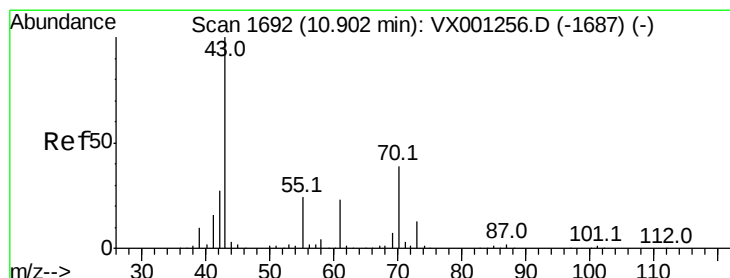
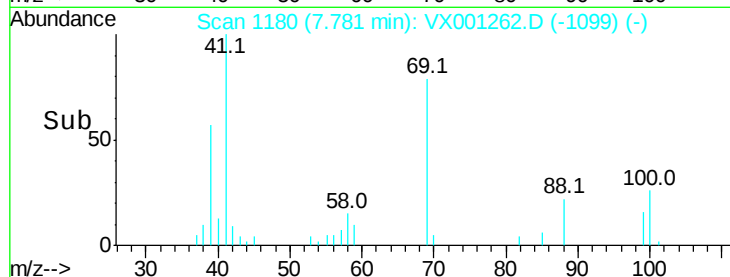
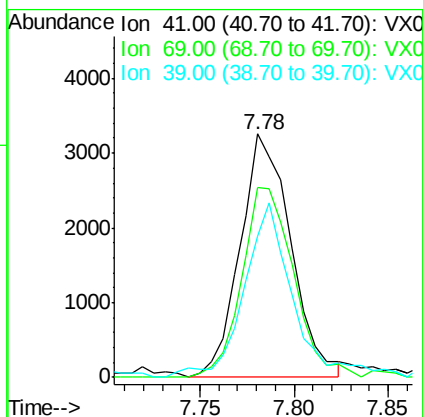
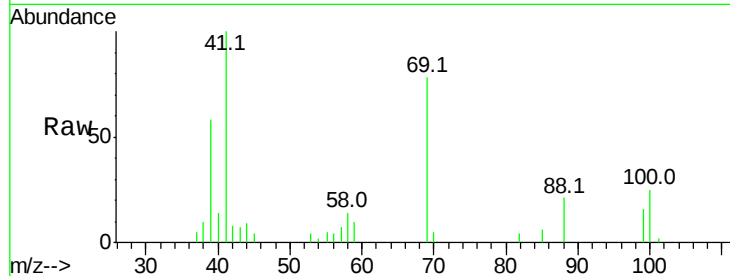




#46
Methyl methacrylate
Concen: 2.536 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

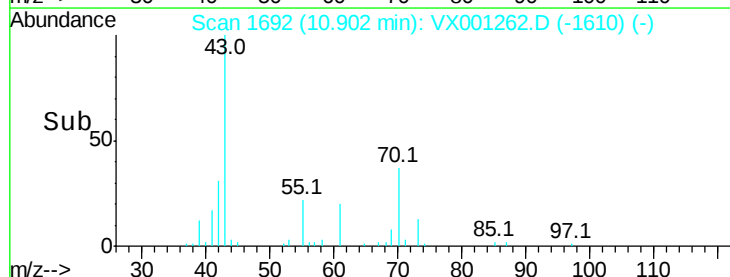
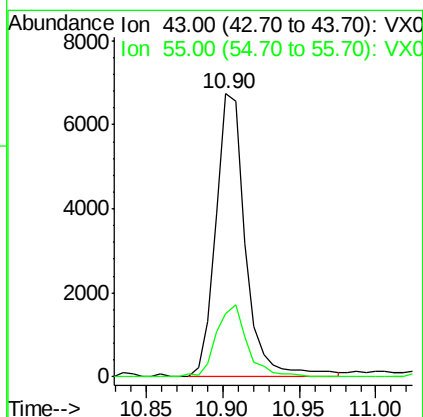
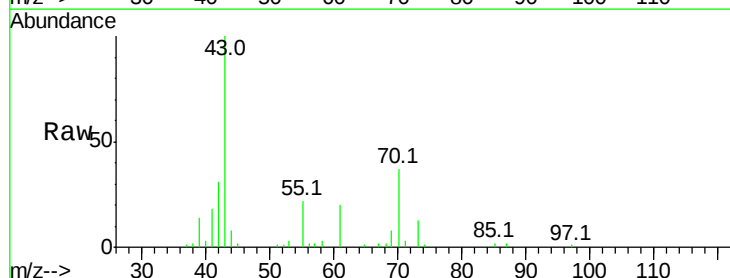
Instrument :
MSVOA_X
ClientSampled :

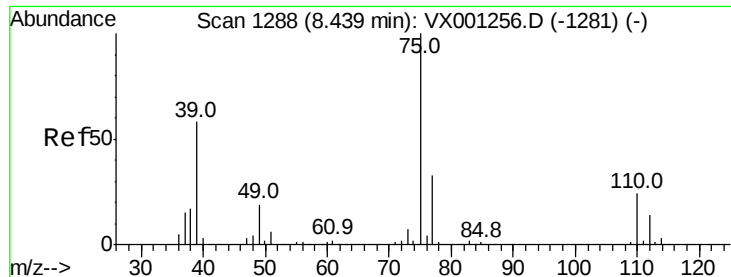
Tot Ion: 41 Resp: 6082
Ion Ratio Lower Upper
41 100
69 77.9 45.5 136.5
39 54.4 32.5 97.5



#47
n-ethyl Acetate
Concen: 2.063 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 43 Resp: 9126
Ion Ratio Lower Upper
43 100
55 26.0 19.4 29.2

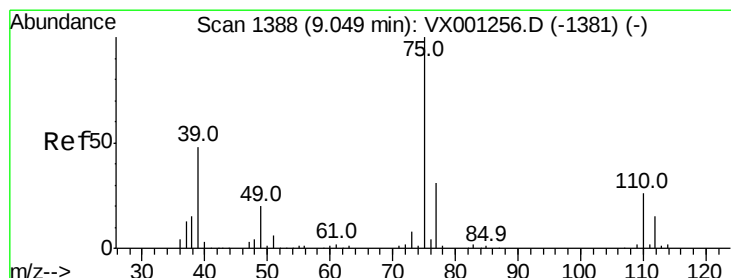
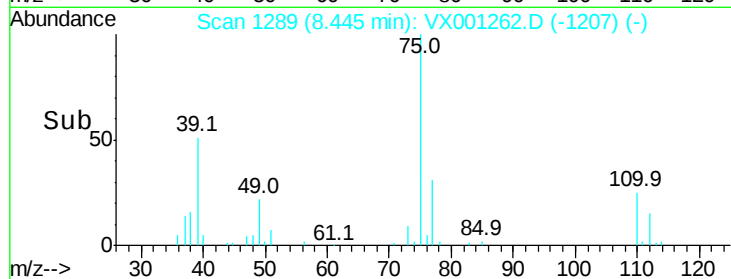
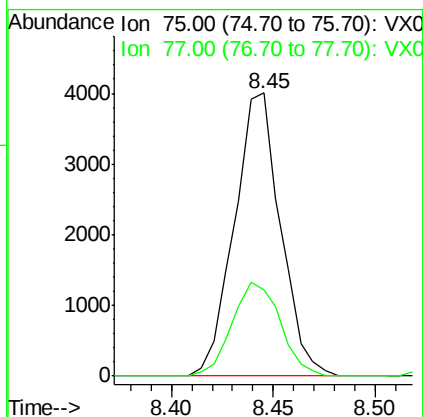
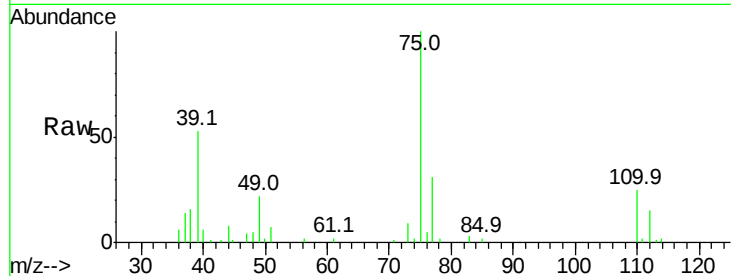




#48
 t-1,3-Dichloropropene
 Concen: 1.955 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

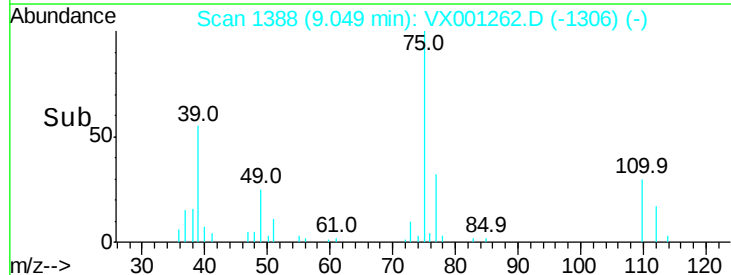
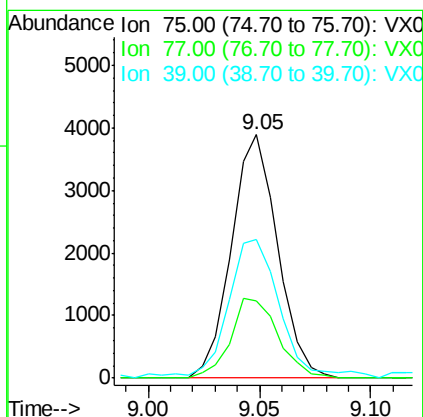
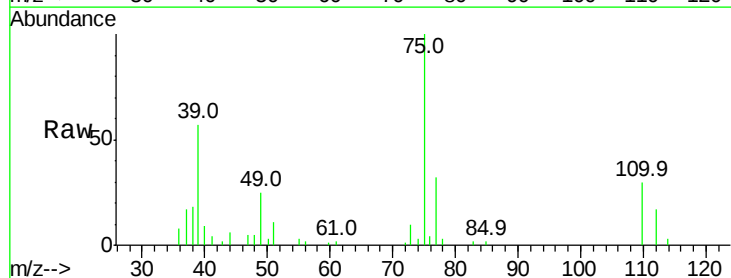
Instrument :
 MSVOA_X
 ClientSampleId :

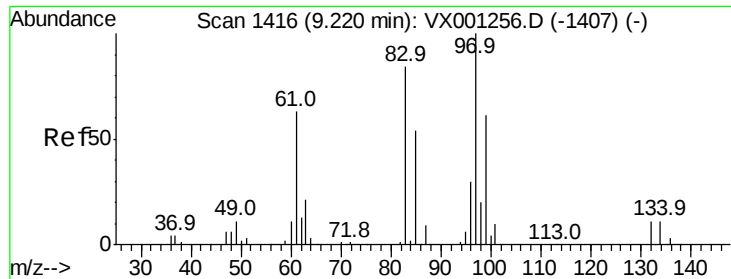
Tot Ion: 75 Resp: 6312
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0



#49
 cis-1,3-Dichloropropene
 Concen: 1.817 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Tgt Ion: 75 Resp: 5619
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7
 39 55.3 35.6 53.4#

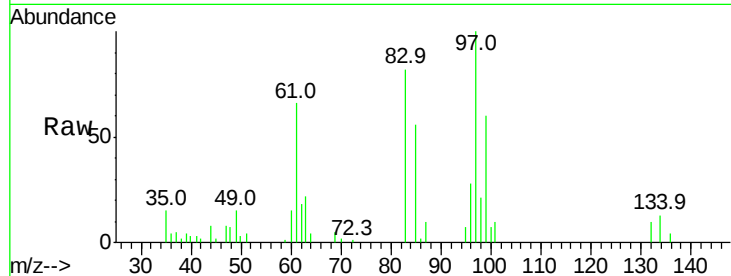




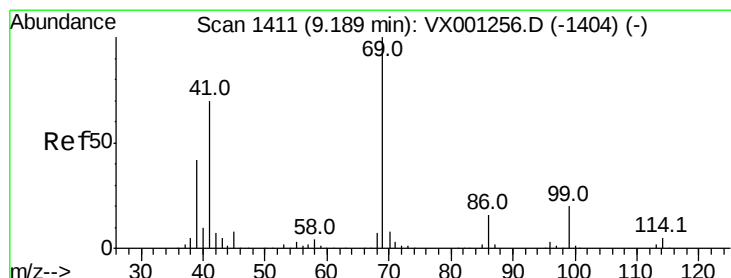
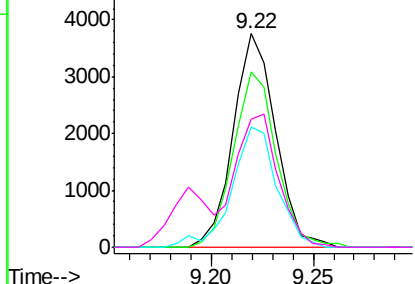
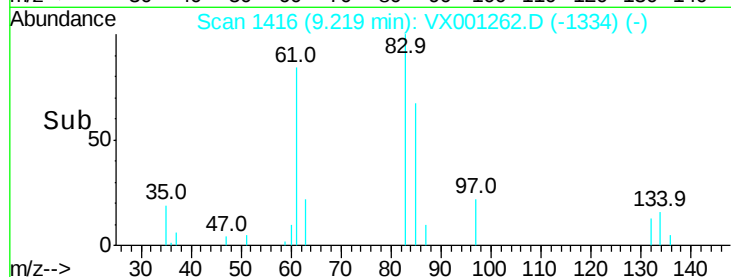
#50
 1,1,2-Trichloroethane
 Concen: 2.512 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	5416
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.9	100.3
85	56.1	44.4	66.6
99	60.1	50.0	75.0

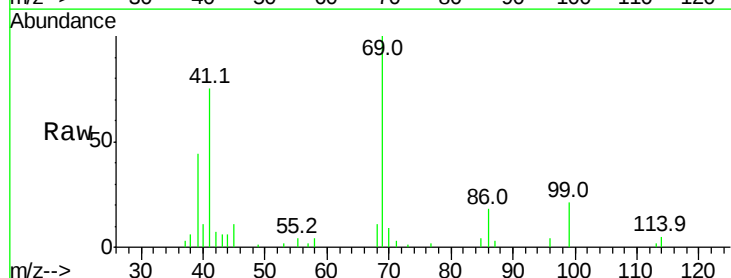


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

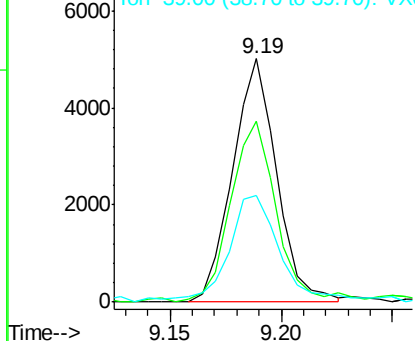
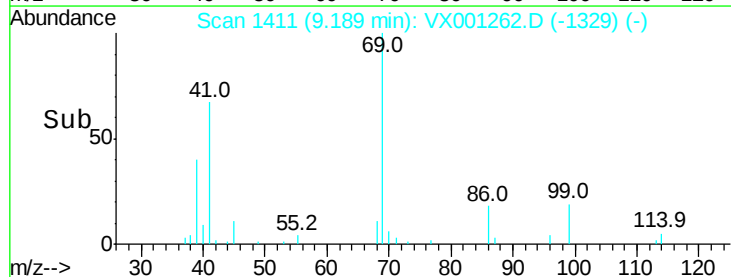


