

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002482.D
 Acq On : 12 Jun 2018 22:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 03:28:47 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	204446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194168	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	143162	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
35) Dibromofluoromethane	5.51	113	112814	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.72	98	430707	47.93	ug/l	0.00
Spiked Amount			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.14	95	164886	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98087	46.15	ug/l	99
3) Chloromethane	1.32	50	113514	46.41	ug/l	100
4) Vinyl Chloride	1.41	62	131992	49.28	ug/l	100
5) Bromomethane	1.64	94	75976	50.13	ug/l	98
6) Chloroethane	1.72	64	90651	52.32	ug/l	97
7) Trichlorofluoromethane	1.93	101	230501	56.48	ug/l	98
8) Diethyl Ether	2.19	74	83624	58.05	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128197	58.21	ug/l	100
10) Methyl Iodide	2.51	142	135857	43.86	ug/l	98
11) Tert butyl alcohol	3.08	59	172492	291.14	ug/l	98
12) 1,1-Dichloroethene	2.37	96	113822	52.30	ug/l	100
13) Acrolein	2.30	56	62418	213.60	ug/l	98
14) Allyl chloride	2.73	41	229481	48.58	ug/l	99
15) Acrylonitrile	3.15	53	364250	294.46	ug/l	99
16) Acetone	2.45	43	345733	277.04	ug/l	99
17) Carbon Disulfide	2.57	76	246534	42.98	ug/l	99
18) Methyl Acetate	2.78	43	180011	62.11	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	439236	58.35	ug/l	100
20) Methylene Chloride	2.86	84	133258	58.09	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	122948	51.23	ug/l	96
22) Diisopropyl ether	3.88	45	406938	51.62	ug/l	98
23) Vinyl Acetate	3.83	43	1734754	226.56	ug/l	100
24) 1,1-Dichloroethane	3.70	63	240309	51.48	ug/l	100
25) 2-Butanone	4.71	43	463478	231.21	ug/l	100
26) 2,2-Dichloropropane	4.59	77	137768	37.75	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	121812	46.67	ug/l	94
28) Bromochloromethane	5.03	49	110388	56.03	ug/l	99
29) Tetrahydrofuran	5.17	42	303443	234.78	ug/l	99
30) Chloroform	5.22	83	221621	49.20	ug/l	97
31) Cyclohexane	5.58	56	179330	48.58	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	191096	50.02	ug/l	99
36) 1,1-Dichloropropene	5.80	75	155617	49.65	ug/l	99
37) Ethyl Acetate	4.87	43	181743	48.22	ug/l	99
38) Carbon Tetrachloride	5.79	117	167594	51.11	ug/l	99

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 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 03:28:47 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	181508	46.89	ug/l	97
40) Benzene	6.15	78	473879	49.31	ug/l	99
41) Methacrylonitrile	5.07	41	104521	48.44	ug/l	99
42) 1,2-Dichloroethane	6.20	62	188244	49.30	ug/l	100
43) Isopropyl Acetate	6.47	43	303293	47.37	ug/l	99
44) Trichloroethene	7.22	130	131337	49.24	ug/l	96
45) 1,2-Dichloropropane	7.52	63	127907	49.30	ug/l	97
46) Dibromomethane	7.67	93	86831	49.37	ug/l	97
47) Bromodichloromethane	7.90	83	160254	50.38	ug/l	98
48) Methyl methacrylate	7.78	41	156815	48.76	ug/l	98
49) 1,4-Dioxane	7.76	88	61617	1024.78	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1022479	256.47	ug/l	100
52) Toluene	8.79	92	309866	50.70	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	184774	48.44	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	171954	47.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	129490	51.51	ug/l	100
56) Ethyl methacrylate	9.18	69	196011	48.84	ug/l	98
57) 1,3-Dichloropropane	9.38	76	211600	50.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	470851	253.48	ug/l	100
59) 2-Hexanone	9.50	43	780499	253.46	ug/l	100
60) Dibromochloromethane	9.59	129	132788	52.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	136017	51.89	ug/l	100
64) Tetrachloroethene	9.34	164	148064	48.36	ug/l	99
65) Chlorobenzene	10.14	112	360640	48.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	133080	49.75	ug/l	100
67) Ethyl Benzene	10.26	91	626436	50.67	ug/l	100
68) m/p-Xylenes	10.37	106	484299	100.78	ug/l	100
69) o-Xylene	10.70	106	236742	49.50	ug/l	100
70) Styrene	10.71	104	400232	51.19	ug/l	99
71) Bromoform	10.86	173	101476	42.89	ug/l	# 99
73) Isopropylbenzene	11.02	105	653798	48.40	ug/l	100
74) N-amyl acetate	6.47	43	303293	41.67	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	198421	46.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	225339	52.89	ug/l	80
77) Bromobenzene	11.26	156	177589	46.83	ug/l	98
78) n-propylbenzene	11.37	91	751657	50.07	ug/l	100
79) 2-Chlorotoluene	11.43	91	441338	46.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	557060	48.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48528	39.93	ug/l	94
82) 4-Chlorotoluene	11.51	91	524594	47.94	ug/l	99
83) tert-Butylbenzene	11.77	119	551434	48.88	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	574102	48.14	ug/l	98
85) sec-Butylbenzene	11.95	105	680652	51.46	ug/l	100
86) p-Isopropyltoluene	12.07	119	614754	51.03	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	326220	48.11	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	333294	47.69	ug/l	99
89) n-Butylbenzene	12.39	91	537754	53.22	ug/l	99
90) Hexachloroethane	12.60	117	90693	47.16	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	337756	48.15	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43592	46.92	ug/l	98

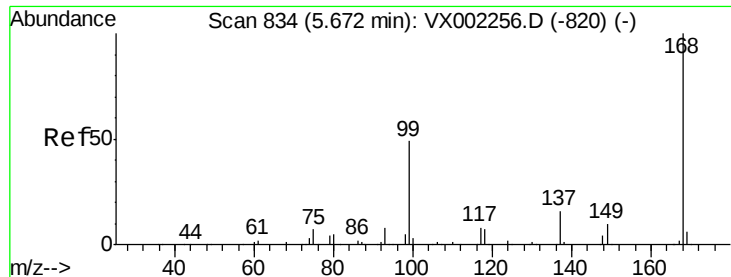
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	243117	49.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	131084	53.93	ug/l	100
95) Naphthalene	13.84	128	696382	49.27	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246947	49.23	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: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

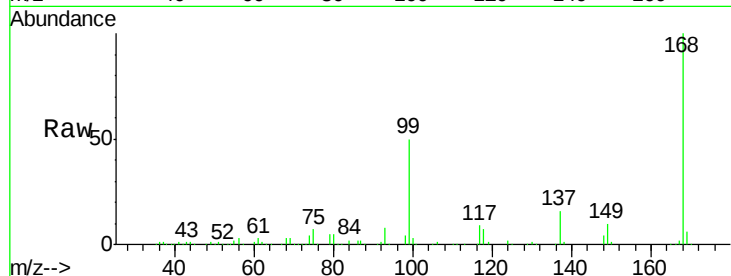
ClientSampleId :

