

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002570.D
 Acq On : 15 Jun 2018 00:17
 Operator : JC/MD
 Sample : VX0614WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 03:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187761	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	174442	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.46%		
35) Dibromofluoromethane	5.51	113	138748	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.22%		
50) Toluene-d8	8.72	98	540583	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.92%		
62) 4-Bromofluorobenzene	11.14	95	194096	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.76%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	37969	15.31	ug/l	95
3) Chloromethane	1.32	50	46235	14.22	ug/l	99
4) Vinyl Chloride	1.40	62	51629	16.52	ug/l	99
5) Bromomethane	1.64	94	30125	14.68	ug/l	97
6) Chloroethane	1.73	64	34721	17.18	ug/l	97
7) Trichlorofluoromethane	1.93	101	91581	19.24	ug/l	100
8) Diethyl Ether	2.19	74	34304	18.78	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50970	19.84	ug/l	98
10) Methyl Iodide	2.51	142	58229	16.11	ug/l	97
11) Tert butyl alcohol	3.07	59	66151	81.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46425	18.29	ug/l	98
13) Acrolein	2.29	56	12421	28.02	ug/l	99
14) Allyl chloride	2.73	41	89676	16.28	ug/l	98
15) Acrylonitrile	3.15	53	149819	97.30	ug/l	99
16) Acetone	2.45	43	138708	81.66	ug/l	99
17) Carbon Disulfide	2.57	76	90928	13.59	ug/l	96
18) Methyl Acetate	2.78	43	73984	20.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	186595	19.65	ug/l	97
20) Methylene Chloride	2.86	84	54449	18.45	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49540	17.69	ug/l	98
22) Diisopropyl ether	3.88	45	170202	17.52	ug/l	96
23) Vinyl Acetate	3.83	43	712500	79.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	90589	16.63	ug/l	98
25) 2-Butanone	4.71	43	192163	82.18	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53031	12.46	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	52998	17.41	ug/l	93
28) Bromochloromethane	5.03	49	48309	18.62	ug/l	99
29) Tetrahydrofuran	5.17	42	126141	83.67	ug/l	99
30) Chloroform	5.22	83	91929	17.49	ug/l	95
31) Cyclohexane	5.58	56	71788	16.67	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	77171	17.32	ug/l	98
36) 1,1-Dichloropropene	5.80	75	63656	17.54	ug/l	100
37) Ethyl Acetate	4.87	43	76149	17.45	ug/l	99
38) Carbon Tetrachloride	5.79	117	65707	17.31	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002570.D
 Acq On : 15 Jun 2018 00:17
 Operator : JC/MD
 Sample : VX0614WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 03:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71651	16.16	ug/l	97
40) Benzene	6.15	78	192941	17.34	ug/l	99
41) Methacrylonitrile	5.07	41	44653	17.87	ug/l	98
42) 1,2-Dichloroethane	6.21	62	78210	17.69	ug/l	100
43) Isopropyl Acetate	6.47	43	126024	17.00	ug/l	100
44) Trichloroethene	7.22	130	55555	17.99	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51321	17.09	ug/l	98
46) Dibromomethane	7.67	93	35306	17.34	ug/l	99
47) Bromodichloromethane	7.90	83	61962	16.82	ug/l	97
48) Methyl methacrylate	7.78	41	64675	17.37	ug/l	98
49) 1,4-Dioxane	7.76	88	23086	331.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	415090	89.92	ug/l	100
52) Toluene	8.79	92	122195	17.27	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	70449	15.95	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64190	15.41	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53112	18.25	ug/l	97
56) Ethyl methacrylate	9.18	69	80455	17.31	ug/l	99
57) 1,3-Dichloropropane	9.38	76	87802	17.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	199604	92.81	ug/l	100
59) 2-Hexanone	9.50	43	311630	87.40	ug/l	99
60) Dibromochloromethane	9.59	129	49133	16.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	54029	17.80	ug/l	99
64) Tetrachloroethene	9.34	164	61962	18.77	ug/l	99
65) Chlorobenzene	10.14	112	142814	17.93	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	50809	17.62	ug/l	99
67) Ethyl Benzene	10.26	91	246449	18.49	ug/l	98
68) m/p-Xylenes	10.36	106	184269	35.56	ug/l	100
69) o-Xylene	10.70	106	91823	17.81	ug/l	98
70) Styrene	10.71	104	151527	17.97	ug/l	100
71) Bromoform	10.86	173	35648	16.30	ug/l #	99
73) Isopropylbenzene	11.02	105	253524	19.41	ug/l	100
74) N-amyl acetate	6.47	43	126024	17.91	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	77639	18.90	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	85254	20.69	ug/l	79
77) Bromobenzene	11.26	156	68284	18.62	ug/l	99
78) n-propylbenzene	11.37	91	282178	19.44	ug/l	100
79) 2-Chlorotoluene	11.43	91	169993	18.54	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	208335	18.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16109	13.71	ug/l #	85
82) 4-Chlorotoluene	11.51	91	196214	18.54	ug/l	98
83) tert-Butylbenzene	11.77	119	208836	19.14	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	217637	18.87	ug/l	99
85) sec-Butylbenzene	11.95	105	257330	20.12	ug/l	99
86) p-Isopropyltoluene	12.07	119	226138	19.41	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	124206	18.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	126120	18.66	ug/l	99
89) n-Butylbenzene	12.39	91	194718	19.93	ug/l	99
90) Hexachloroethane	12.60	117	30946	16.64	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	128211	18.90	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15555	17.32	ug/l	99

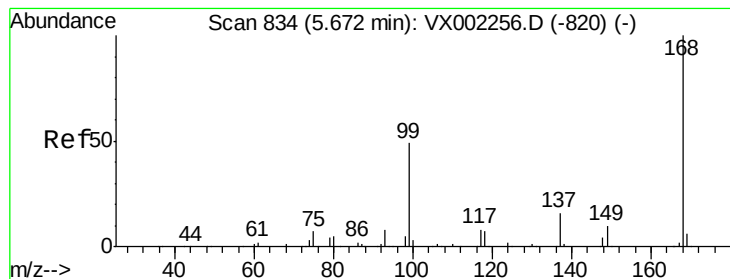
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002570.D
Acq On : 15 Jun 2018 00:17
Operator : JC/MD
Sample : VX0614WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 03:21:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92203	19.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	48882	20.80	ug/l	97
95) Naphthalene	13.84	128	264726	19.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93489	19.27	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

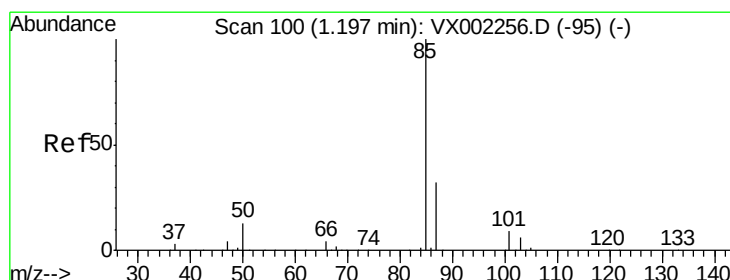
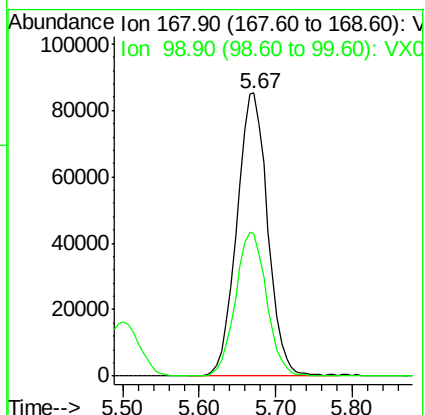
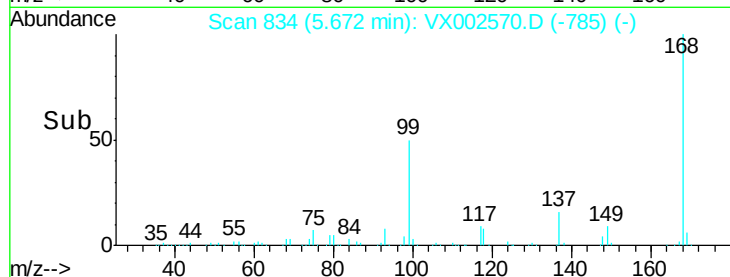
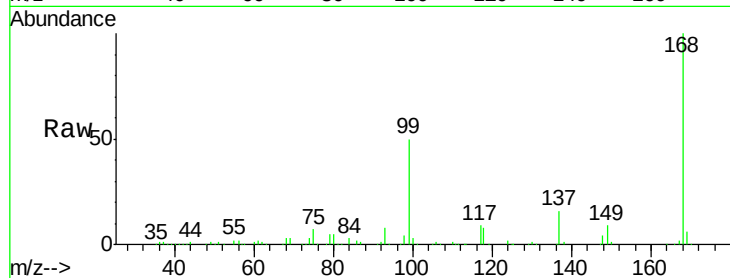
ClientSampleId :

Tot Ion:168 Resp: 238492

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



#2

Dichlorodifluoromethane

Concen: 15.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002570.D

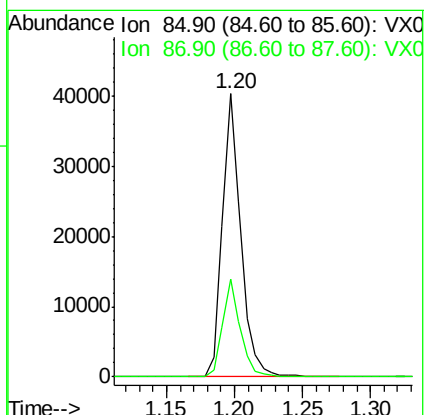
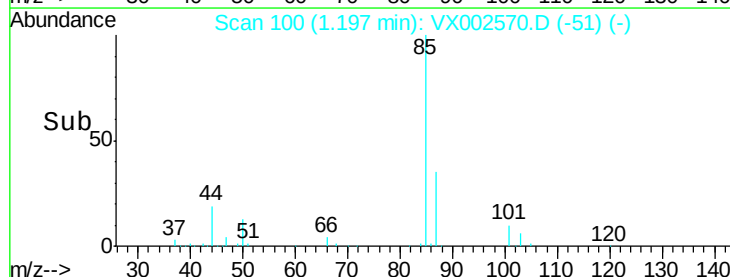
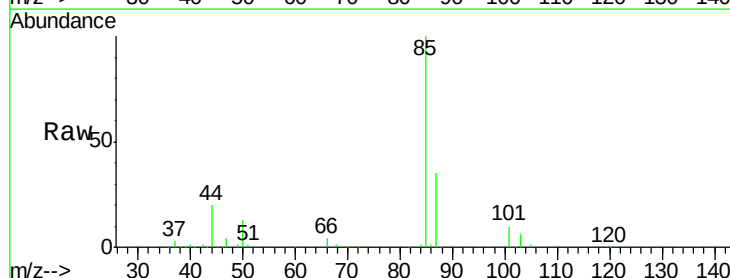
Acq: 15 Jun 2018 00:17

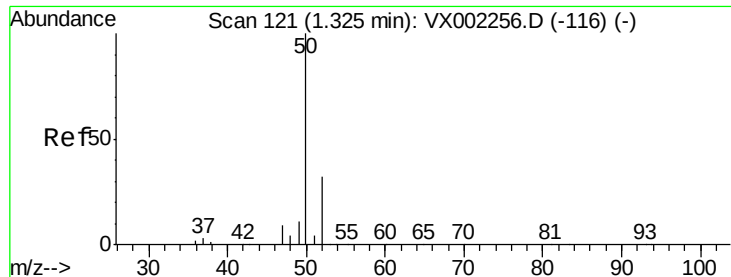
Tgt Ion: 85 Resp: 37969

Ion Ratio Lower Upper

85 100

87 34.5 16.0 47.9

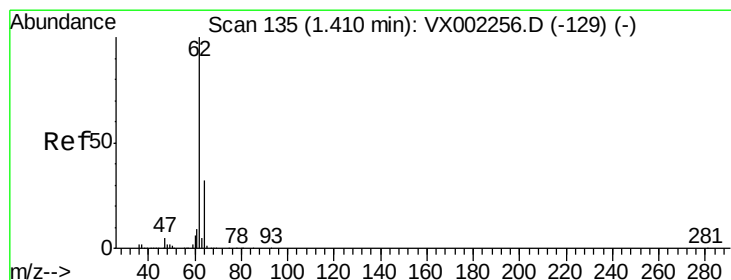
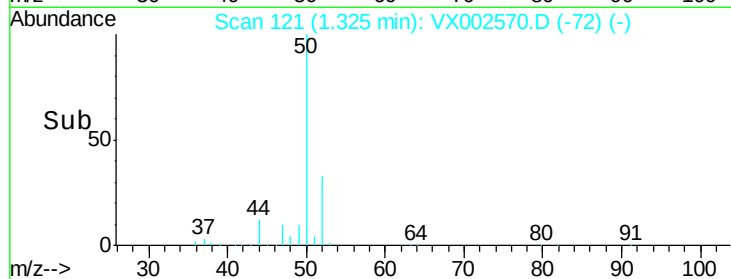
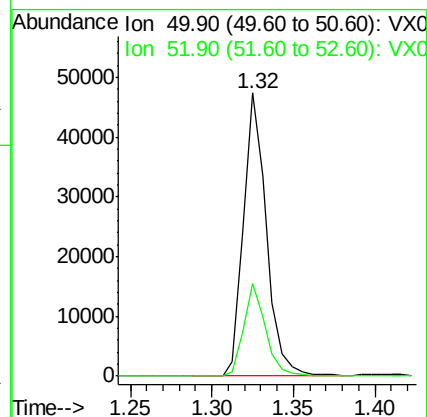
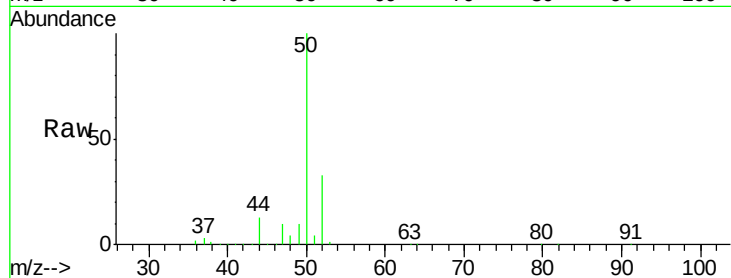




#3
Chloromethane
Concen: 14.22 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

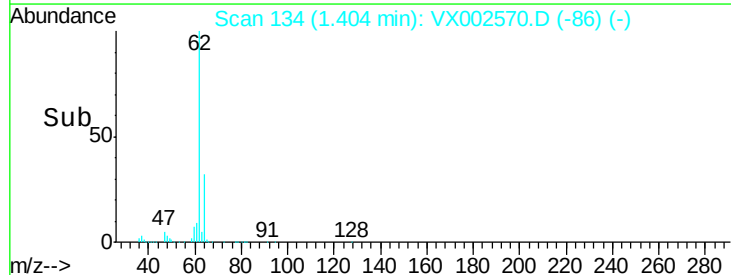
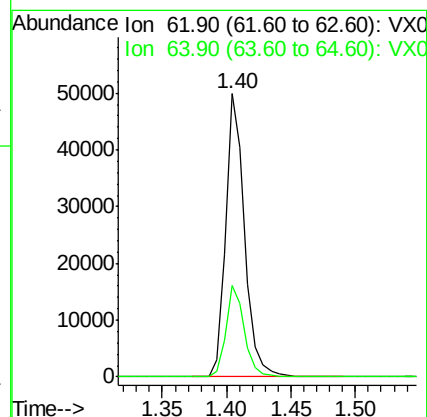
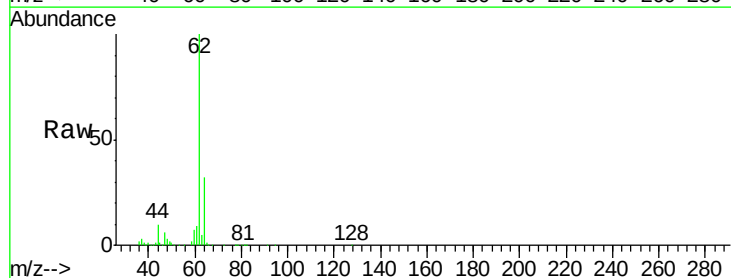
Instrument :
MSVOA_X
ClientSampled :

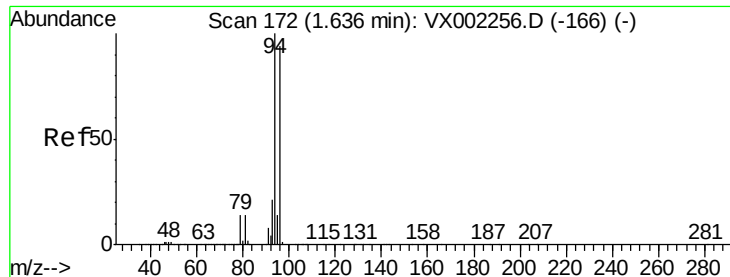
Tot Ion: 50 Resp: 46235
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5



#4
Vinyl Chloride
Concen: 16.52 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 62 Resp: 51629
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





#5

Bromomethane

Concen: 14.68 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

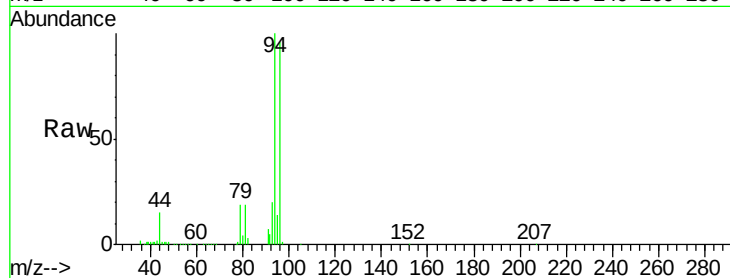
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 30125

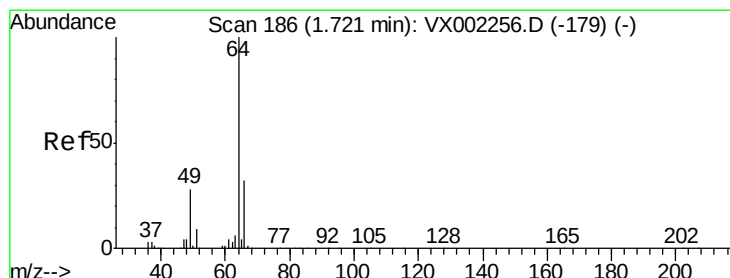
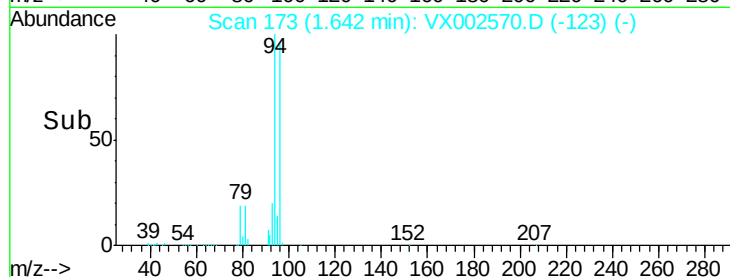
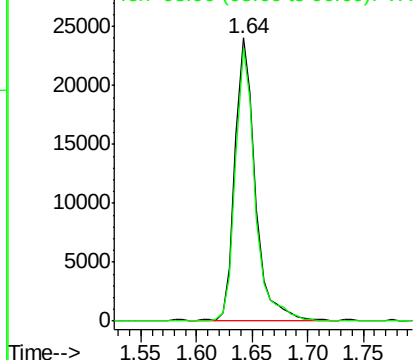
Ion Ratio Lower Upper

94 100

96 96.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.18 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002570.D

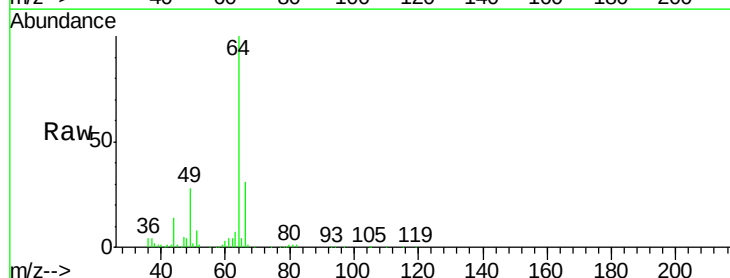
Acq: 15 Jun 2018 00:17

Tgt Ion: 64 Resp: 34721

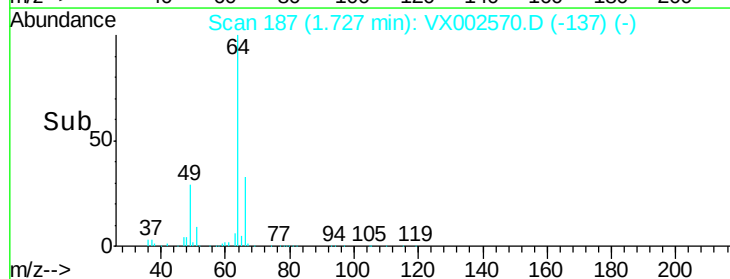
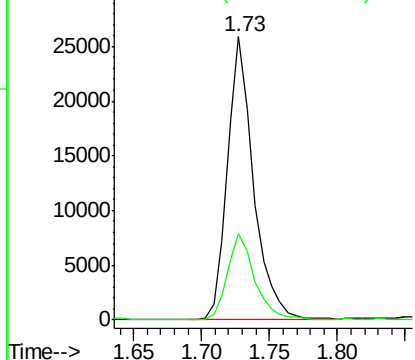
Ion Ratio Lower Upper

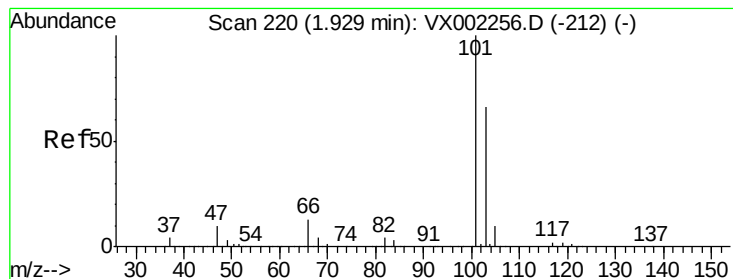
64 100

66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



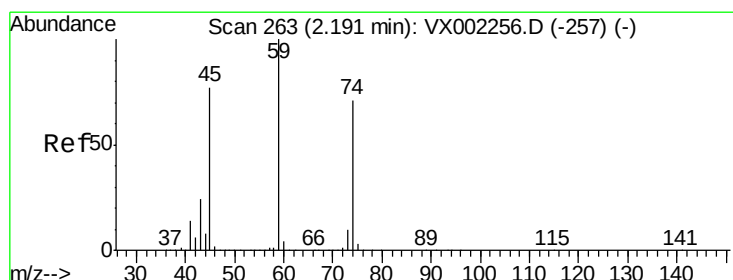
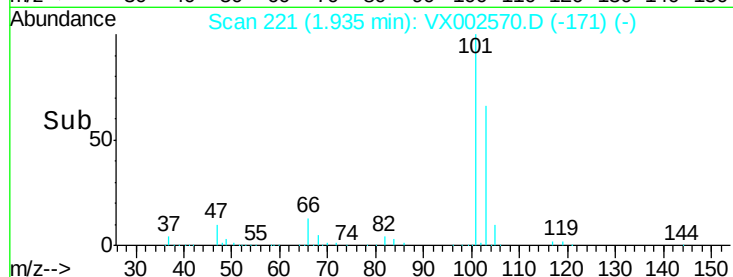
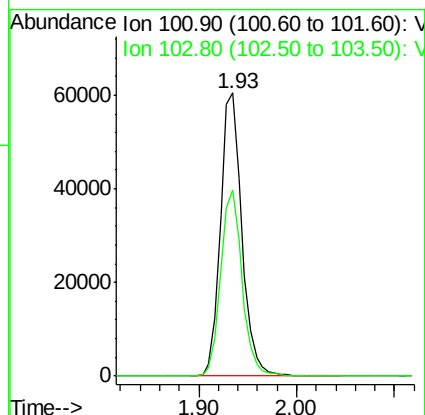
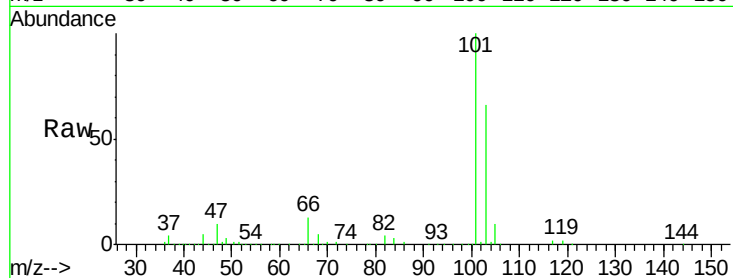


#7

Trichlorofluoromethane
 Concen: 19.24 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :

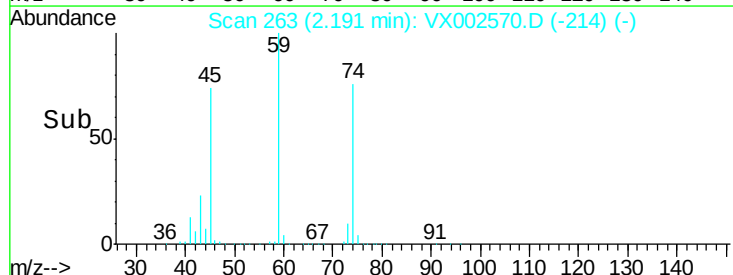
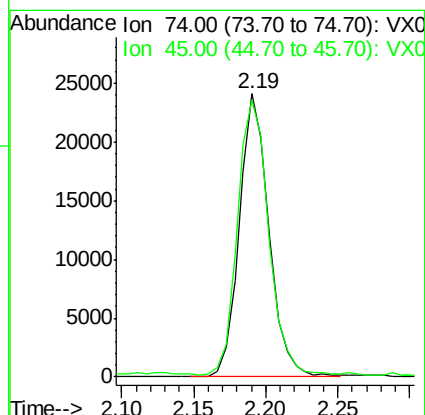
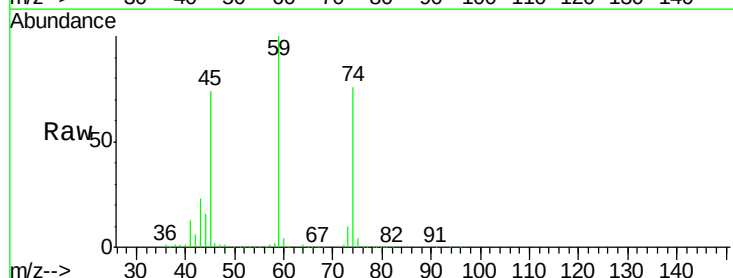
Tot Ion:101 Resp: 91581
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.8 79.2

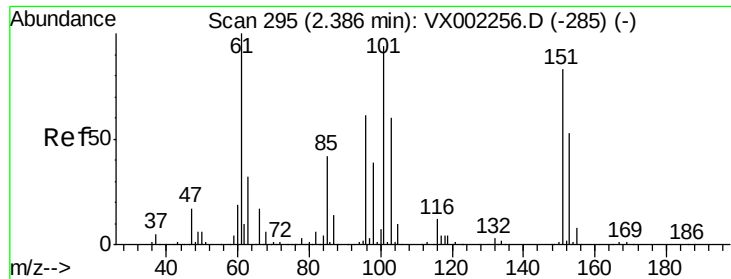


#8

Diethyl Ether
 Concen: 18.78 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion: 74 Resp: 34304
 Ion Ratio Lower Upper
 74 100
 45 102.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.84 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

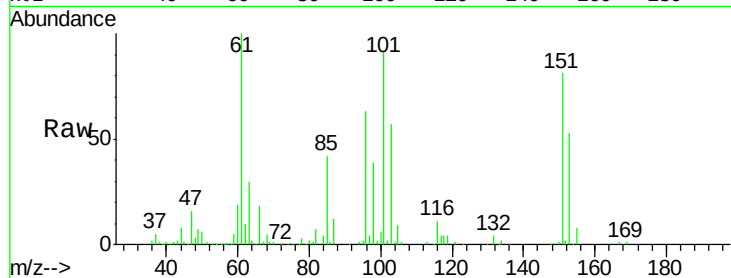
Tot Ion:101 Resp: 50970

Ion Ratio Lower Upper

101 100

85 45.8 36.0 54.0

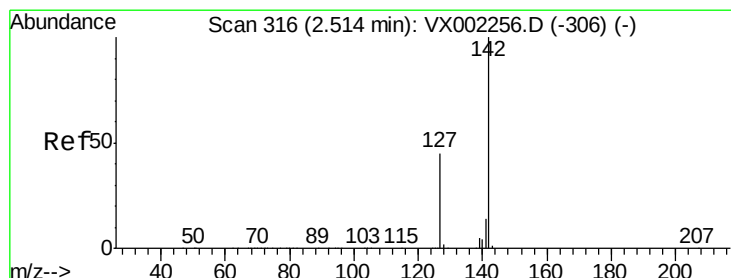
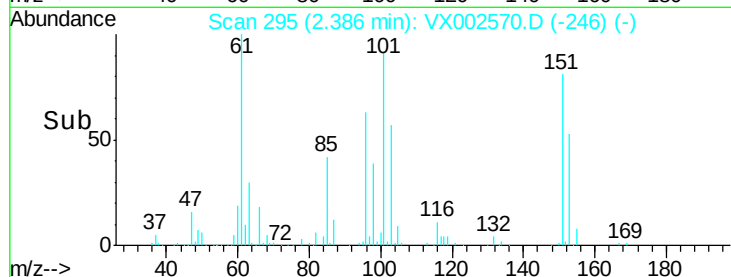
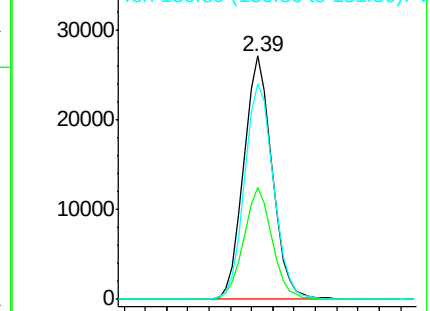
151 90.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.11 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

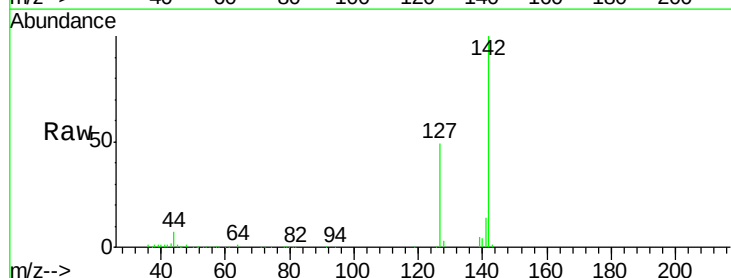
Tgt Ion:142 Resp: 58229

Ion Ratio Lower Upper

142 100

127 47.8 36.6 55.0

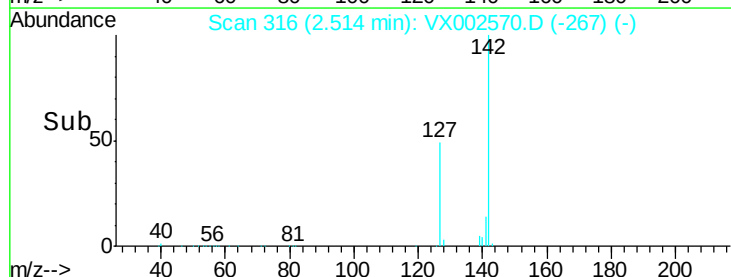
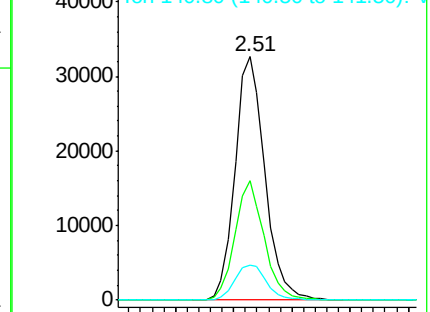
141 15.3 11.3 16.9