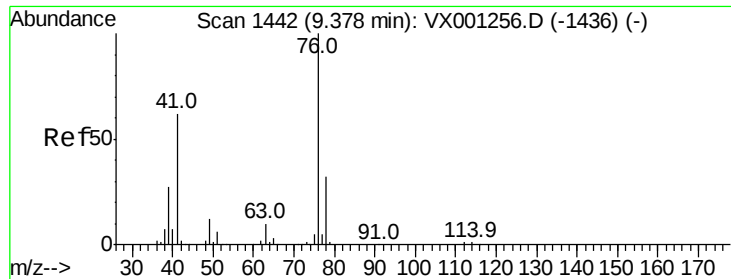
#51
 Ethyl methacrylate
 Concen: 2.250 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Tgt Ion:	69	Resp:	6911
Ion	Ratio	Lower	Upper
69	100		
41	73.2	32.1	96.3
39	41.6	19.6	58.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 2.620 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

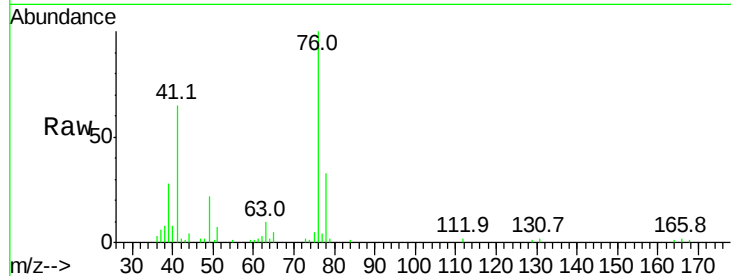
ClientSampleId :

Tot Ion: 76 Resp: 9130

Ion Ratio Lower Upper

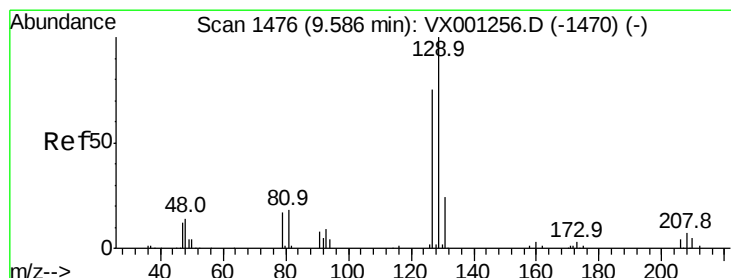
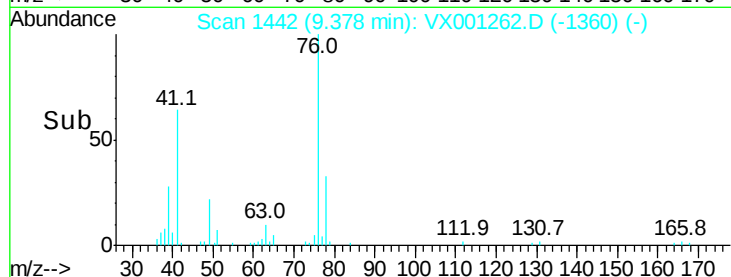
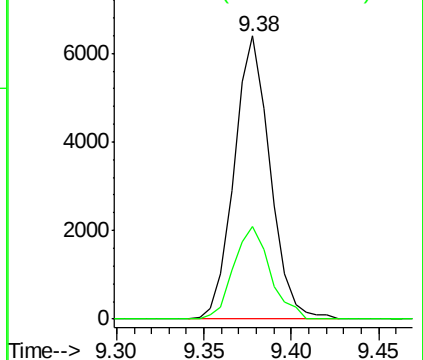
76 100

78 33.3 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



#53

Dibromochloromethane

Concen: 1.907 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001262.D

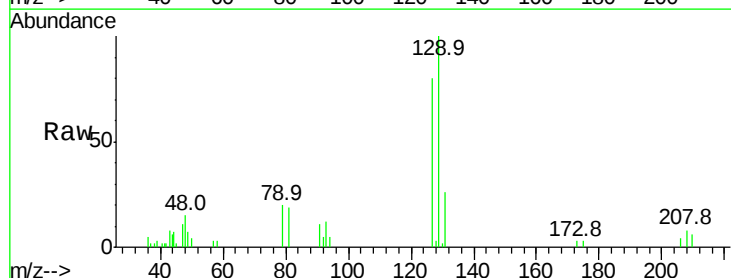
Acq: 30 Apr 2018 19:14

Tgt Ion: 129 Resp: 4538

Ion Ratio Lower Upper

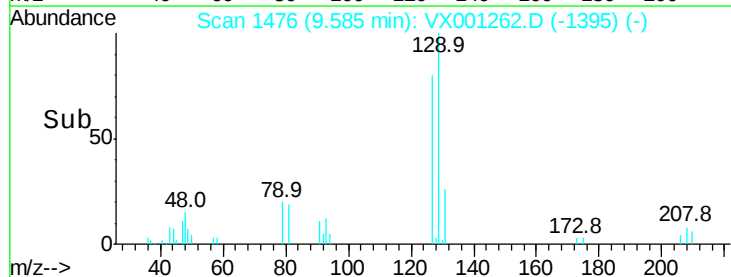
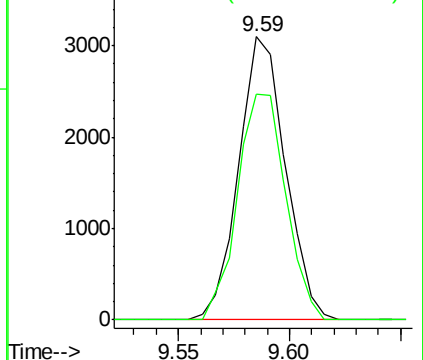
129 100

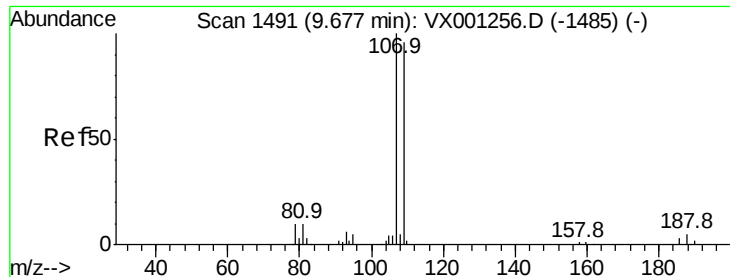
127 82.4 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54

1,2-Dibromoethane

Concen: 2.402 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

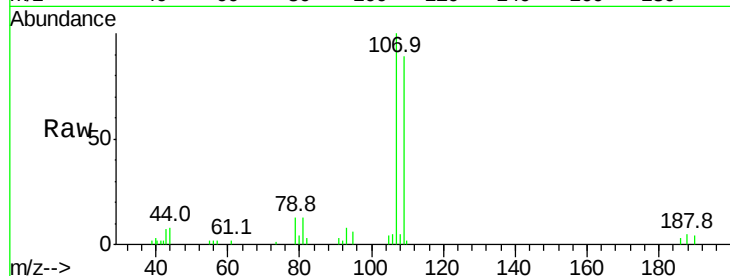
ClientSampleId :

Tot Ion:107 Resp: 5541

Ion Ratio Lower Upper

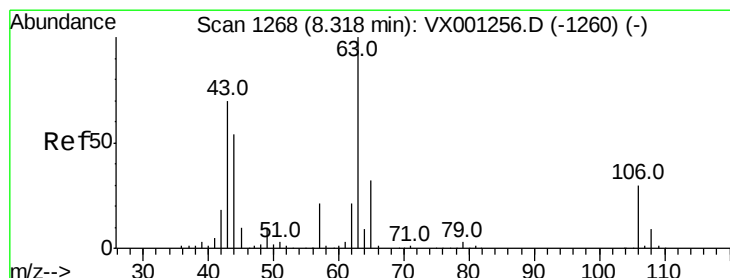
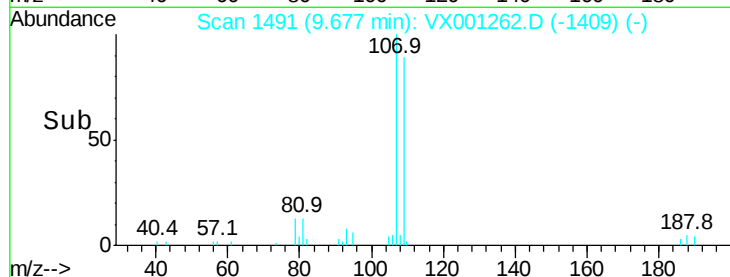
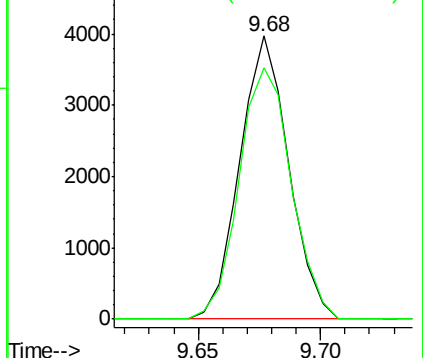
107 100

109 94.5 74.5 111.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 10.829 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

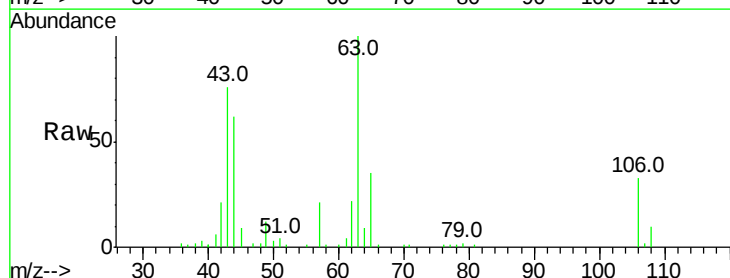
Tgt Ion: 63 Resp: 16294

Ion Ratio Lower Upper

63 100

65 33.6 25.8 38.8

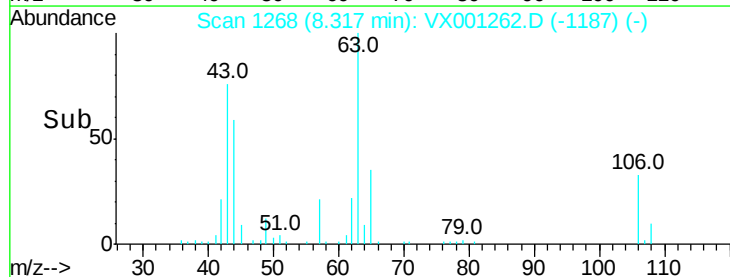
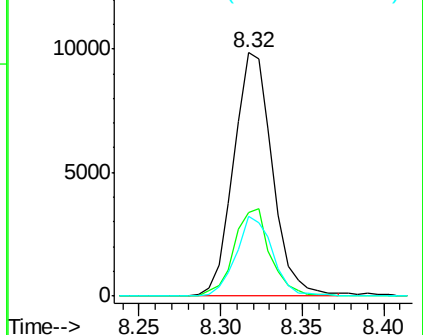
106 30.6 23.8 35.6

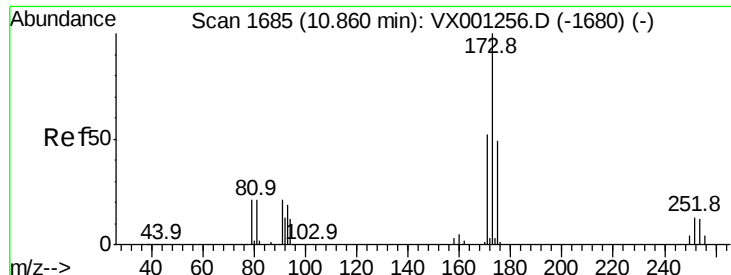


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V





#56

Bromoform

Concen: 1.772 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

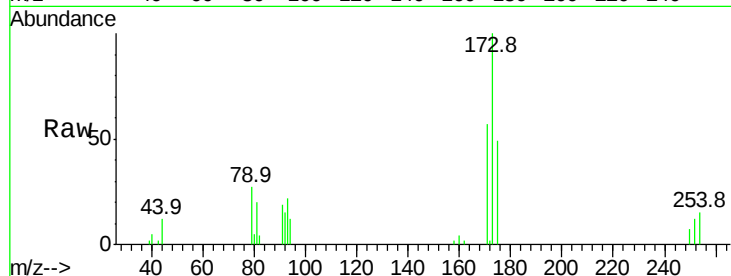
Tot Ion:173 Resp: 3451

Ion Ratio Lower Upper

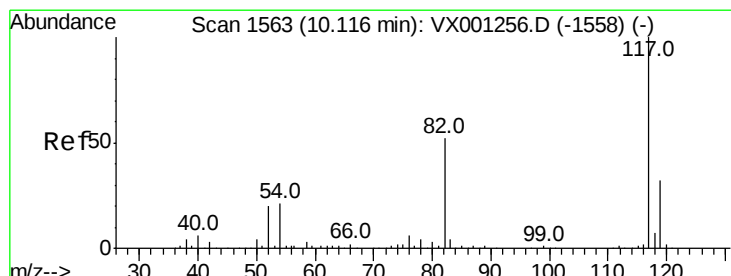
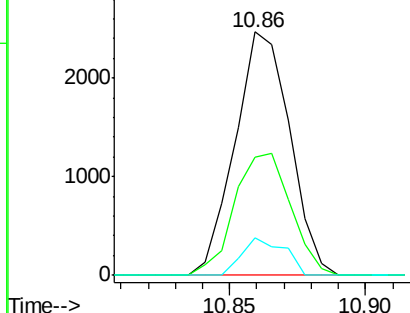
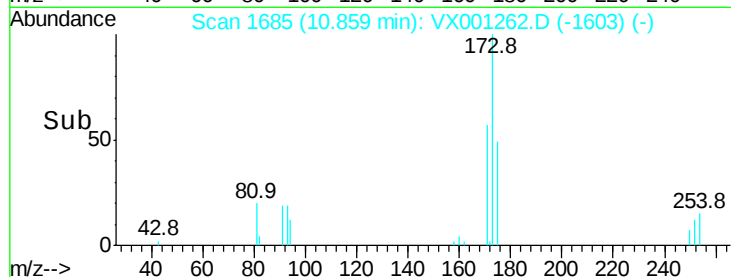
173 100

175 51.6 39.0 58.4

254 11.9 7.0 10.4#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

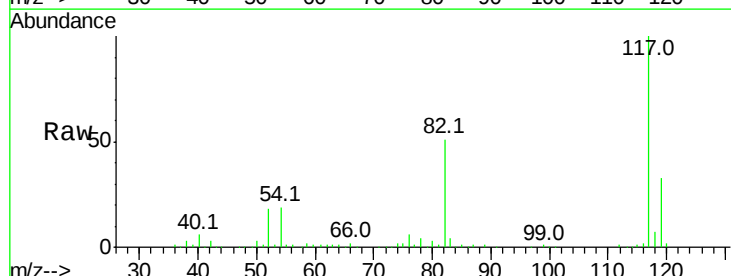
Tgt Ion:117 Resp: 167373

Ion Ratio Lower Upper

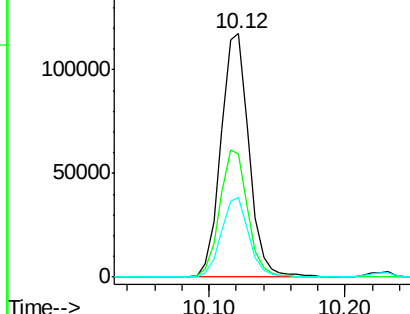
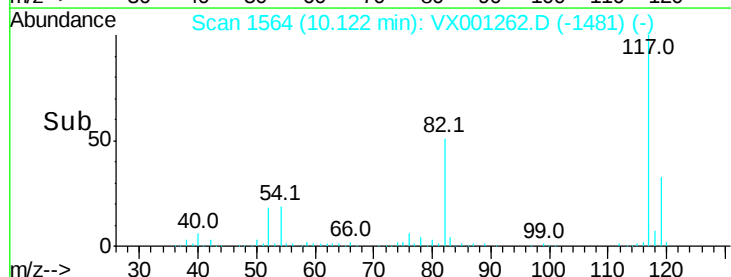
117 100