Tot Ion:168 Resp: 204446

Ion Ratio Lower Upper

168 100

99 50.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

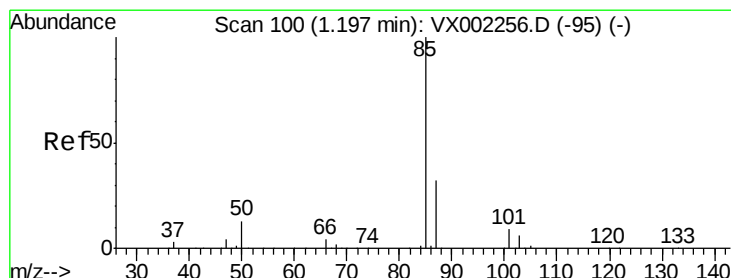
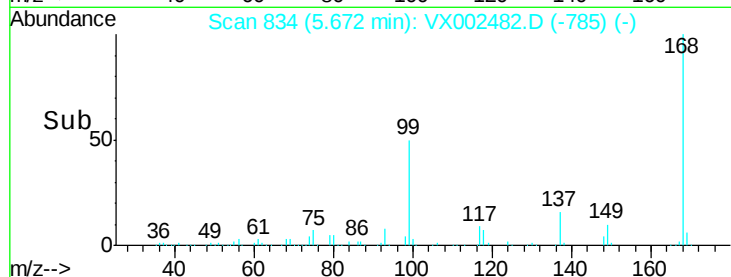
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 46.15 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002482.D

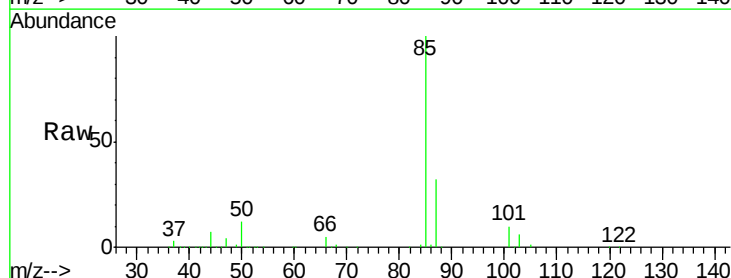
Acq: 12 Jun 2018 22:38

Tgt Ion: 85 Resp: 98087

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

0

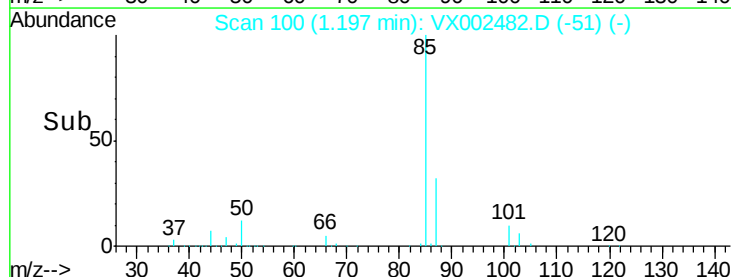
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 46.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

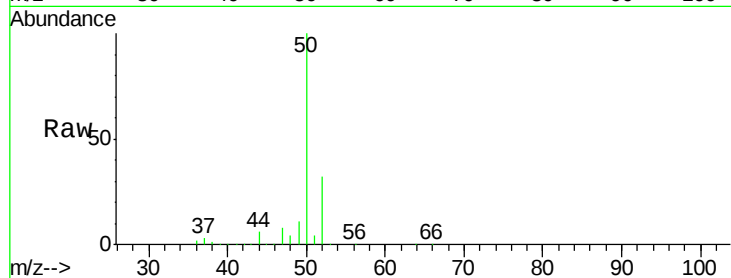
ClientSampled :

Tot Ion: 50 Resp: 113514

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

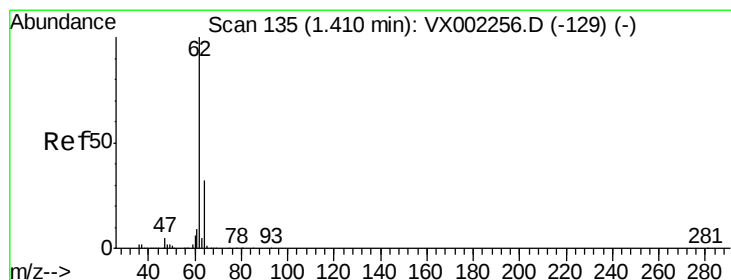
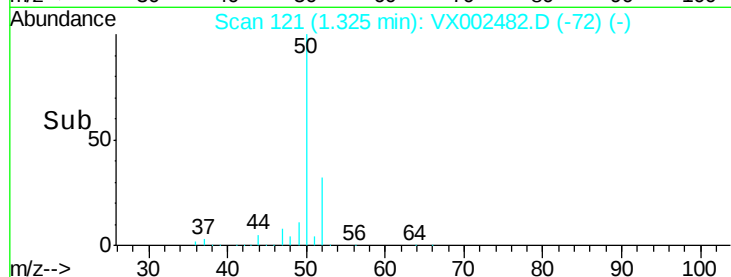
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 49.28 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002482.D

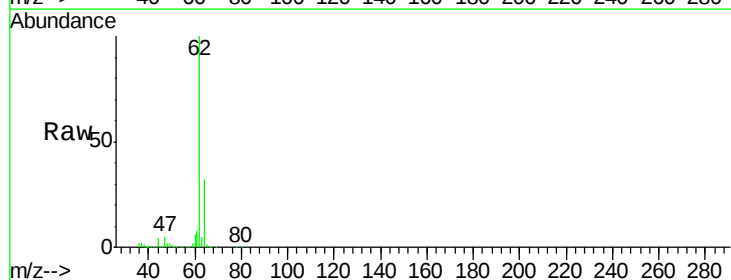
Acq: 12 Jun 2018 22:38

Tgt Ion: 62 Resp: 131992

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

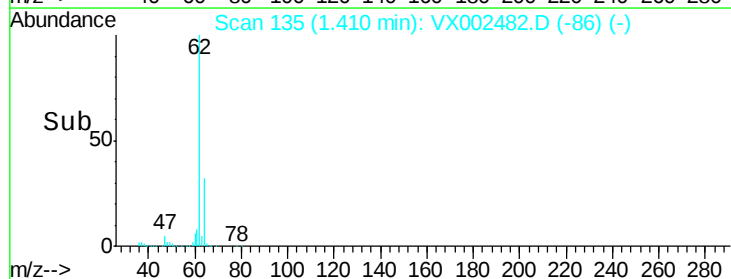
1.41

100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.13 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

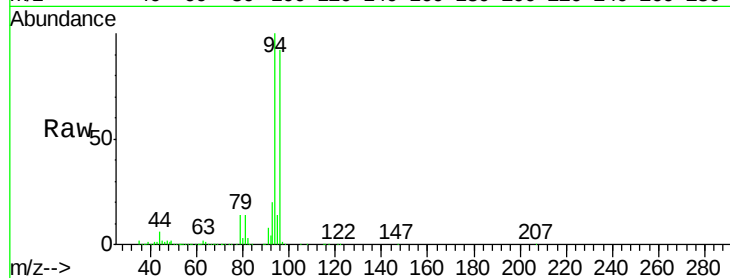
ClientSampleId :