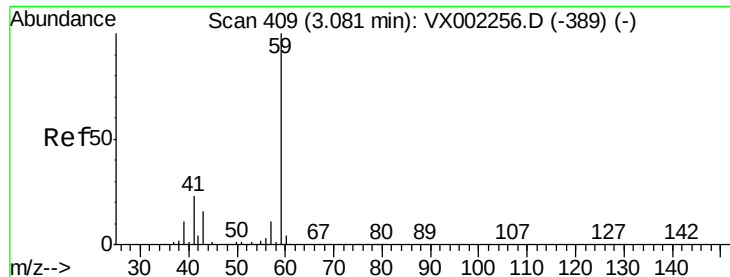


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 81.29 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

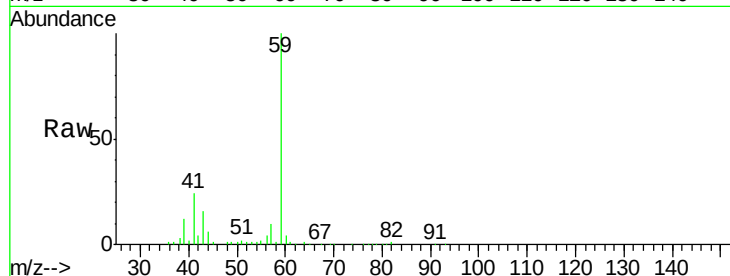
ClientSampleId :

Tot Ion: 59 Resp: 66151

Ion Ratio Lower Upper

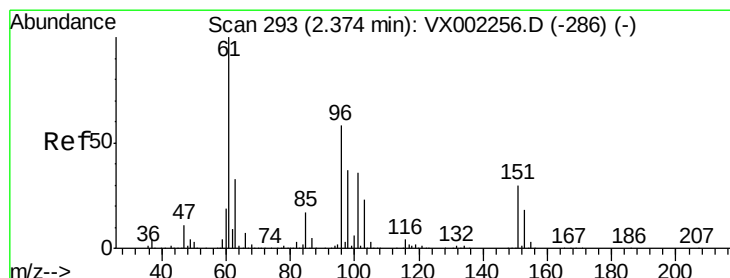
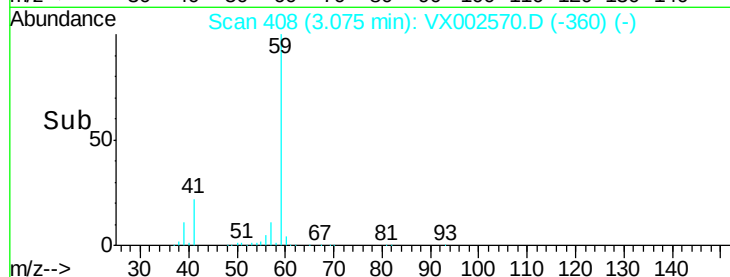
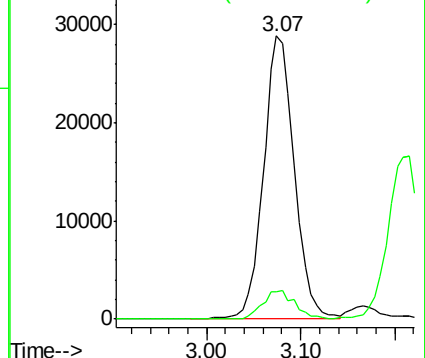
59 100

57 10.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.29 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

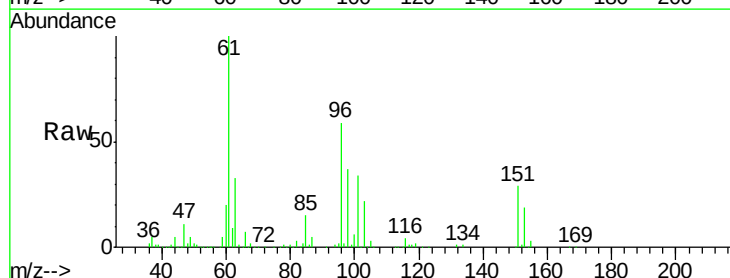
Tgt Ion: 96 Resp: 46425

Ion Ratio Lower Upper

96 100

61 170.6 137.9 206.9

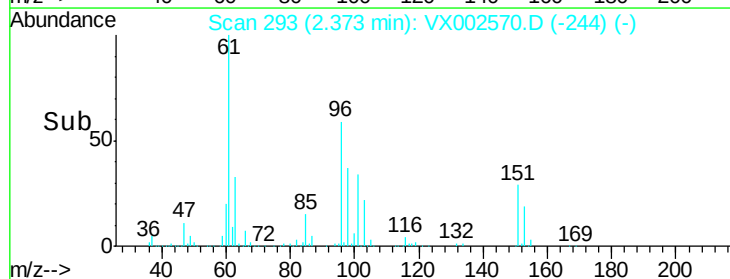
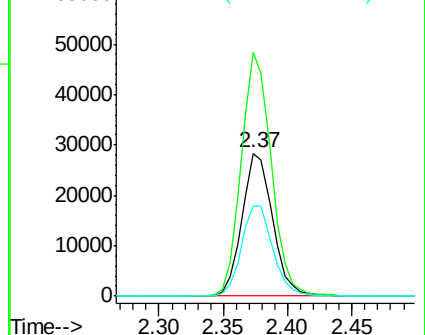
98 62.7 51.6 77.4

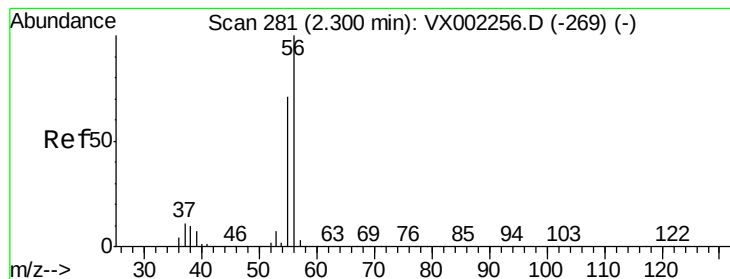


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 28.02 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

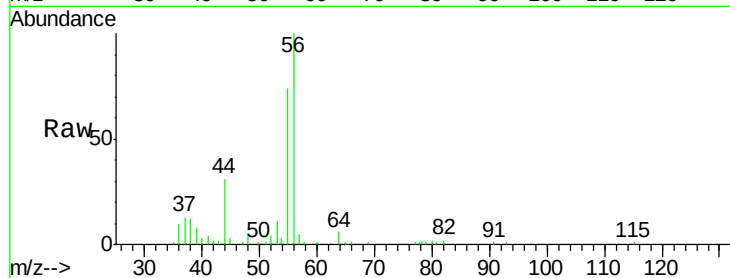
ClientSampleId :

Tot Ion: 56 Resp: 12421

Ion Ratio Lower Upper

56 100

55 71.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

8000

6000

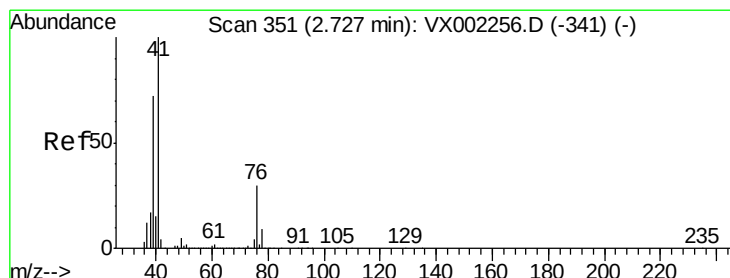
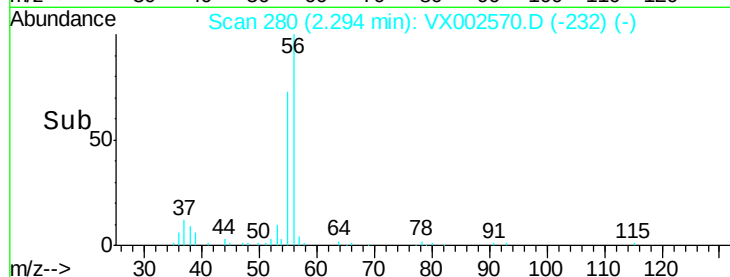
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 16.28 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

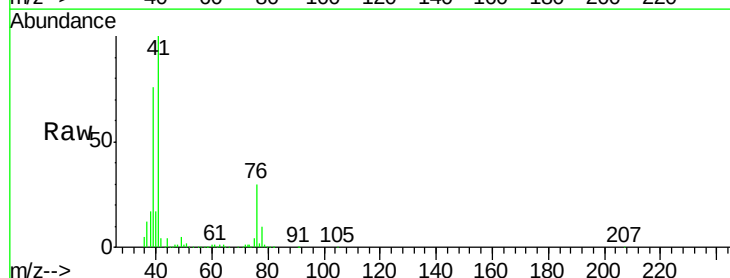
Tgt Ion: 41 Resp: 89676

Ion Ratio Lower Upper

41 100

39 73.1 56.8 85.2

76 29.4 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

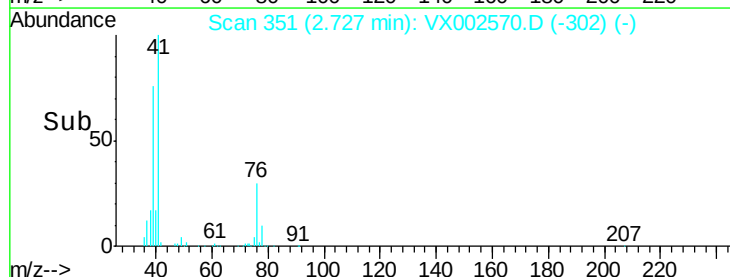
20000

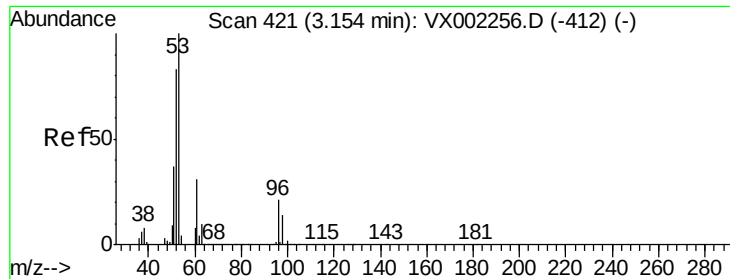
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 97.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

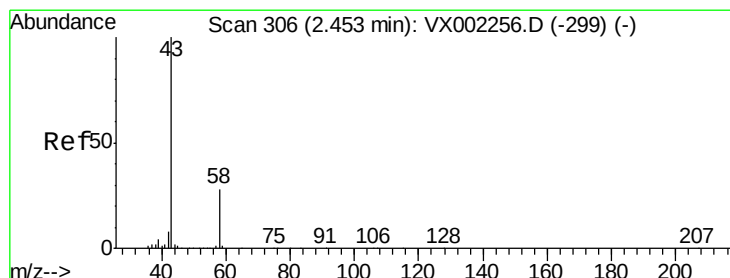
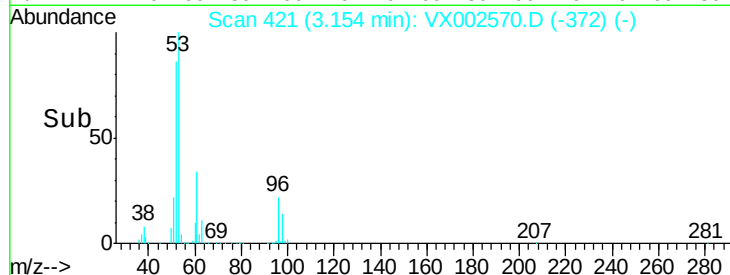
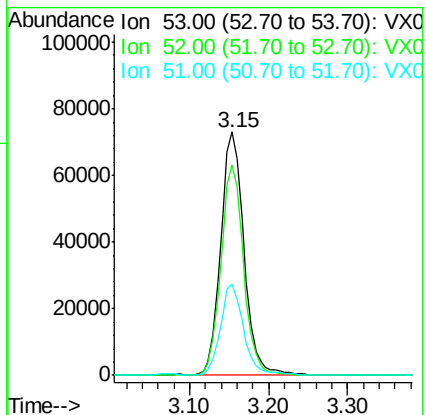
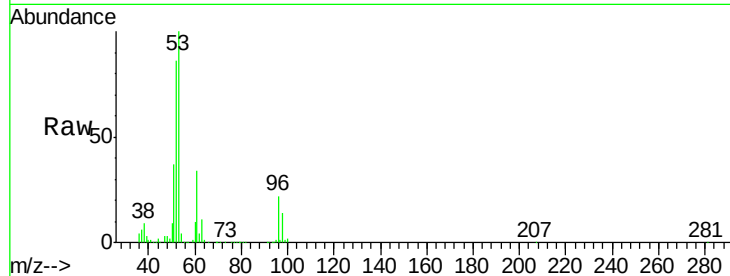
Tot Ion: 53 Resp: 149819

Ion Ratio Lower Upper

53 100

52 83.9 66.7 100.1

51 37.0 29.9 44.9



#16

Acetone

Concen: 81.66 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002570.D

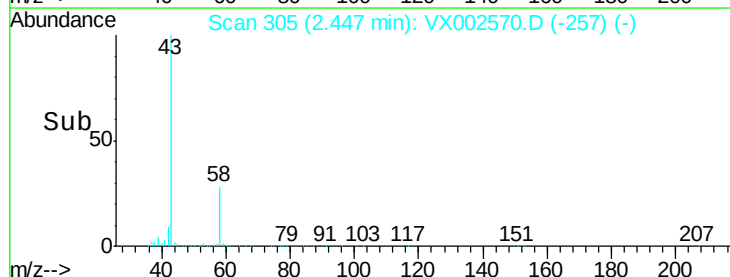
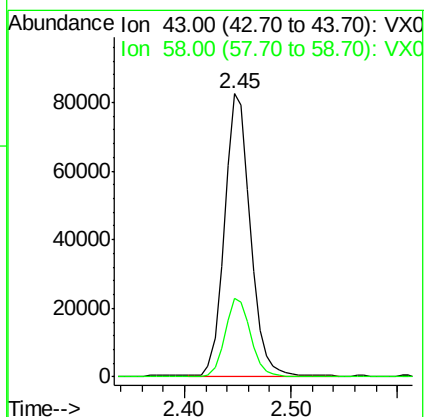
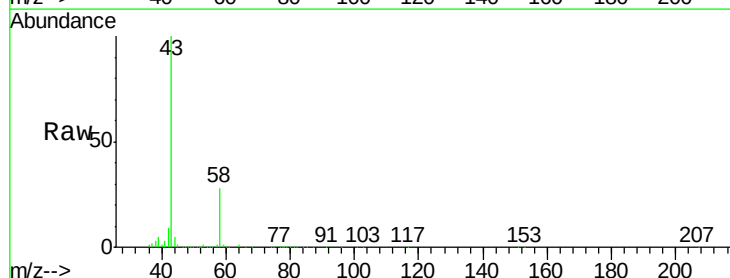
Acq: 15 Jun 2018 00:17

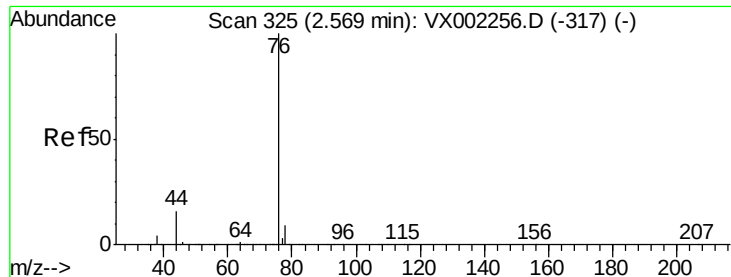
Tgt Ion: 43 Resp: 138708

Ion Ratio Lower Upper

43 100

58 27.9 22.1 33.1





#17

Carbon Disulfide

Concen: 13.59 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

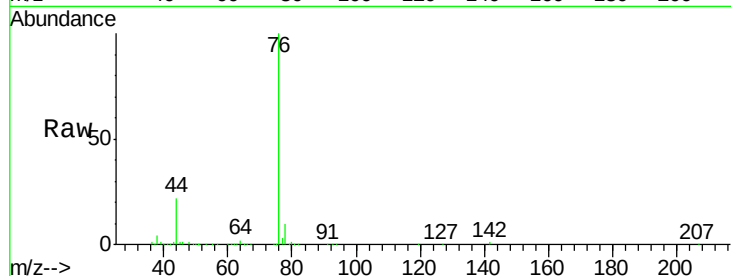
ClientSampled :

Tot Ion: 76 Resp: 90928

Ion Ratio Lower Upper

76 100

78 9.9 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

30000

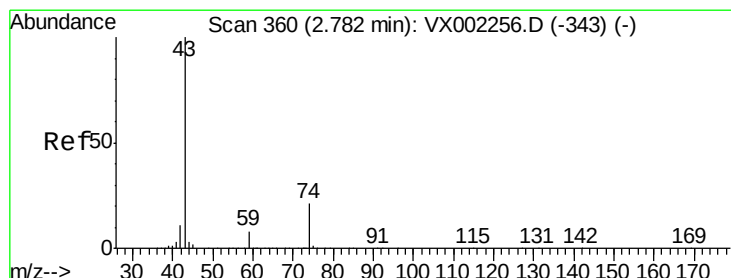
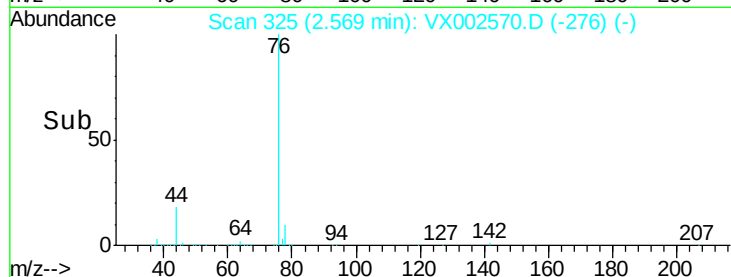
20000

10000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 20.04 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002570.D

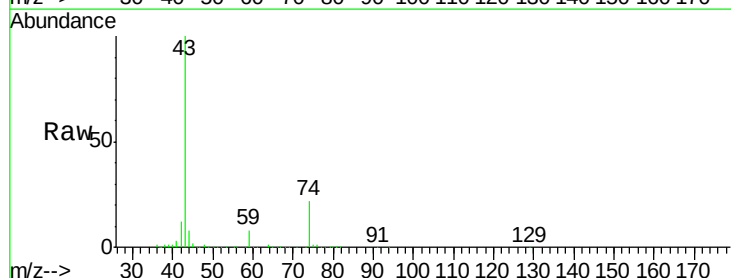
Acq: 15 Jun 2018 00:17

Tgt Ion: 43 Resp: 73984

Ion Ratio Lower Upper

43 100

74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

40000

30000

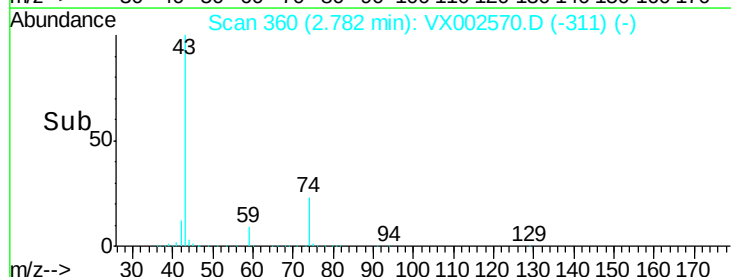
20000

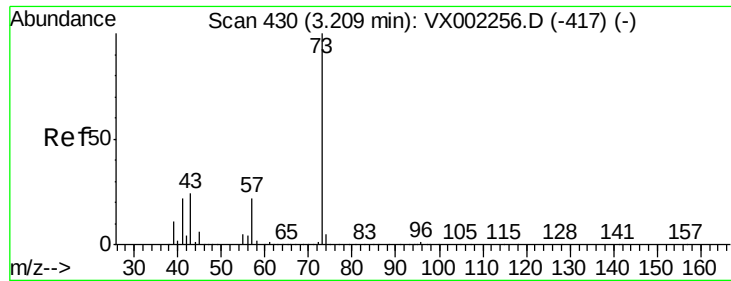
10000

0

Time-->

2.65 2.70 2.75 2.80 2.85

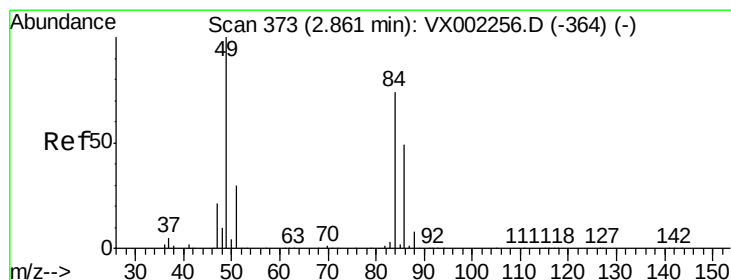
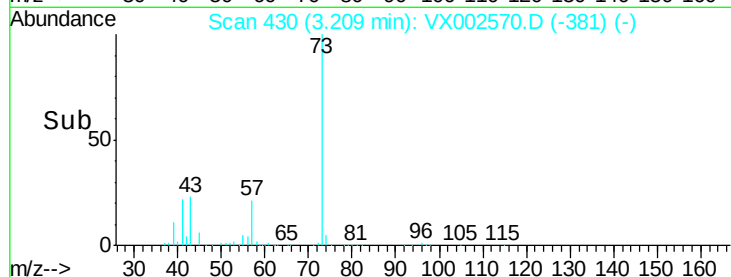
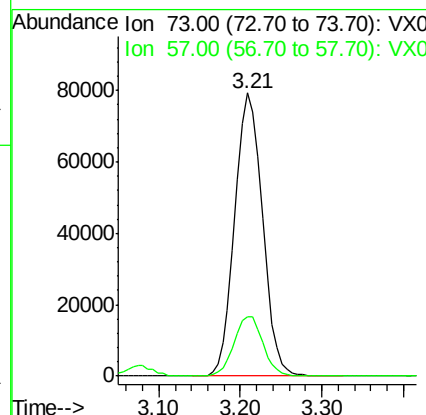
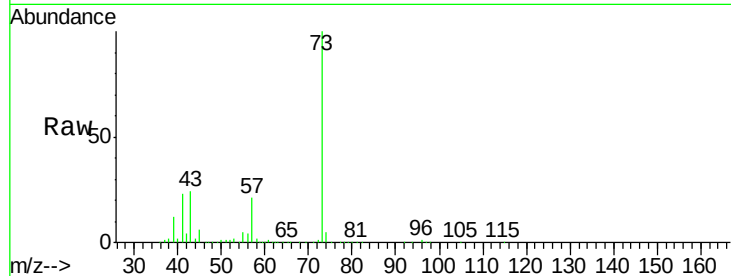




#19
Methyl tert-butyl Ether
Concen: 19.65 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

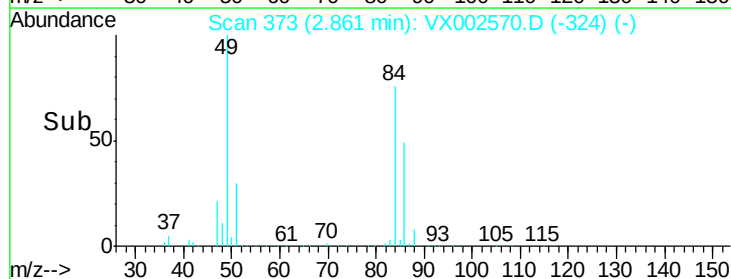
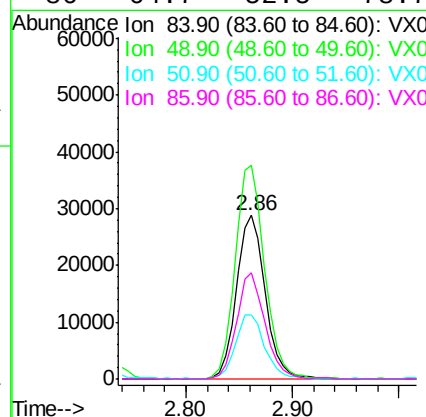
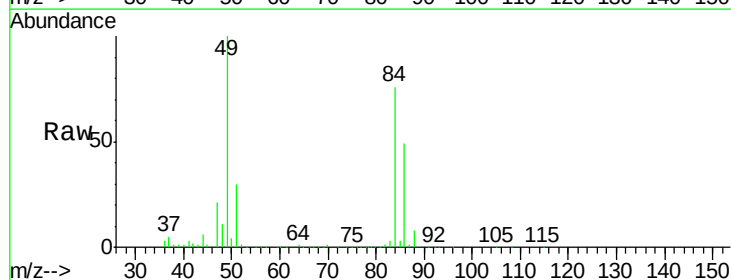
Instrument :
MSVOA_X
ClientSampleId :

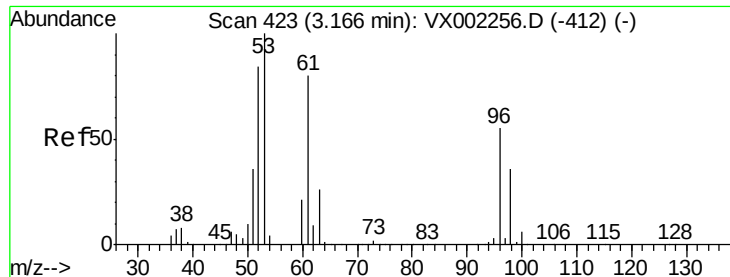
Tot Ion: 73 Resp: 186595
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5



#20
Methylene Chloride
Concen: 18.45 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 84 Resp: 54449
Ion Ratio Lower Upper
84 100
49 130.6 107.8 161.6
51 39.2 32.8 49.2
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.69 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampled :

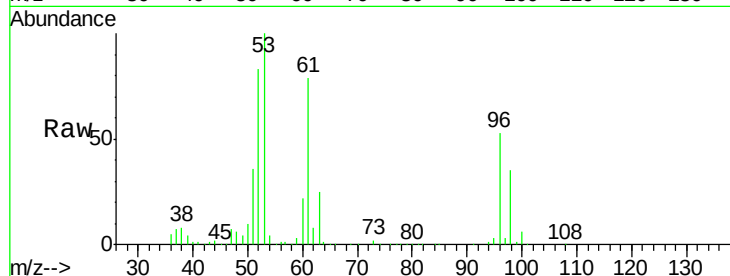
Tot Ion: 96 Resp: 49540

Ion Ratio Lower Upper

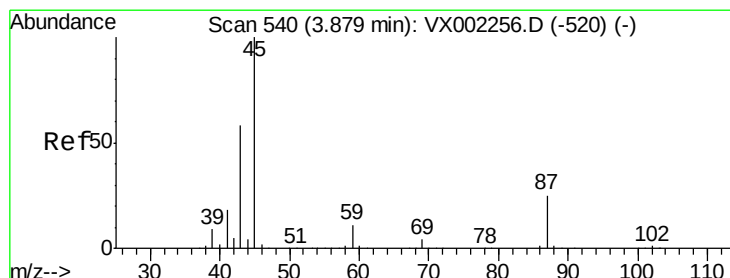
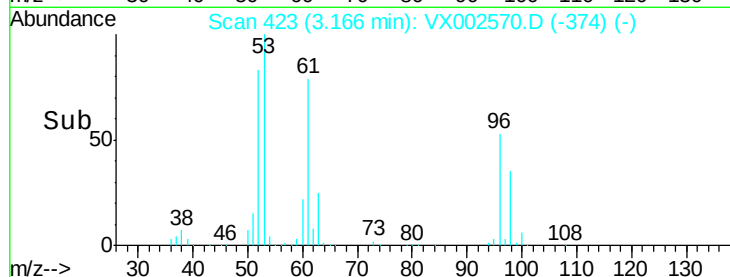
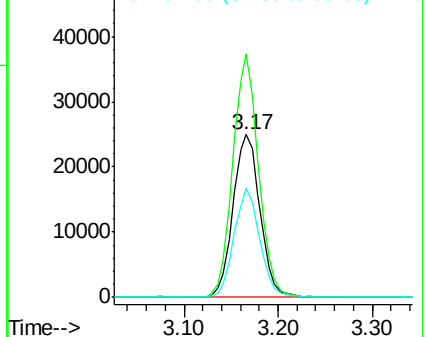
96 100

61 149.6 117.0 175.4

98 66.7 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.52 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Tgt Ion: 45 Resp: 170202

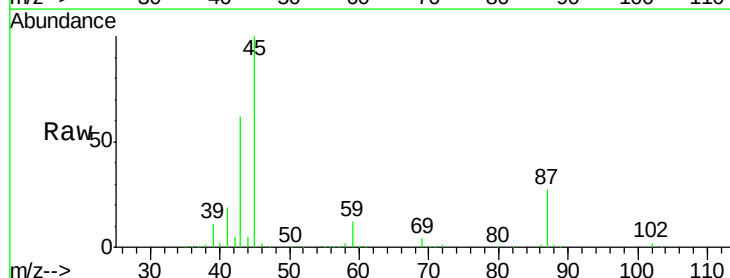
Ion Ratio Lower Upper

45 100

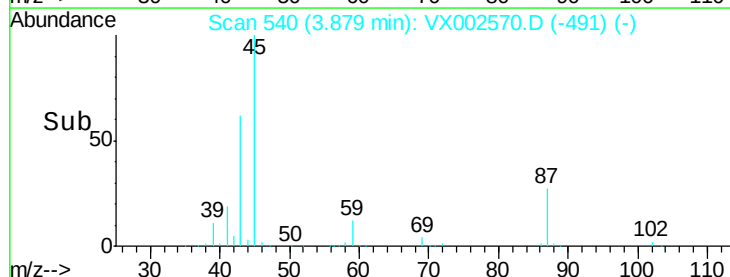
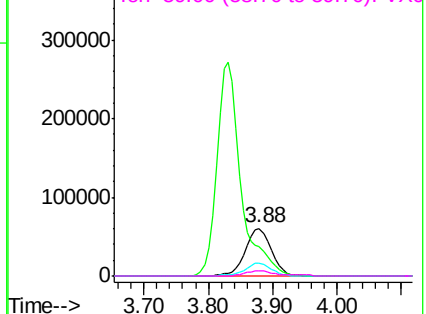
43 61.5 46.8 70.2

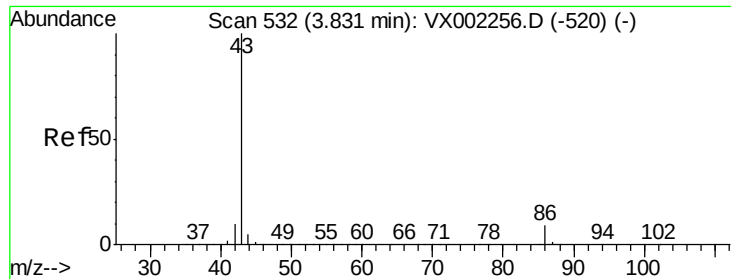
87 27.0 20.2 30.4

59 11.6 8.7 13.1



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





#23

Vinyl Acetate

Concen: 79.77 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

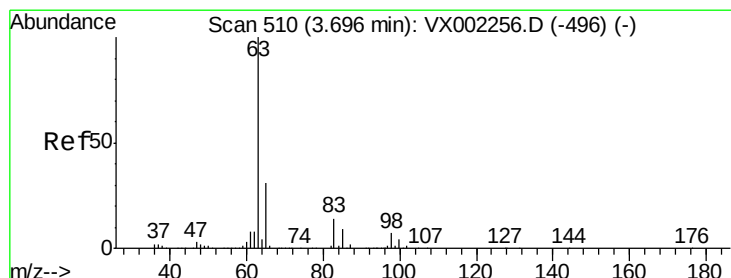
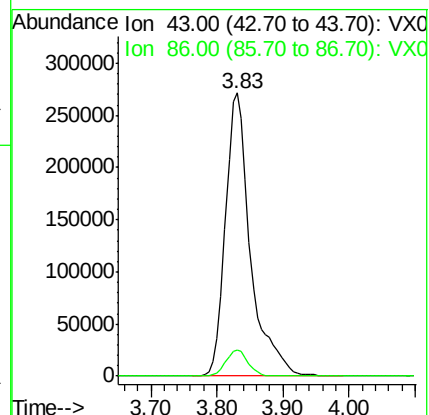
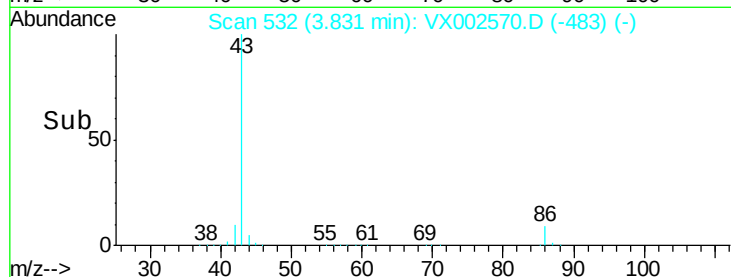
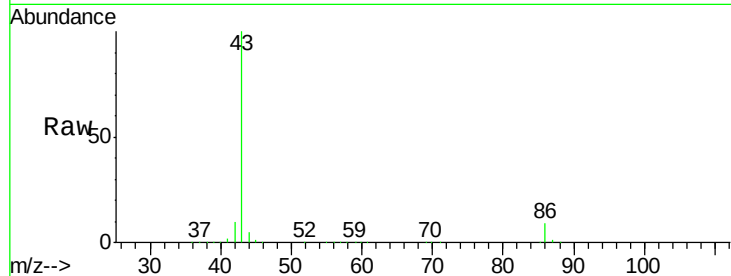
ClientSampleId :