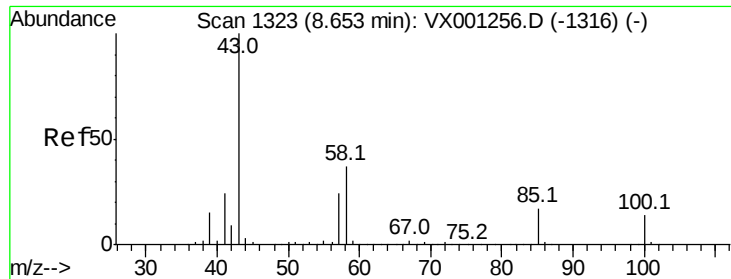
82 52.4 43.0 64.4

119 32.3 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

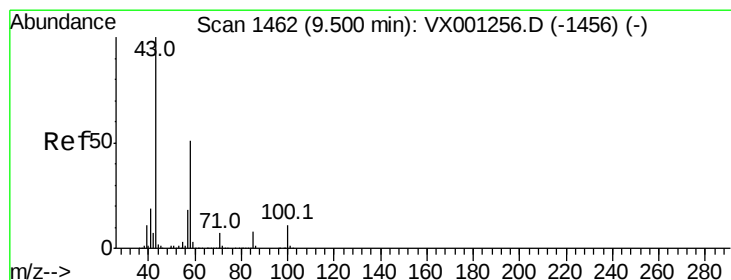
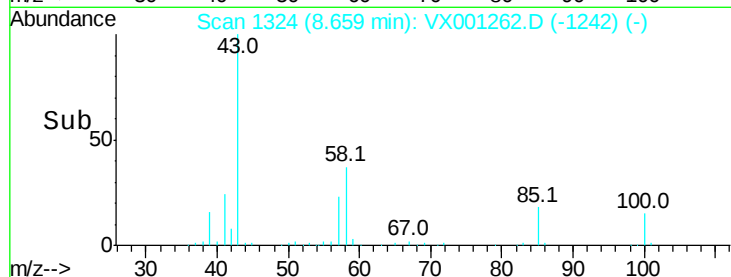
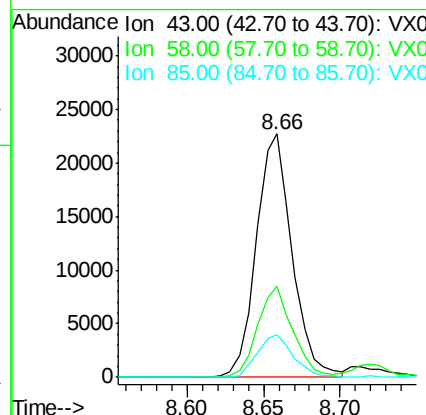
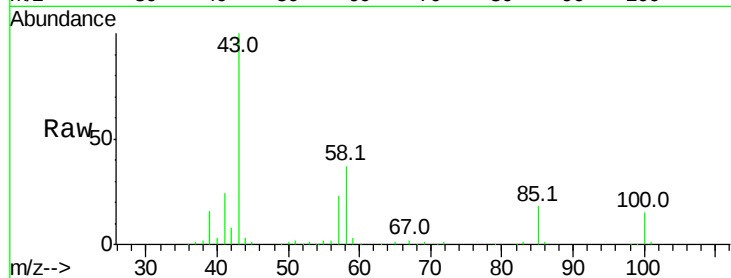




#58
 4-Methyl-2-Pentanone
 Concen: 13.334 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

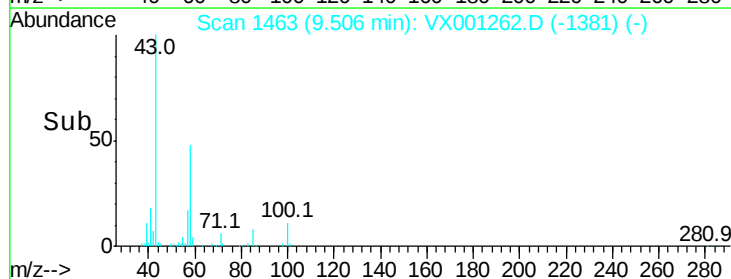
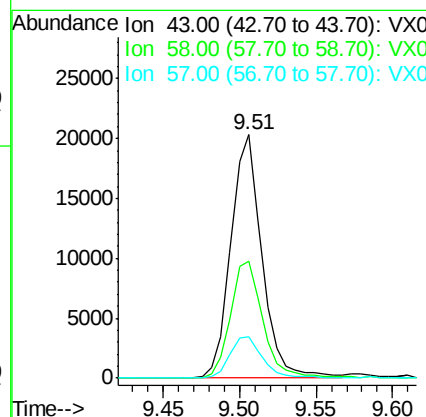
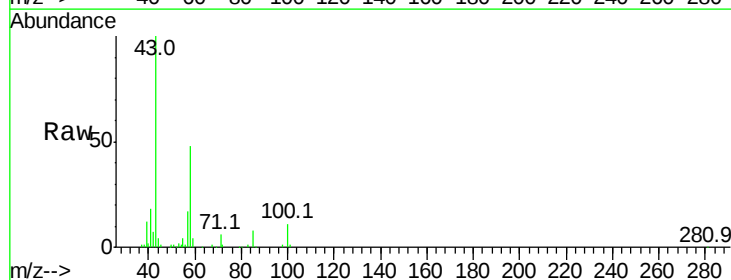
Instrument :
 MSVOA_X
 ClientSampleId :

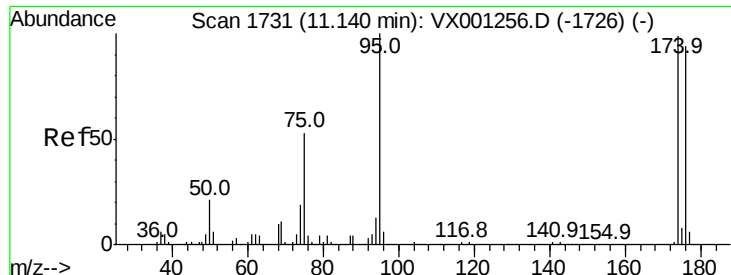
Tot Ion: 43 Resp: 37040
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.8 44.8
 85 17.6 14.9 22.3



#59
 2-Hexanone
 Concen: 13.126 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Tgt Ion: 43 Resp: 28409
 Ion Ratio Lower Upper
 43 100
 58 50.6 43.0 64.6
 57 17.9 14.4 21.6

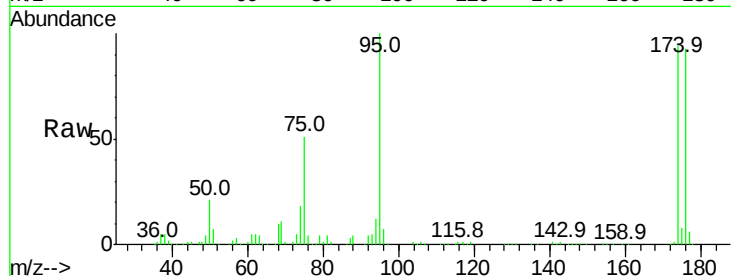




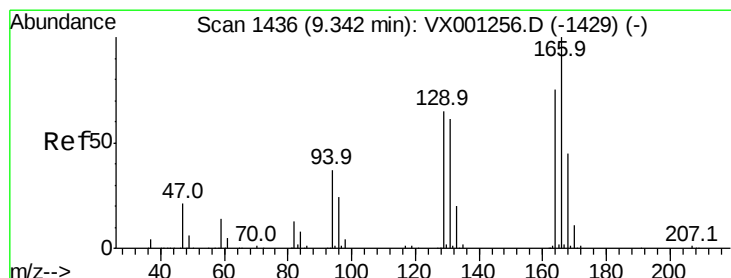
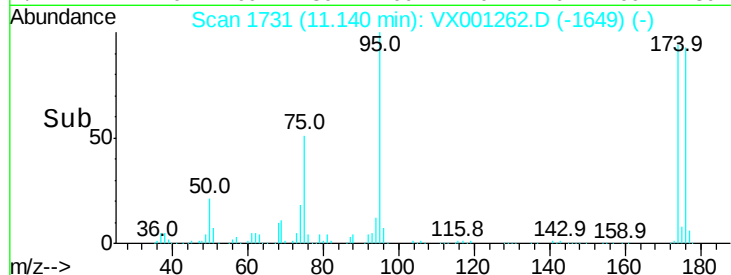
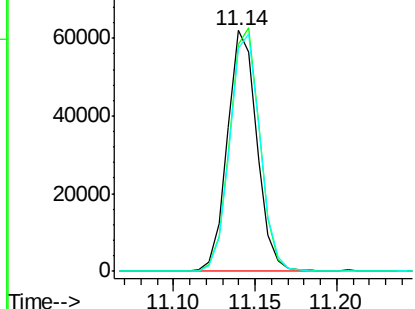
#60
4-Bromofluorobenzene
Concen: 27.801 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 77958
Ion Ratio Lower Upper
95 100
174 102.7 71.1 106.7
176 100.7 69.3 103.9



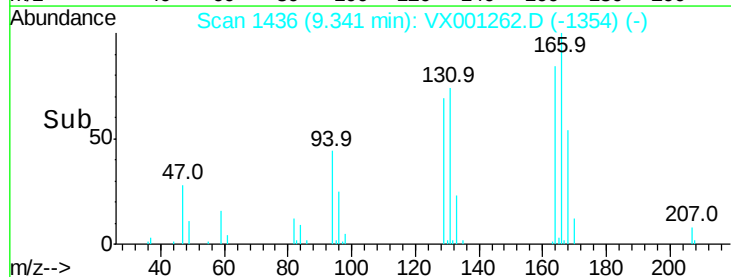
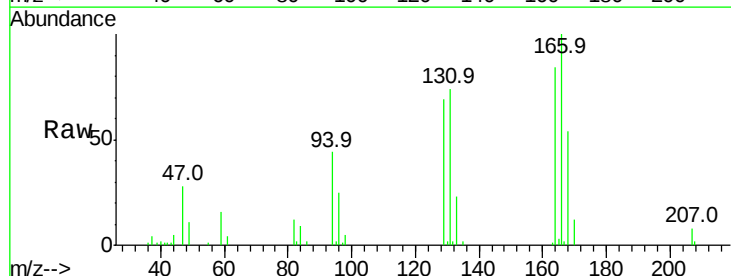
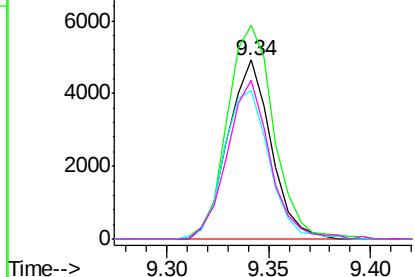
Abundance Ion 95.00 (94.70 to 95.70): VX001256.D (-1726) (-)
Ion 174.00 (173.70 to 174.70): VX001256.D (-1726) (-)
Ion 176.00 (175.70 to 176.70): VX001256.D (-1726) (-)

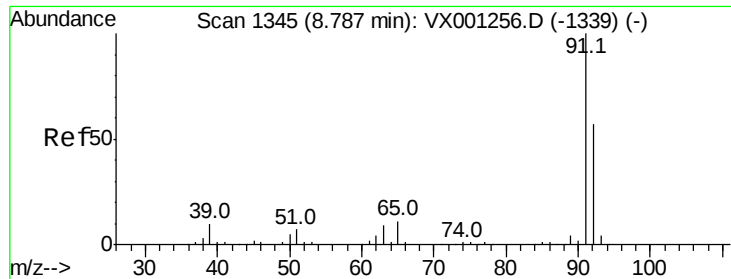


#61
Tetrachloroethene
Concen: 2.823 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 164 Resp: 7240
Ion Ratio Lower Upper
164 100
166 118.2 99.0 148.4
129 81.6 77.0 115.6
131 88.7 75.8 113.6

Abundance Ion 163.85 (163.55 to 164.55): VX001256.D (-1429) (-)
Ion 165.80 (165.50 to 166.50): VX001256.D (-1429) (-)
Ion 128.90 (128.60 to 129.60): VX001256.D (-1429) (-)
Ion 130.90 (130.60 to 131.60): VX001256.D (-1429) (-)





#62

Toluene

Concen: 2.660 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

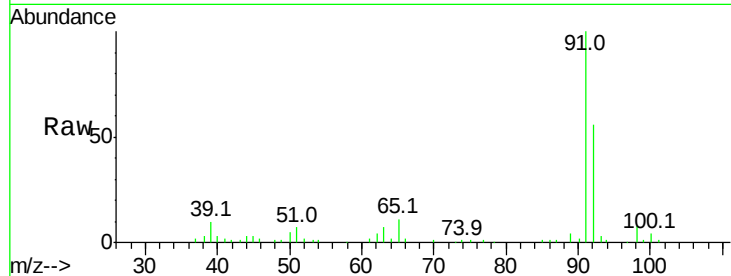
ClientSampleId :

Tot Ion: 91 Resp: 23924

Ion Ratio Lower Upper

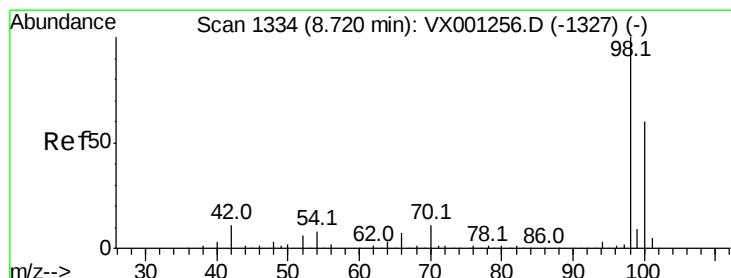
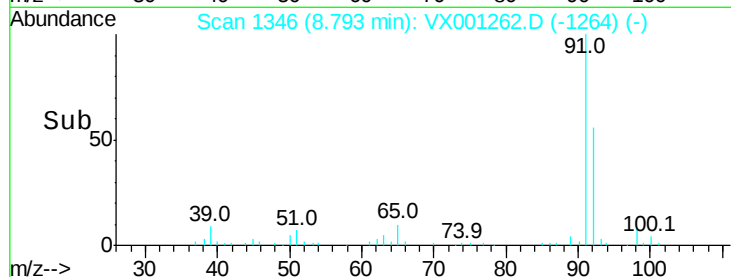
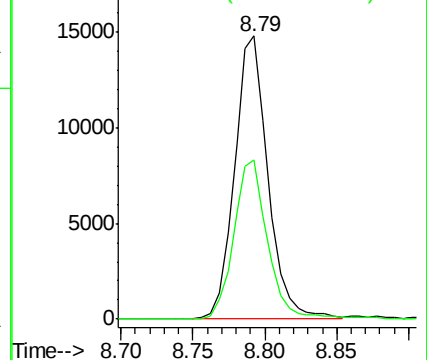
91 100