Tot Ion: 94 Resp: 75976

Ion Ratio Lower Upper

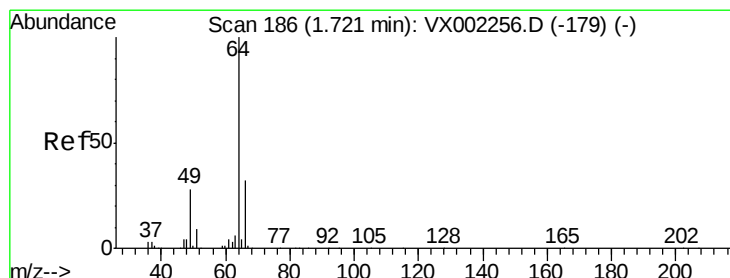
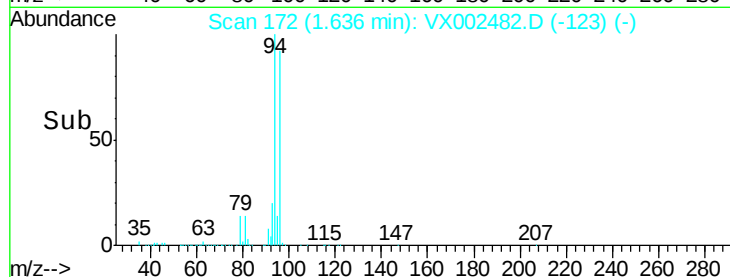
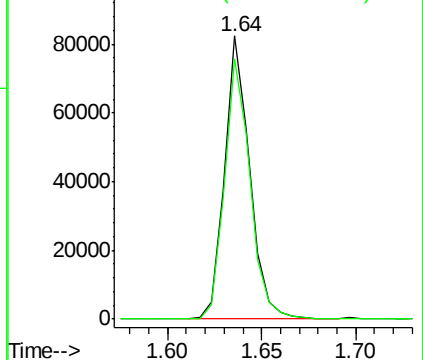
94 100

96 91.9 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: 52.32 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002482.D

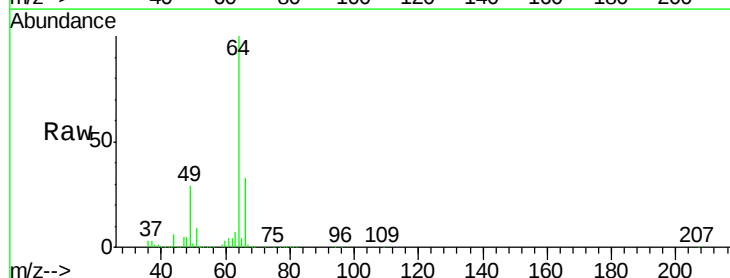
Acq: 12 Jun 2018 22:38

Tgt Ion: 64 Resp: 90651

Ion Ratio Lower Upper

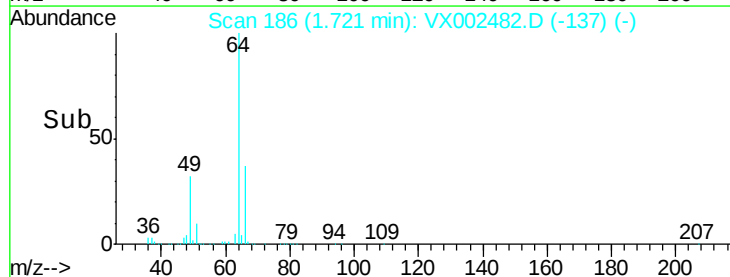
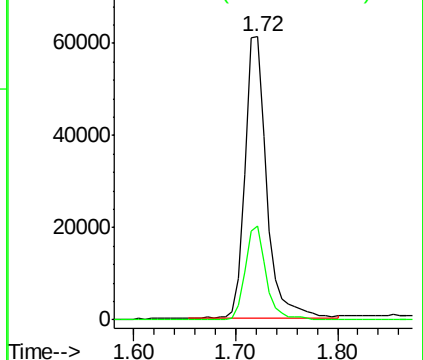
64 100

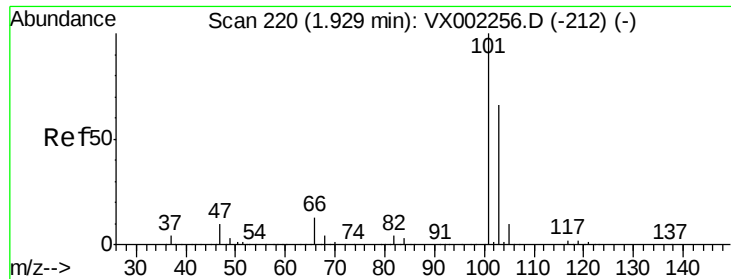
66 33.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



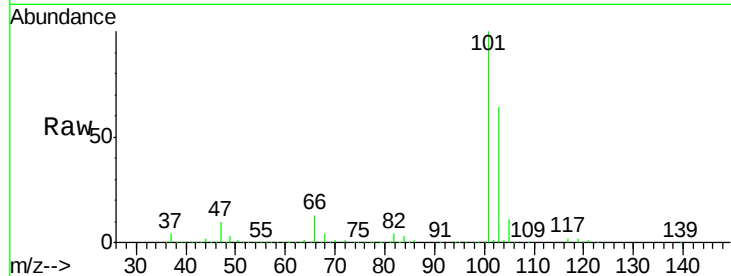


#7

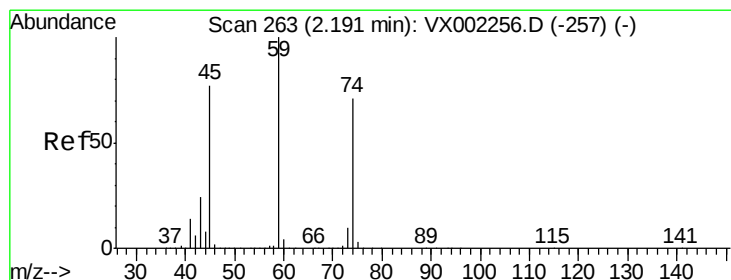
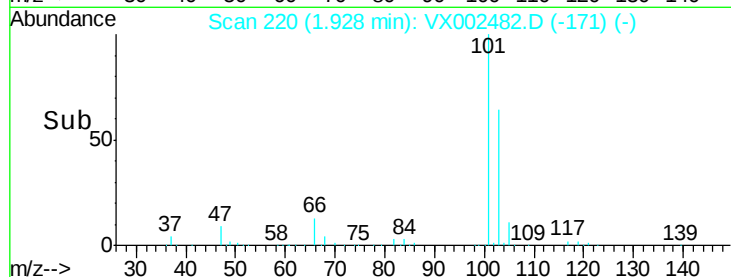
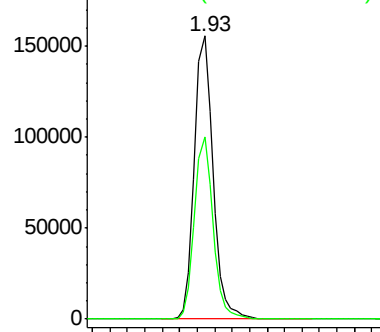
Trichlorofluoromethane
Concen: 56.48 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 230501
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2