Tot Ion: 43 Resp: 712500

Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0



#24

1,1-Dichloroethane

Concen: 16.63 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

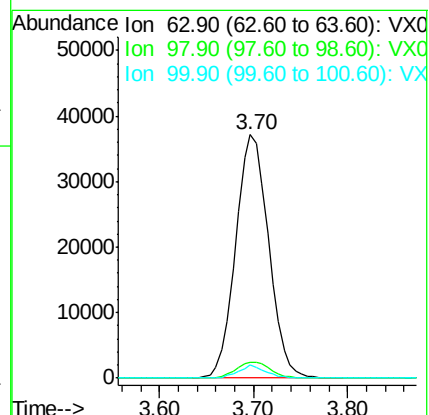
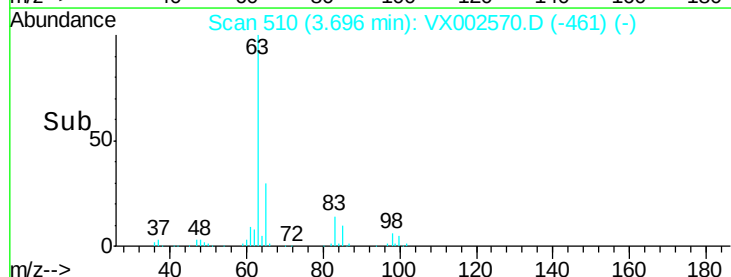
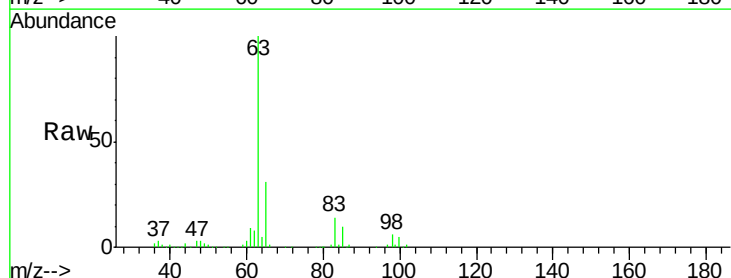
Tgt Ion: 63 Resp: 90589

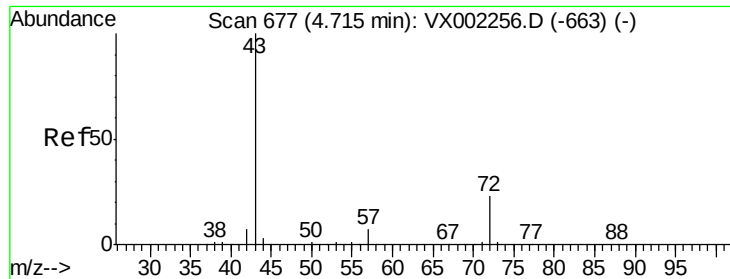
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 5.2 2.0 6.0





#25

2-Butanone

Concen: 82.18 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

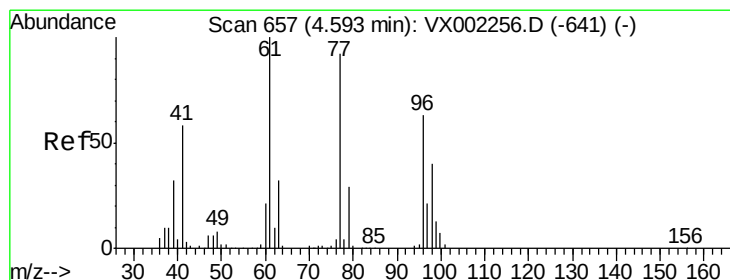
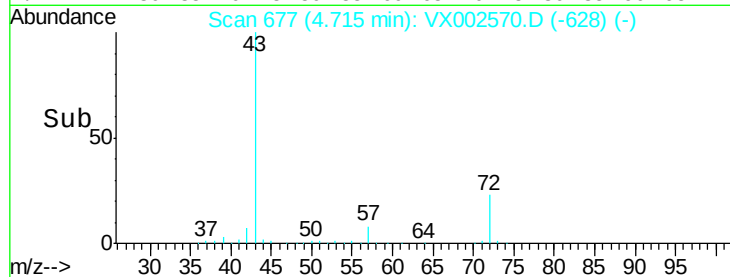
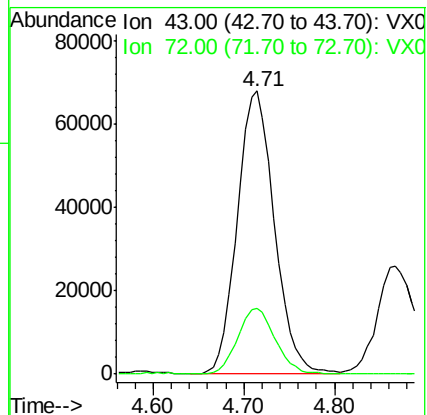
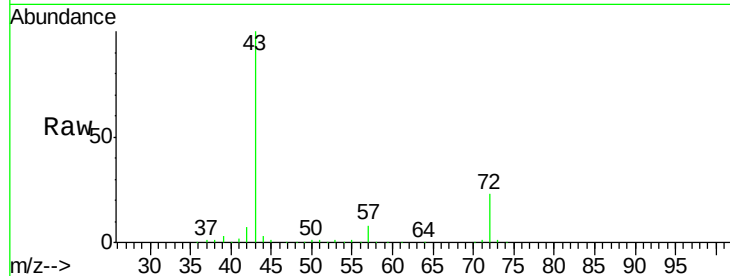
ClientSampleId :

Tot Ion: 43 Resp: 192163

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 12.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002570.D

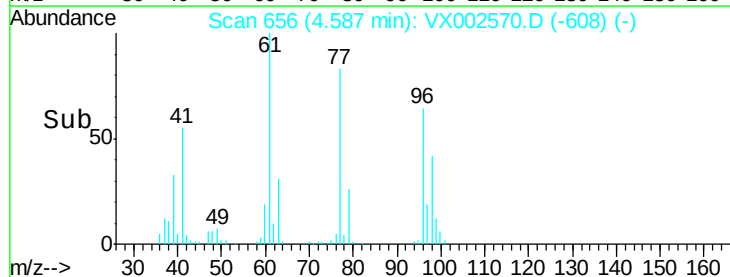
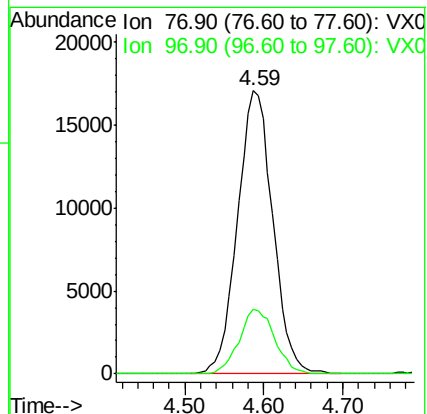
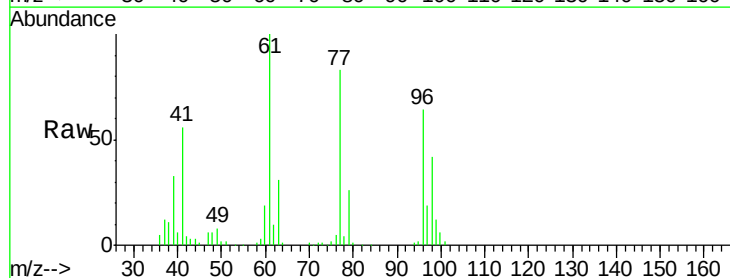
Acq: 15 Jun 2018 00:17

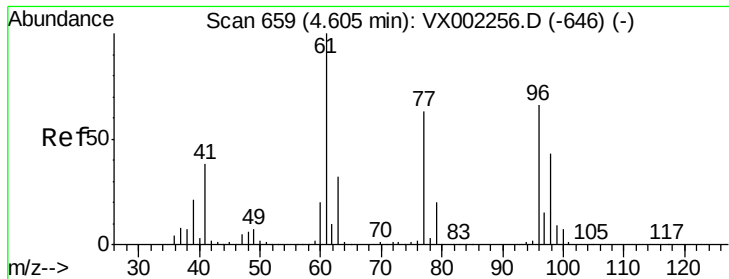
Tgt Ion: 77 Resp: 53031

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 17.41 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

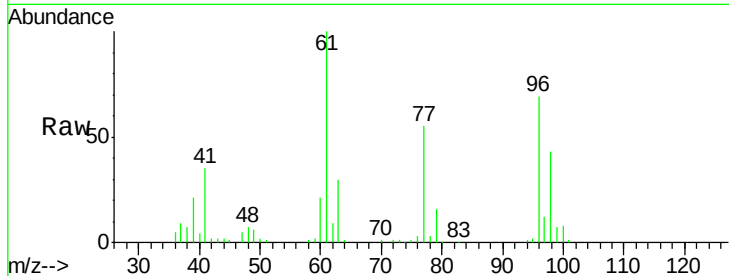
Tot Ion: 96 Resp: 52998

Ion Ratio Lower Upper

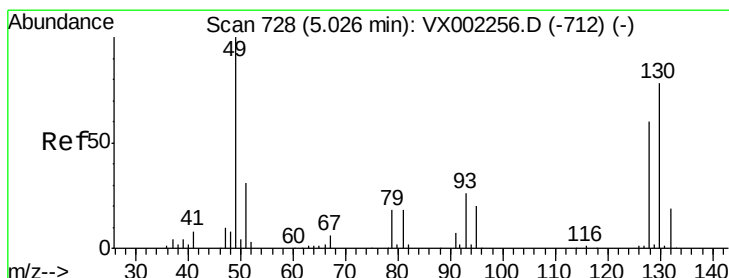
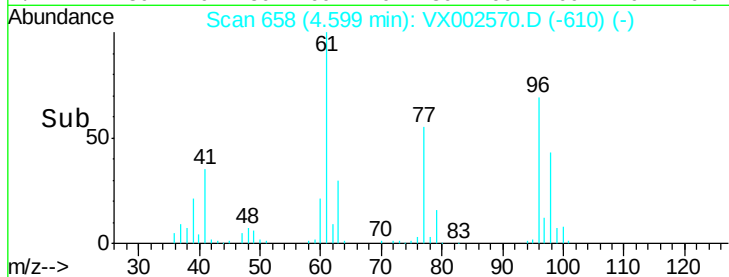
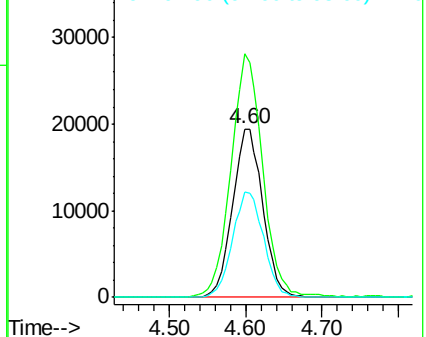
96 100

61 152.2 0.0 330.2

98 64.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.62 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

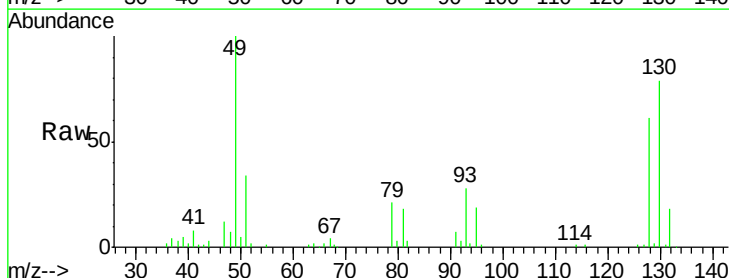
Tgt Ion: 49 Resp: 48309

Ion Ratio Lower Upper

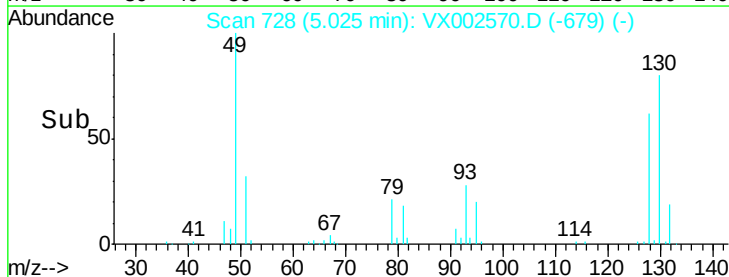
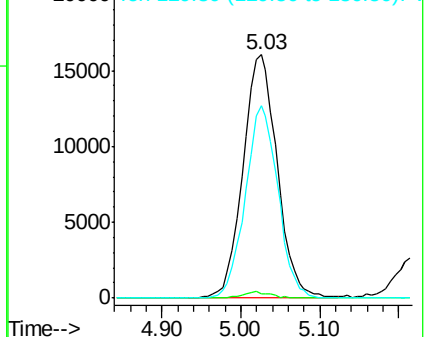
49 100

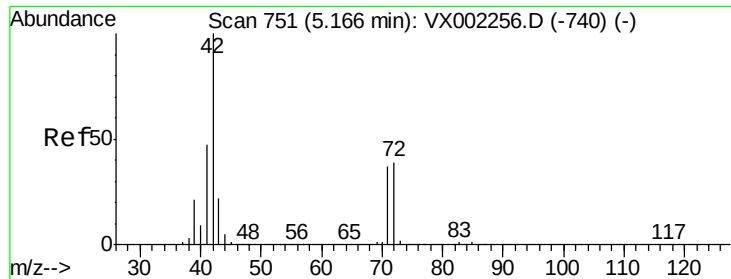
129 2.1 0.0 4.2

130 75.4 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

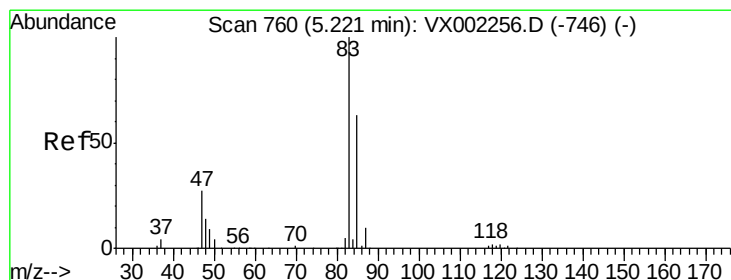
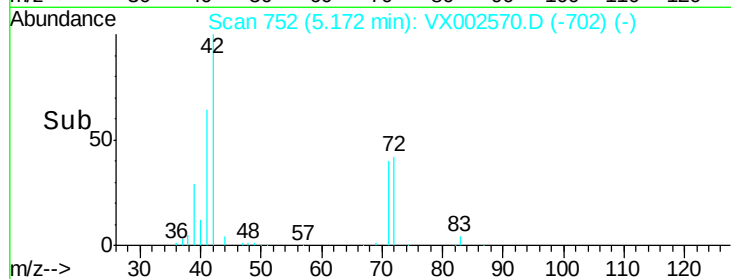
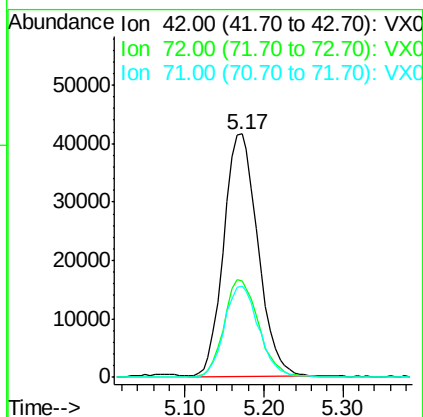
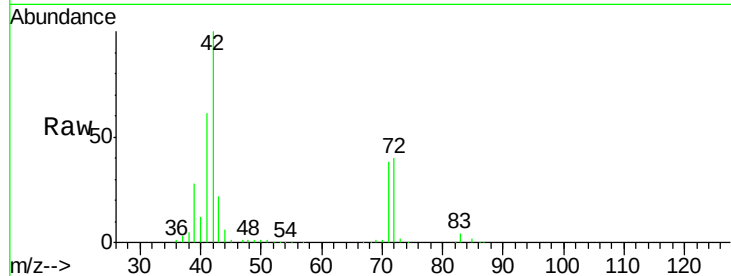




#29
Tetrahydrofuran
Concen: 83.67 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

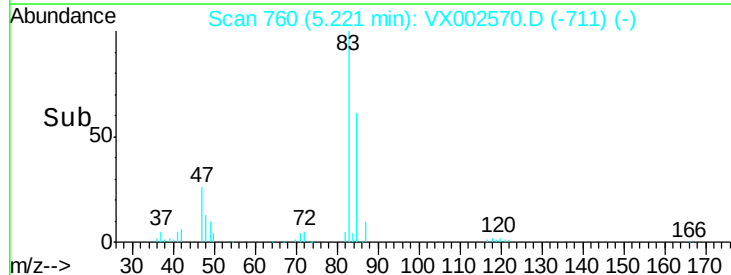
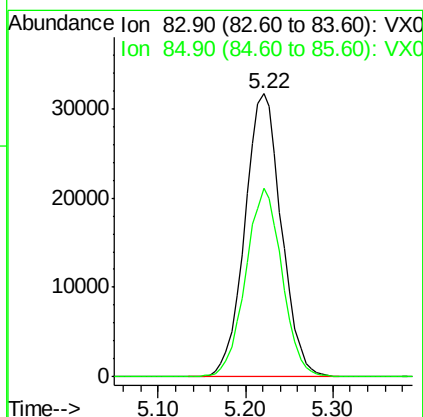
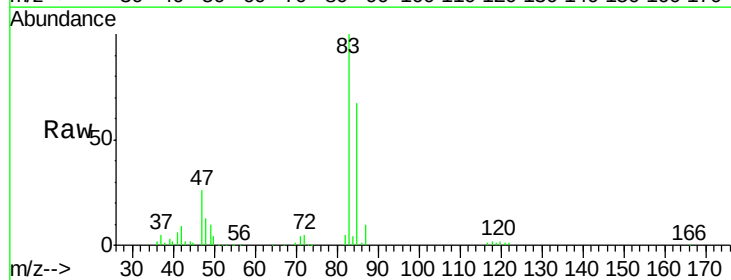
Instrument :
MSVOA_X
ClientSampled :

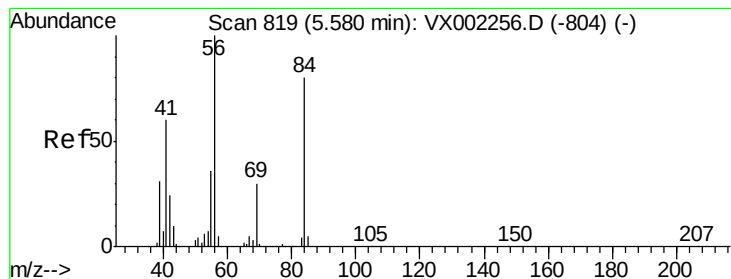
Tot Ion: 42 Resp: 126141
Ion Ratio Lower Upper
42 100
72 40.7 32.0 48.0
71 37.9 30.1 45.1



#30
Chloroform
Concen: 17.49 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 83 Resp: 91929
Ion Ratio Lower Upper
83 100
85 66.7 50.4 75.6





#31

Cyclohexane

Concen: 16.67 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

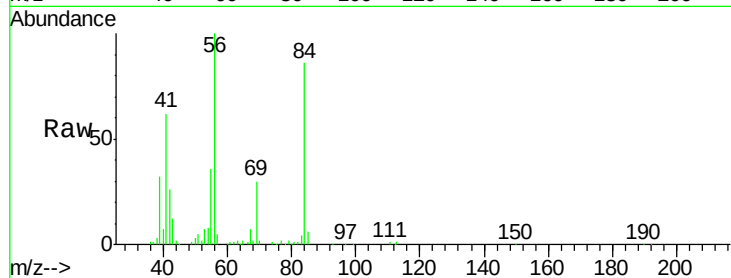
Tot Ion: 56 Resp: 71788

Ion Ratio Lower Upper

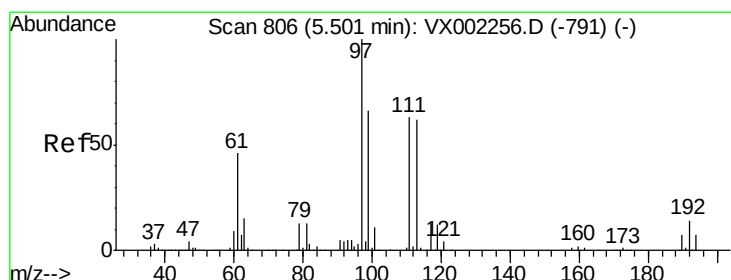
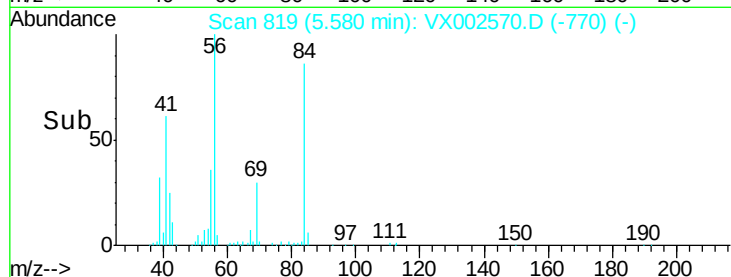
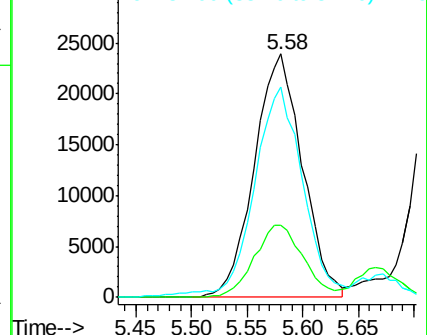
56 100

69 29.5 23.7 35.5

84 84.4 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 17.32 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

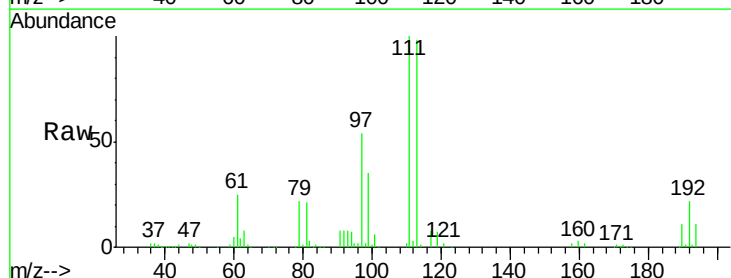
Tgt Ion: 97 Resp: 77171

Ion Ratio Lower Upper

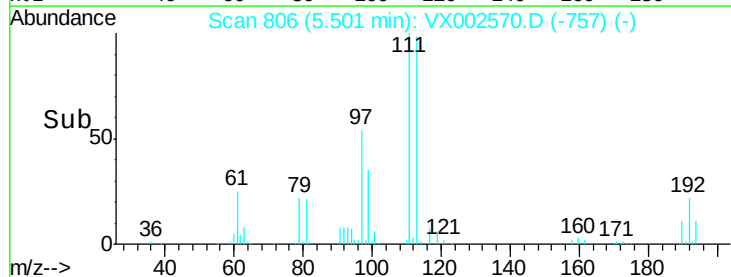
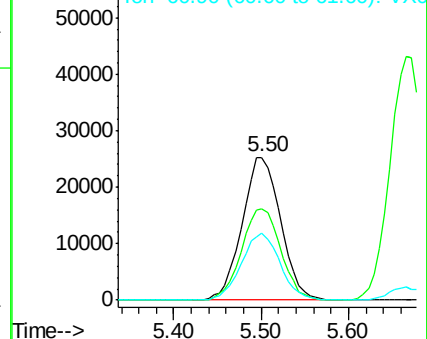
97 100

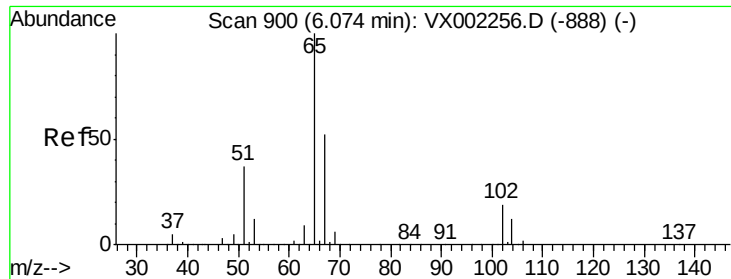
99 65.4 51.6 77.4

61 47.3 36.4 54.6



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

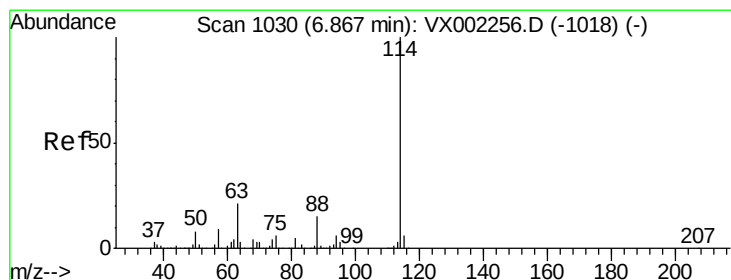
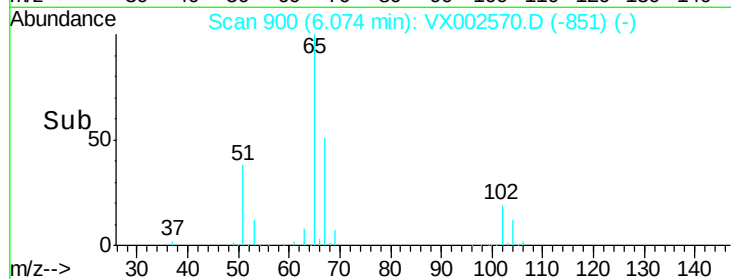
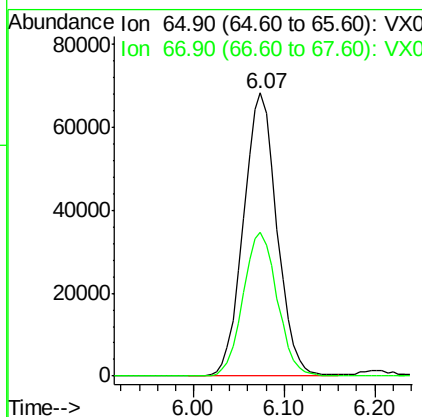
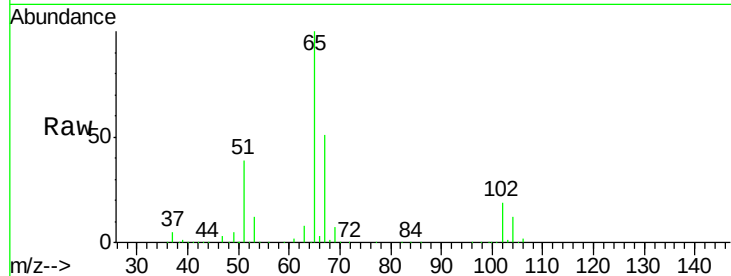




#33
 1,2-Dichloroethane-d4
 Concen: 51.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

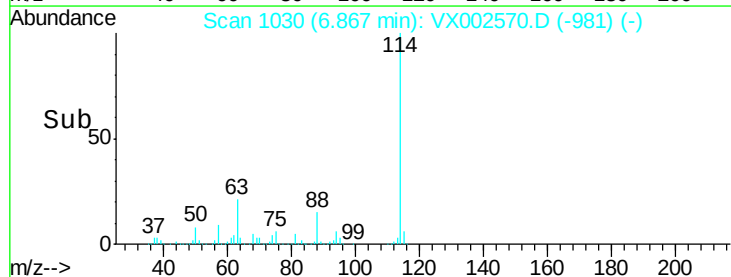
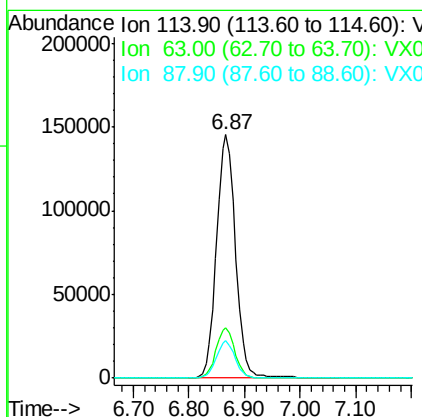
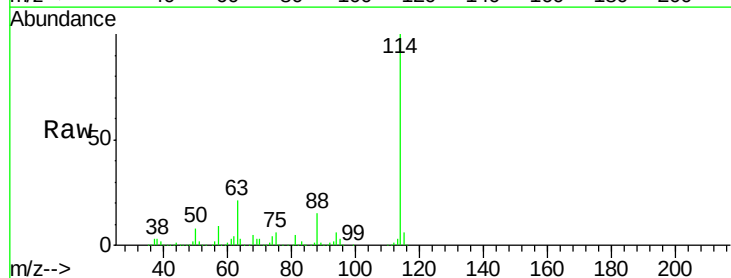
Instrument :
 MSVOA_X
 ClientSampleId :

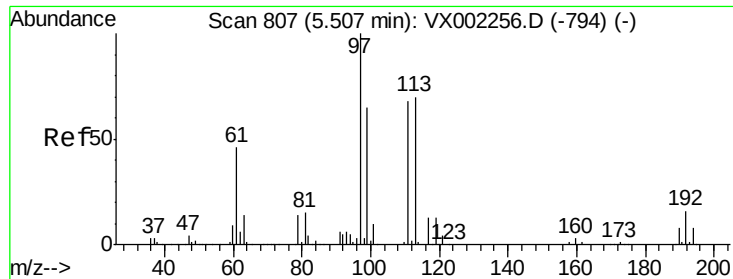
Tot Ion: 65 Resp: 174442
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion: 114 Resp: 345185
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.4
 88 15.4 0.0 30.0