92 56.6 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#63

Toluene-d8

Concen: 30.713 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001262.D

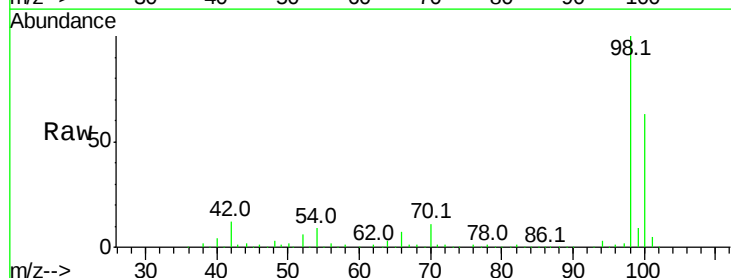
Acq: 30 Apr 2018 19:14

Tgt Ion: 98 Resp: 220448

Ion Ratio Lower Upper

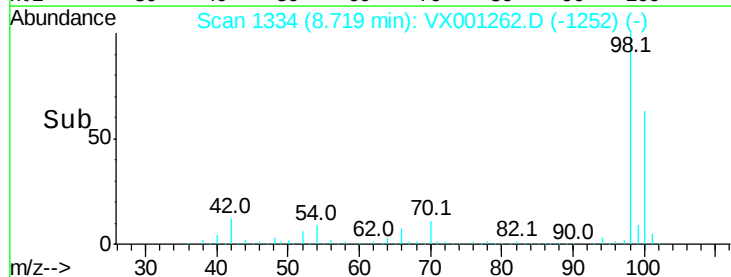
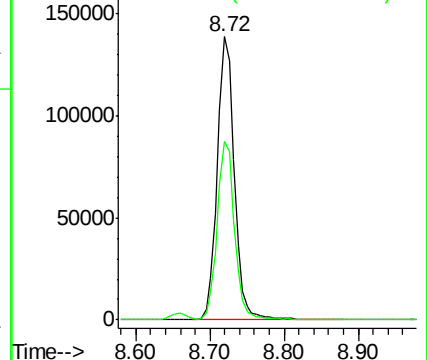
98 100

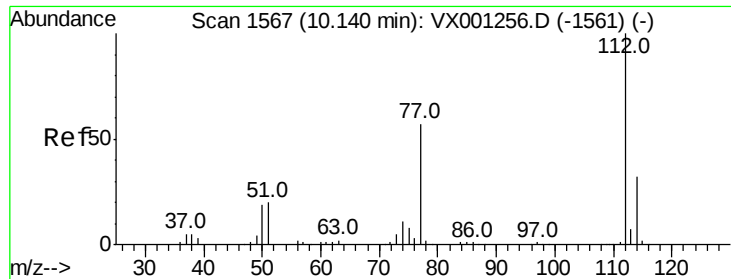
100 63.0 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#64

Chlorobenzene

Concen: 2.617 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

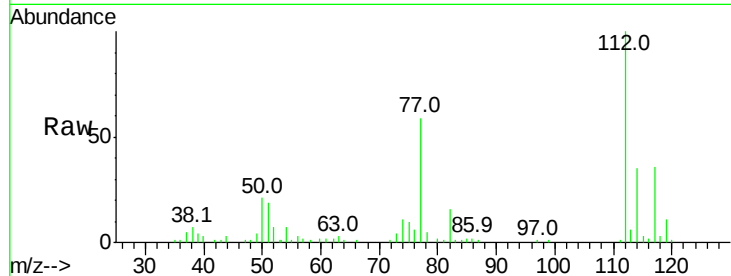
ClientSampled :

Tot Ion:112 Resp: 15883

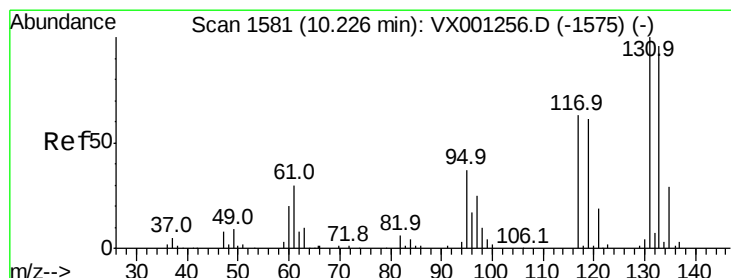
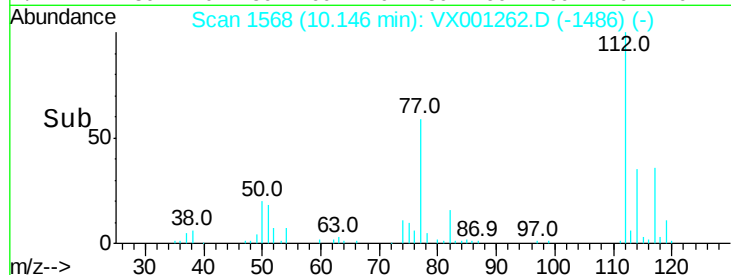
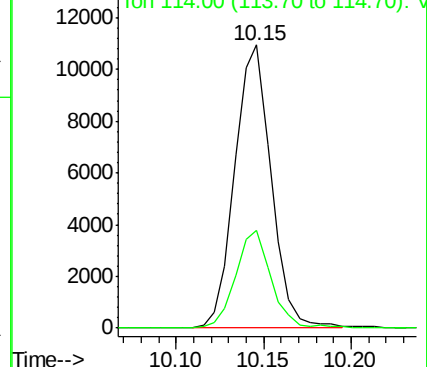
Ion Ratio Lower Upper

112 100

114 34.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 2.201 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

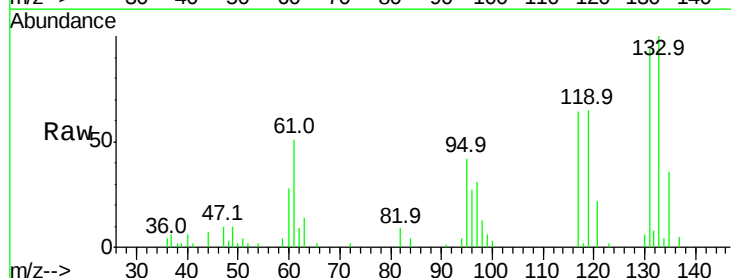
Tgt Ion:131 Resp: 4877

Ion Ratio Lower Upper

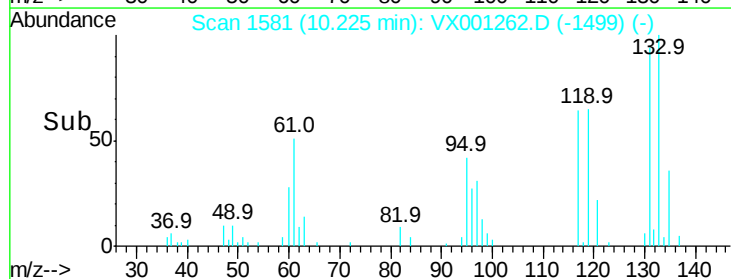
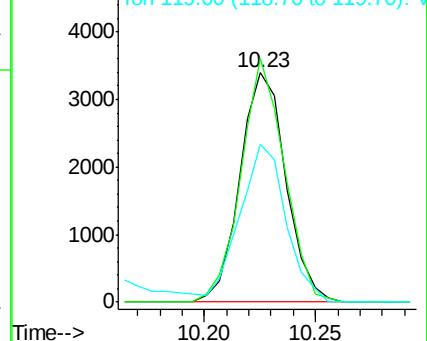
131 100

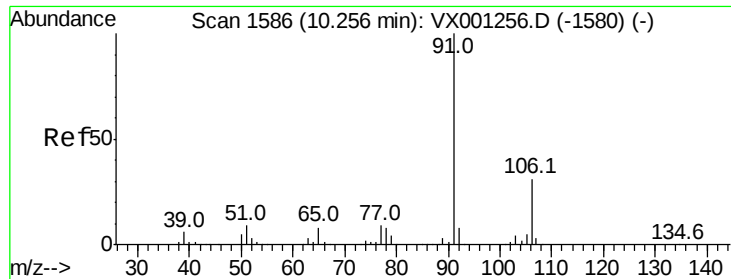
133 100.3 0.0 187.6

119 68.8 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V





#66

Ethyl Benzene

Concen: 2.516 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

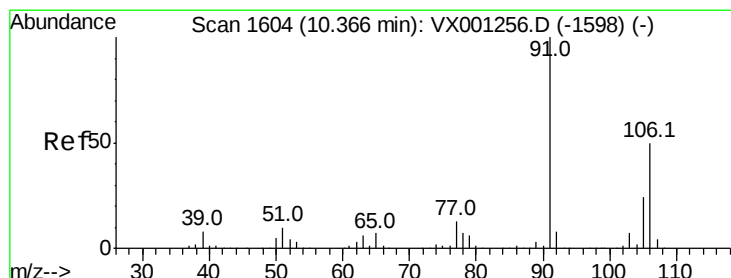
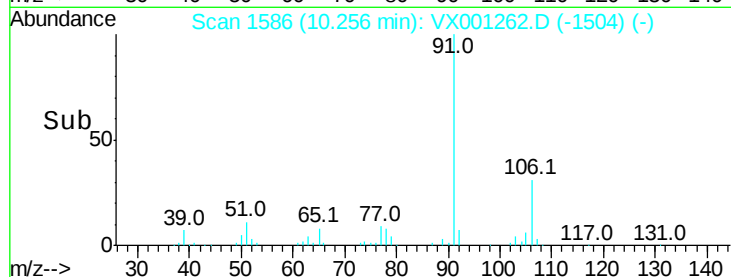
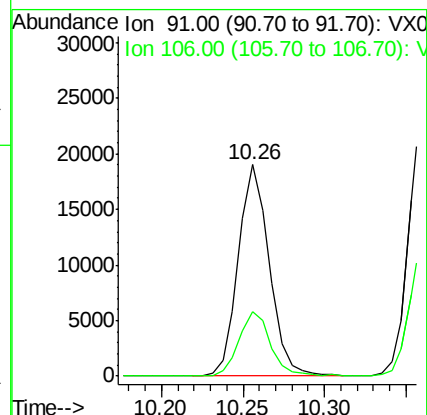
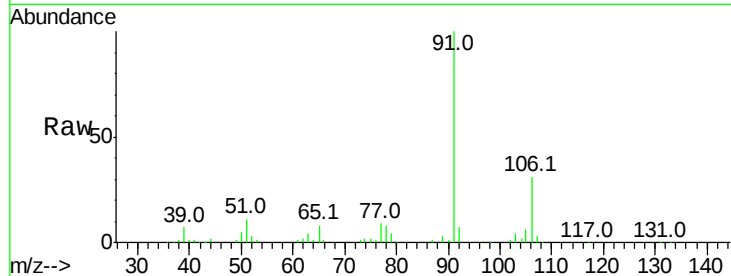
ClientSampleId :

Tot Ion: 91 Resp: 25263

Ion Ratio Lower Upper

91 100

106 30.8 25.9 38.9



#67

m/p-Xylenes

Concen: 4.940 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001262.D

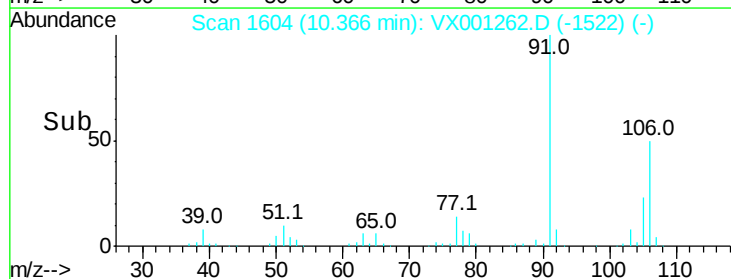
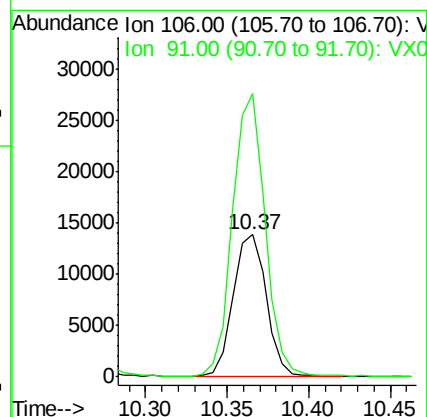
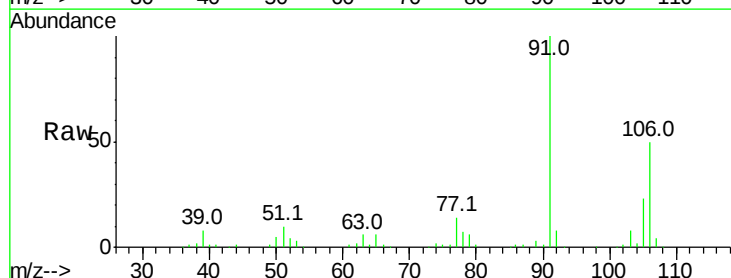
Acq: 30 Apr 2018 19:14

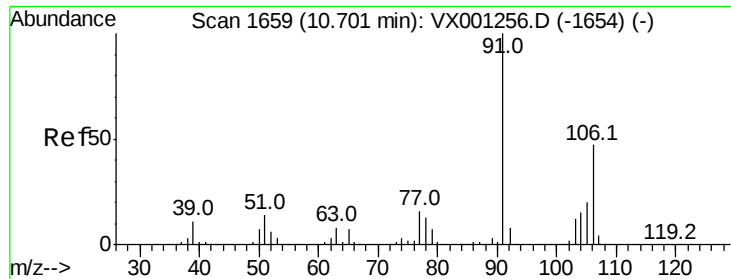
Tgt Ion:106 Resp: 19702

Ion Ratio Lower Upper

106 100

91 196.0 161.6 242.4

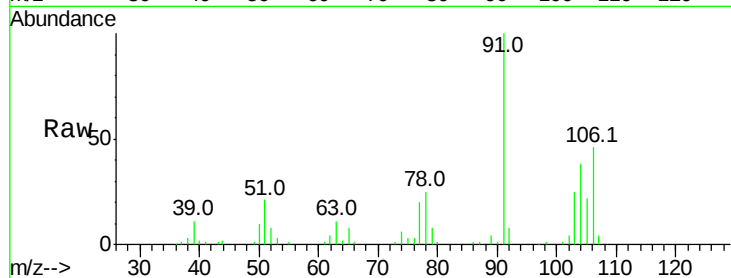




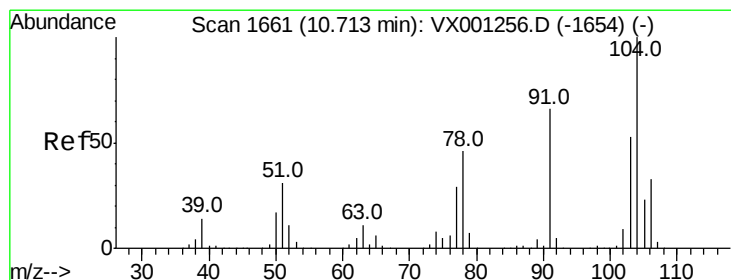
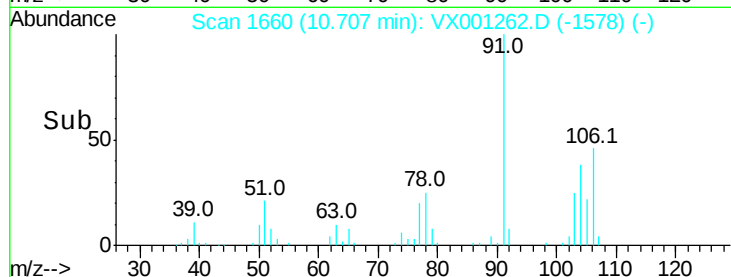
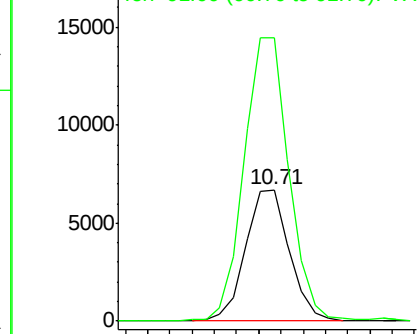
#68
o-Xylene
Concen: 2.392 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 9220
Ion Ratio Lower Upper
106 100
91 220.1 105.6 316.8