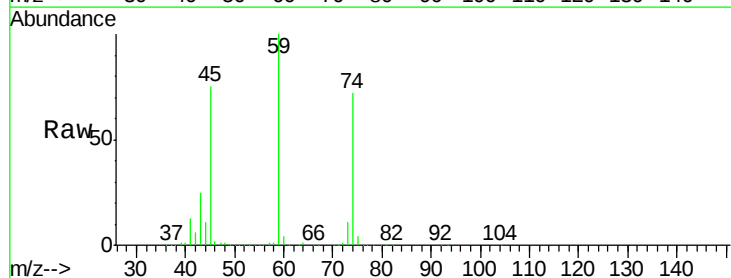
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



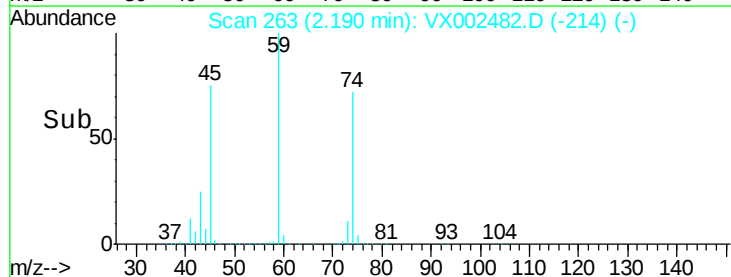
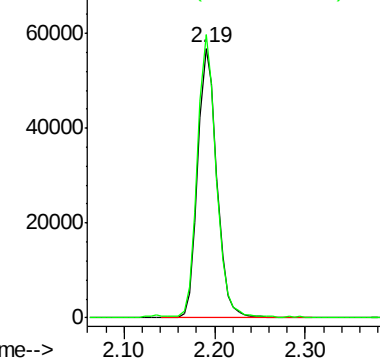
#8

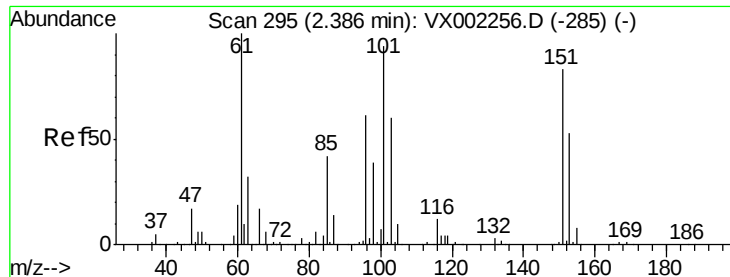
Diethyl Ether
Concen: 58.05 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 74 Resp: 83624
Ion Ratio Lower Upper
74 100
45 102.4 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 58.21 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :

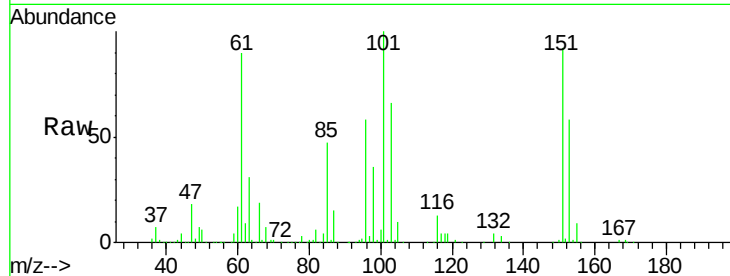
Tot Ion:101 Resp: 128197

Ion Ratio Lower Upper

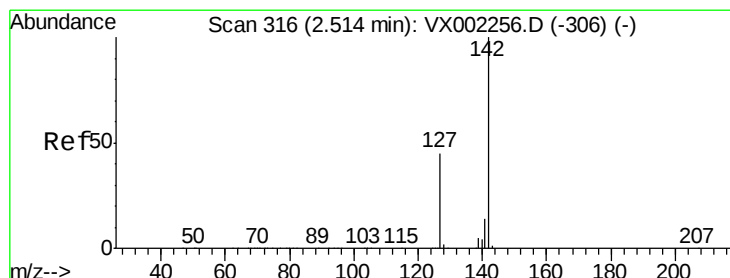
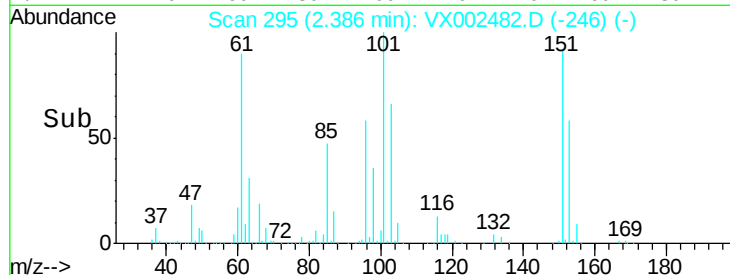
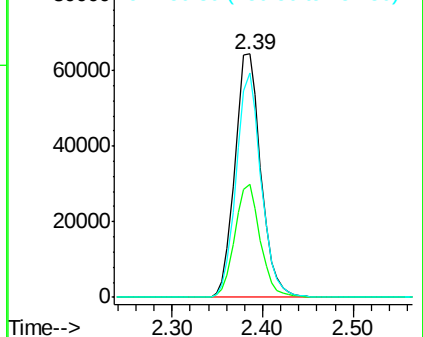
101 100

85 45.5 36.0 54.0

151 88.6 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: 43.86 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

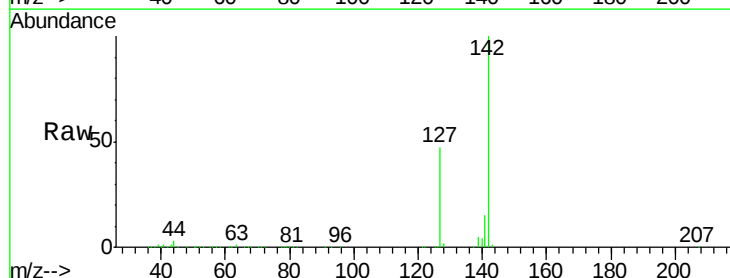
Tgt Ion:142 Resp: 135857

Ion Ratio Lower Upper

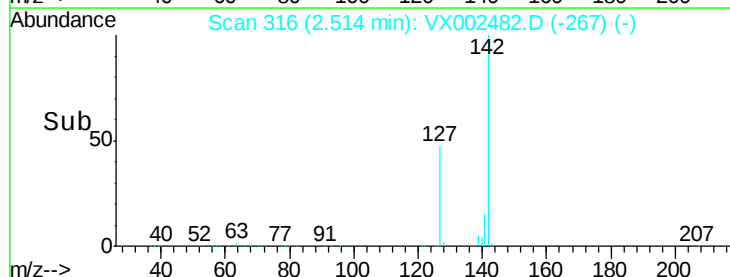
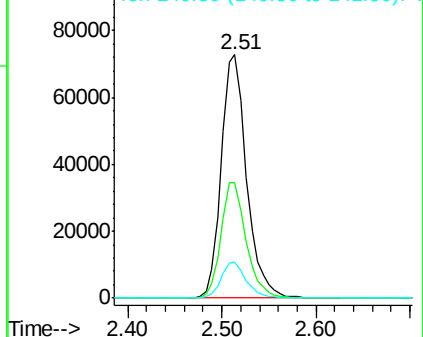
142 100