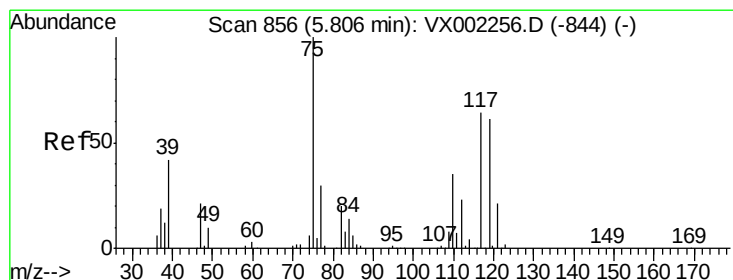
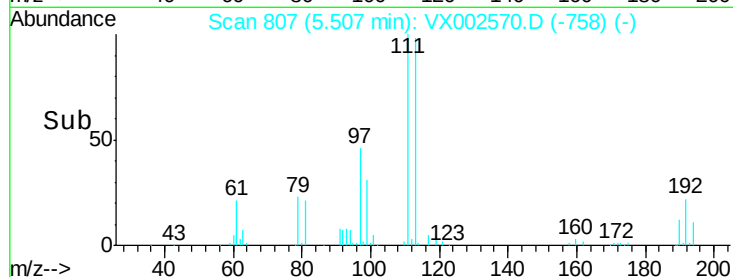
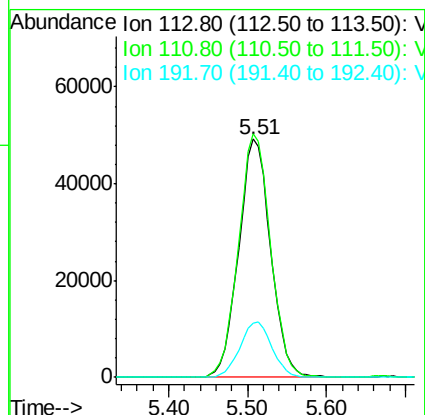
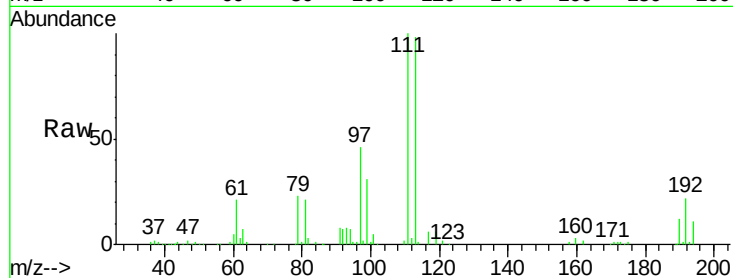




#35
 Dibromofluoromethane
 Concen: 51.11 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

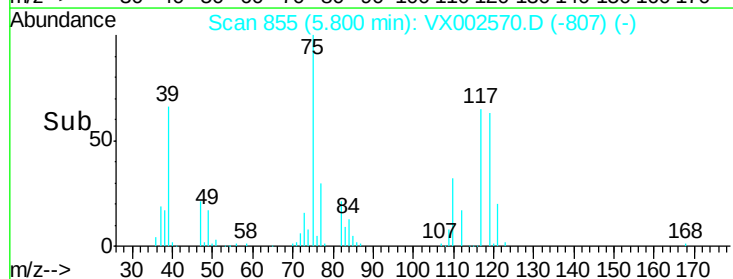
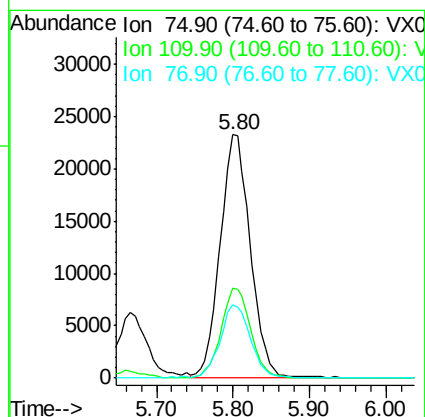
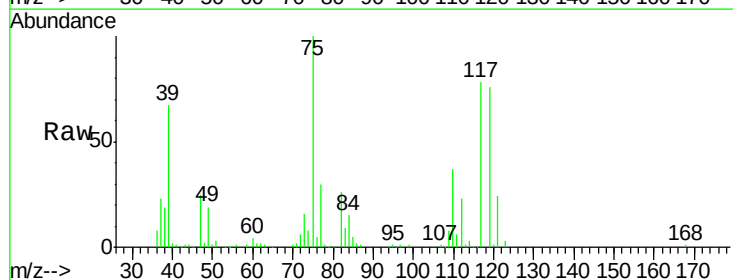
Instrument :
 MSVOA_X
 ClientSampleId :

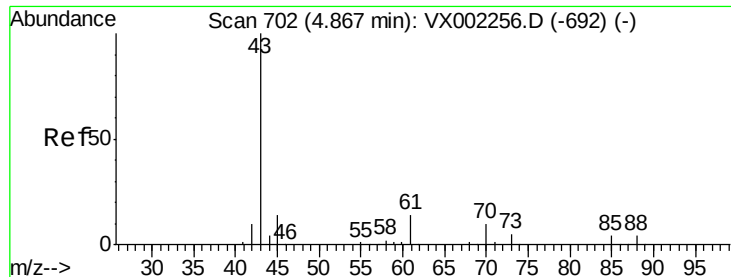
Tot Ion:113 Resp: 138748
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 23.3 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 17.54 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion: 75 Resp: 63656
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.4
 77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 17.45 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

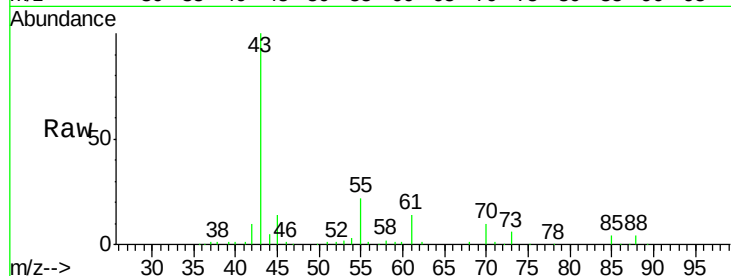
Tot Ion: 43 Resp: 76149

Ion Ratio Lower Upper

43 100

61 13.2 10.4 15.6

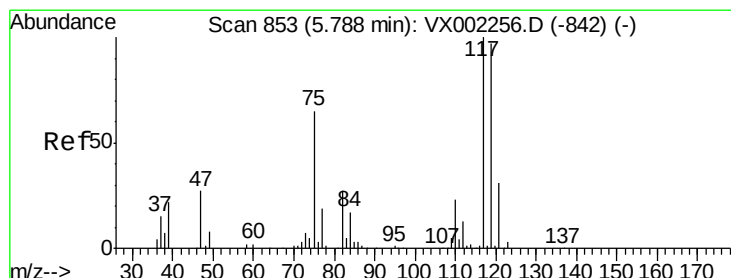
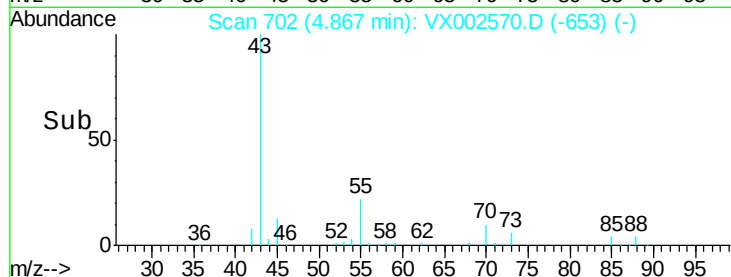
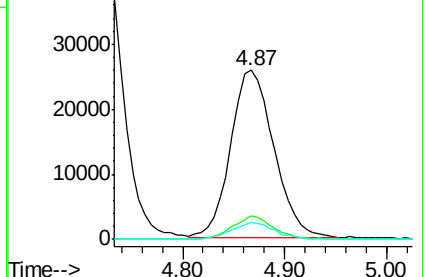
70 10.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 17.31 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

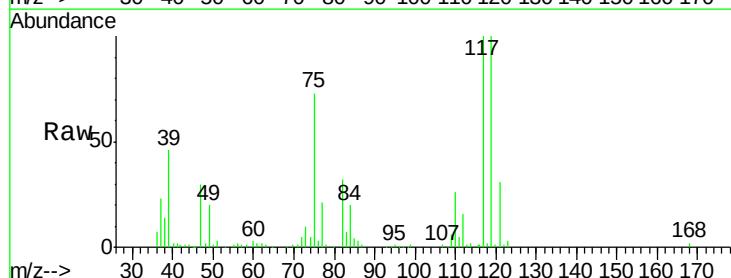
Tgt Ion: 117 Resp: 65707

Ion Ratio Lower Upper

117 100

119 99.9 77.4 116.0

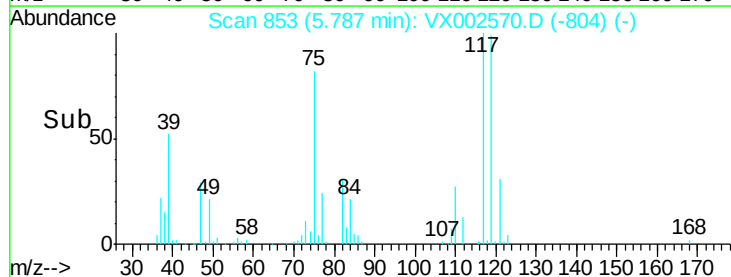
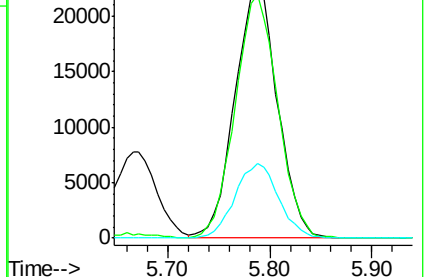
121 30.8 24.4 36.6

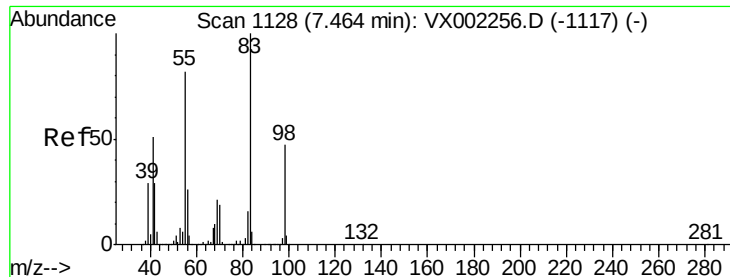


Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

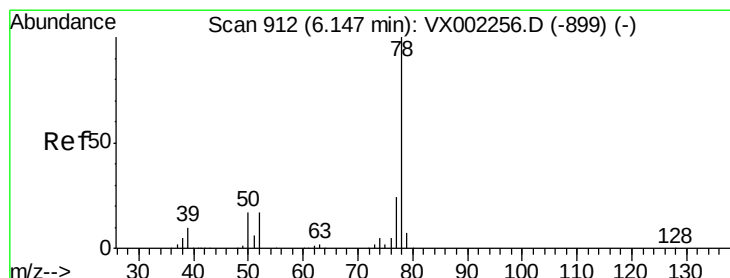
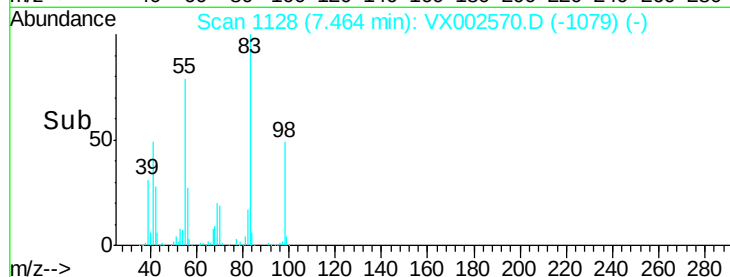
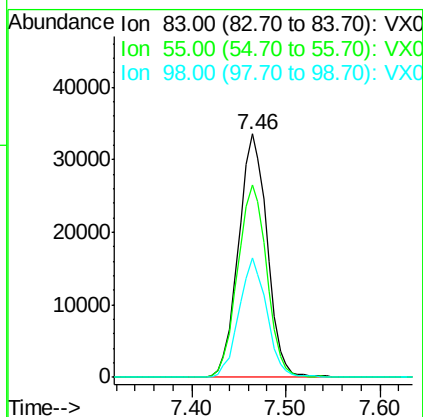
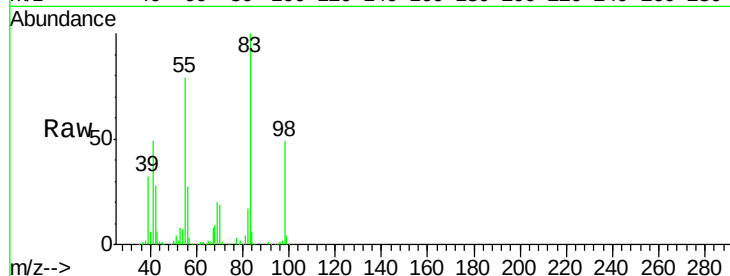




#39
Methylvlcyclohexane
Concen: 16.16 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

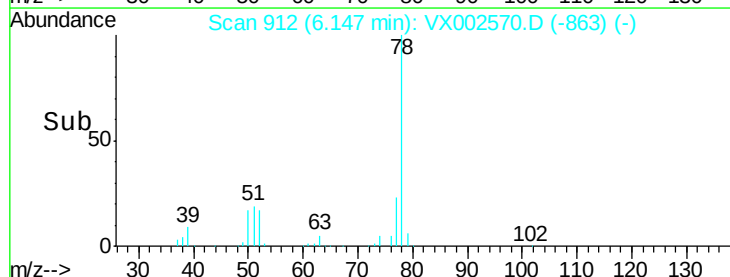
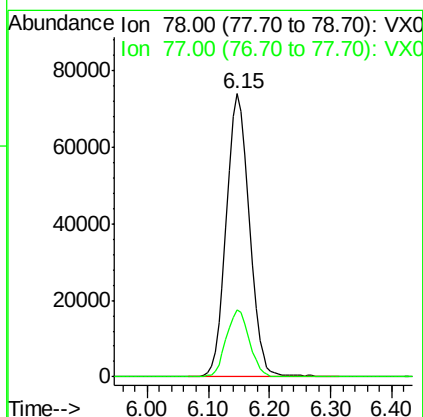
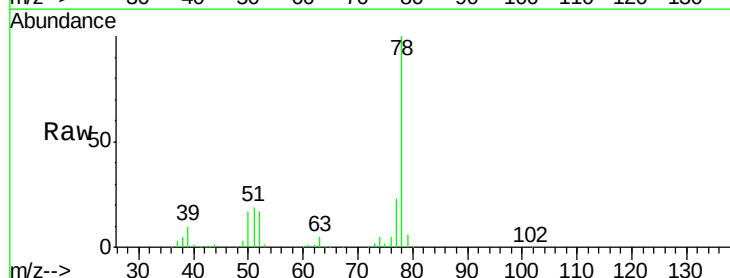
Instrument :
MSVOA_X
ClientSampled :

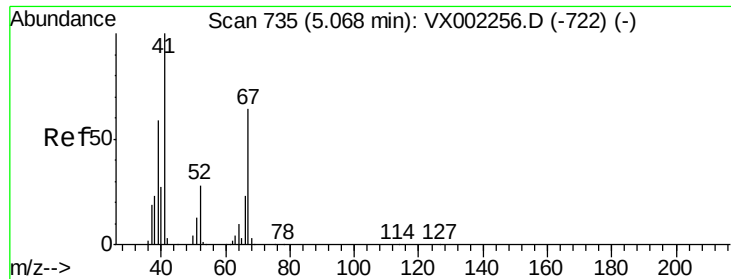
Tot Ion: 83 Resp: 71651
Ion Ratio Lower Upper
83 100
55 78.8 65.4 98.0
98 49.1 37.4 56.0



#40
Benzene
Concen: 17.34 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 78 Resp: 192941
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

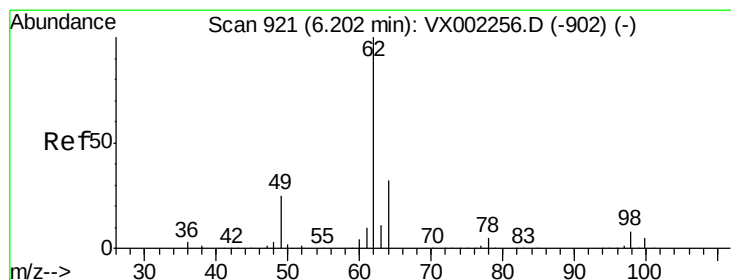
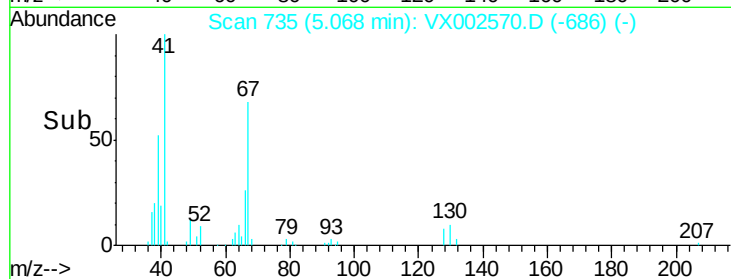
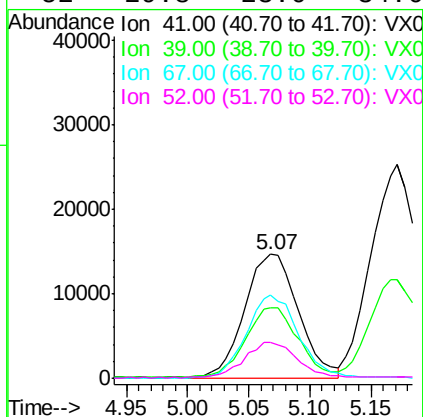
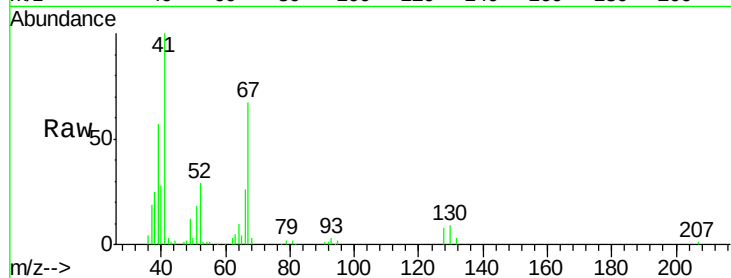




#41
Methacrylonitrile
Concen: 17.87 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

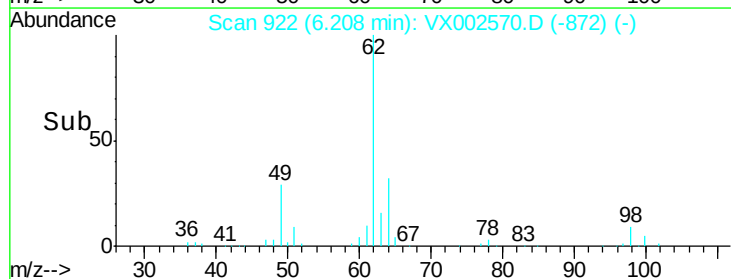
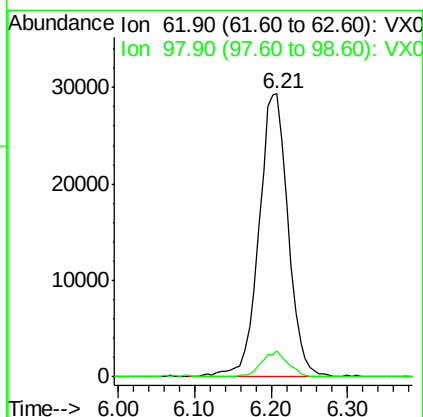
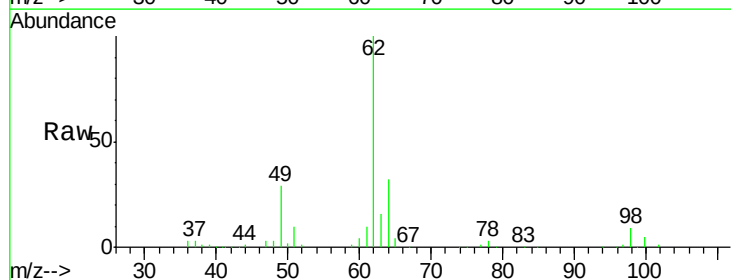
Instrument :
MSVOA_X
ClientSampled :

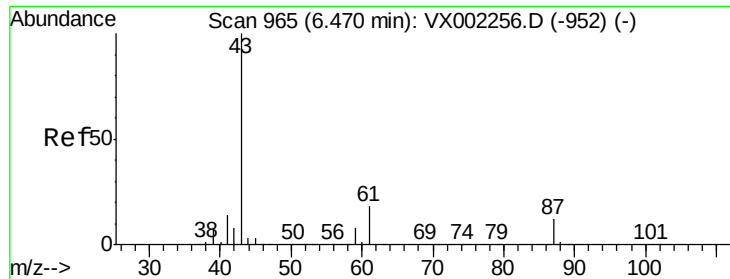
Tot Ion:	41	Resp:	44653
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	66.5	51.3	76.9
52	29.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 17.69 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion:	62	Resp:	78210
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 17.00 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

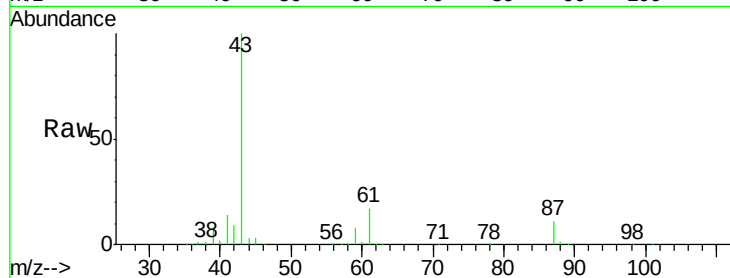
Tot Ion: 43 Resp: 126024

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

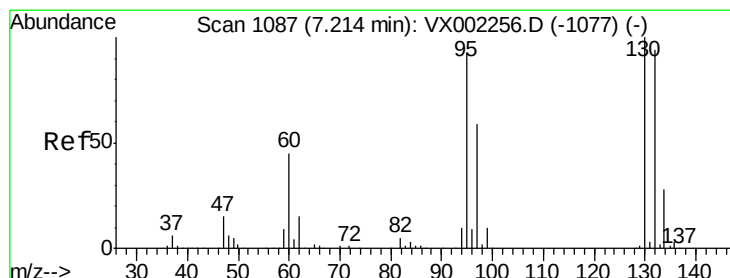
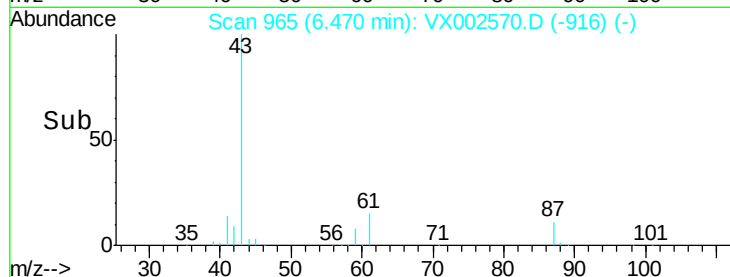
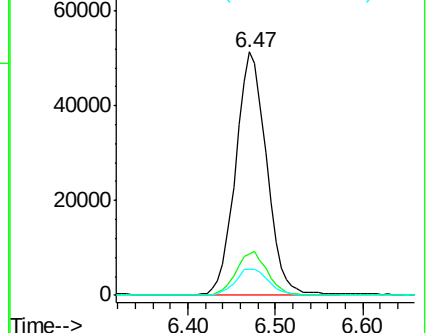
87 11.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

Ion 61.00 (60.70 to 61.70): VX002256.D (-952) (-)

Ion 87.00 (86.70 to 87.70): VX002256.D (-952) (-)



#44

Trichloroethene

Concen: 17.99 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002570.D

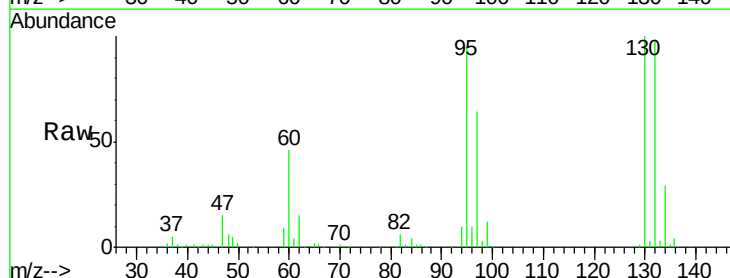
Acq: 15 Jun 2018 00:17

Tgt Ion:130 Resp: 55555

Ion Ratio Lower Upper

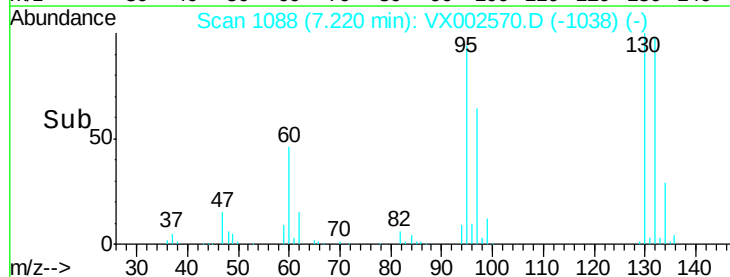
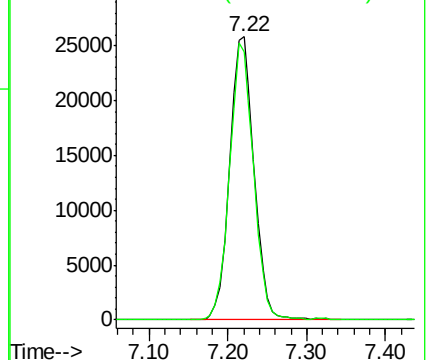
130 100

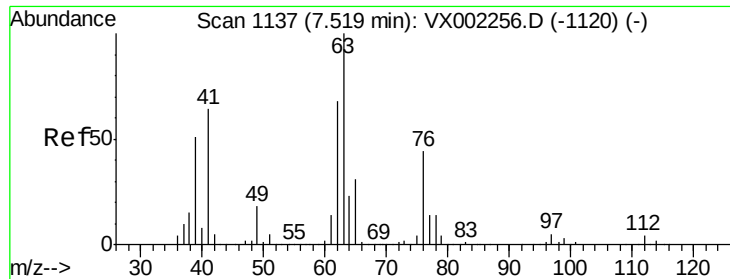
95 94.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002256.D (-1077) (-)

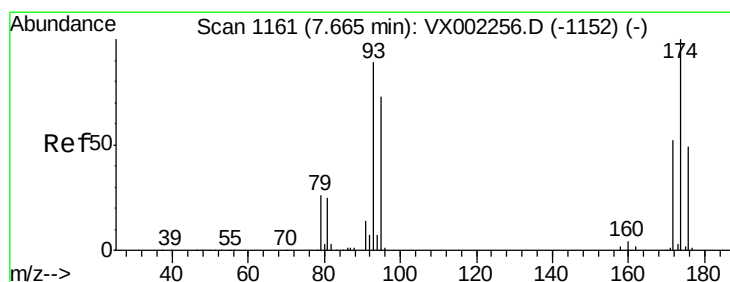
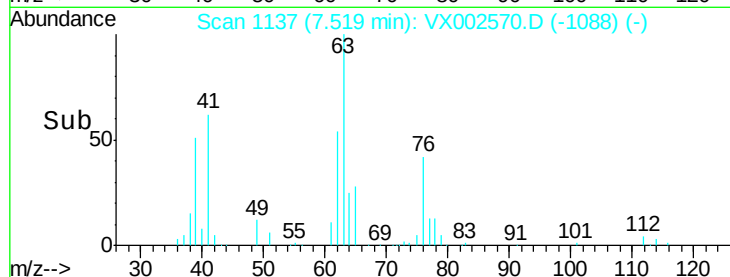
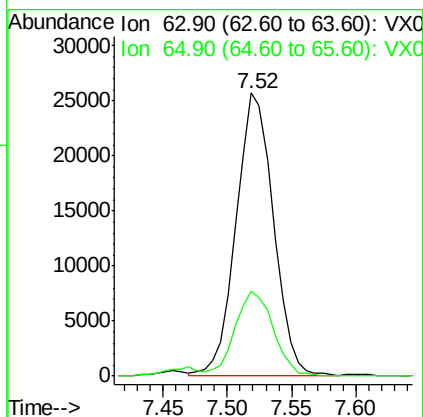
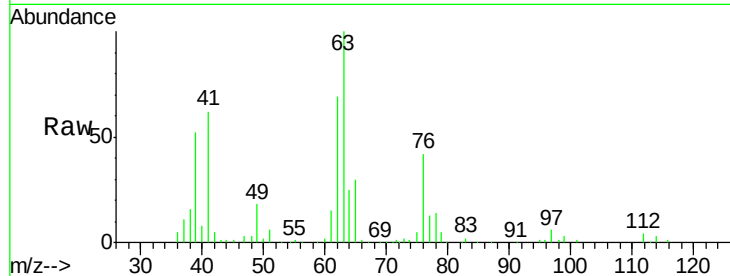




#45
 1,2-Dichloropropane
 Concen: 17.09 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

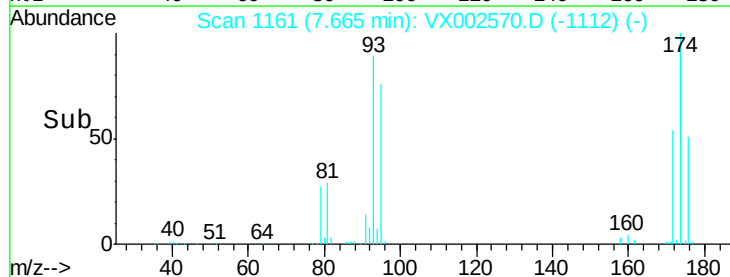
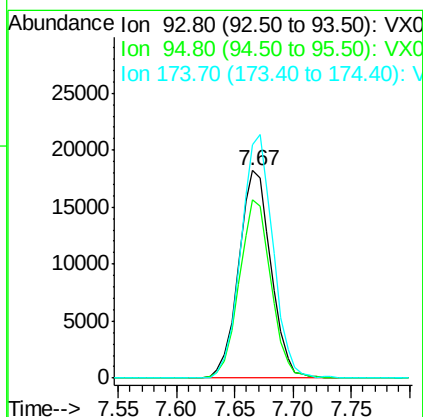
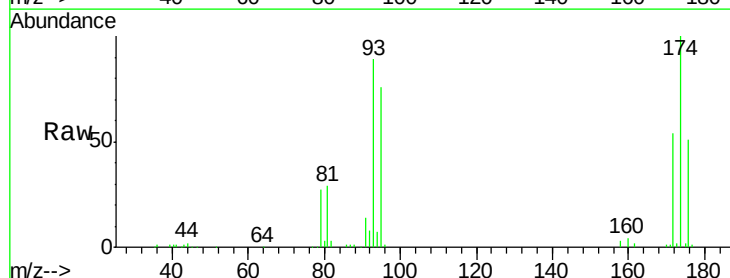
Instrument :
 MSVOA_X
 ClientSampled :

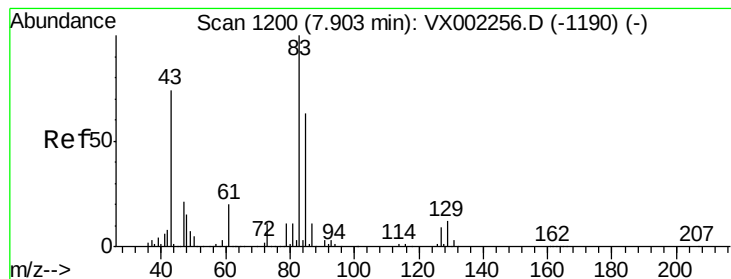
Tot Ion: 63 Resp: 51321
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1



#46
 Dibromomethane
 Concen: 17.34 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion: 93 Resp: 35306
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 115.7 92.4 138.6