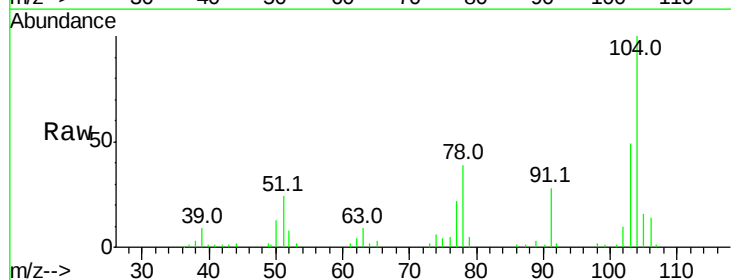


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

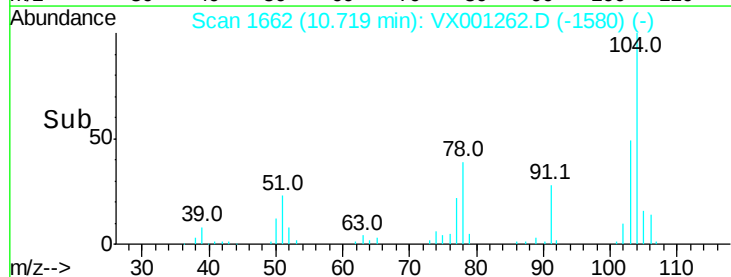
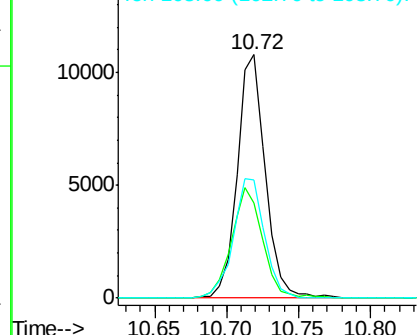


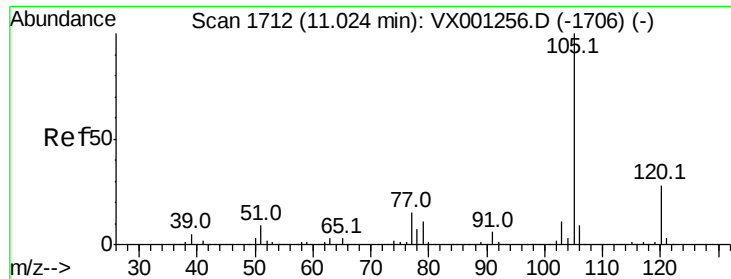
#69
Styrene
Concen: 2.296 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion:104 Resp: 14731
Ion Ratio Lower Upper
104 100
78 50.2 39.0 58.4
103 54.6 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#70

Isopropylbenzene

Concen: 2.435 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

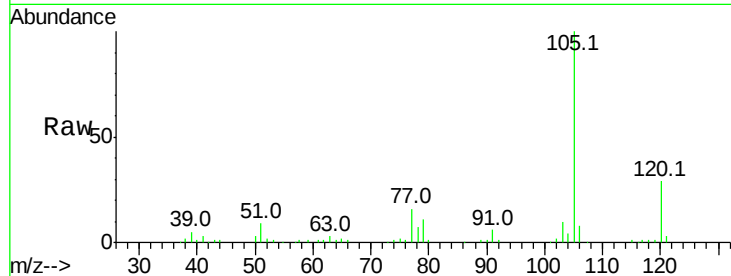
ClientSampleId :

Tot Ion:105 Resp: 25491

Ion Ratio Lower Upper

105 100

120 28.3 18.8 35.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

15000

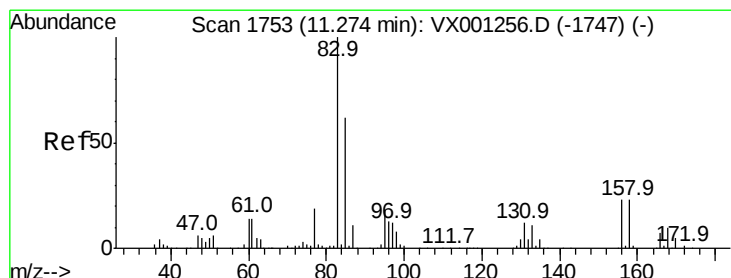
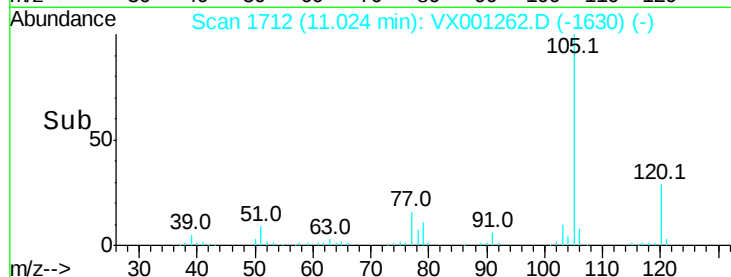
11.02

10000

5000

0

Time--> 10.95 11.00 11.05 11.10



#71

1,1,2,2-Tetrachloroethane

Concen: 2.515 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

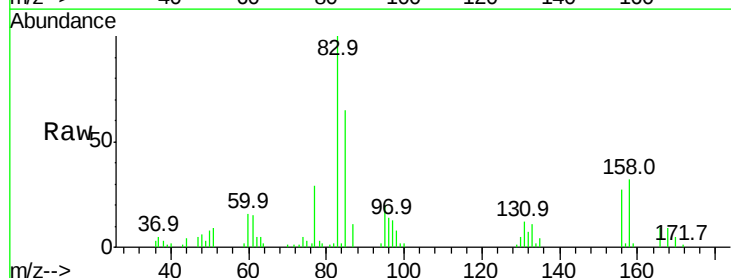
Tgt Ion: 83 Resp: 7723

Ion Ratio Lower Upper

83 100

131 12.1 5.3 16.1

85 65.4 32.5 97.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0

8000

6000

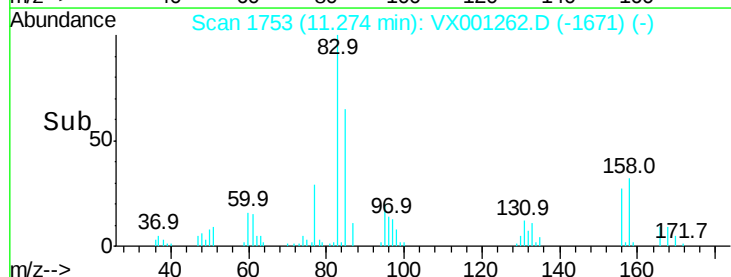
11.27

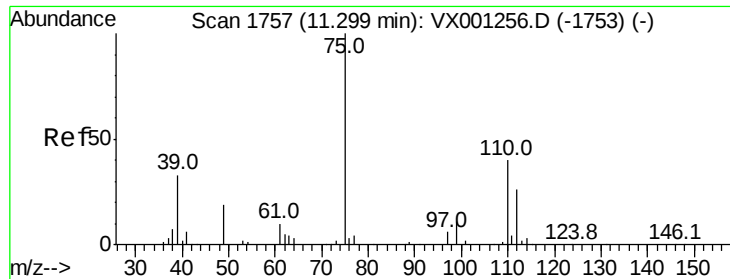
4000

2000

0

Time--> 11.25 11.30



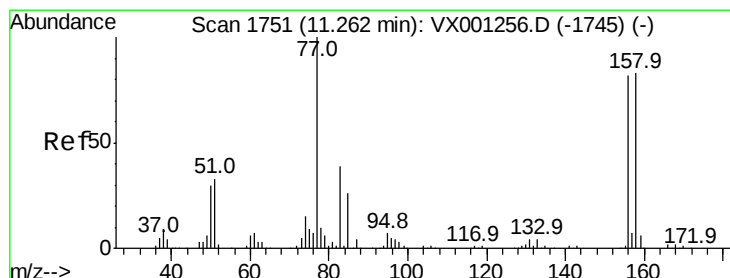
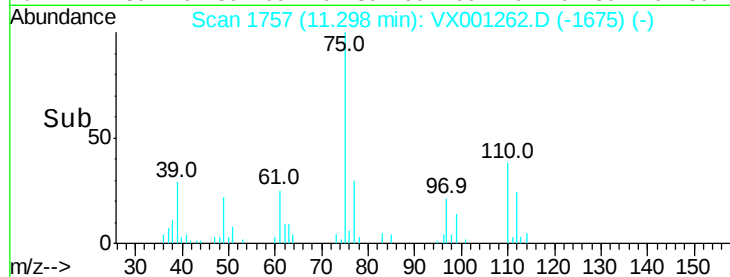
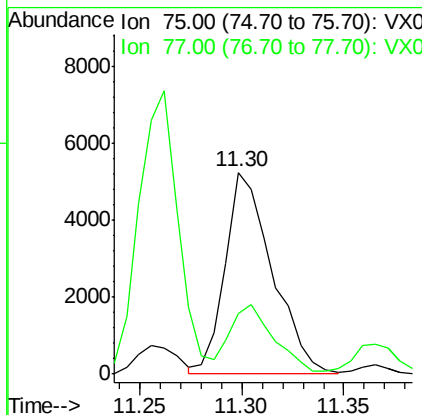
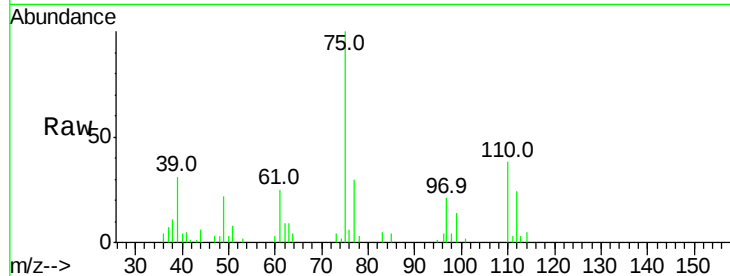


#72

1,2,3-Trichloropropane
Concen: 3.071 ug/l
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampled :

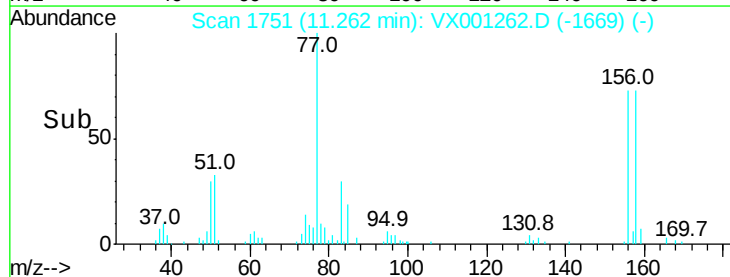
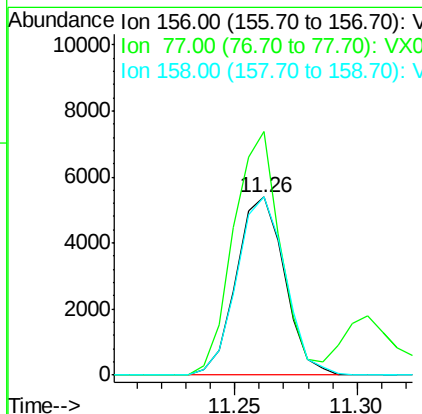
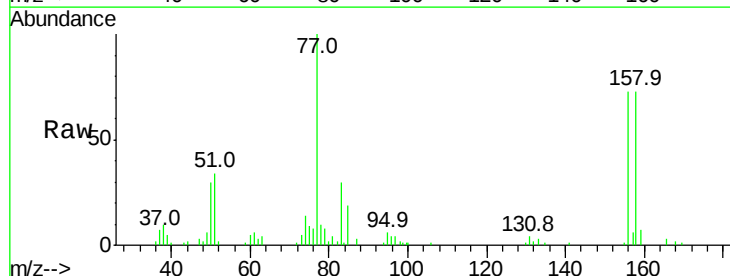
Tot Ion: 75 Resp: 8438
Ion Ratio Lower Upper
75 100
77 32.4 0.0 85.8

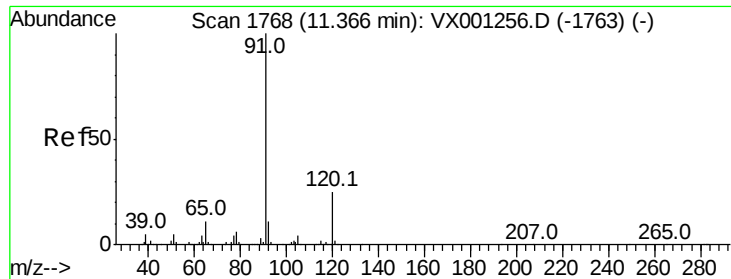


#73

Bromobenzene
Concen: 2.434 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 156 Resp: 7405
Ion Ratio Lower Upper
156 100
77 134.0 0.0 280.2
158 101.4 0.0 197.2





#74

n-propylbenzene

Concen: 2.274 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

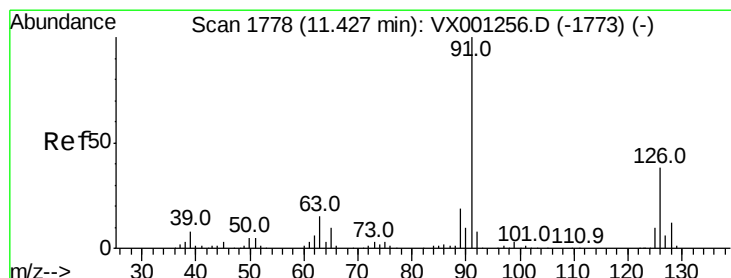
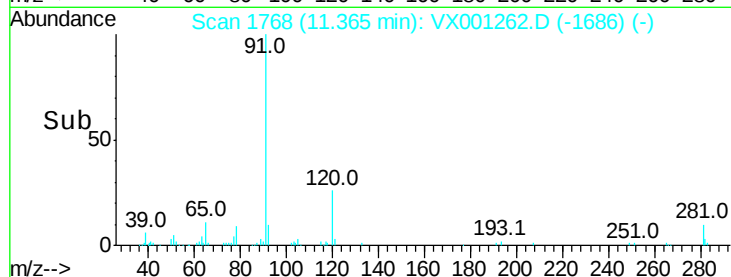
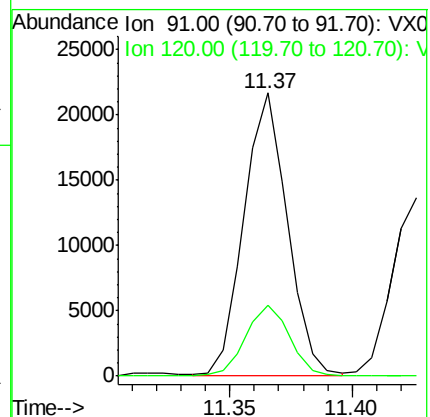
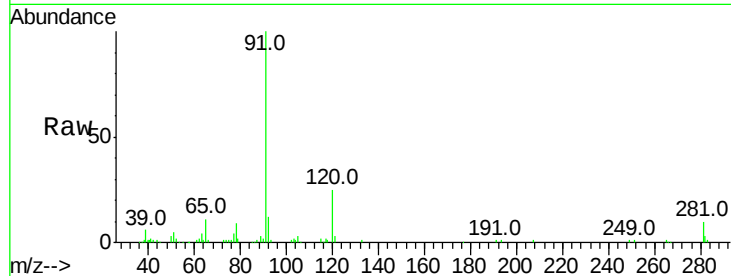
ClientSampleId :