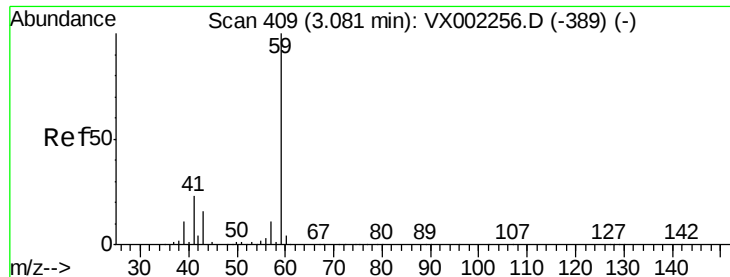
127 47.5 36.6 55.0

141 14.6 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

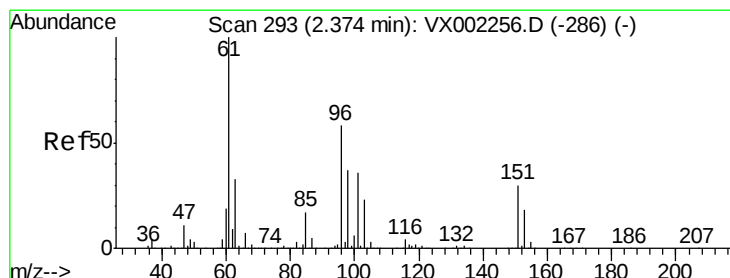
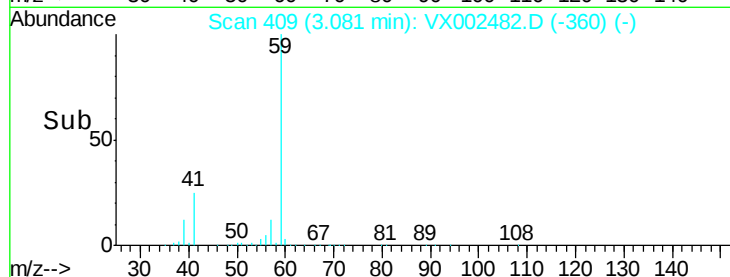
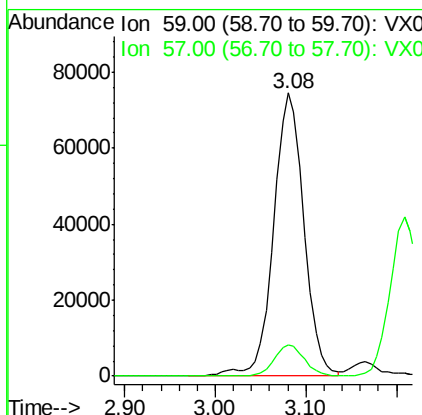
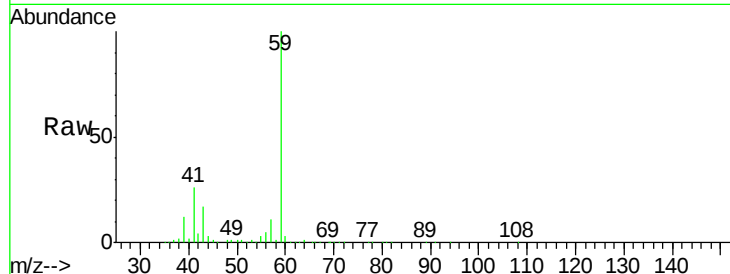




#11
Tert butyl alcohol
Concen: 291.14 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

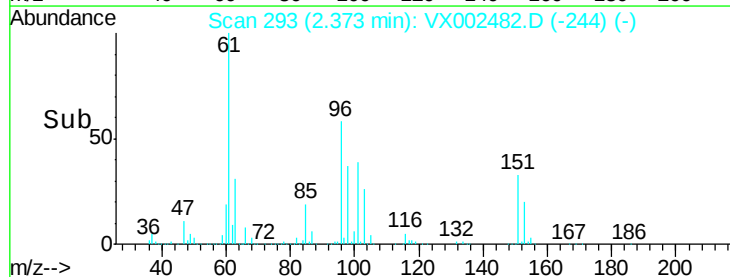
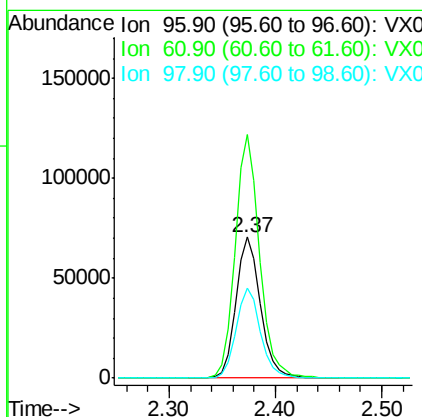
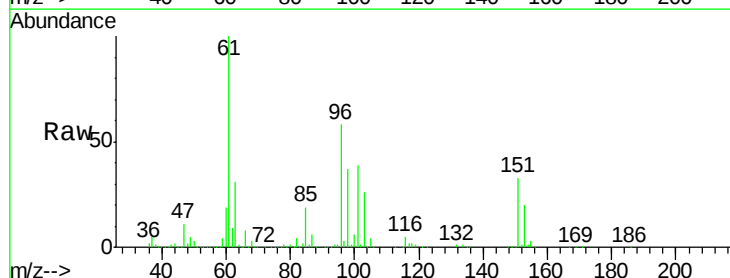
Instrument :
MSVOA_X
ClientSampled :

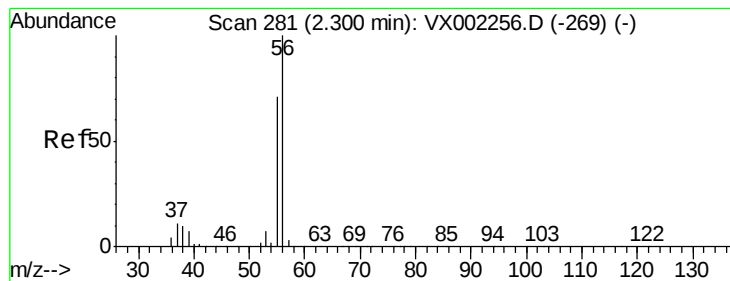
Tot Ion: 59 Resp: 172492
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.30 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 96 Resp: 113822
Ion Ratio Lower Upper
96 100
61 172.7 137.9 206.9
98 64.1 51.6 77.4