#47

Bromodichloromethane

Concen: 16.82 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

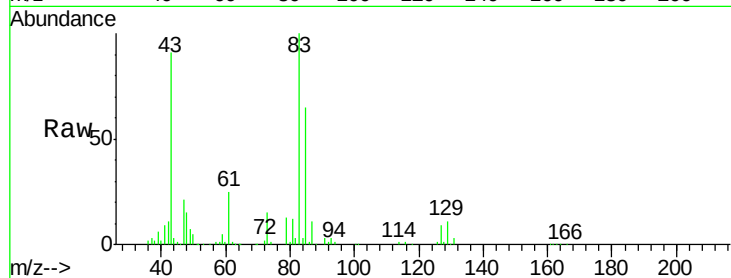
Tot Ion: 83 Resp: 61962

Ion Ratio Lower Upper

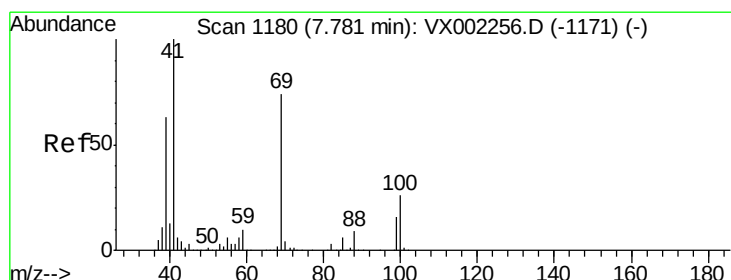
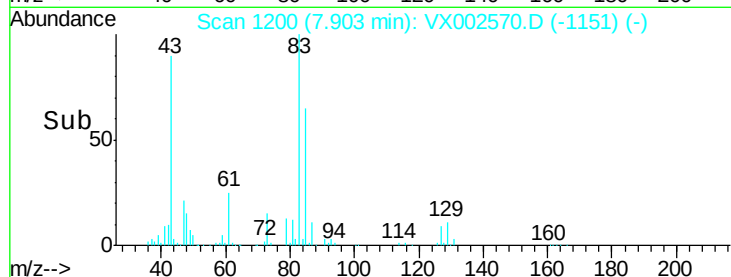
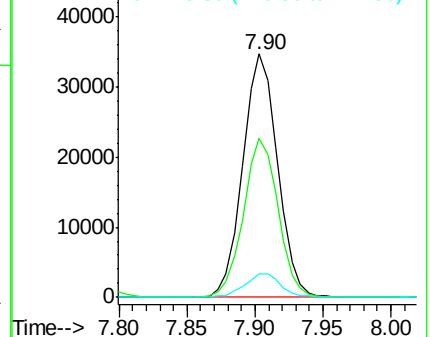
83 100

85 65.1 50.3 75.5

127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.37 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

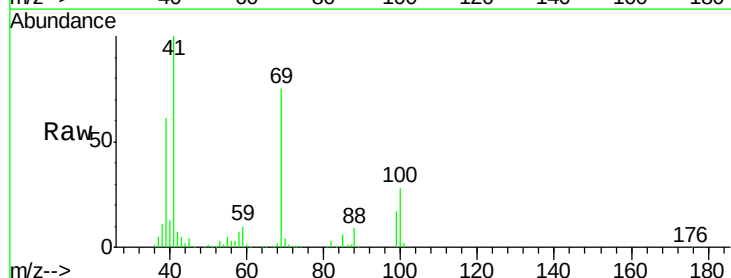
Tgt Ion: 41 Resp: 64675

Ion Ratio Lower Upper

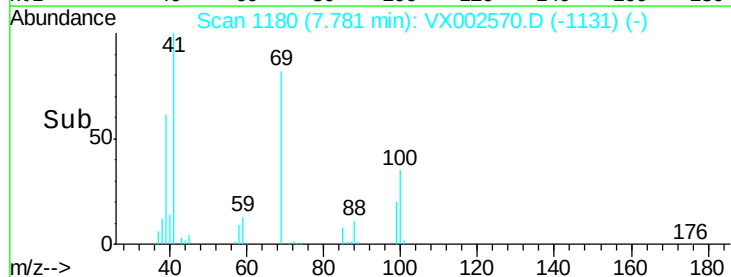
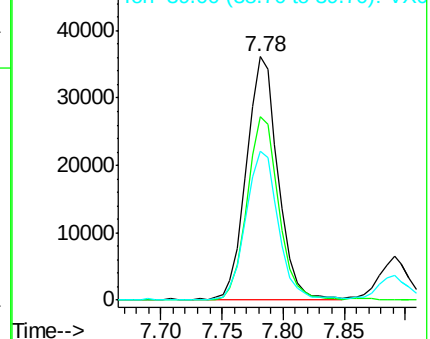
41 100

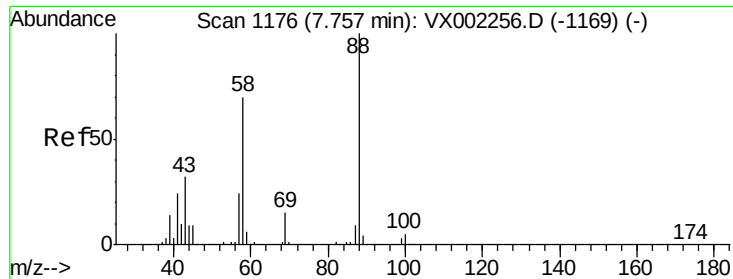
69 75.5 59.1 88.7

39 62.9 48.9 73.3



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

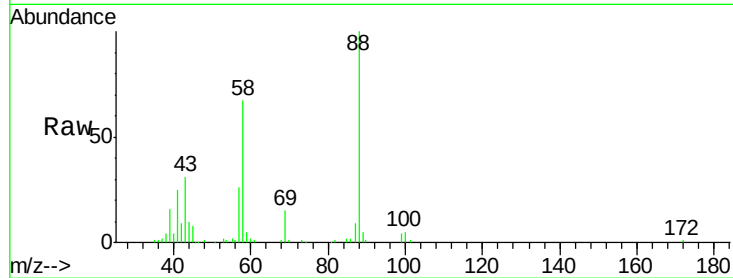




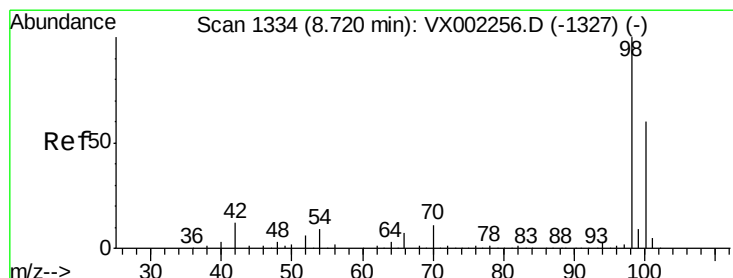
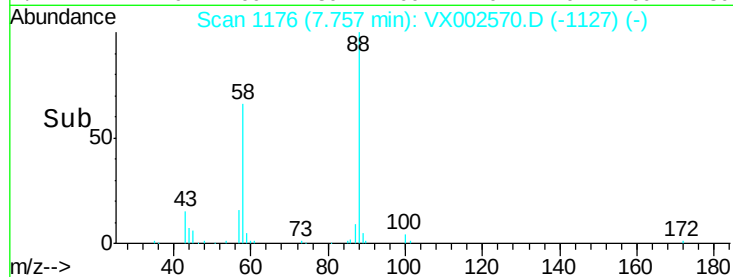
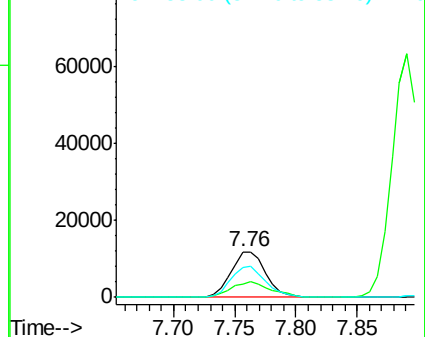
#49
 1,4-Dioxane
 Concen: 331.61 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 23086
 Ion Ratio Lower Upper
 88 100
 43 36.7 29.8 44.6
 58 69.6 57.1 85.7

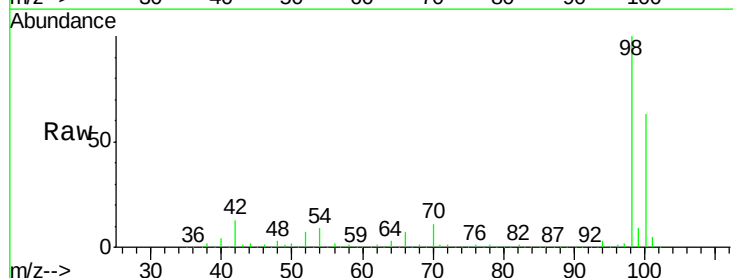


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

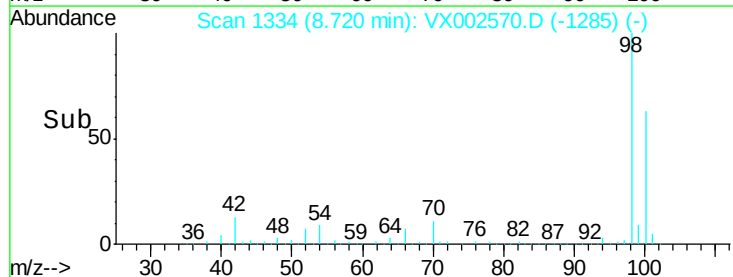
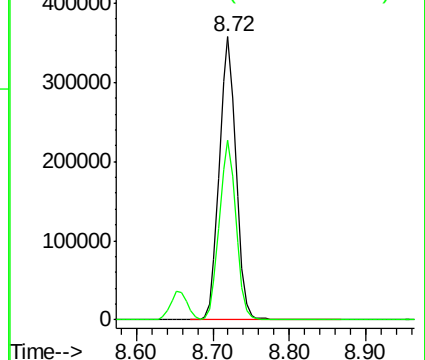


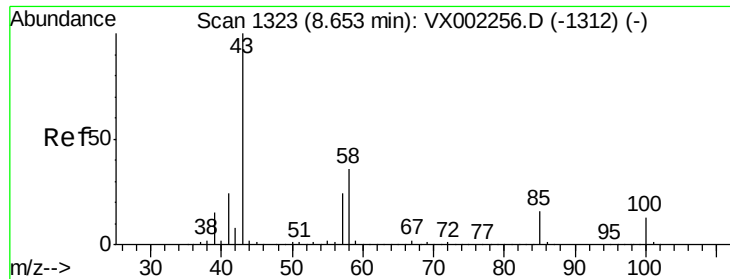
#50
 Toluene-d8
 Concen: 51.96 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion: 98 Resp: 540583
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 89.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

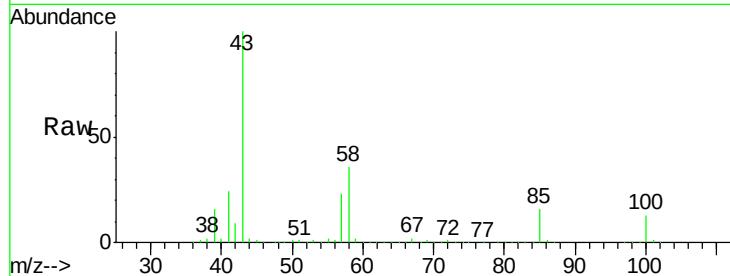
ClientSampleId :

Tot Ion: 43 Resp: 415090

Ion Ratio Lower Upper

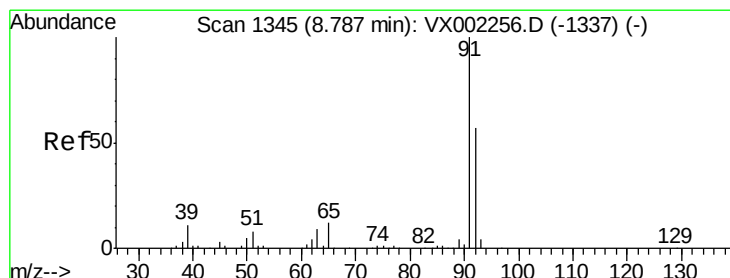
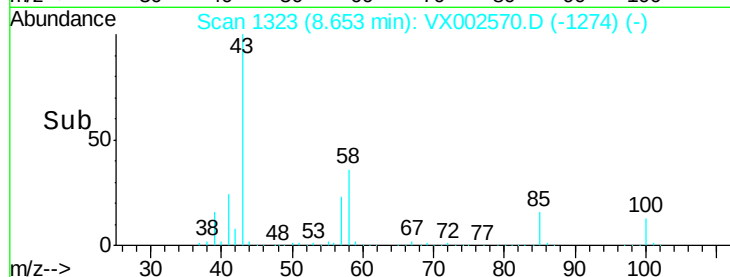
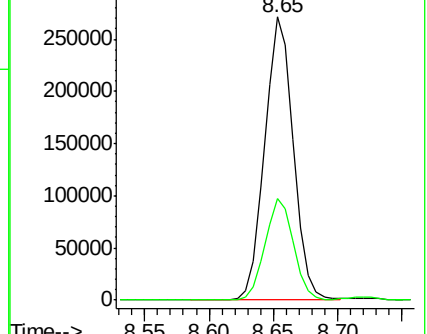
43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.27 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002570.D

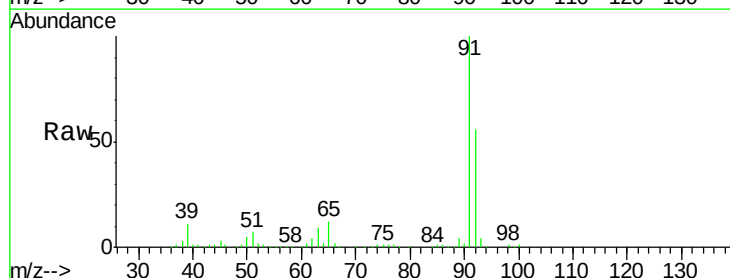
Acq: 15 Jun 2018 00:17

Tgt Ion: 92 Resp: 122195

Ion Ratio Lower Upper

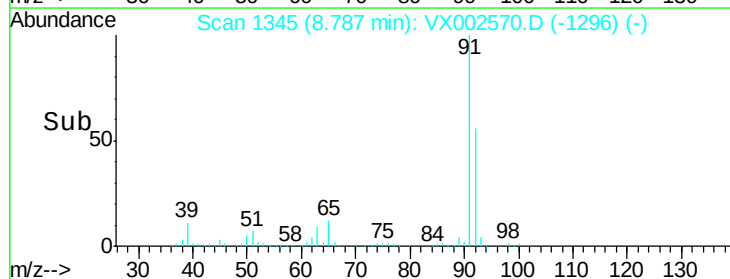
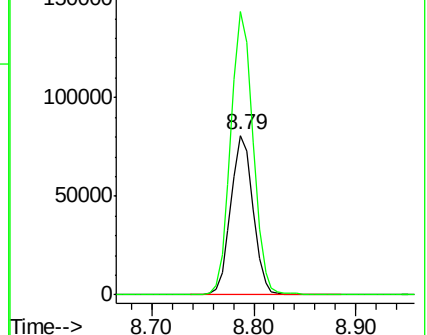
92 100

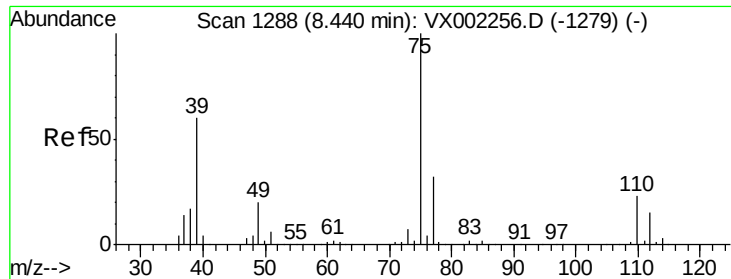
91 178.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

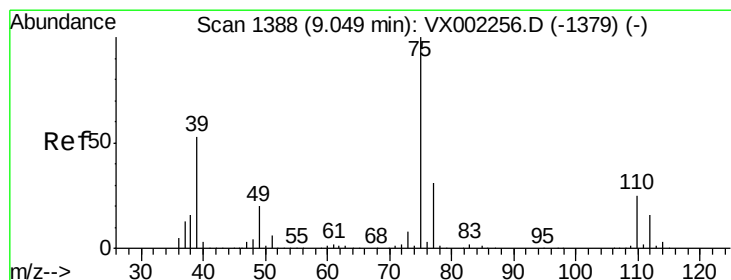
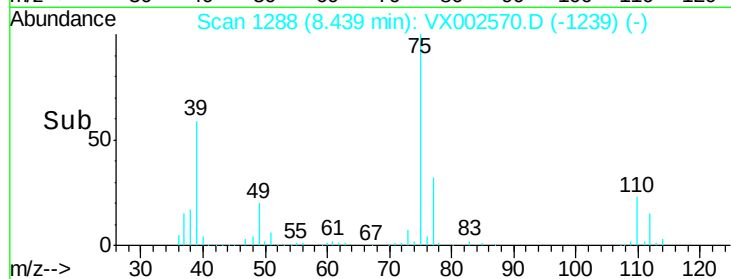
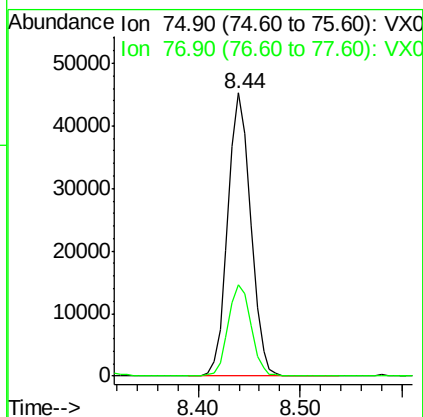
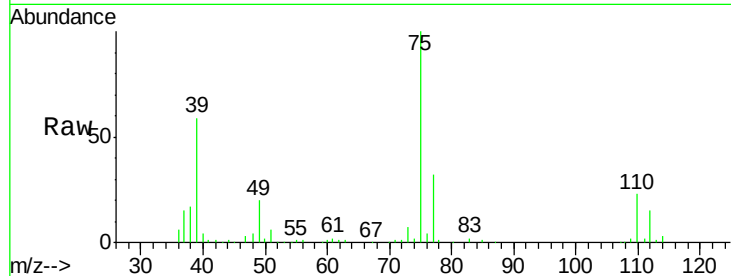




#53
t-1,3-Dichloropropene
Concen: 15.95 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

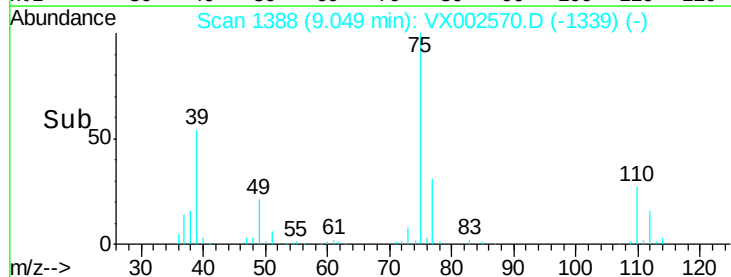
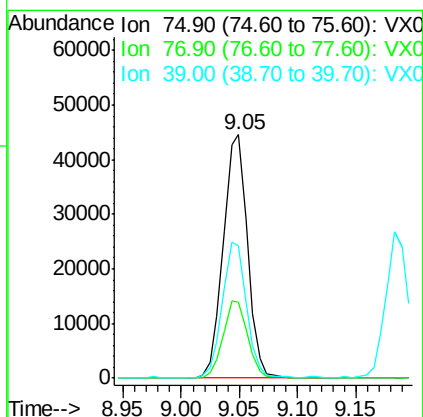
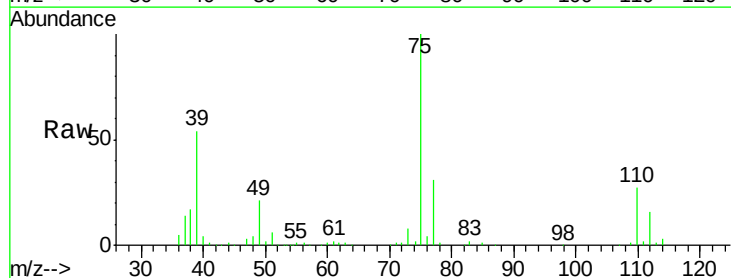
Instrument :
MSVOA_X
ClientSampled :

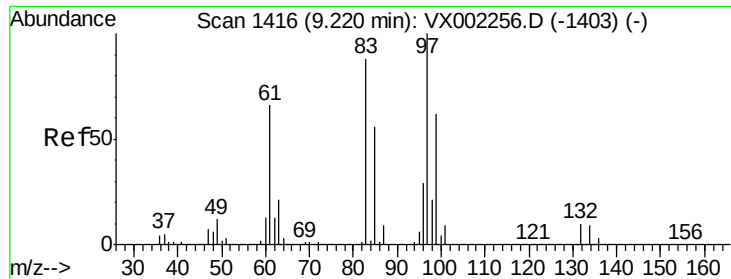
Tot Ion: 75 Resp: 70449
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 15.41 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 75 Resp: 64190
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 54.0 42.4 63.6

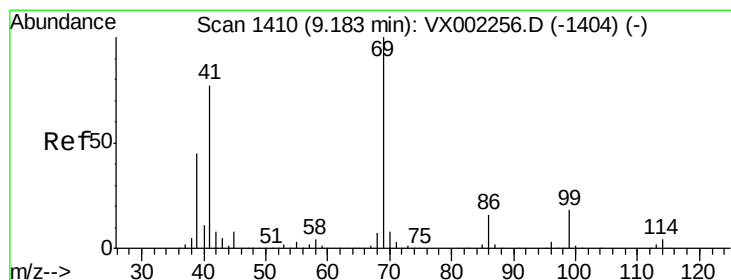
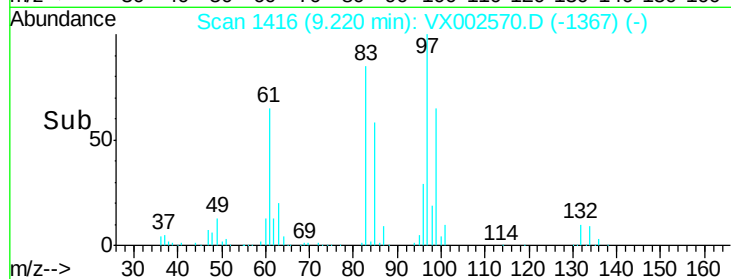
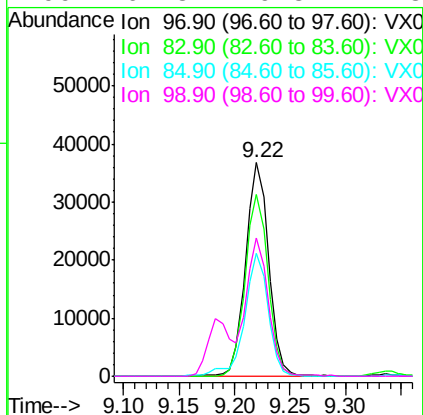
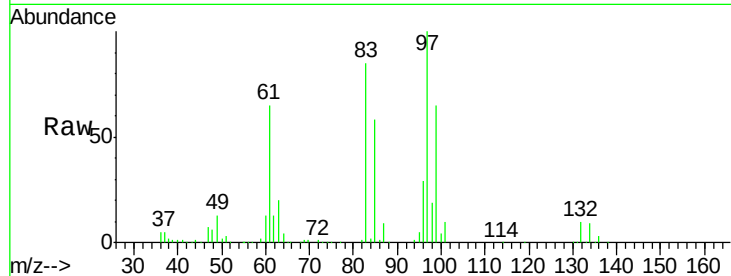




#55
 1,1,2-Trichloroethane
 Concen: 18.25 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

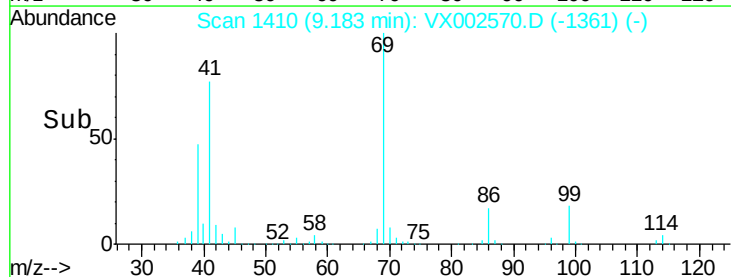
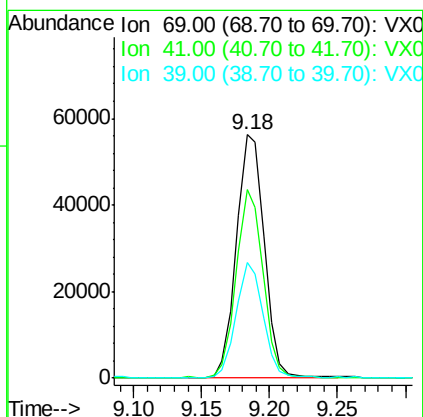
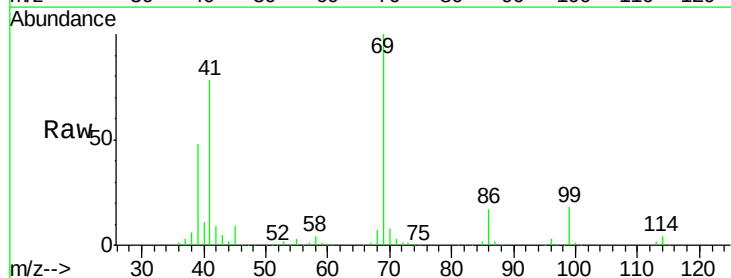
Instrument :
 MSVOA_X
 ClientSampleId :

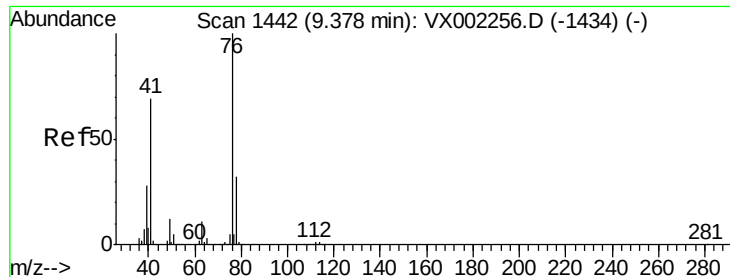
Tot Ion:	97	Resp:	53112
Ion	Ratio	Lower	Upper
97	100		
83	84.8	70.2	105.2
85	57.6	44.9	67.3
99	64.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 17.31 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion:	69	Resp:	80455
Ion	Ratio	Lower	Upper
69	100		
41	74.6	60.3	90.5
39	45.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 17.98 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

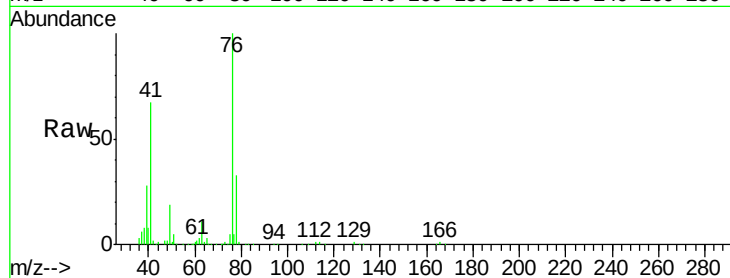
ClientSampleId :

Tot Ion: 76 Resp: 87802

Ion Ratio Lower Upper

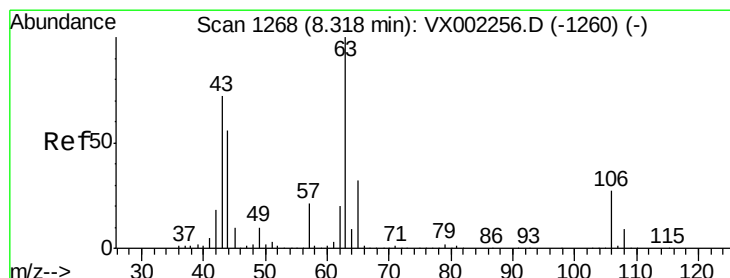
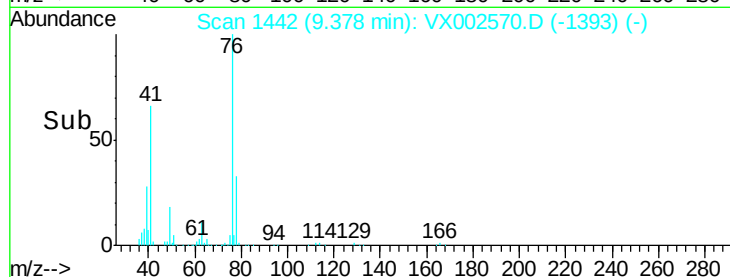
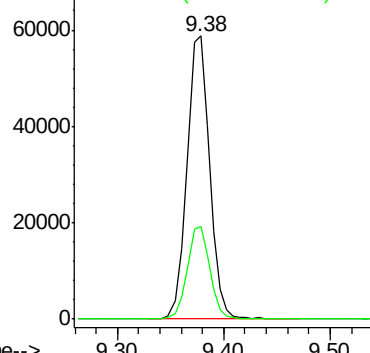
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.81 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002570.D

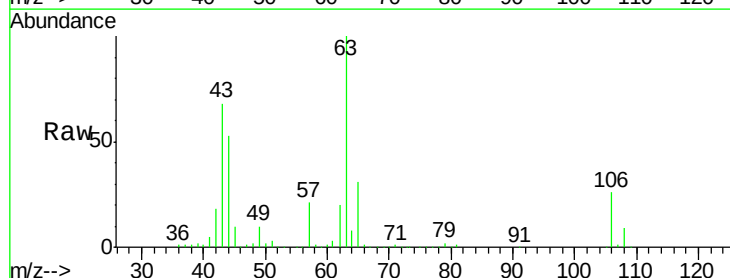
Acq: 15 Jun 2018 00:17

Tgt Ion: 63 Resp: 199604

Ion Ratio Lower Upper

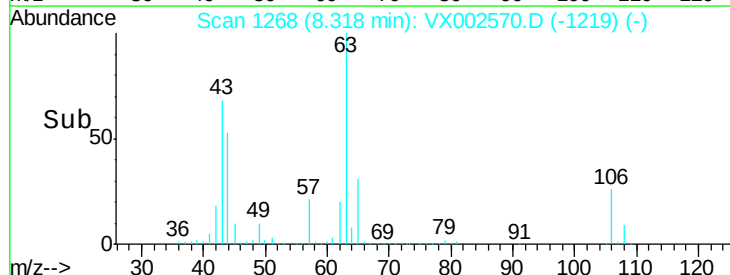
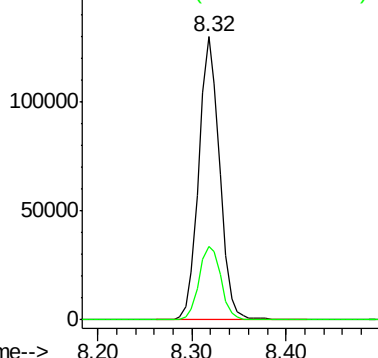
63 100

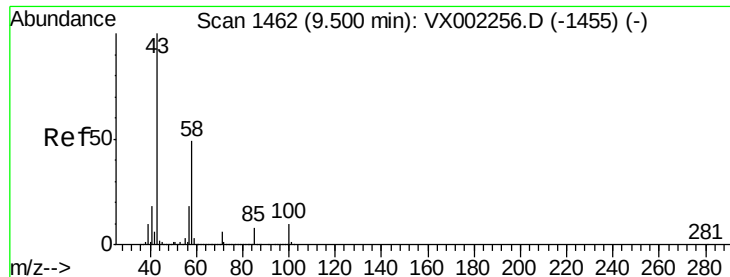
106 27.3 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