Tot Ion: 91 Resp: 26891

Ion Ratio Lower Upper

91 100

120 25.2 0.0 47.4



#75

2-Chlorotoluene

Concen: 2.428 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001262.D

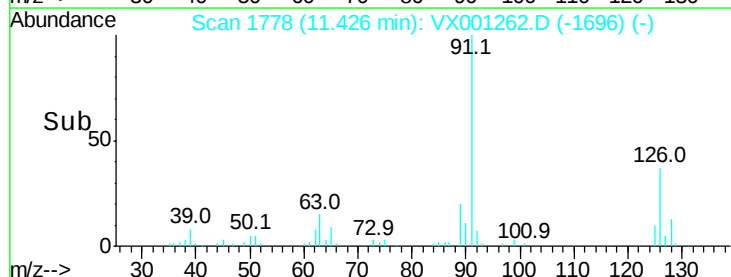
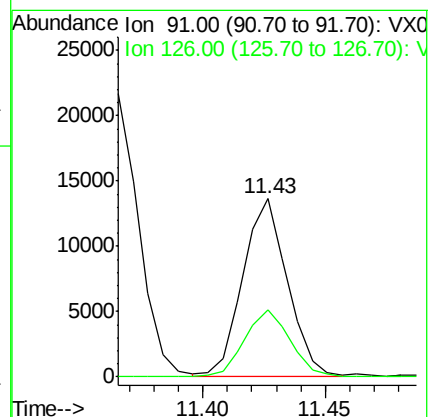
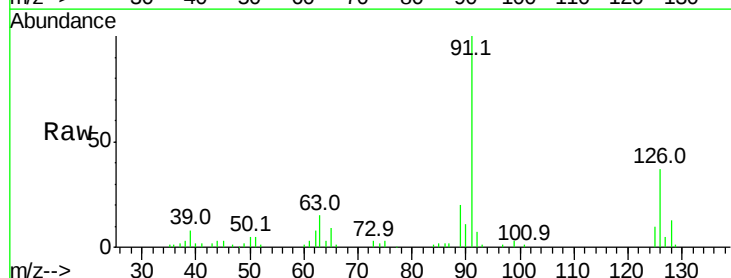
Acq: 30 Apr 2018 19:14

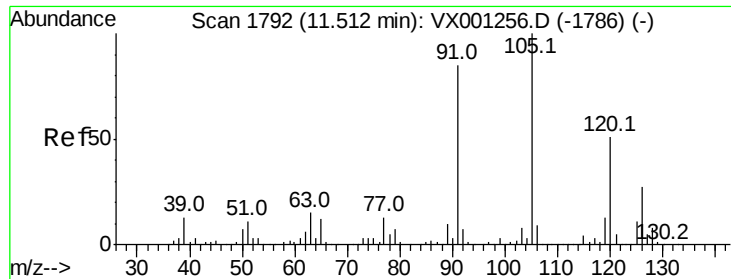
Tgt Ion: 91 Resp: 17327

Ion Ratio Lower Upper

91 100

126 38.1 0.0 71.4

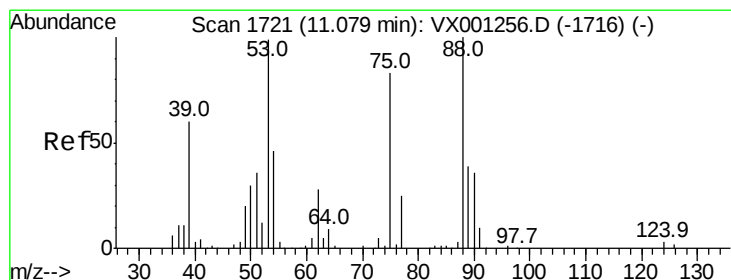
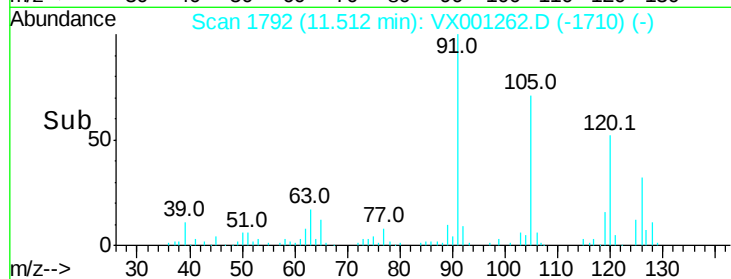
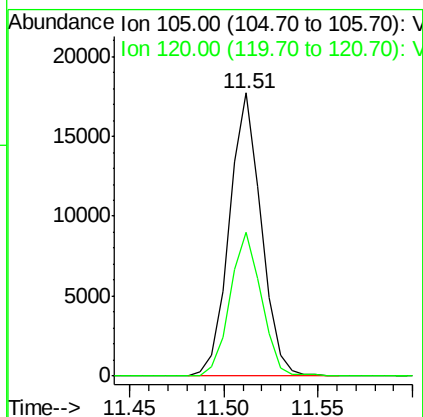
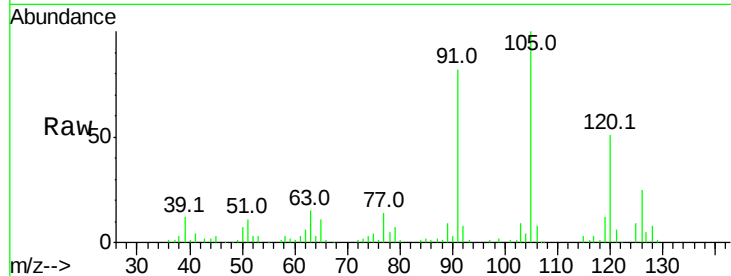




#76
 1,3,5-Trimethylbenzene
 Concen: 2.324 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

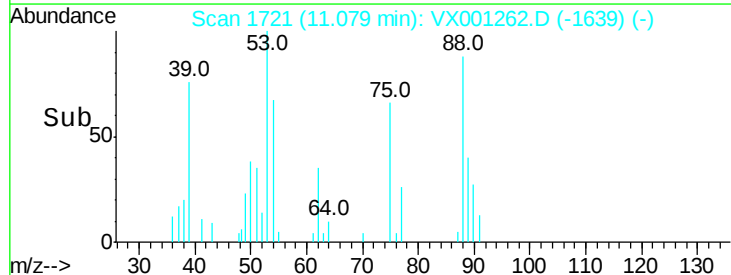
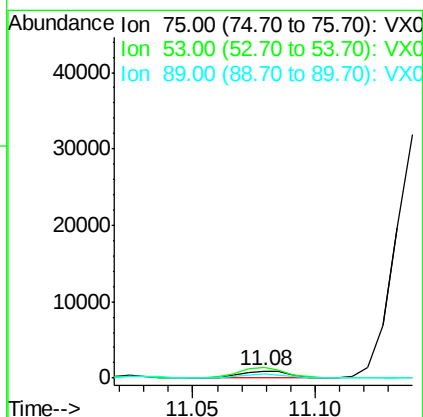
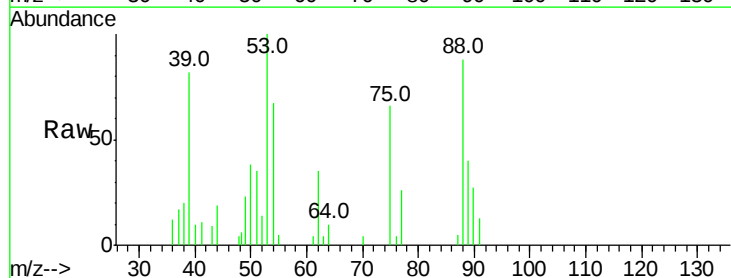
Instrument :
 MSVOA_X
 ClientSampleId :

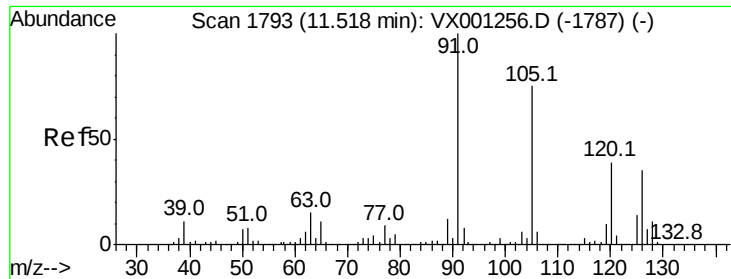
Tot Ion:105 Resp: 20733
 Ion Ratio Lower Upper
 105 100
 120 49.9 0.0 63.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 1.517 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Tgt Ion: 75 Resp: 1240
 Ion Ratio Lower Upper
 75 100
 53 152.6 47.8 143.3#
 89 60.4 22.3 66.8

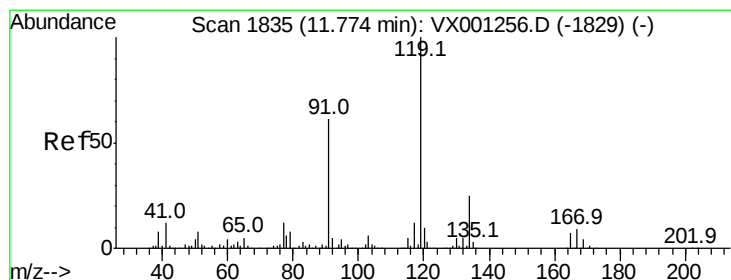
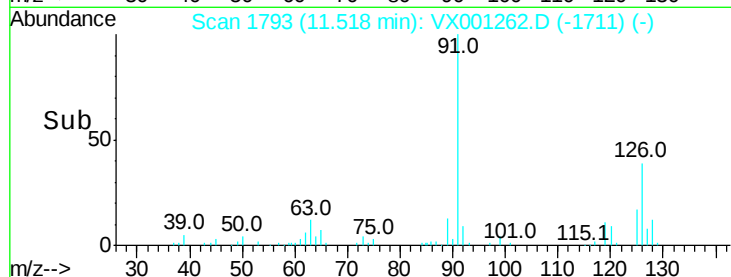
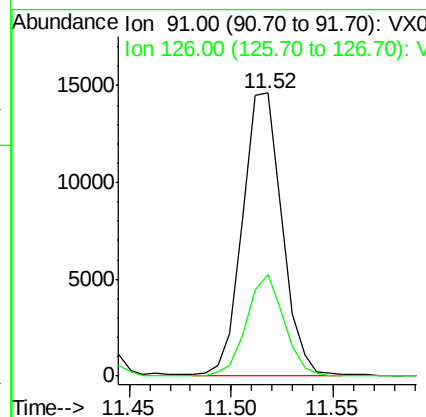
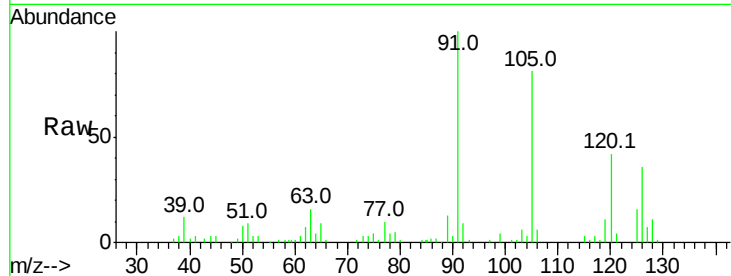




#78
4-Chlorotoluene
Concen: 2.316 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

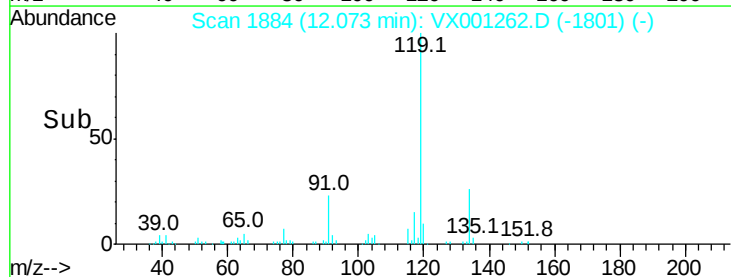
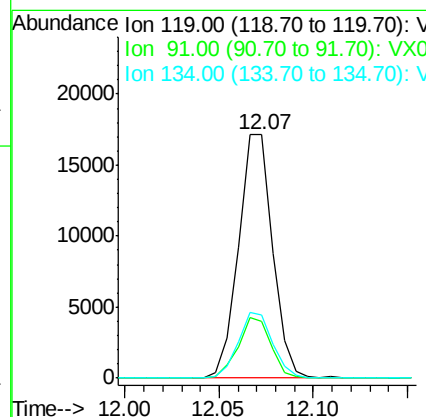
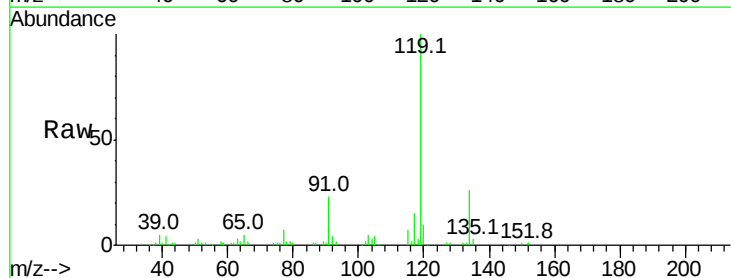
Instrument :
MSVOA_X
ClientSampleId :

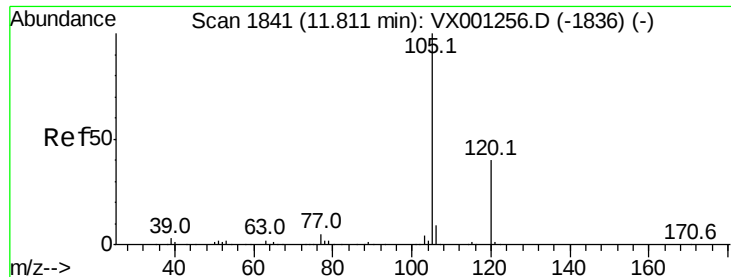
Tot Ion: 91 Resp: 19709
Ion Ratio Lower Upper
91 100
126 33.8 0.0 63.4



#79
tert-butylbenzene
Concen: 2.260 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion: 119 Resp: 21566
Ion Ratio Lower Upper
119 100
91 23.7 0.0 51.6
134 27.0 0.0 60.2





#80

1,2,4-Trimethylbenzene

Concen: 2.316 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

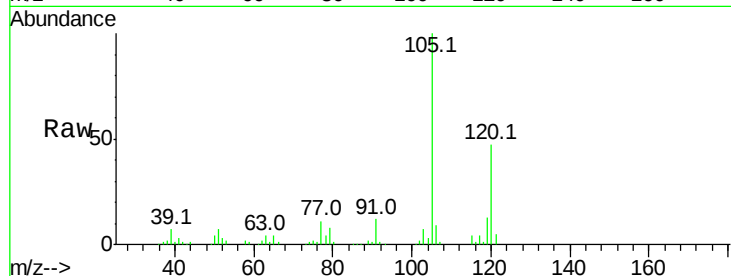
ClientSampleId :

Tot Ion:105 Resp: 21024

Ion Ratio Lower Upper

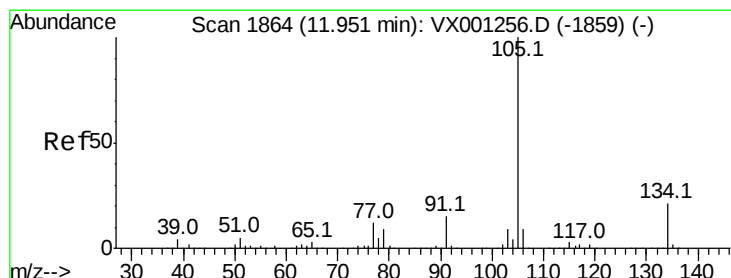
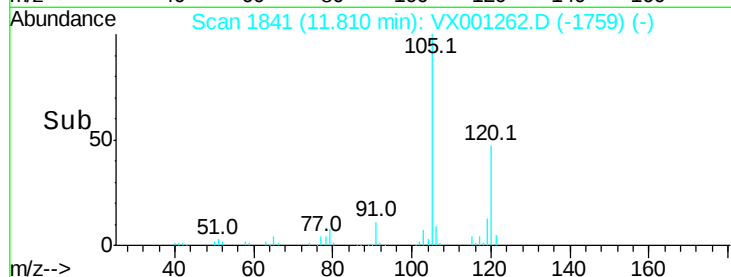
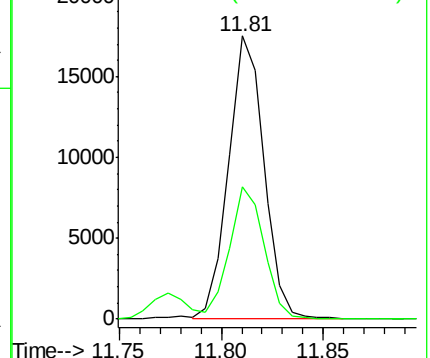
105 100