#13

Acrolein

Concen: 213.60 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

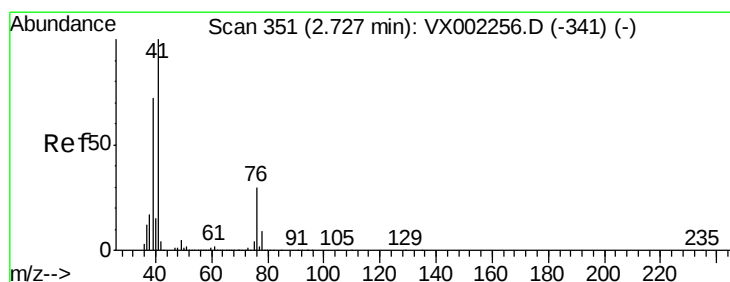
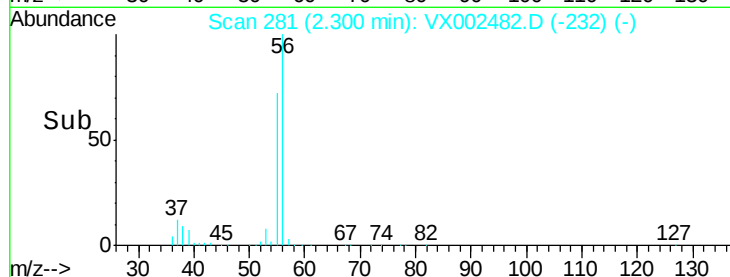
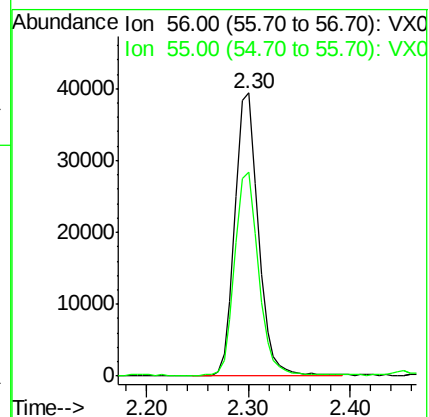
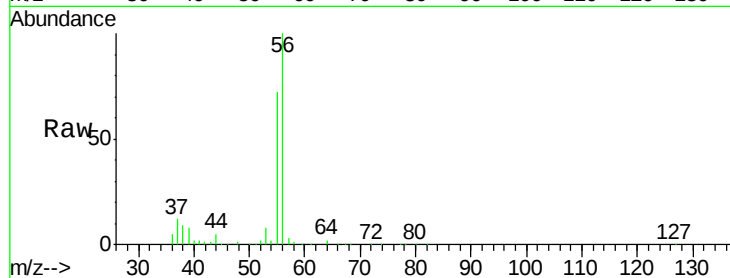
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 62418

Ion Ratio Lower Upper

56 100

55 73.1 57.0 85.4



#14

Allyl chloride

Concen: 48.58 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

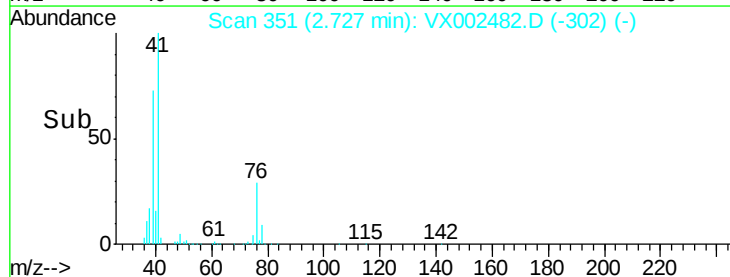
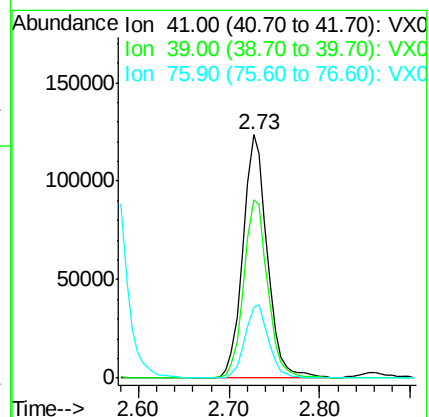
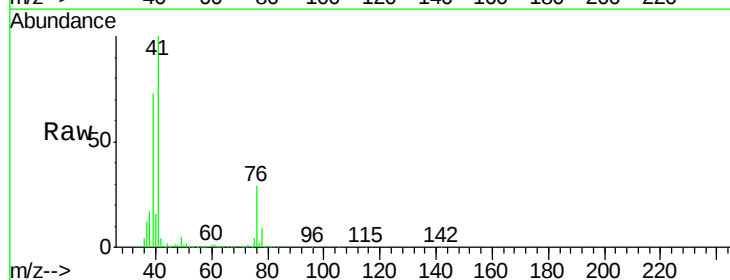
Tgt Ion: 41 Resp: 229481

Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

76 29.3 23.8 35.8





#15

Acrylonitrile

Concen: 294.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampled :

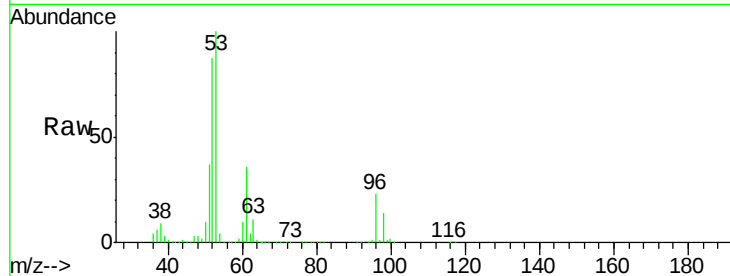
Tot Ion: 53 Resp: 364250

Ion Ratio Lower Upper

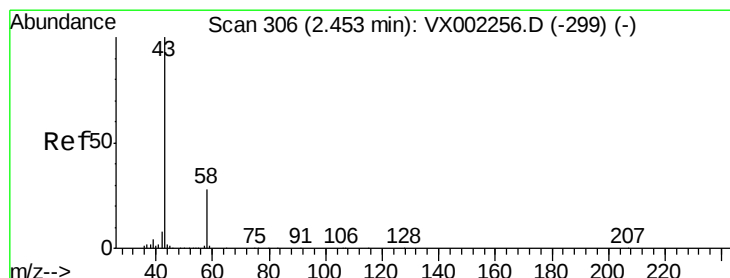
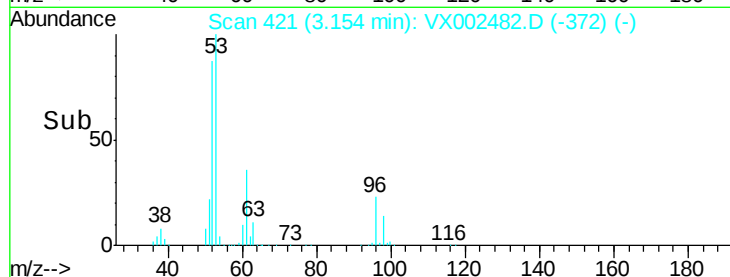
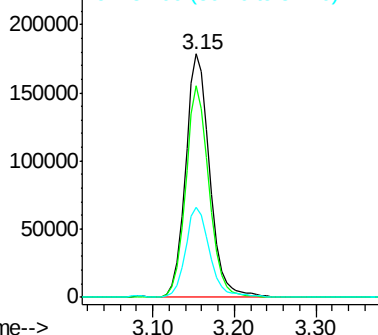
53 100

52 84.1 66.7 100.1

51 37.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 277.04 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002482.D