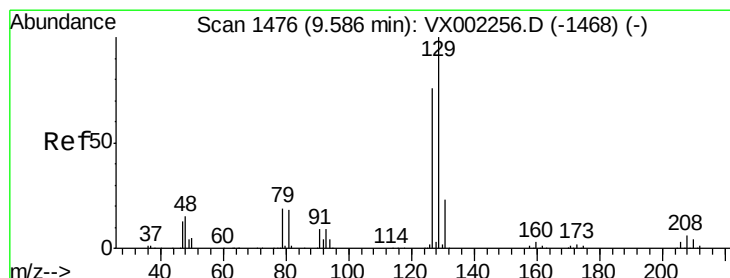
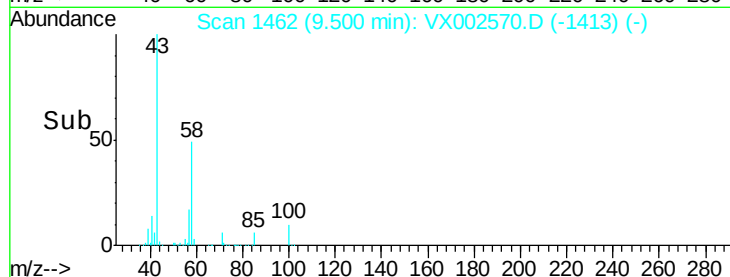
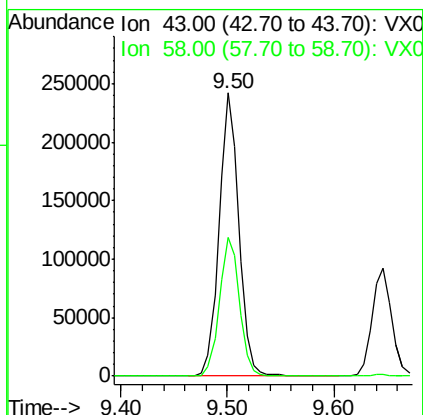
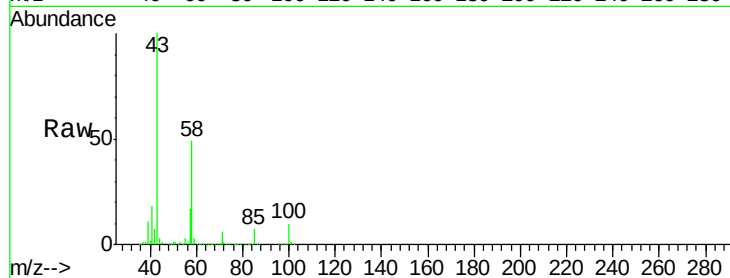




#59
2-Hexanone
Concen: 87.40 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

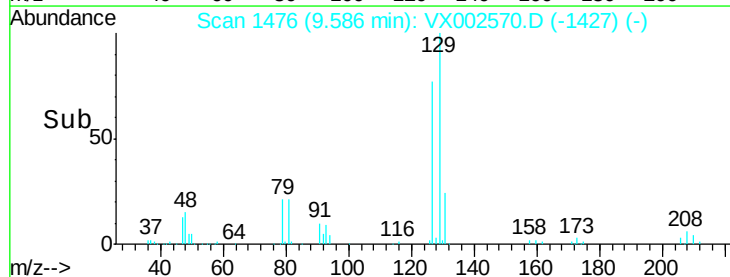
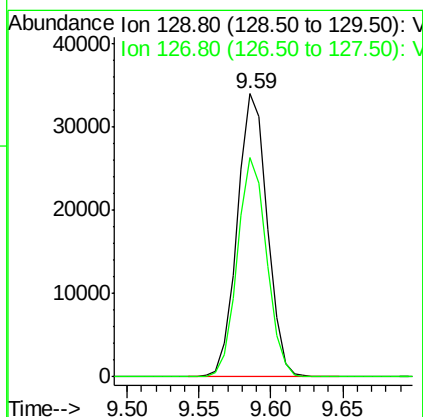
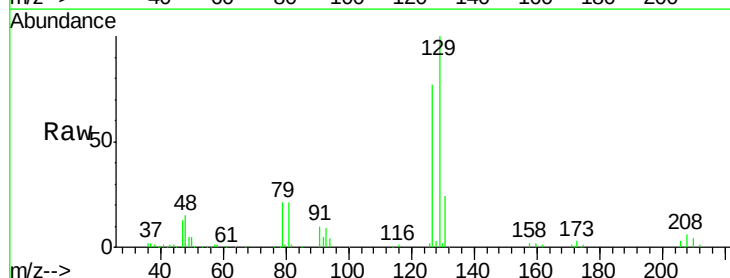
Instrument :
MSVOA_X
ClientSampled :

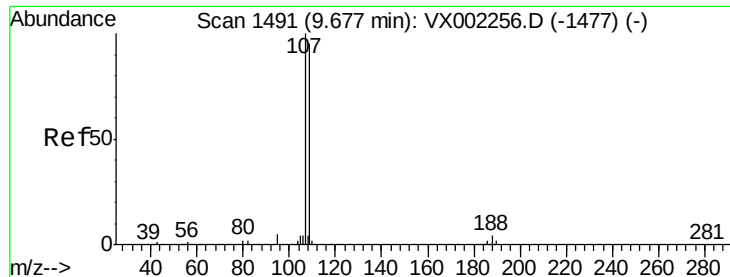
Tot Ion: 43 Resp: 311630
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 16.78 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 129 Resp: 49133
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.80 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

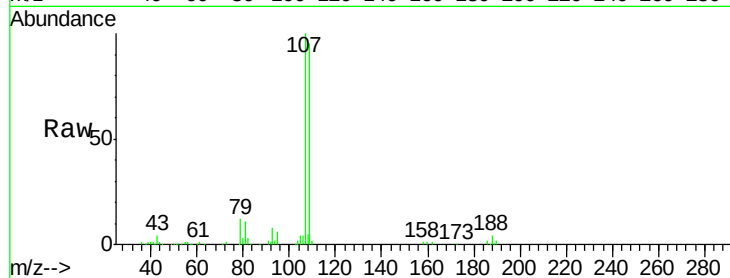
ClientSampleId :

Tot Ion:107 Resp: 54029

Ion Ratio Lower Upper

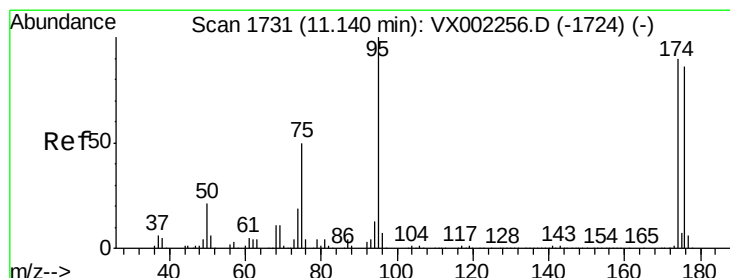
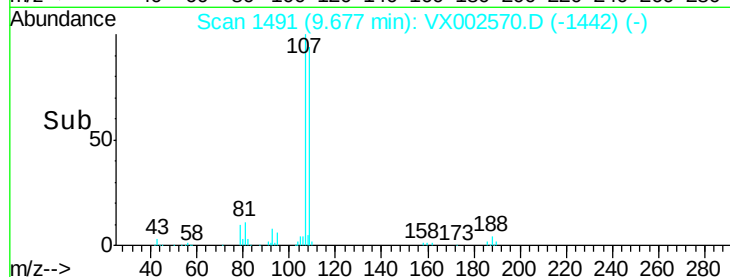
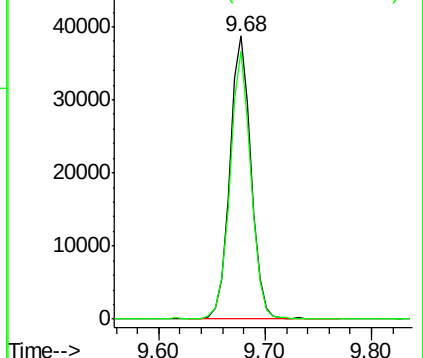
107 100

109 93.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

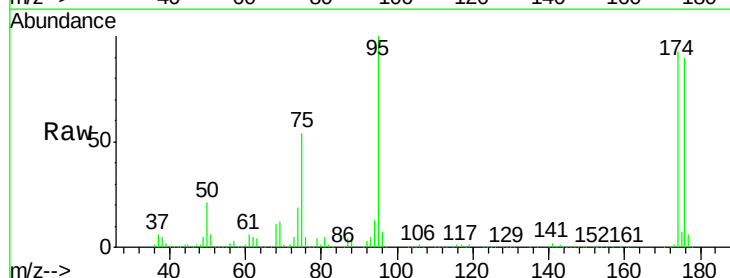
Tgt Ion: 95 Resp: 194096

Ion Ratio Lower Upper

95 100

174 94.7 0.0 187.4

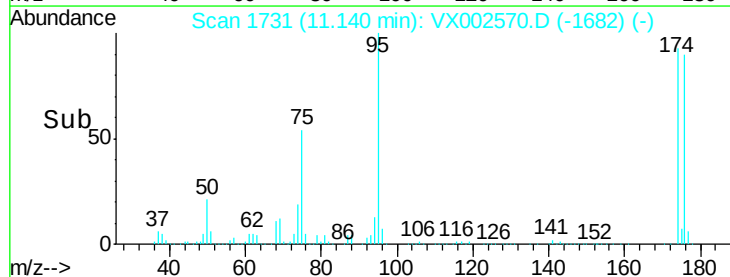
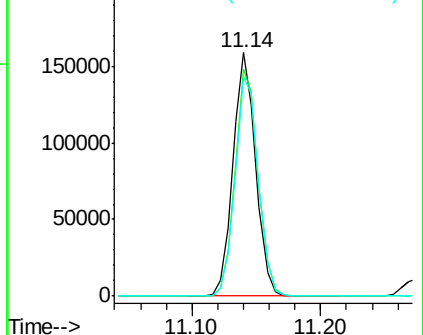
176 92.7 0.0 181.0

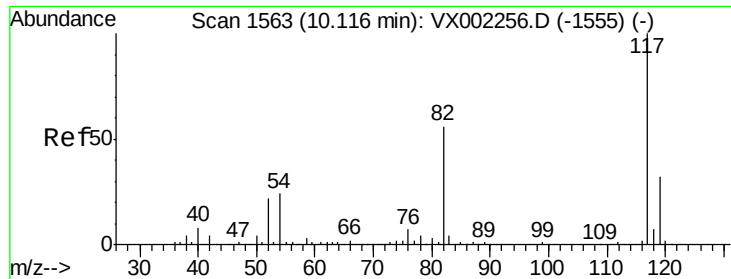


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

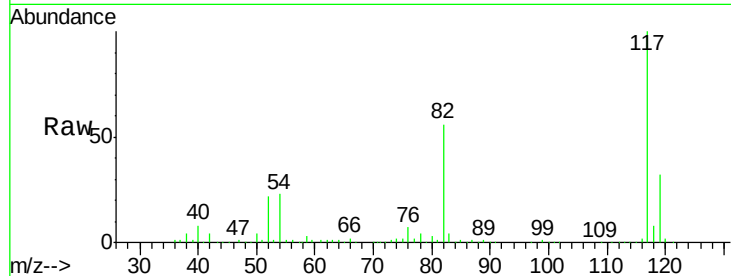




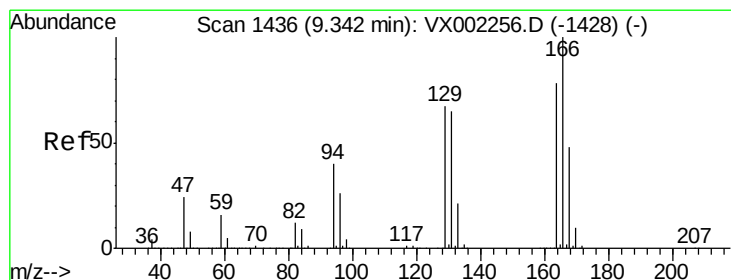
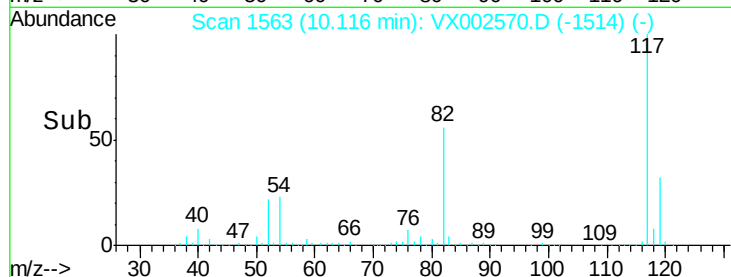
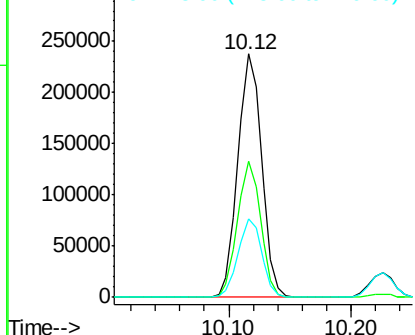
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 320128
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.4
119 32.4 25.8 38.6



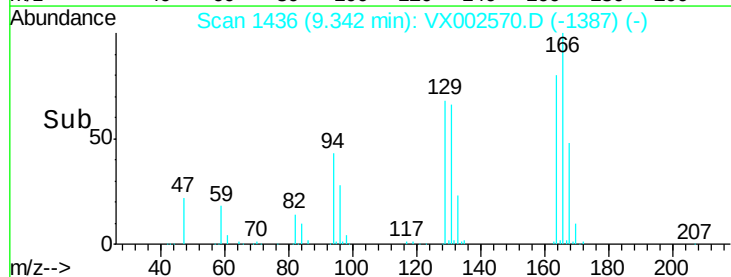
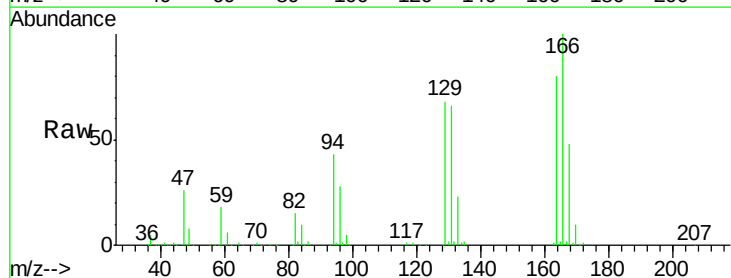
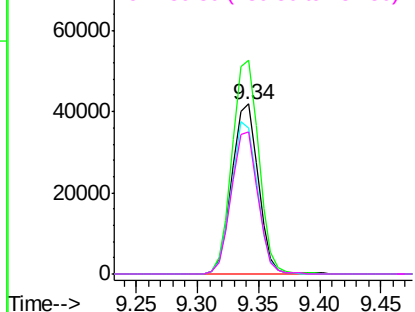
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

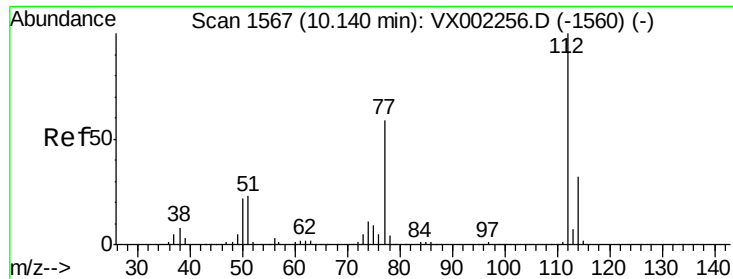


#64
Tetrachloroethene
Concen: 18.77 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion:164 Resp: 61962
Ion Ratio Lower Upper
164 100
166 125.6 102.9 154.3
129 85.8 68.6 102.8
131 83.5 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

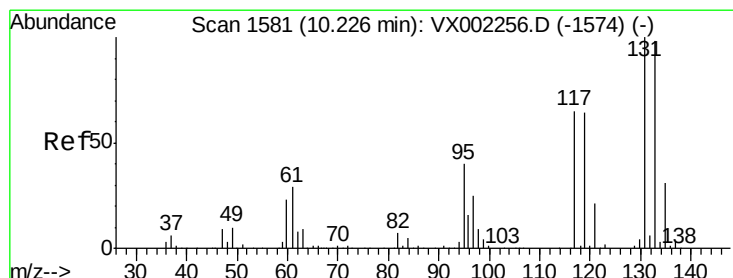
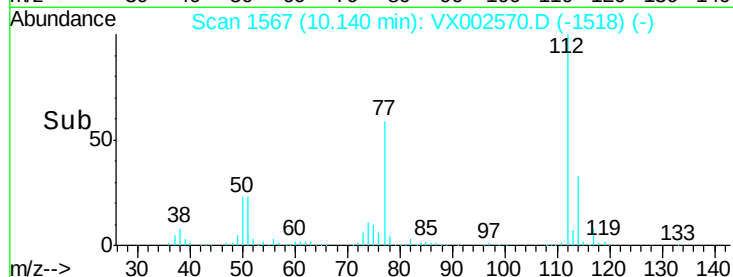
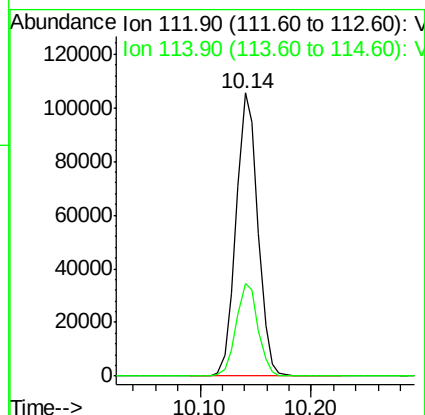
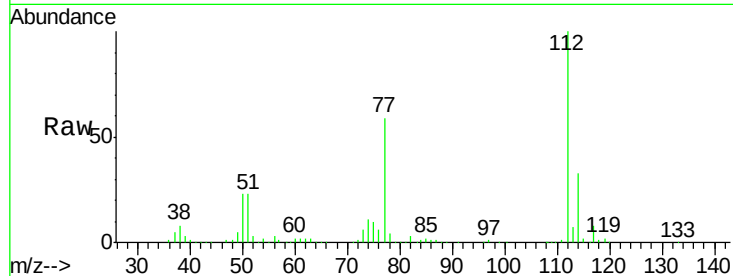




#65
Chlorobenzene
Concen: 17.93 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

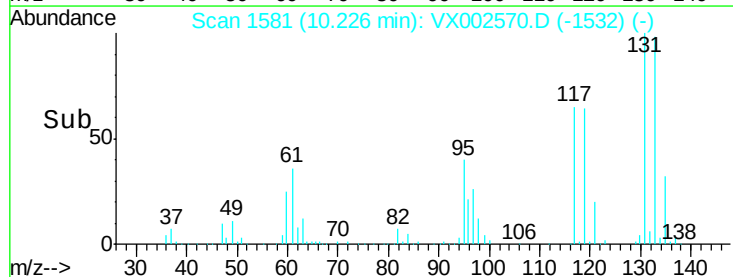
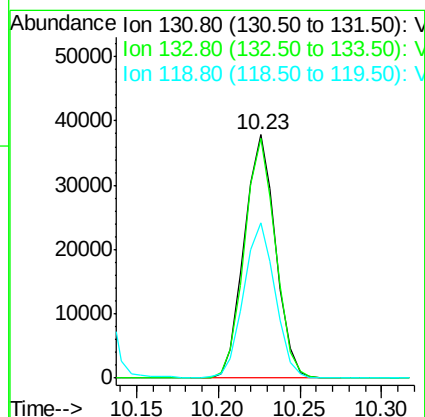
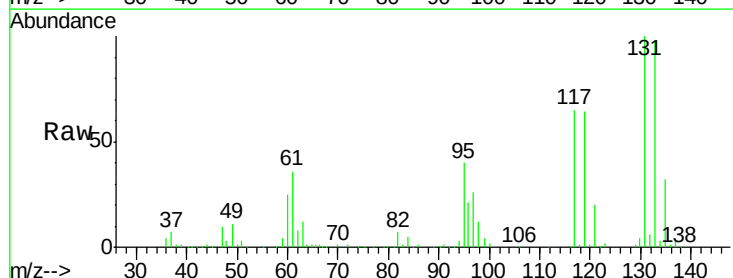
Instrument :
MSVOA_X
ClientSampled :

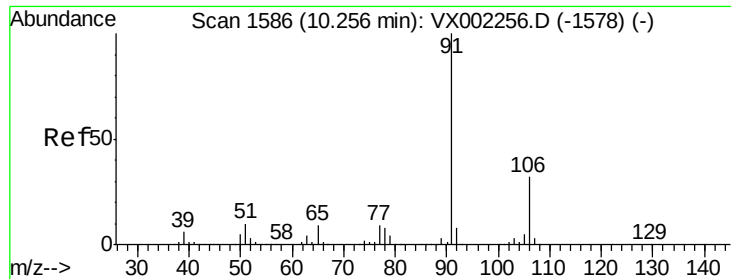
Tot Ion:112 Resp: 142814
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.62 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion:131 Resp: 50809
Ion Ratio Lower Upper
131 100
133 97.4 47.9 143.6
119 64.1 31.8 95.3





#67

Ethyl Benzene

Concen: 18.49 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

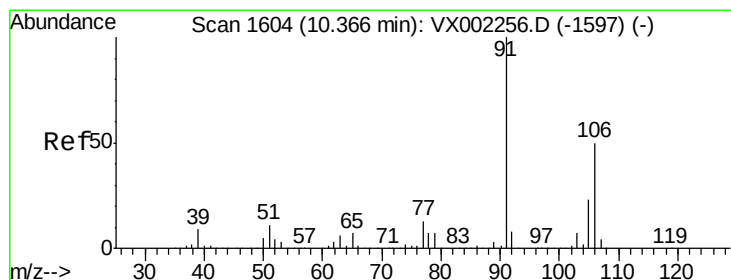
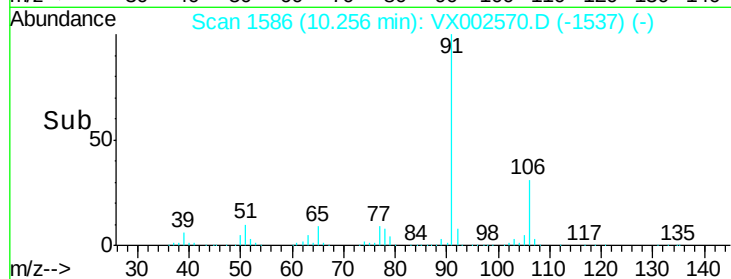
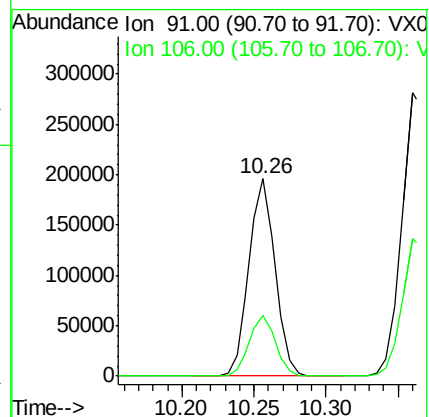
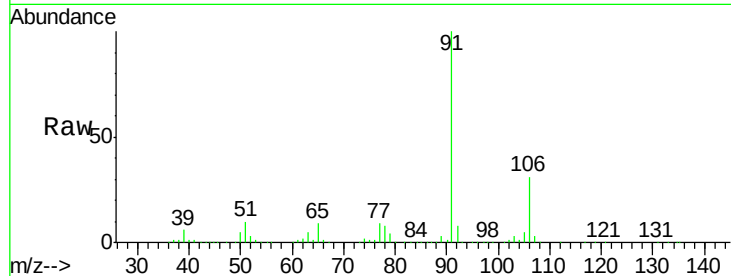
ClientSampleId :

Tot Ion: 91 Resp: 246449

Ion Ratio Lower Upper

91 100

106 30.7 25.5 38.3



#68

m/p-Xylenes

Concen: 35.56 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002570.D

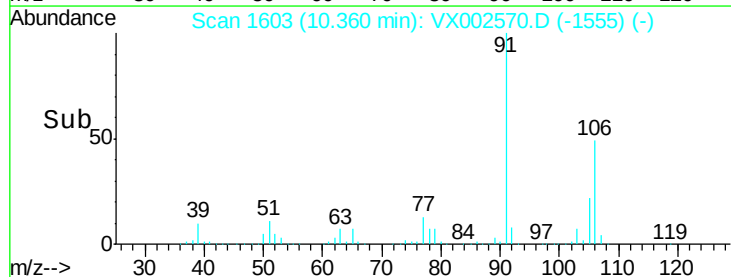
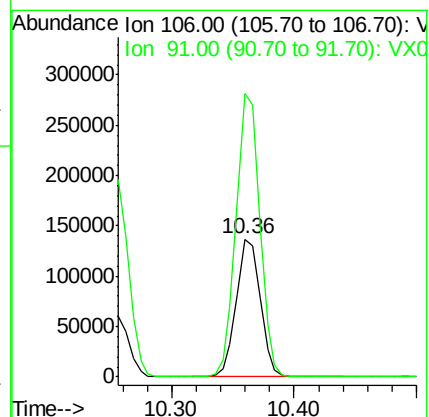
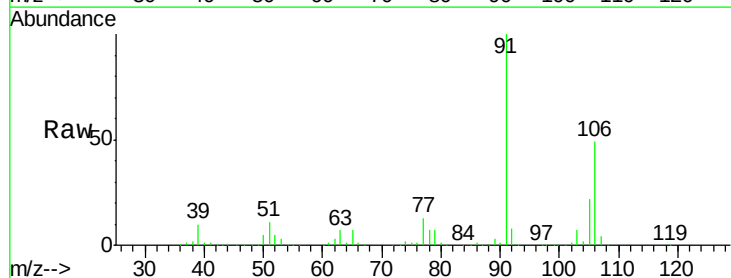
Acq: 15 Jun 2018 00:17

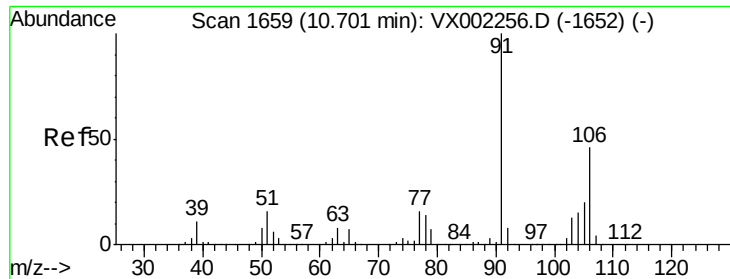
Tgt Ion: 106 Resp: 184269

Ion Ratio Lower Upper

106 100

91 204.7 163.4 245.2

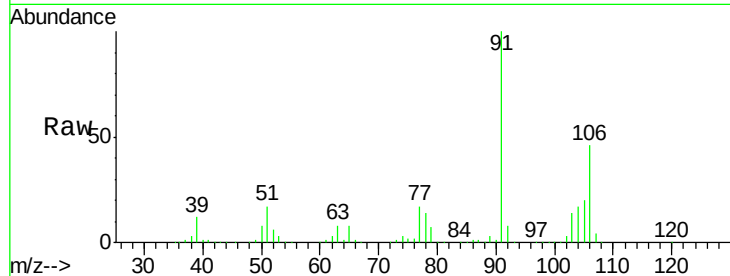




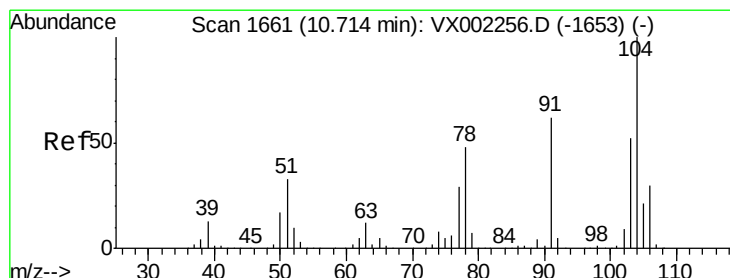
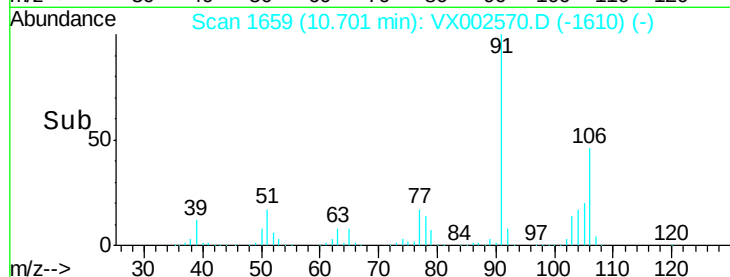
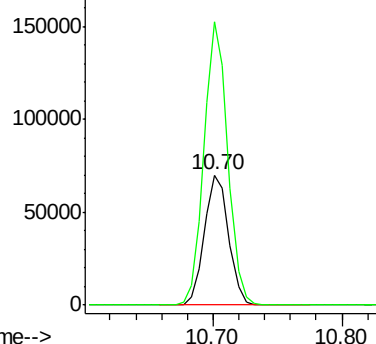
#69
o-Xylene
Concen: 17.81 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 91823
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6

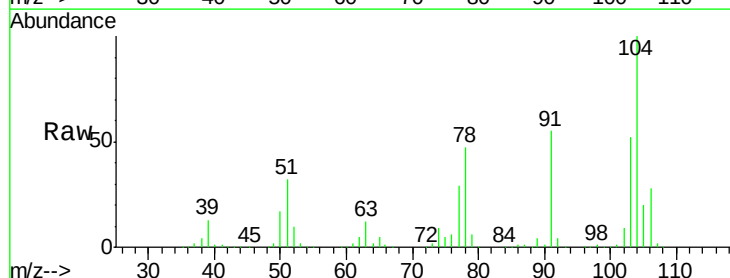


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

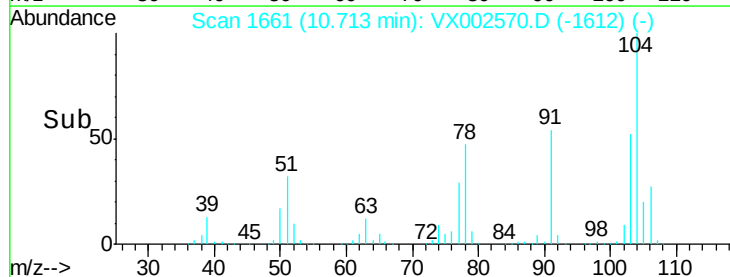
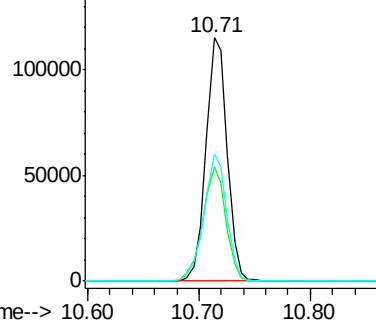


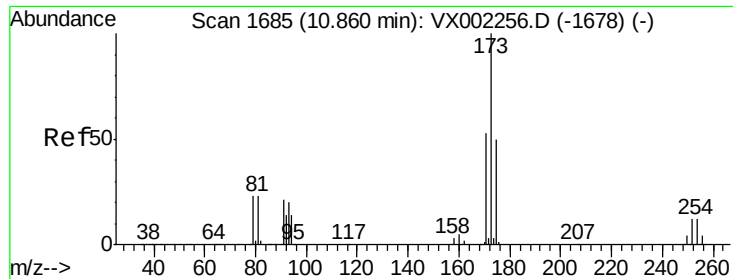
#70
Styrene
Concen: 17.97 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion:104 Resp: 151527
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 55.8 44.2 66.4



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





#71

Bromoform

Concen: 16.30 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

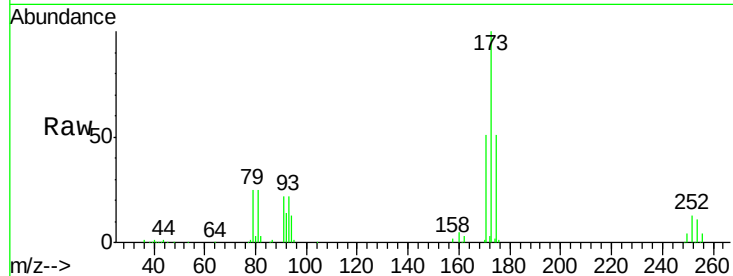
Tot Ion:173 Resp: 35648

Ion Ratio Lower Upper

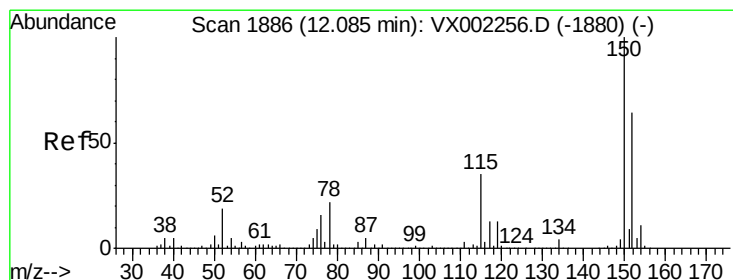
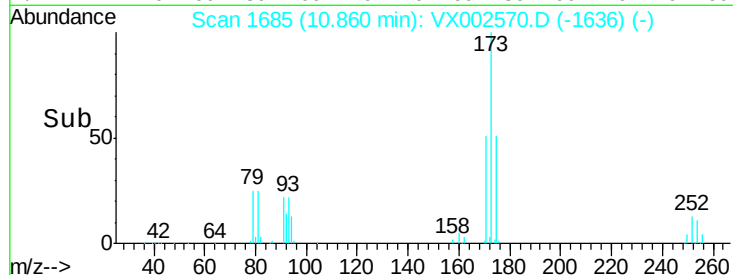
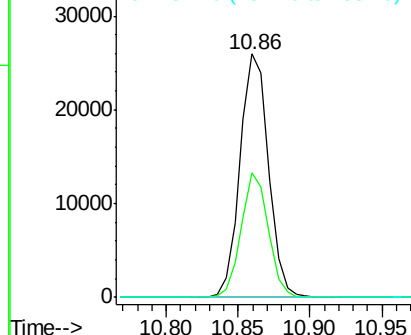
173 100