120 45.4 0.0 93.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 2.322 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001262.D

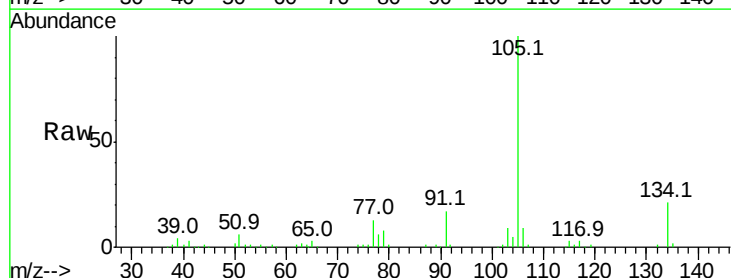
Acq: 30 Apr 2018 19:14

Tgt Ion:105 Resp: 24051

Ion Ratio Lower Upper

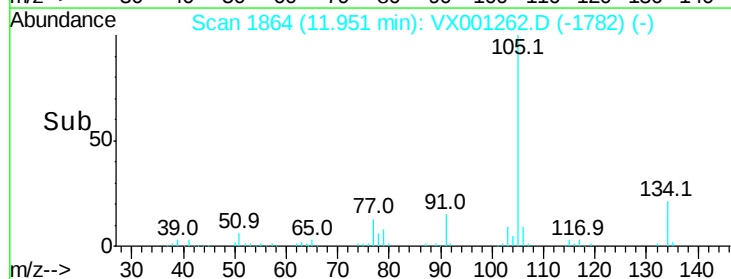
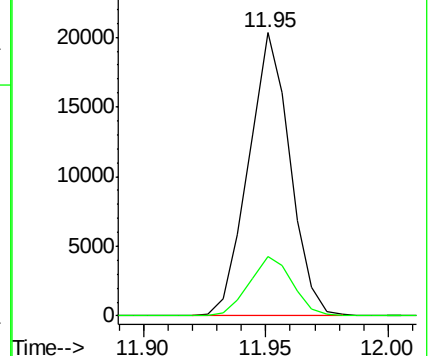
105 100

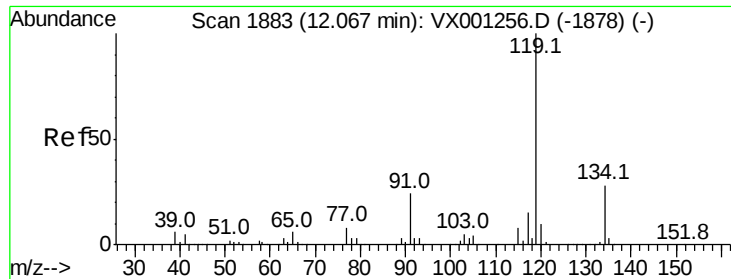
134 21.7 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

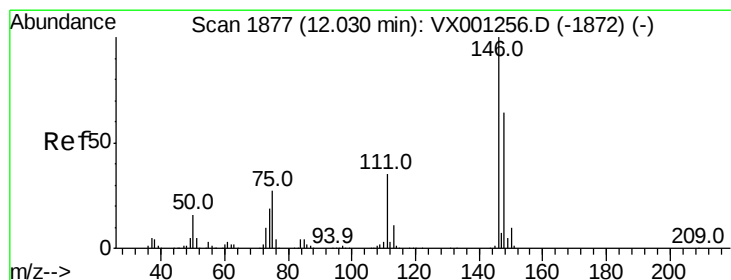
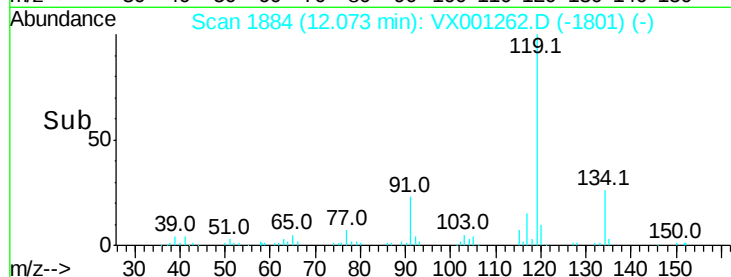
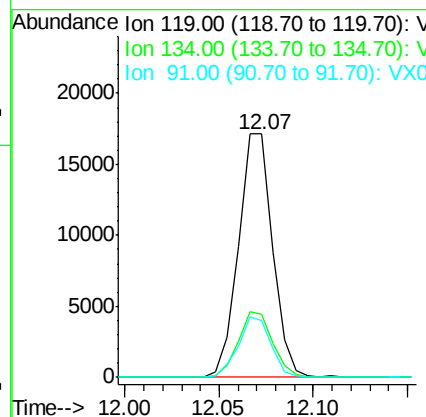
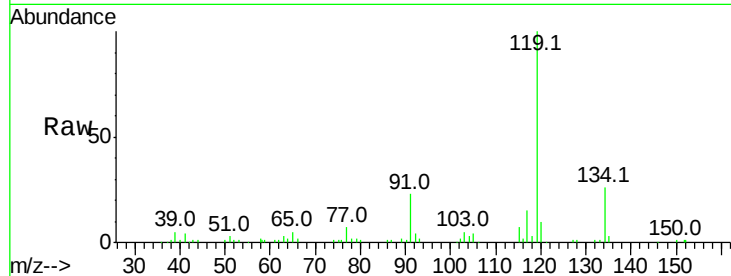




#82
p-Isopropyltoluene
Concen: 2.260 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.01 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

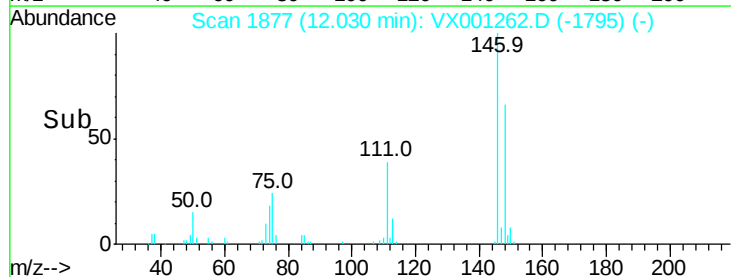
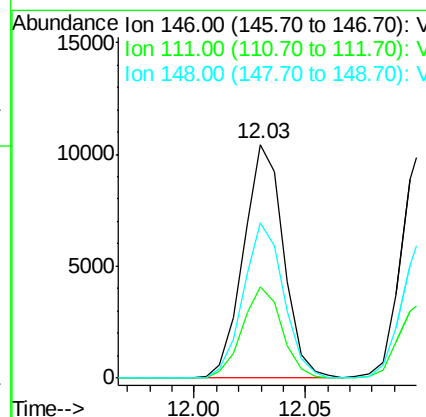
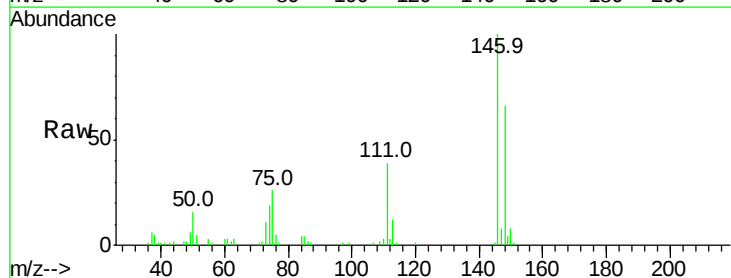
Instrument :
MSVOA_X
ClientSampleId :

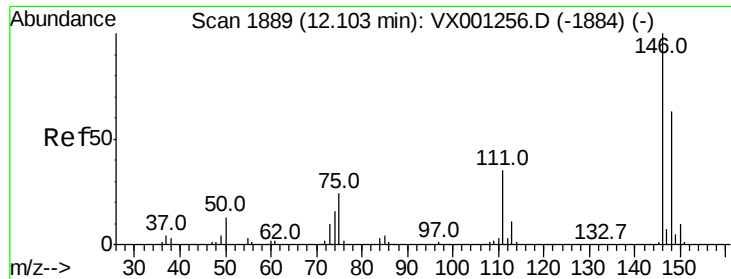
Tot Ion:119 Resp: 21566
Ion Ratio Lower Upper
119 100
134 27.0 0.0 54.4
91 23.7 0.0 46.6



#83
1,3-Dichlorobenzene
Concen: 2.355 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion:146 Resp: 13062
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 66.8 32.6 97.7





#84

1,4-Dichlorobenzene

Concen: 2.436 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampled :

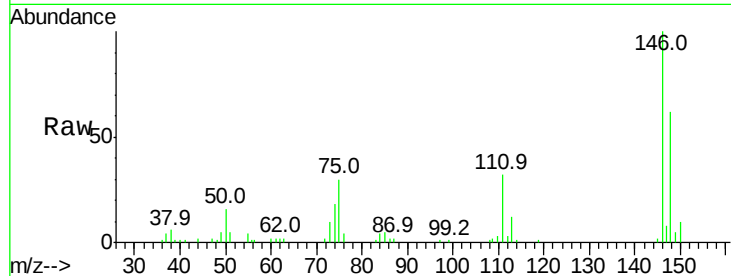
Tot Ion:146 Resp: 13775

Ion Ratio Lower Upper

146 100

111 33.6 18.4 55.0

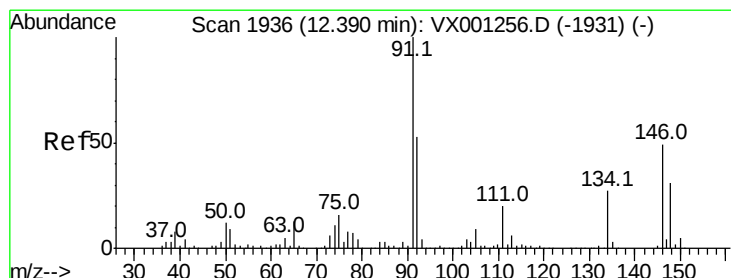
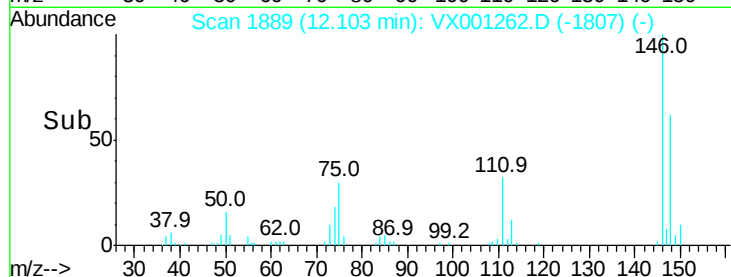
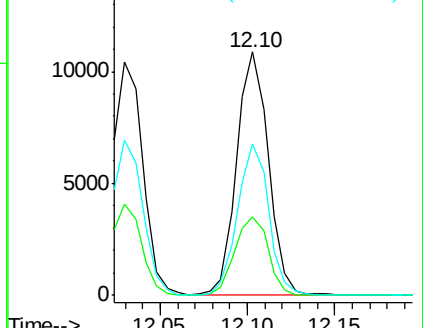
148 61.1 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 2.159 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

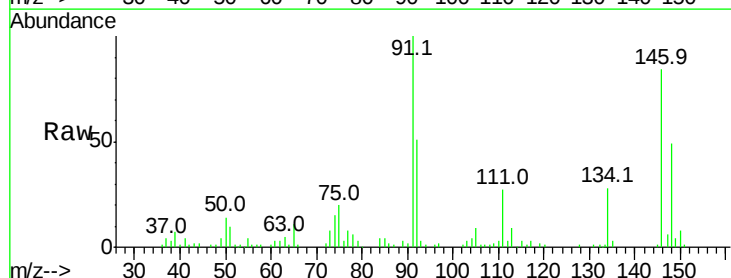
Tgt Ion: 91 Resp: 17820

Ion Ratio Lower Upper

91 100

92 52.3 0.0 102.0

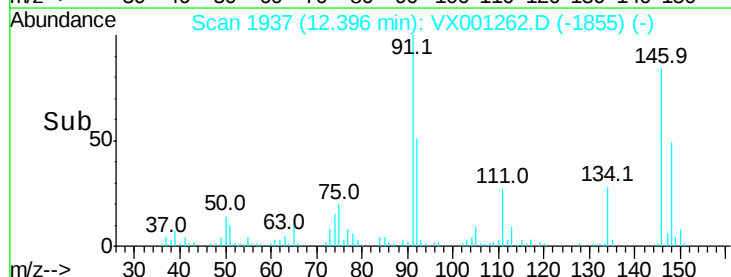
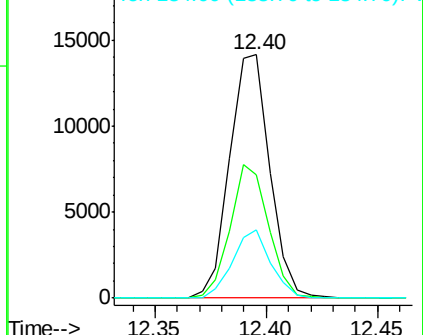
134 26.5 0.0 54.2

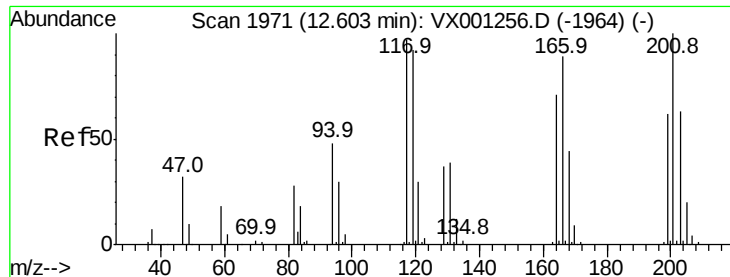


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

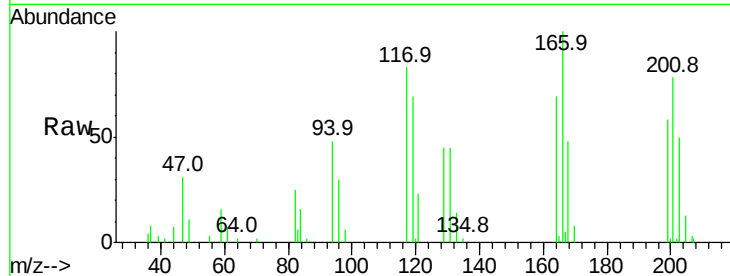




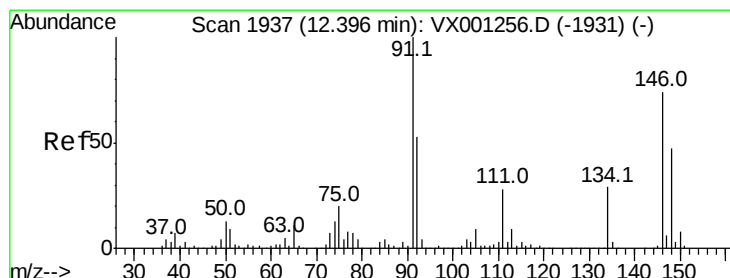
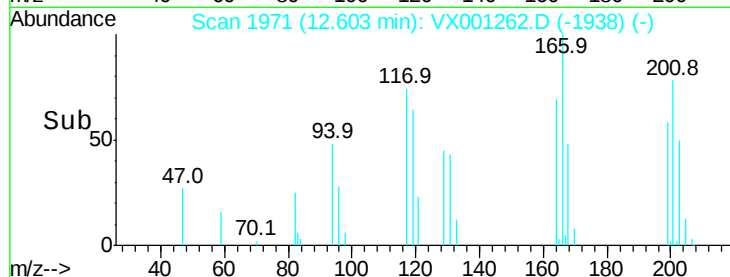
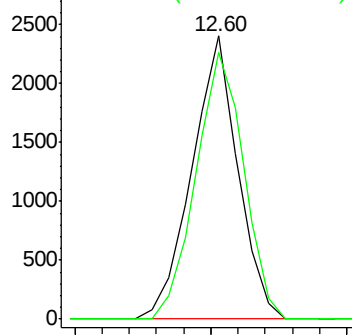
#86
Hexachloroethane
Concen: 1.929 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 2814
Ion Ratio Lower Upper
117 100
201 97.7 38.9 116.6