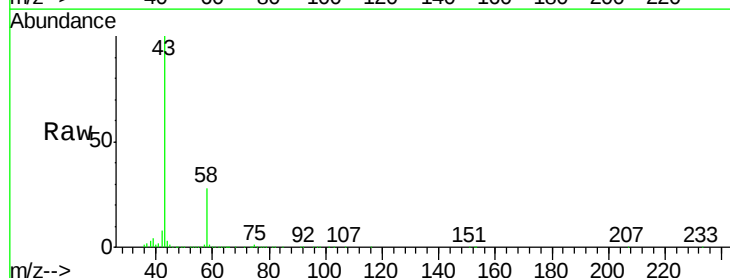
Acq: 12 Jun 2018 22:38

Tgt Ion: 43 Resp: 345733

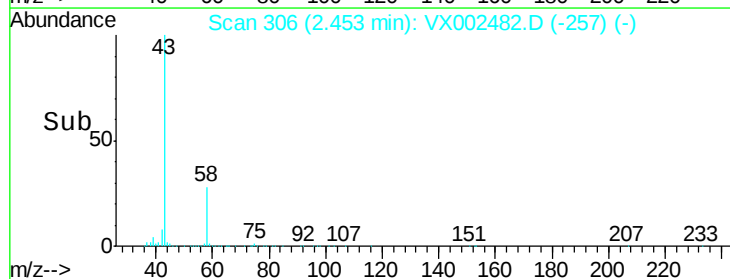
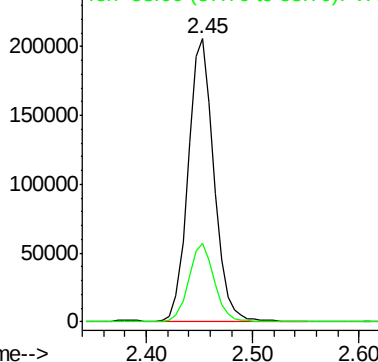
Ion Ratio Lower Upper

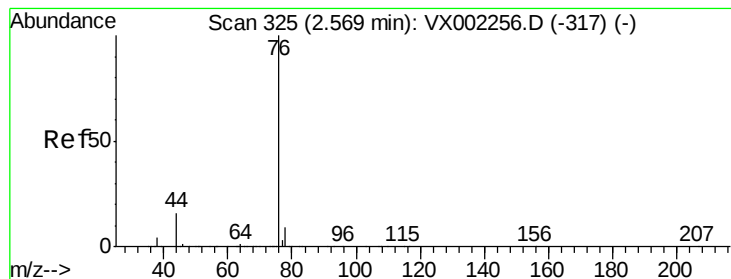
43 100

58 27.9 22.1 33.1



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





#17

Carbon Disulfide

Concen: 42.98 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

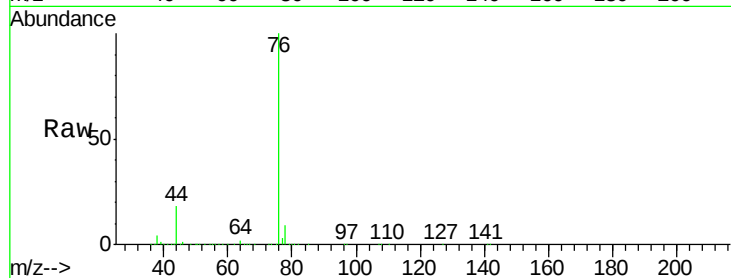
ClientSampleId :

Tot Ion: 76 Resp: 246534

Ion Ratio Lower Upper

76 100

78 9.0 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

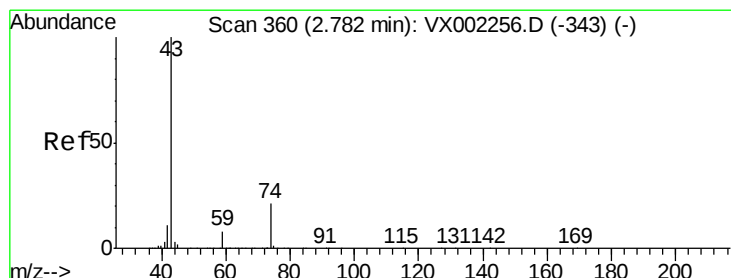
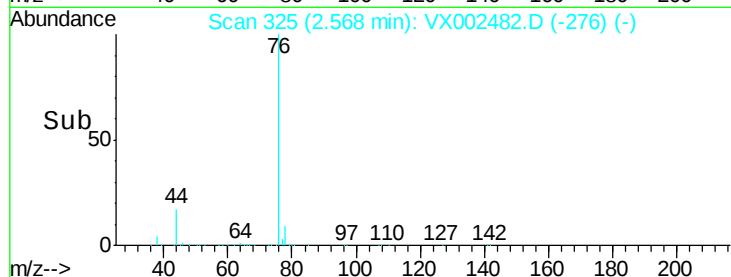
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 62.11 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002482.D