175 48.8 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

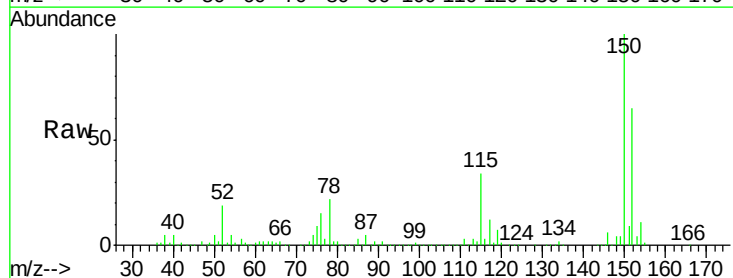
Tgt Ion:152 Resp: 187761

Ion Ratio Lower Upper

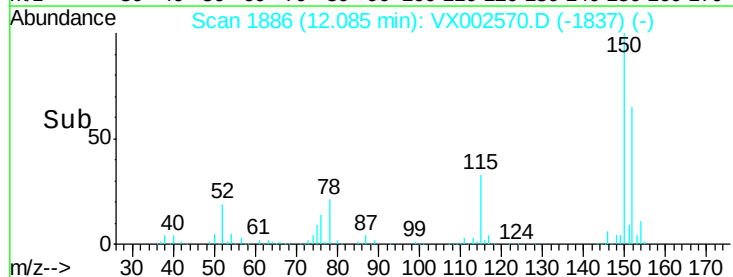
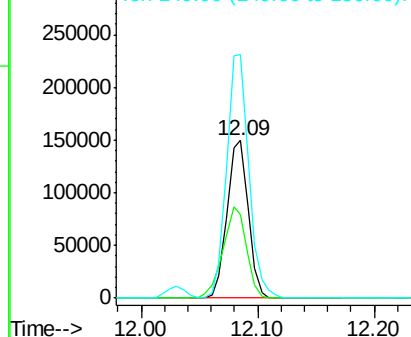
152 100

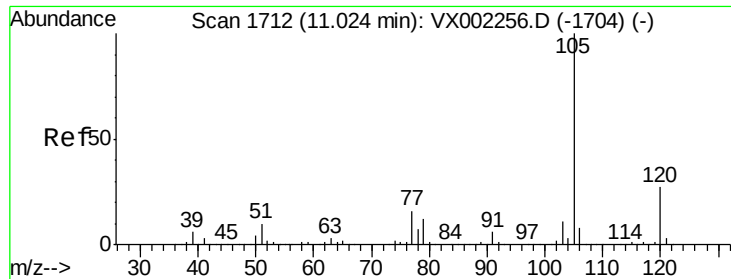
115 63.9 40.1 120.2

150 162.1 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.41 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

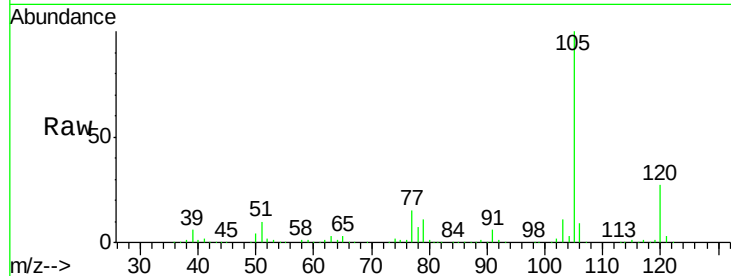
ClientSampleId :

Tot Ion:105 Resp: 253524

Ion Ratio Lower Upper

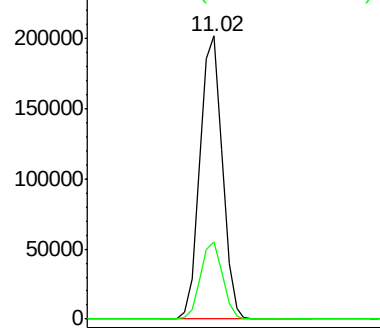
105 100

120 27.0 13.5 40.4

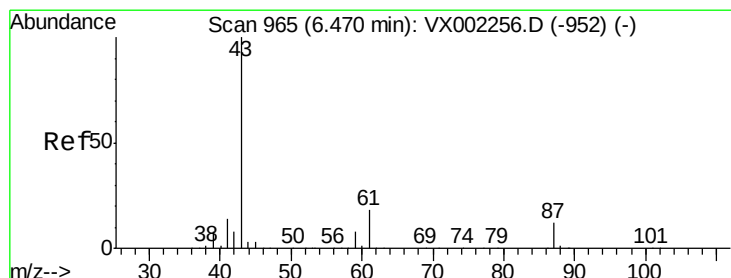
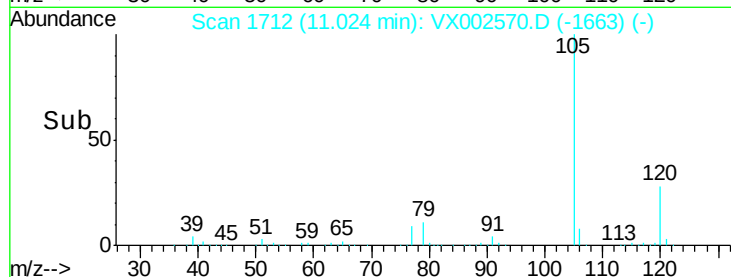


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 17.91 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Tgt Ion: 43 Resp: 126024

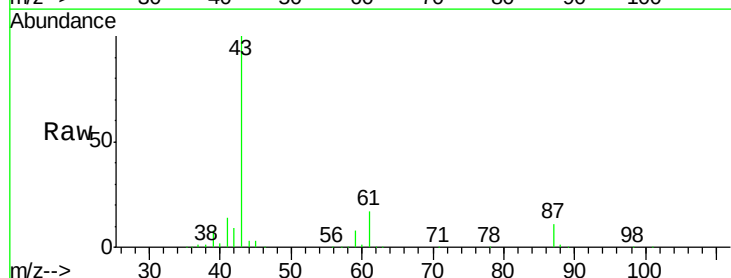
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.2 14.4 21.6

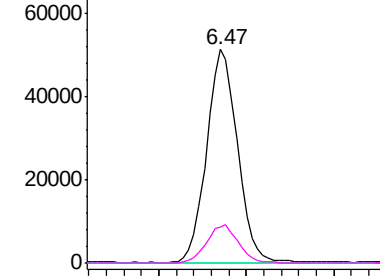


Abundance Ion 43.00 (42.70 to 43.70): VX0

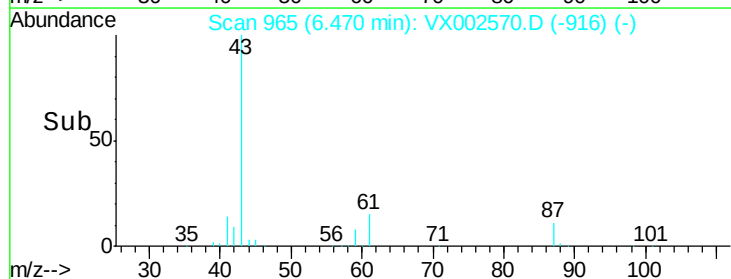
Ion 70.00 (69.70 to 70.70): VX0

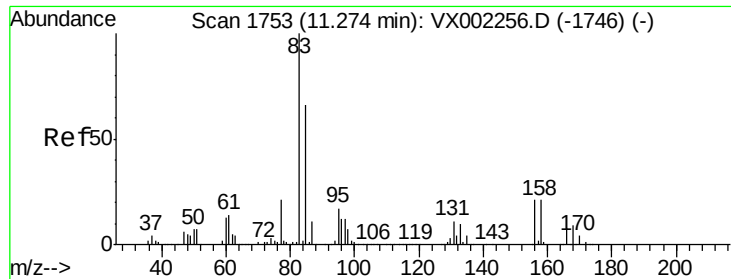
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.90 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

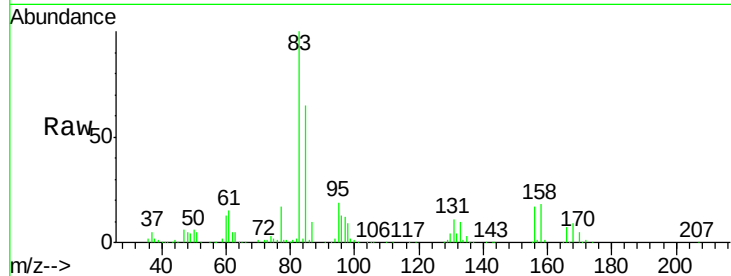
Tot Ion: 83 Resp: 77639

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

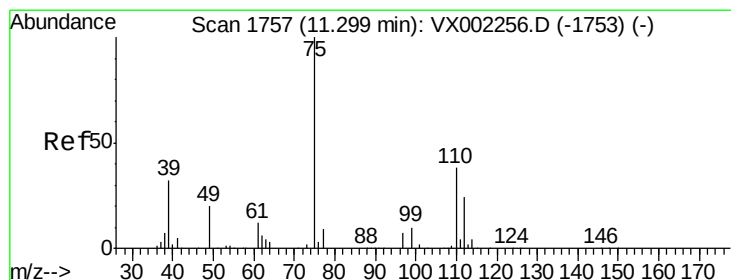
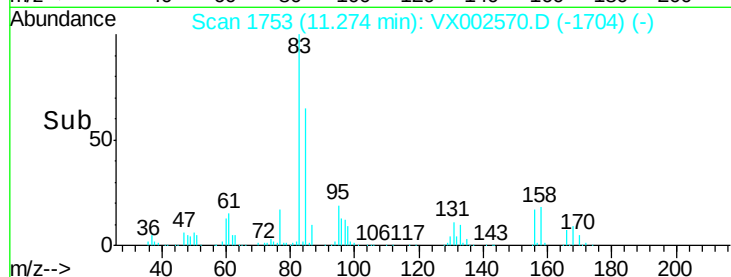
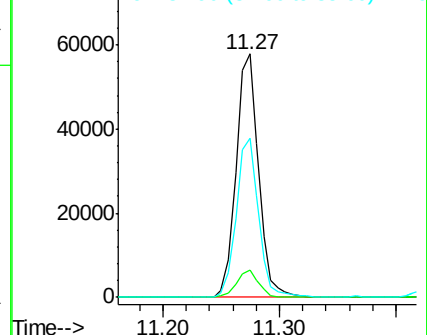
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.69 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002570.D

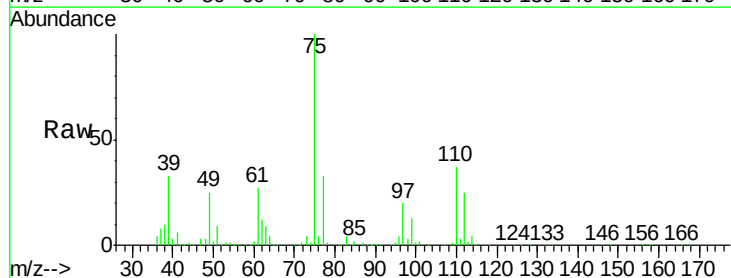
Acq: 15 Jun 2018 00:17

Tgt Ion: 75 Resp: 85254

Ion Ratio Lower Upper

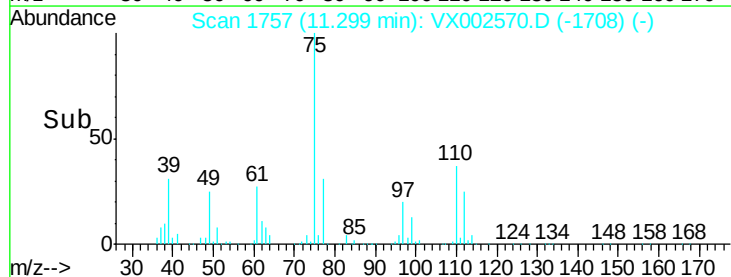
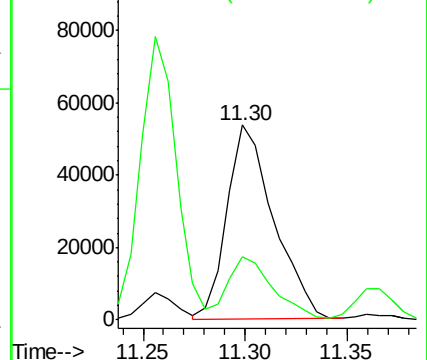
75 100

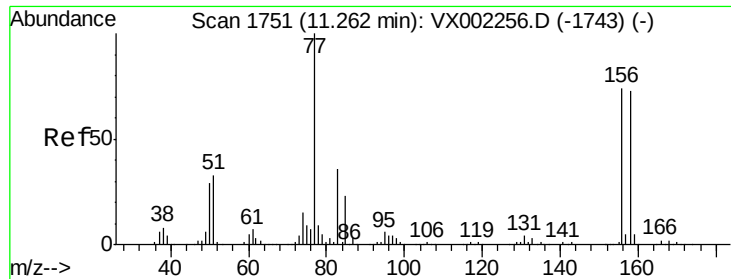
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.62 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampled :

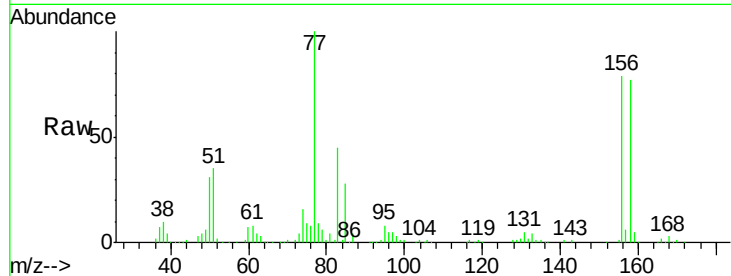
Tot Ion:156 Resp: 68284

Ion Ratio Lower Upper

156 100

77 140.6 71.4 214.2

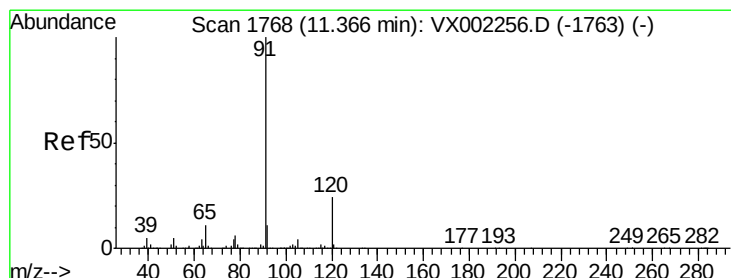
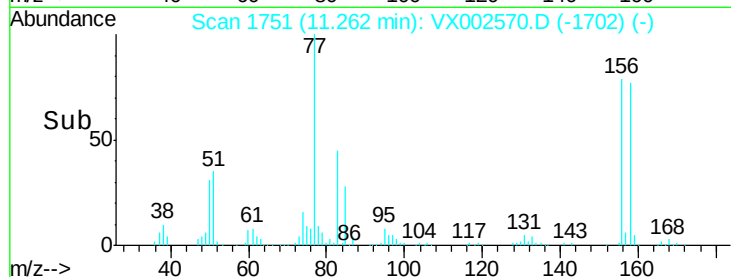
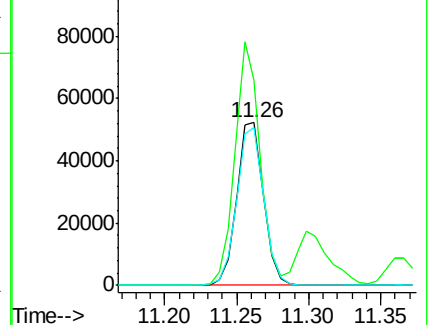
158 98.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.44 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002570.D

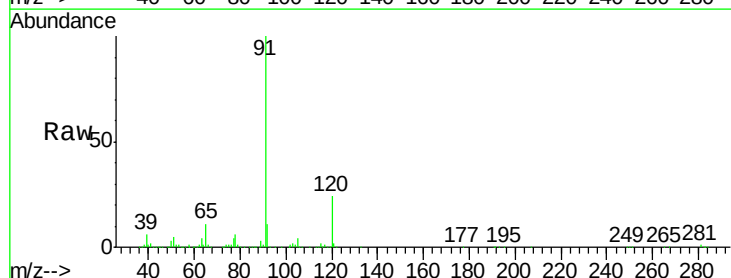
Acq: 15 Jun 2018 00:17

Tgt Ion: 91 Resp: 282178

Ion Ratio Lower Upper

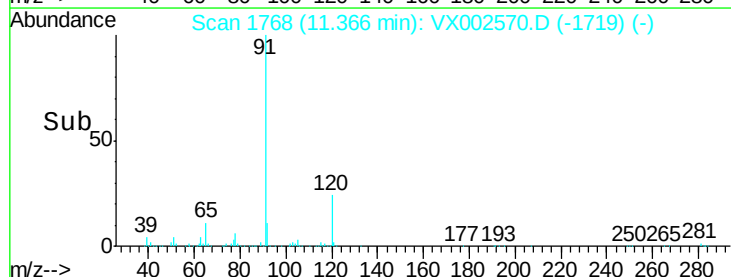
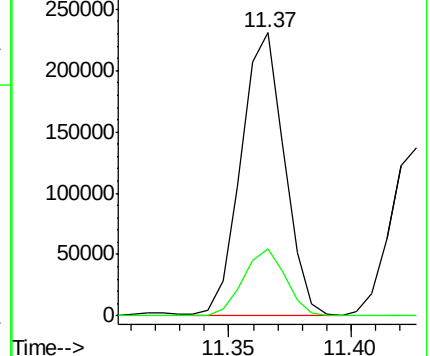
91 100

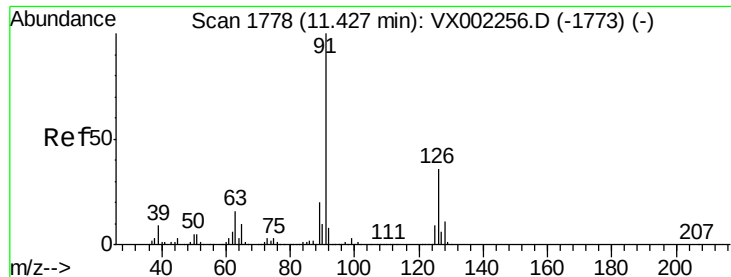
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.54 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

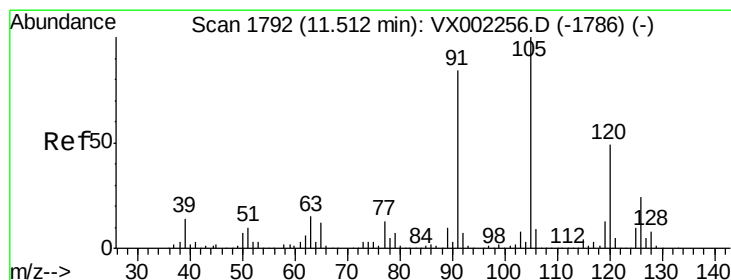
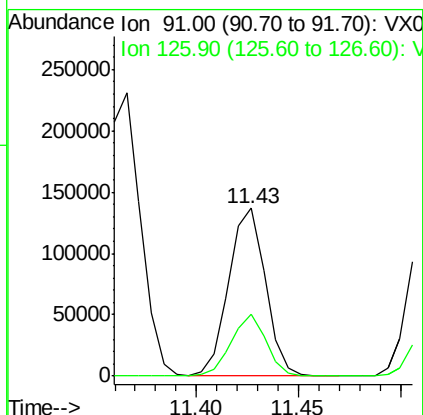
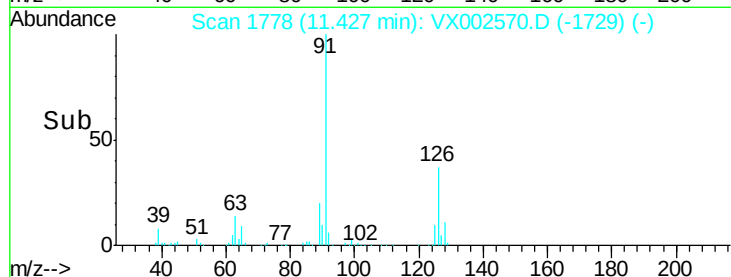
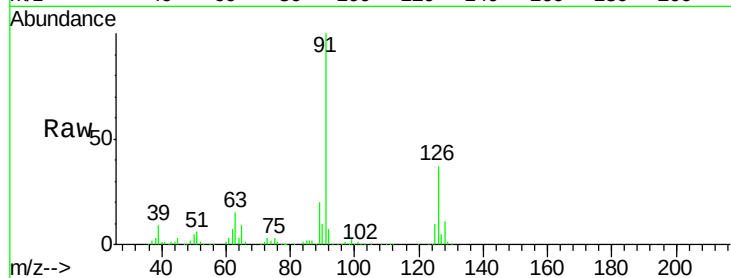
ClientSampled :

Tot Ion: 91 Resp: 169993

Ion Ratio Lower Upper

91 100

126 35.4 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 18.60 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002570.D

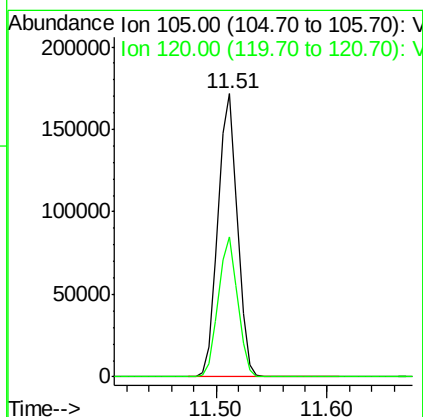
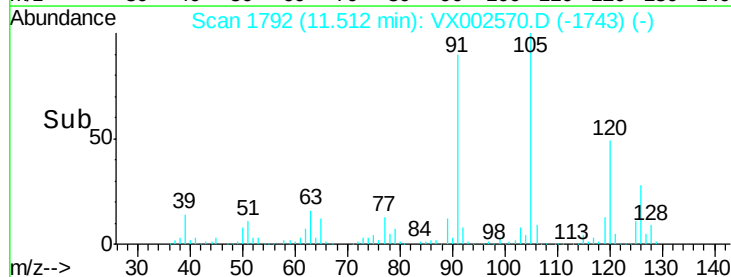
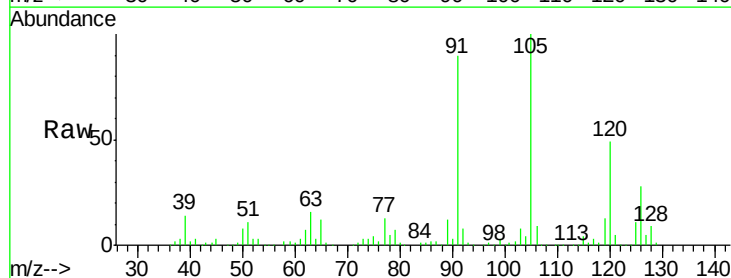
Acq: 15 Jun 2018 00:17

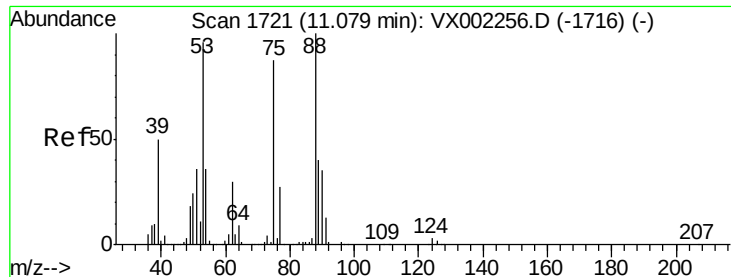
Tgt Ion:105 Resp: 208335

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.4

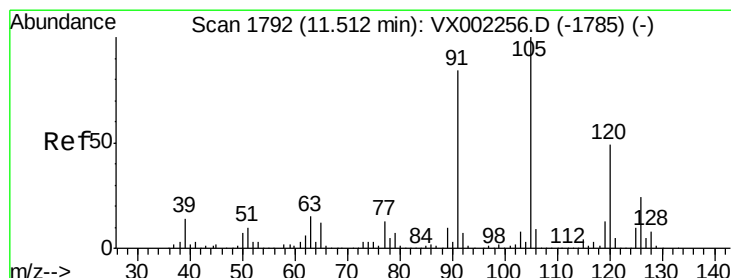
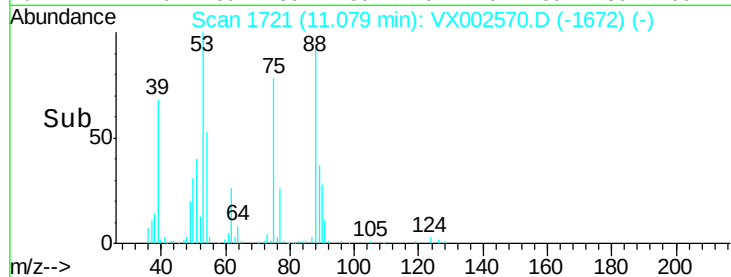
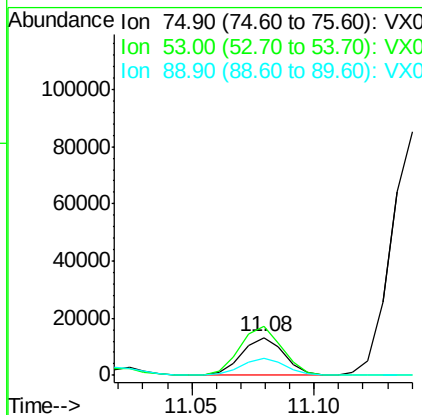
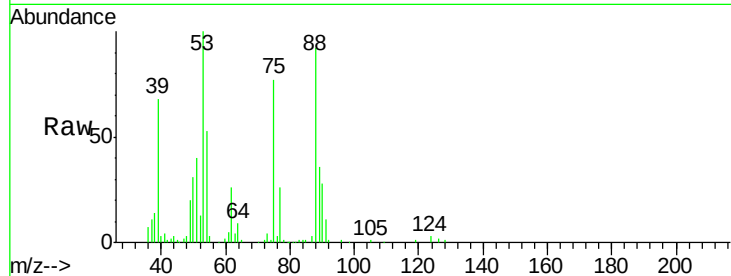




#81
trans-1,4-Dichloro-2-butene
Concen: 13.71 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

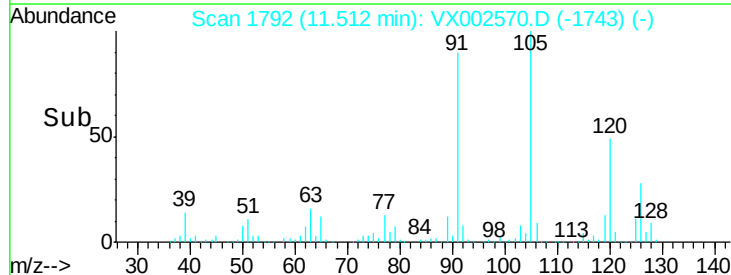
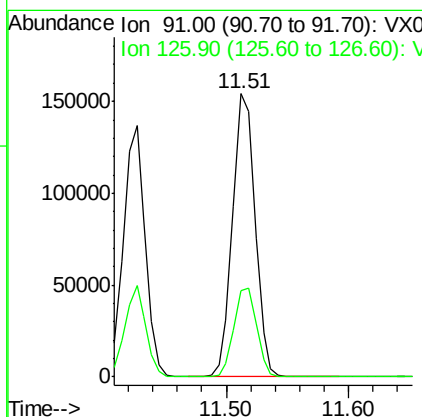
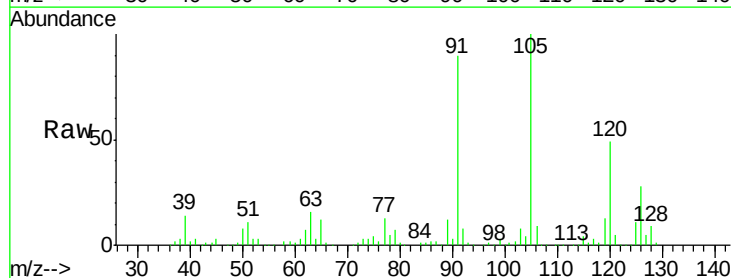
Instrument :
MSVOA_X
ClientSampled :

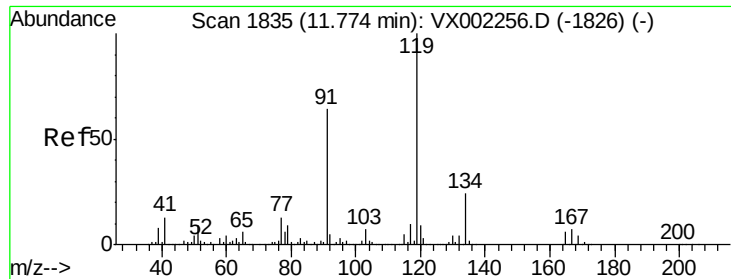
Tot Ion: 75 Resp: 16109
Ion Ratio Lower Upper
75 100
53 130.4 86.8 130.2#
89 46.7 38.2 57.2



#82
4-Chlorotoluene
Concen: 18.54 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 91 Resp: 196214
Ion Ratio Lower Upper
91 100
126 31.8 15.4 46.4

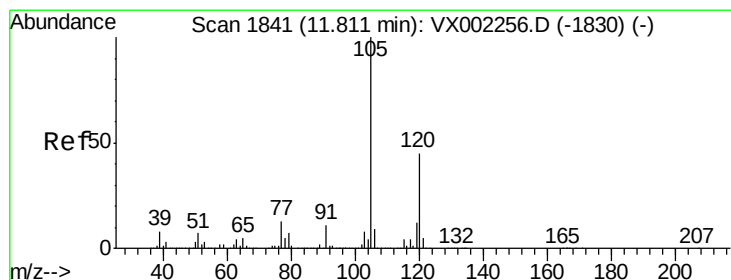
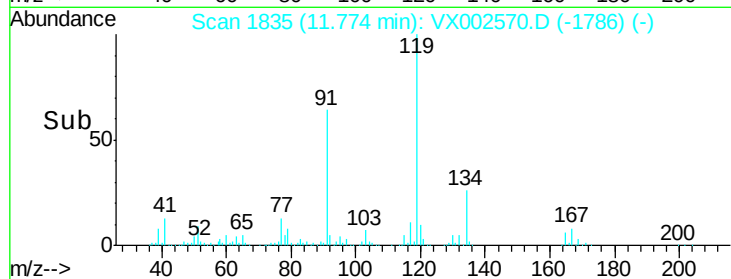
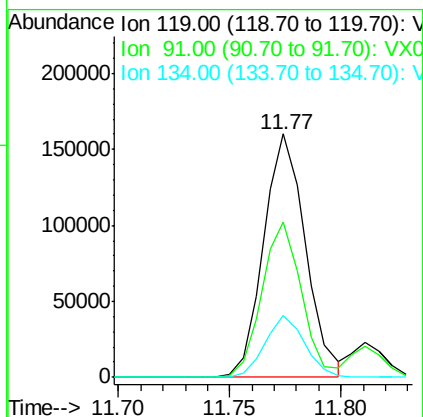
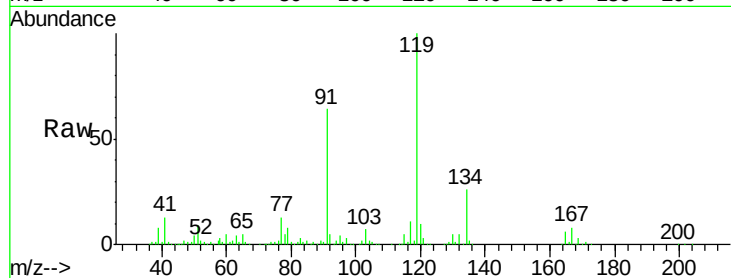