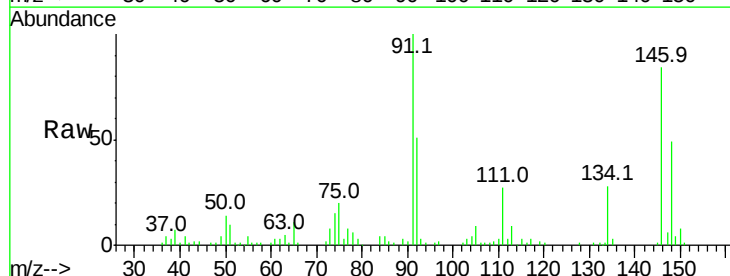


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V

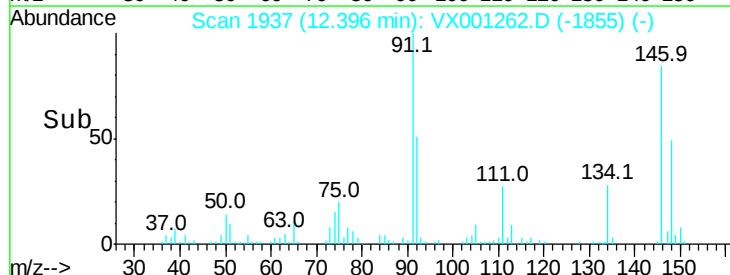
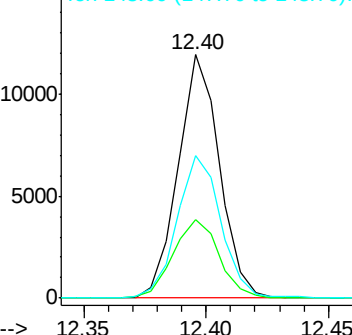


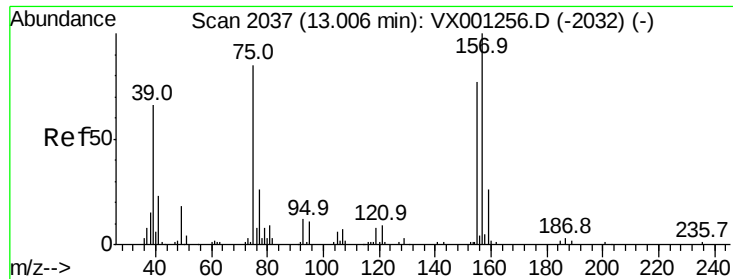
#87
1,2-Dichlorobenzene
Concen: 2.541 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion:146 Resp: 14015
Ion Ratio Lower Upper
146 100
111 35.7 20.0 60.0
148 62.0 31.6 95.0



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 2.227 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

Instrument :

MSVOA_X

ClientSampleId :

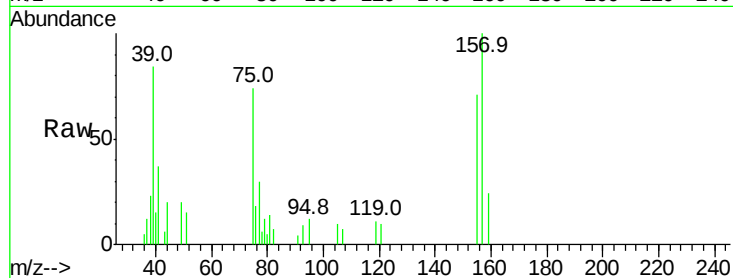
Tot Ion: 75 Resp: 1429

Ion Ratio Lower Upper

75 100

155 99.7 75.1 112.7

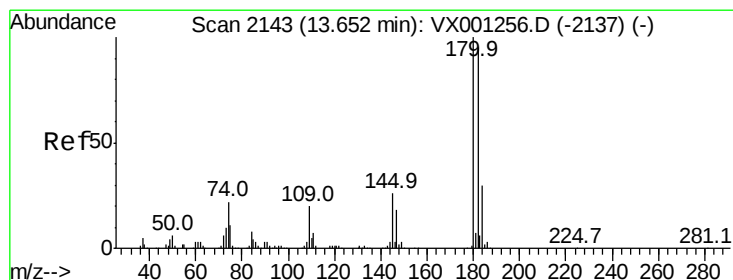
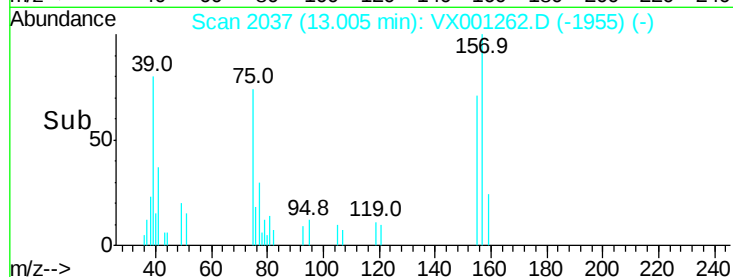
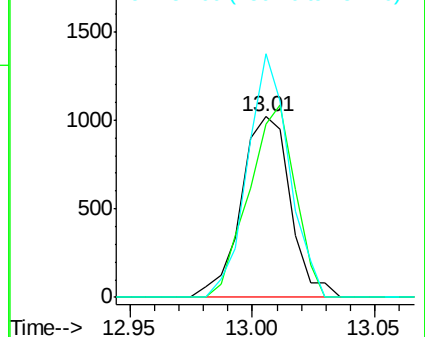
157 113.9 99.0 148.4



Abundance Ion 75.00 (74.70 to 75.70): VX

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#89

1,2,4-Trichlorobenzene

Concen: 2.280 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001262.D

Acq: 30 Apr 2018 19:14

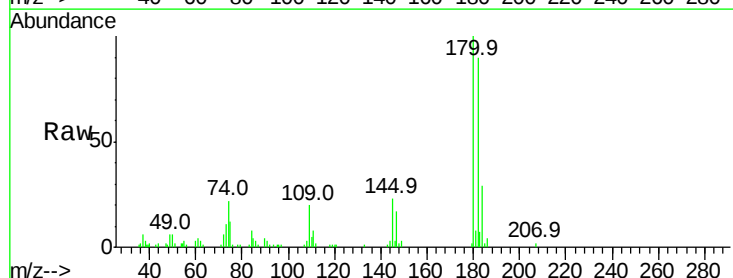
Tgt Ion:180 Resp: 9527

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

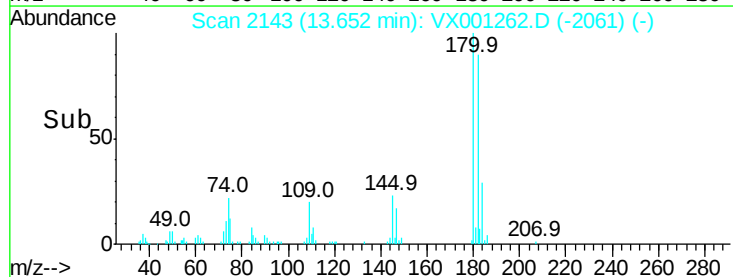
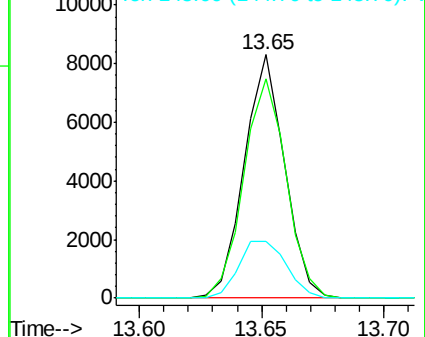
145 27.7 24.6 37.0

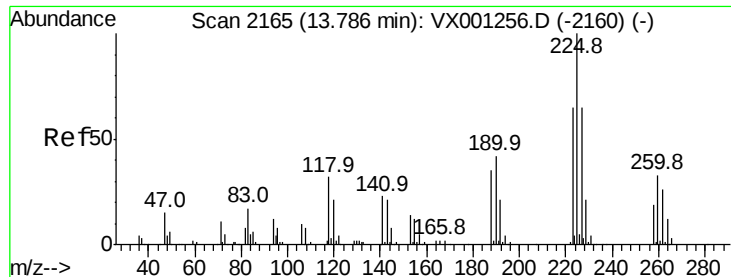


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

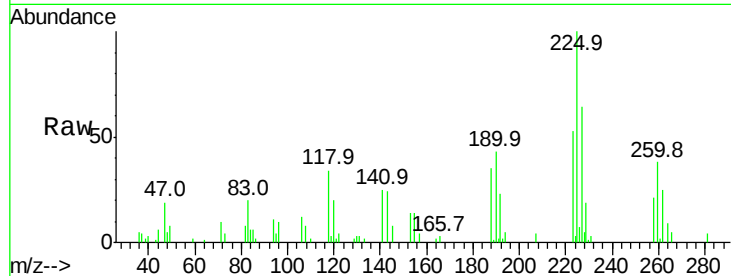




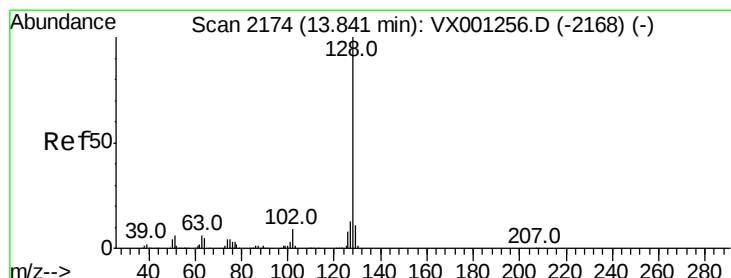
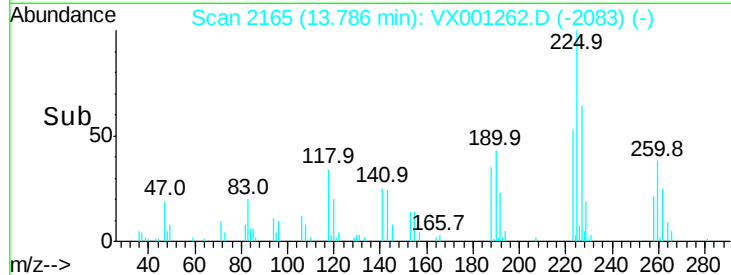
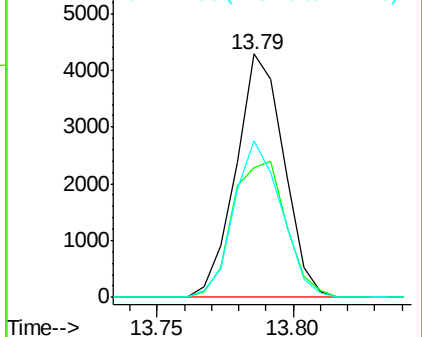
#90
Hexachlorobutadiene
Concen: 2.702 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:225 Resp: 5243
Ion Ratio Lower Upper
225 100
223 62.7 0.0 131.2
227 63.6 0.0 127.6

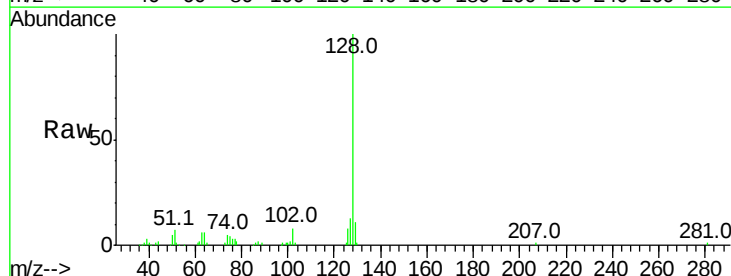


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V

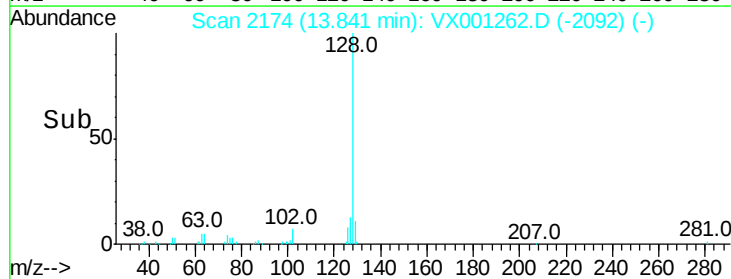
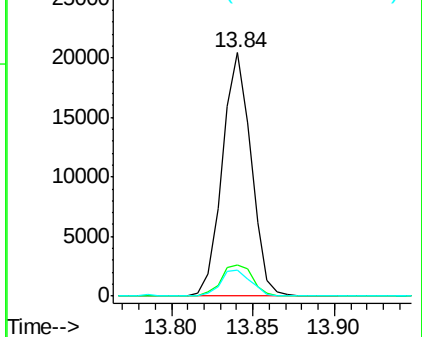


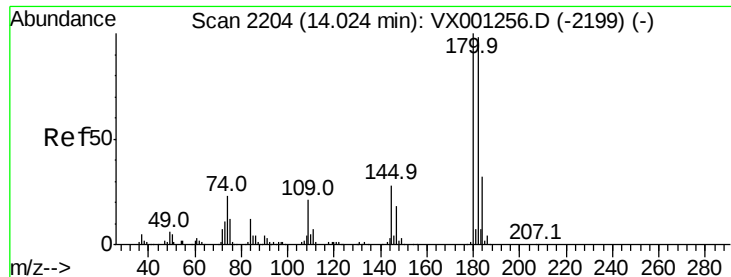
#91
Naphthalene
Concen: 2.315 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001262.D
Acq: 30 Apr 2018 19:14

Tgt Ion:128 Resp: 25106
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.2 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

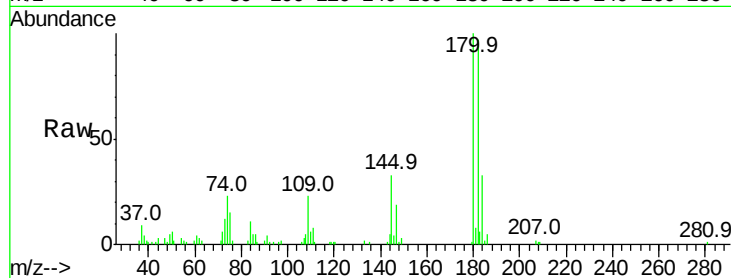




#92
 1,2,3-Trichlorobenzene
 Concen: 2.399 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX001262.D
 Acq: 30 Apr 2018 19:14

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 9895
 Ion Ratio Lower Upper
 180 100
 182 94.3 0.0 188.6
 145 31.1 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