#83
 tert-Butylbenzene
 Concen: 19.14 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

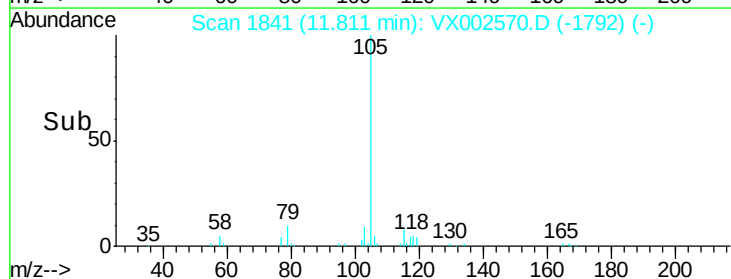
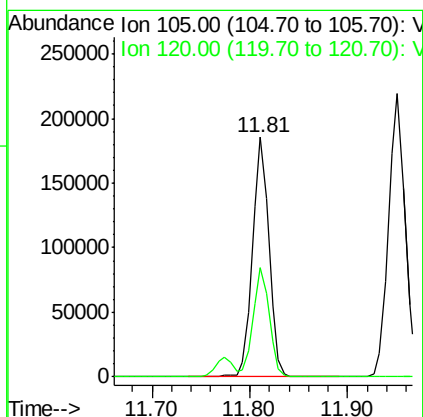
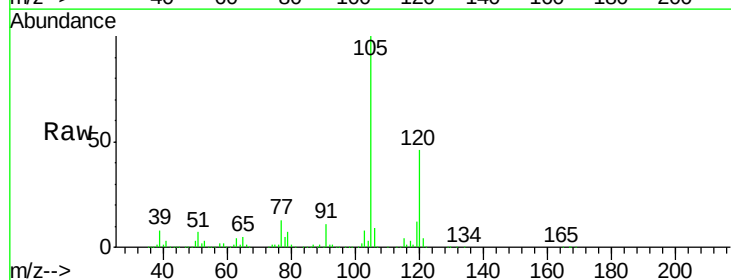
Instrument :
 MSVOA_X
 ClientSampleId :

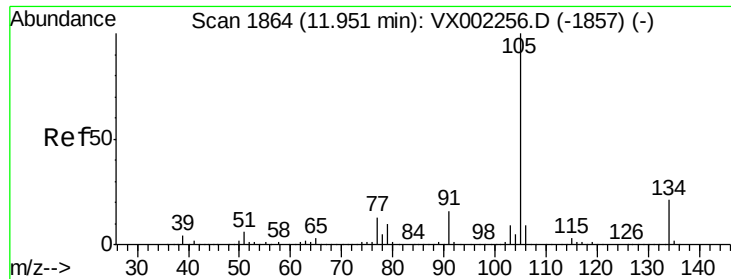
Tot Ion:119 Resp: 208836
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion:105 Resp: 217637
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.12 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

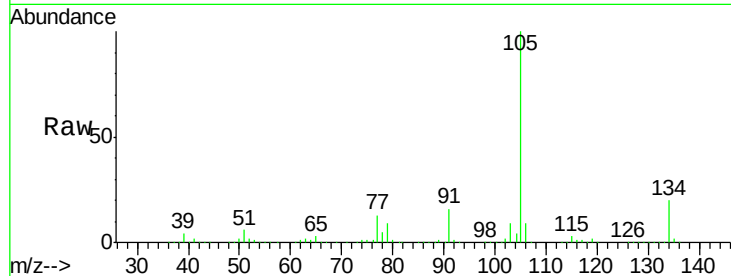
ClientSampleId :

Tot Ion:105 Resp: 257330

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

200000

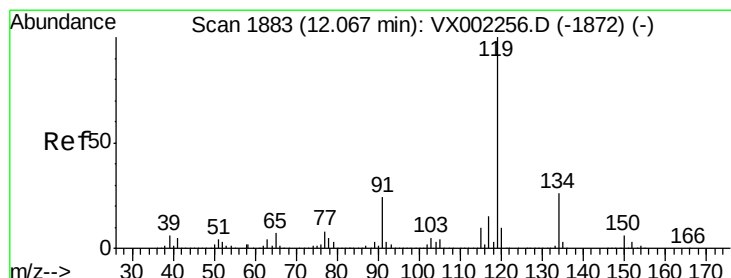
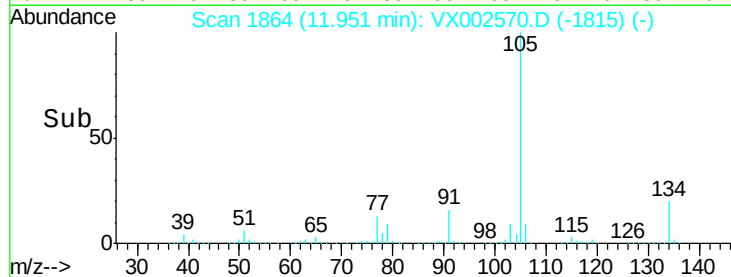
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.41 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

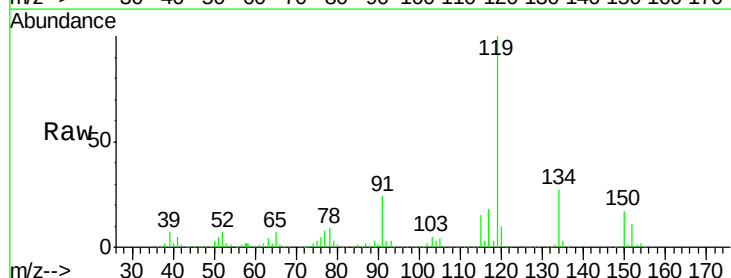
Tgt Ion:119 Resp: 226138

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 24.3 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

200000

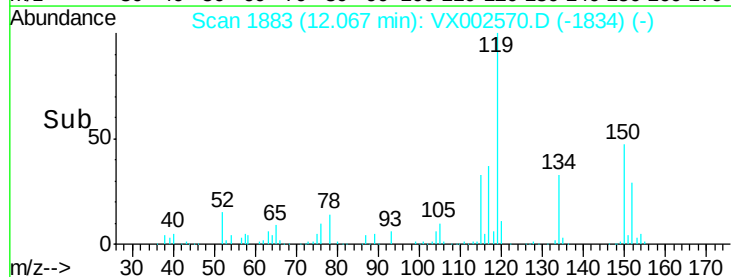
150000

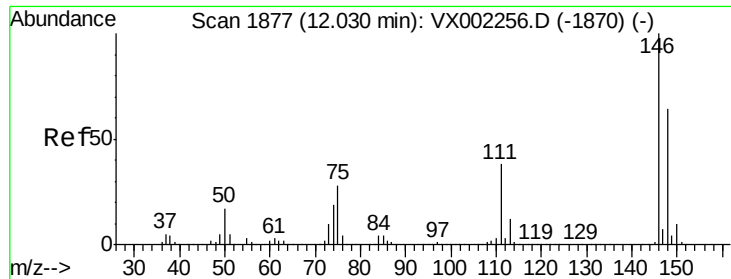
100000

50000

0

Time-->

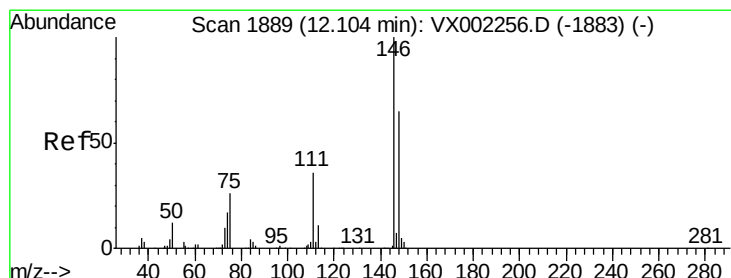
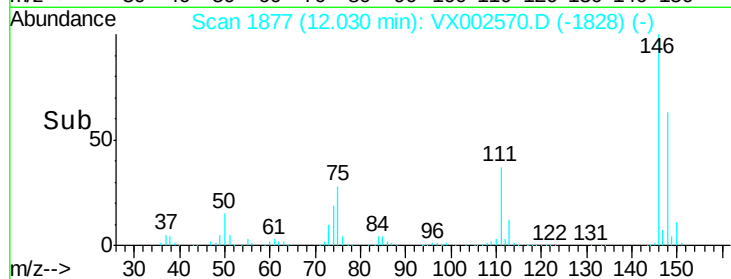
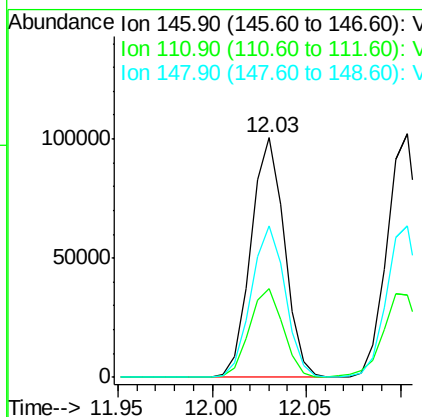
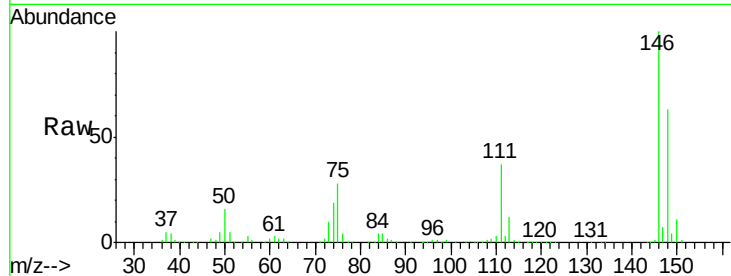




#87
 1,3-Dichlorobenzene
 Concen: 18.94 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

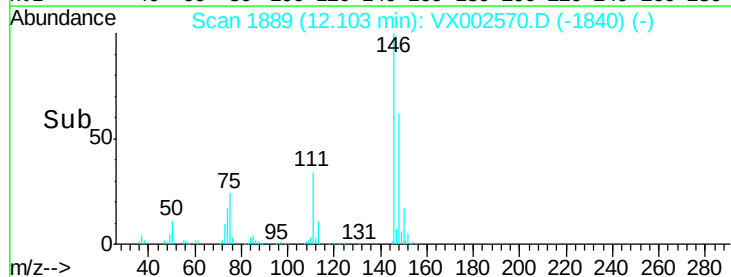
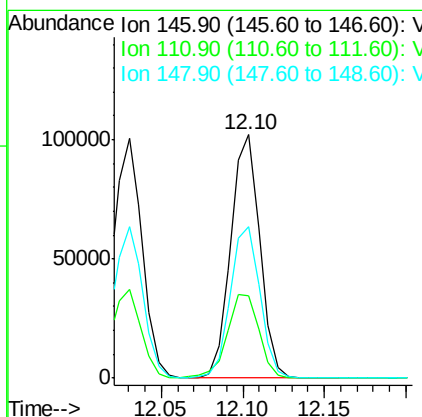
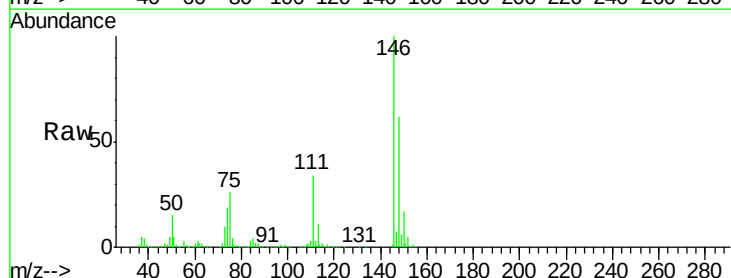
Instrument :
 MSVOA_X
 ClientSampled :

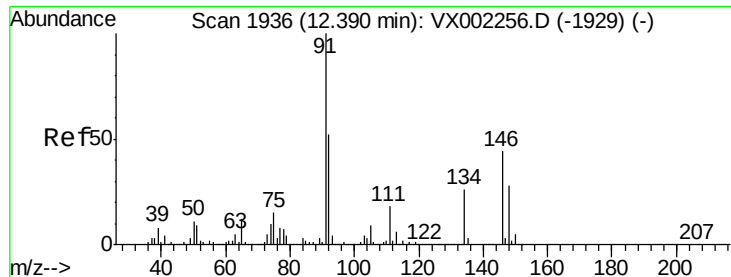
Tot Ion:146 Resp: 124206
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.66 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion:146 Resp: 126120
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 63.8 32.4 97.0

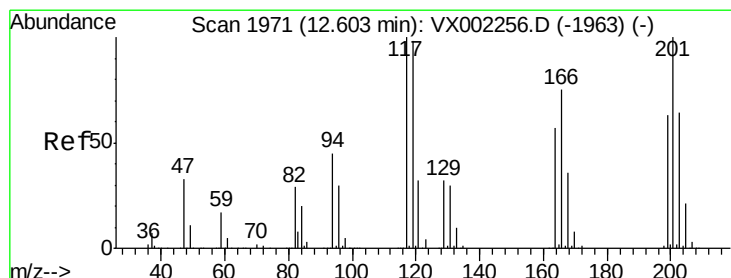
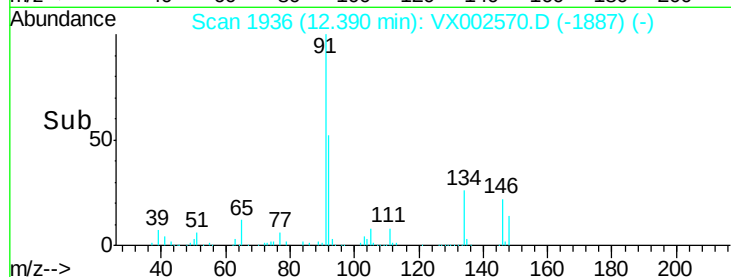
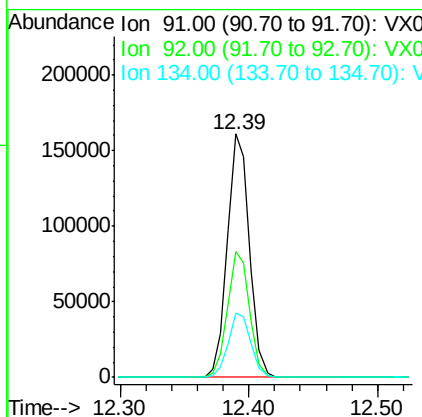
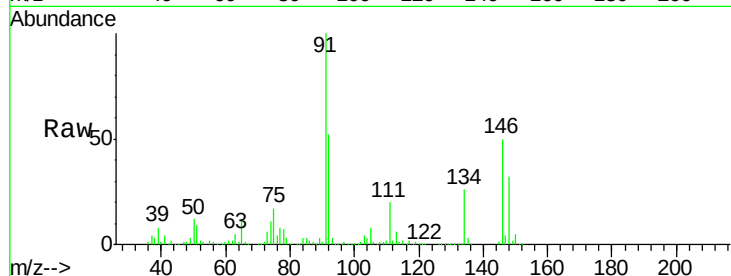




#89
n-Butylbenzene
Concen: 19.93 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

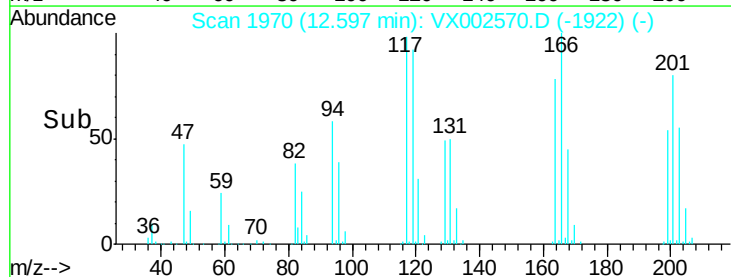
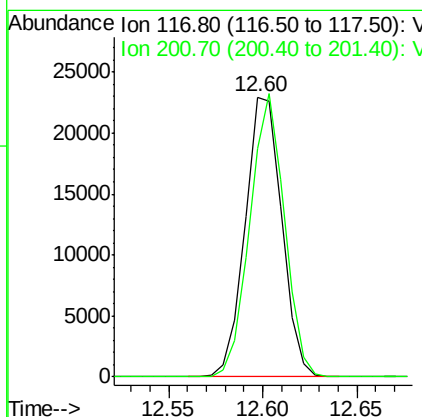
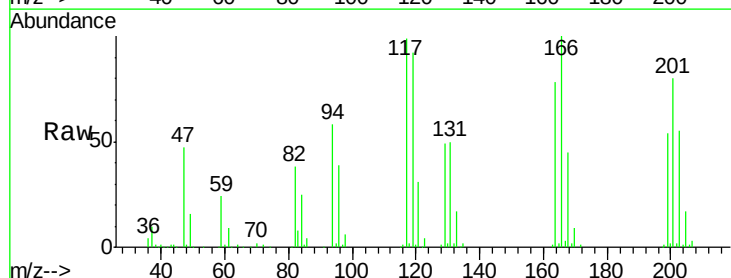
Instrument :
MSVOA_X
ClientSampleId :

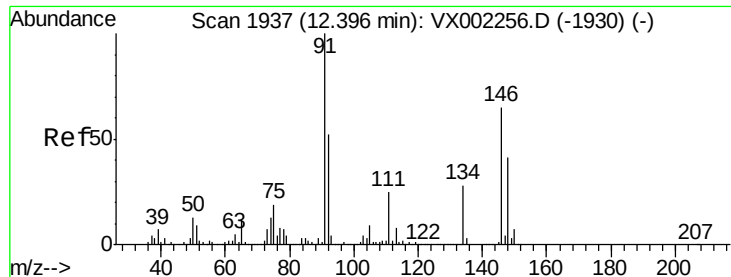
Tot Ion: 91 Resp: 194718
Ion Ratio Lower Upper
91 100
92 51.4 26.0 78.0
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 16.64 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion: 117 Resp: 30946
Ion Ratio Lower Upper
117 100
201 95.1 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 18.90 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

Instrument :

MSVOA_X

ClientSampleId :

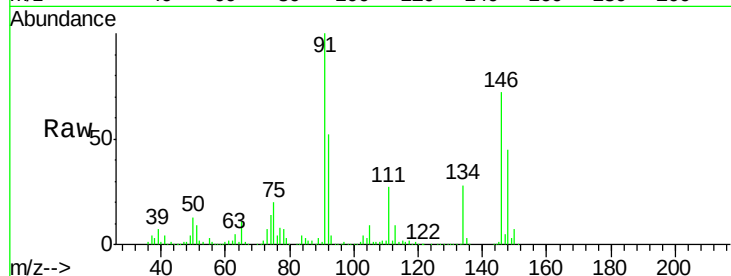
Tot Ion:146 Resp: 128211

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.1

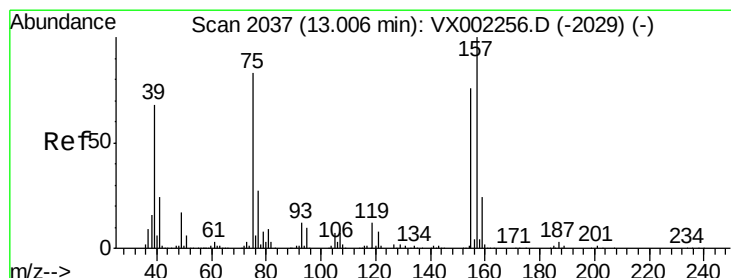
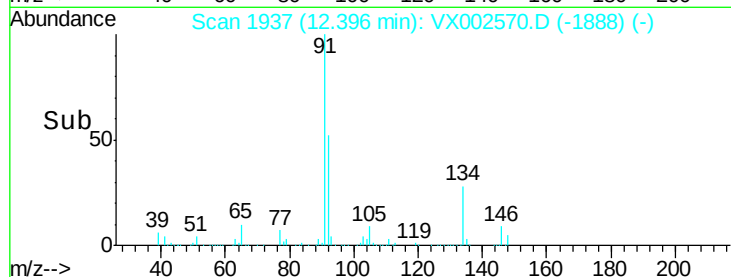
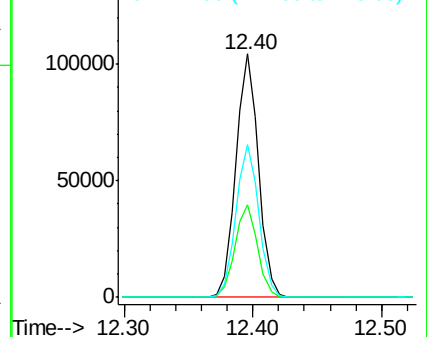
148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.32 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002570.D

Acq: 15 Jun 2018 00:17

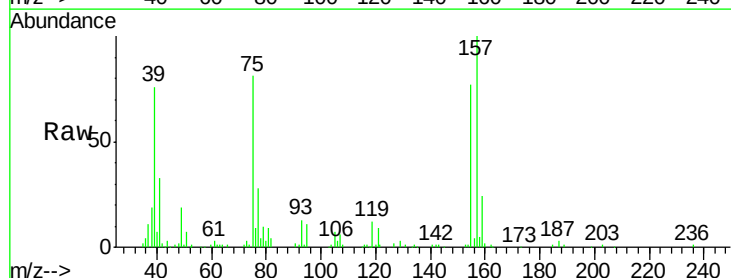
Tgt Ion: 75 Resp: 15555

Ion Ratio Lower Upper

75 100

155 92.6 45.8 137.4

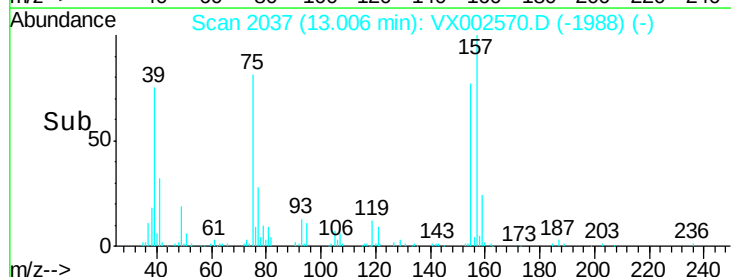
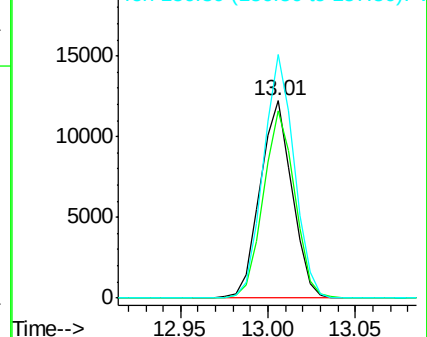
157 118.6 60.1 180.3

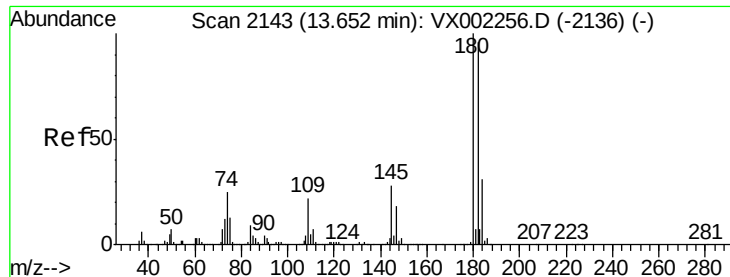


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

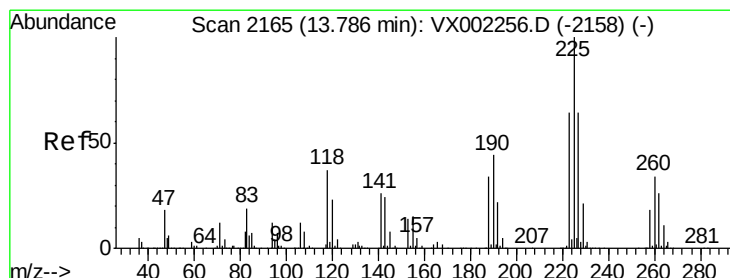
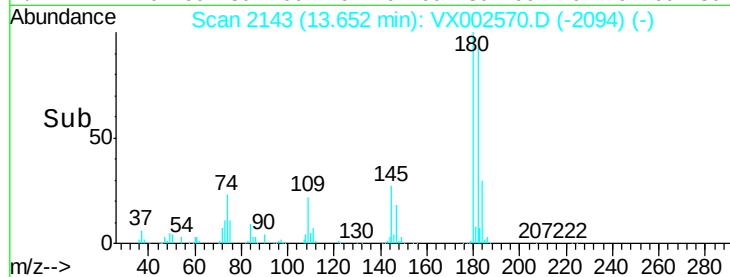
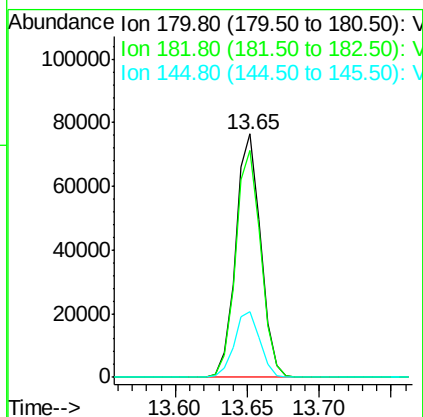
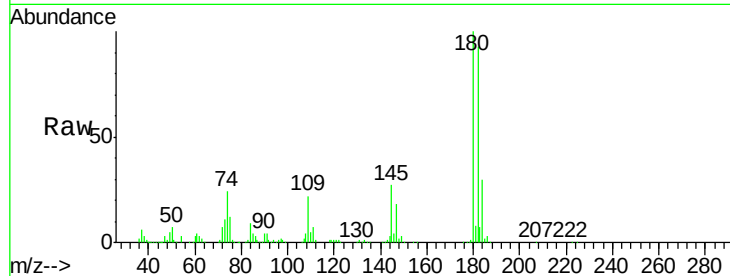




#93
 1,2,4-Trichlorobenzene
 Concen: 19.38 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

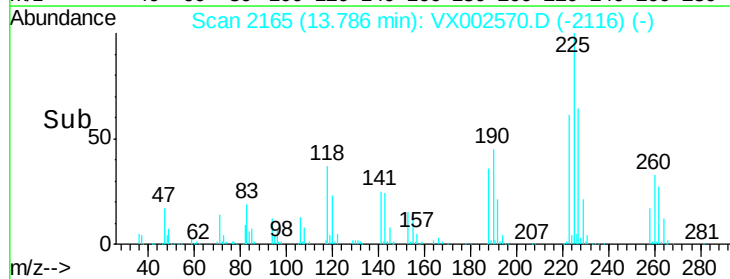
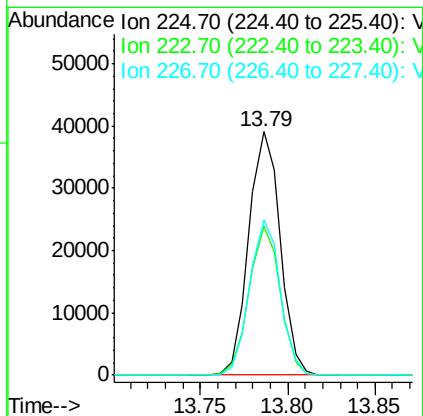
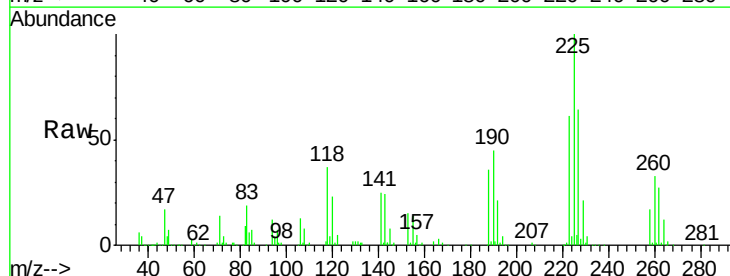
Instrument :
 MSVOA_X
 ClientSampled :

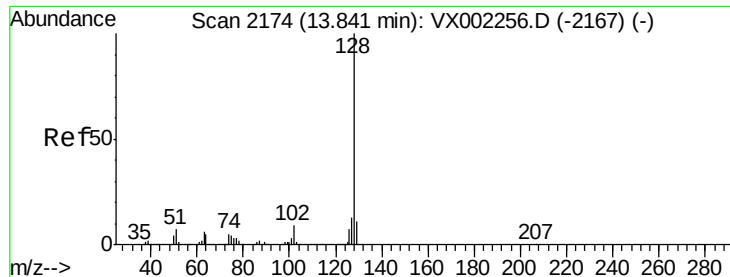
Tot Ion:180 Resp: 92203
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.7 143.1
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.80 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002570.D
 Acq: 15 Jun 2018 00:17

Tgt Ion:225 Resp: 48882
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.6 95.0
 227 62.2 32.4 97.2

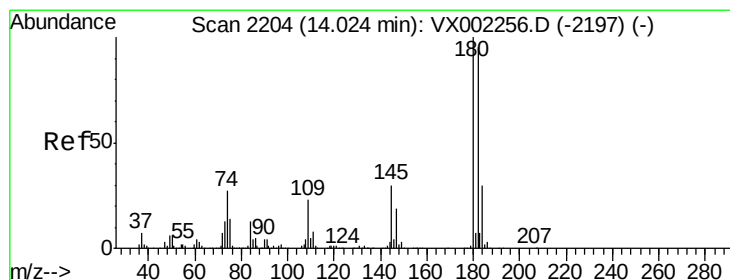
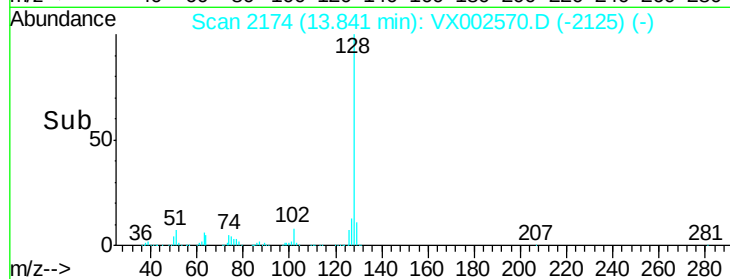
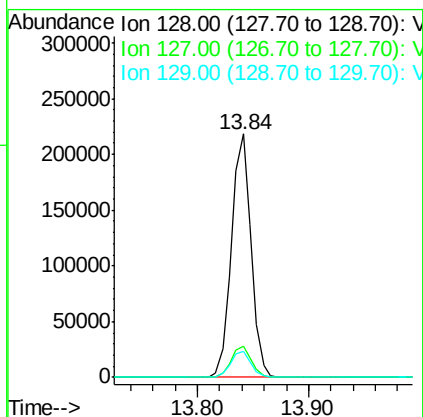
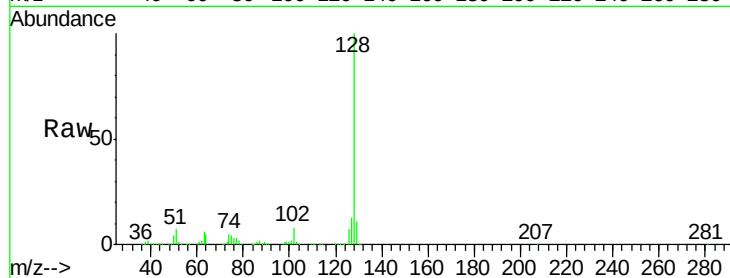




#95
Naphthalene
Concen: 19.37 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 264726
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.27 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002570.D
Acq: 15 Jun 2018 00:17

Tgt Ion:180 Resp: 93489
Ion Ratio Lower Upper
180 100
182 96.3 48.0 144.0
145 29.7 14.8 44.3