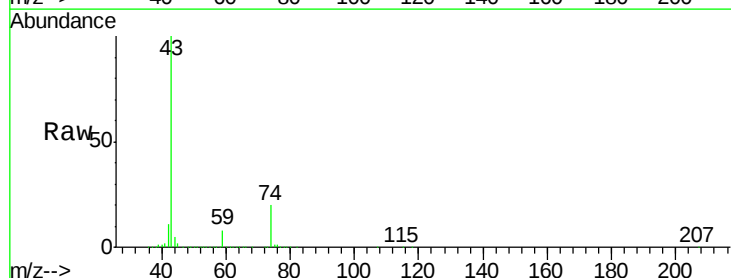
Acq: 12 Jun 2018 22:38

Tgt Ion: 43 Resp: 180011

Ion Ratio Lower Upper

43 100

74 20.6 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

120000

100000

80000

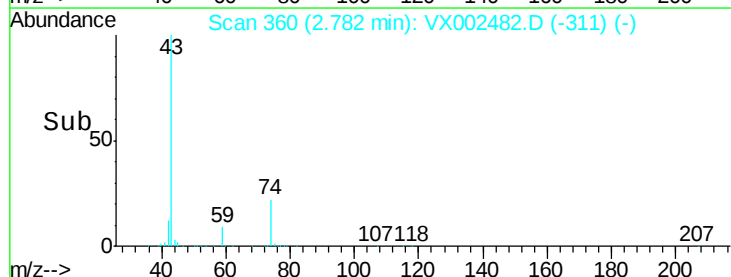
60000

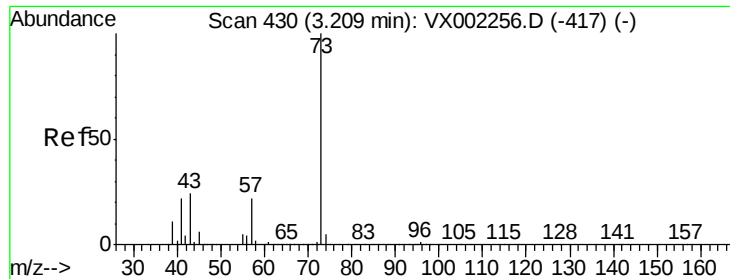
40000

20000

0

Time-->



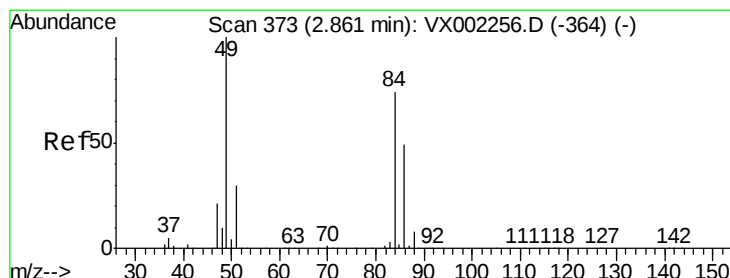
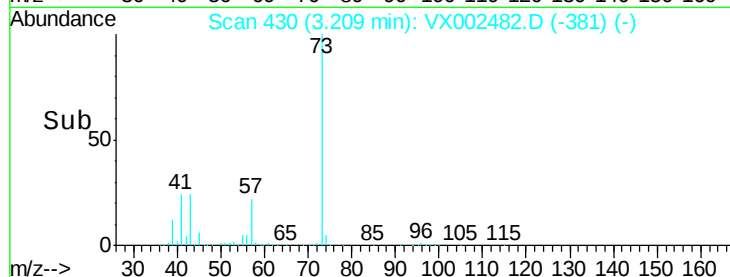
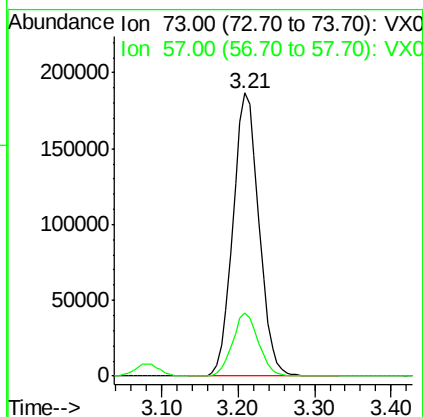
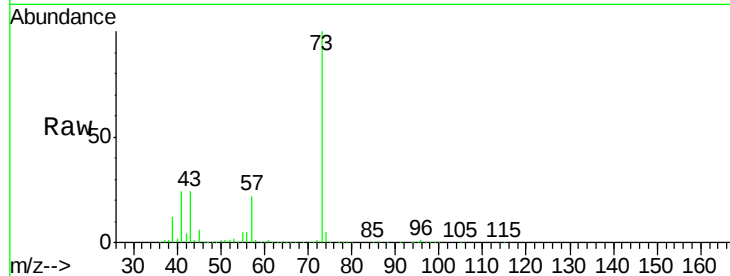


#19

Methyl tert-butyl Ether
 Concen: 58.35 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :

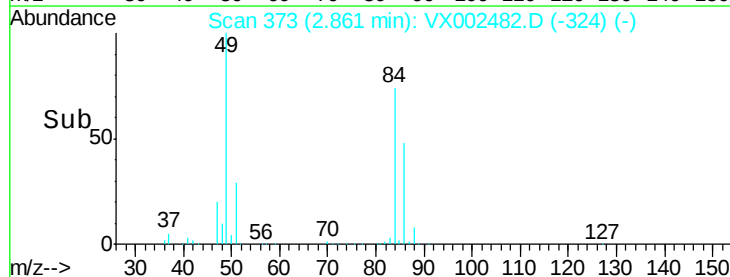
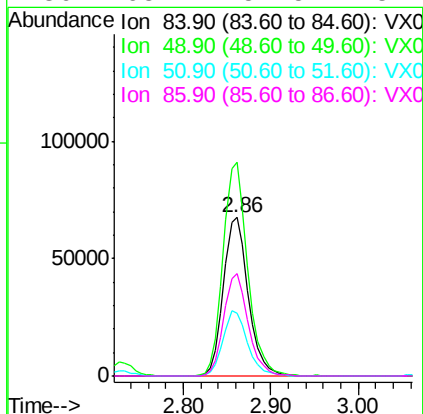
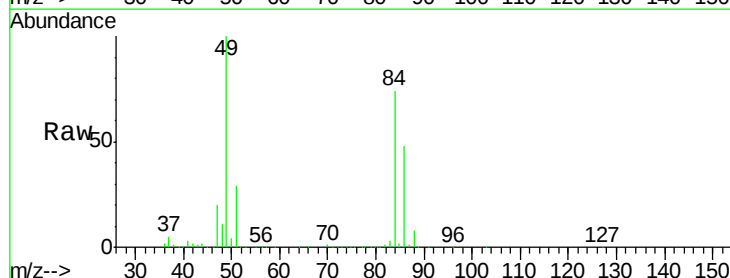
Tot Ion: 73 Resp: 439236
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.7 26.5

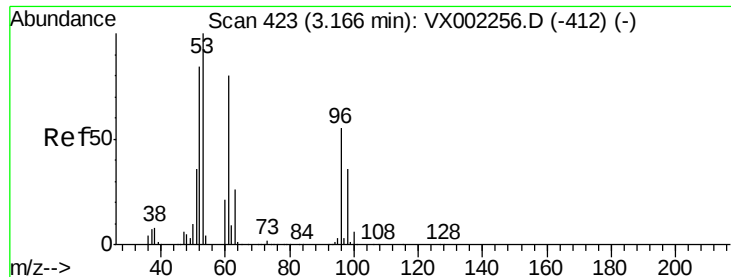


#20

Methylene Chloride
 Concen: 58.09 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion: 84 Resp: 133258
 Ion Ratio Lower Upper
 84 100
 49 134.9 107.8 161.6
 51 39.6 32.8 49.2
 86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

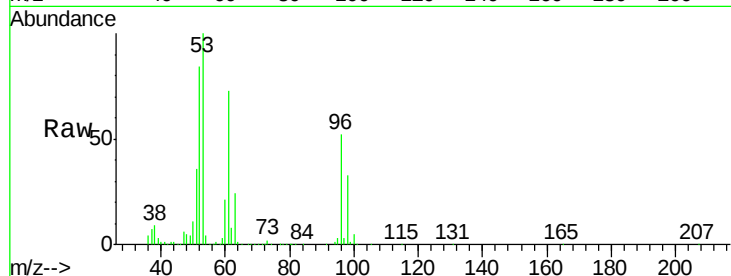
Tot Ion: 96 Resp: 122948

Ion Ratio Lower Upper

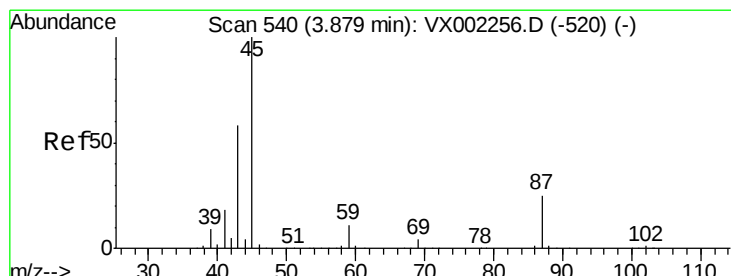
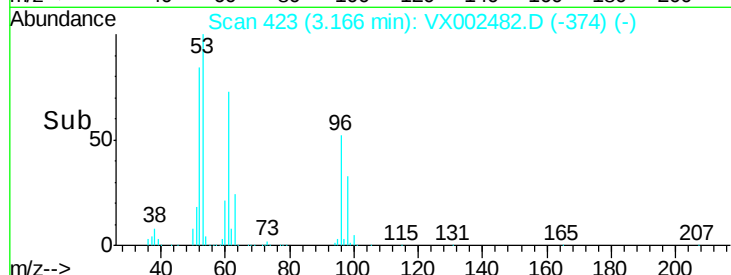
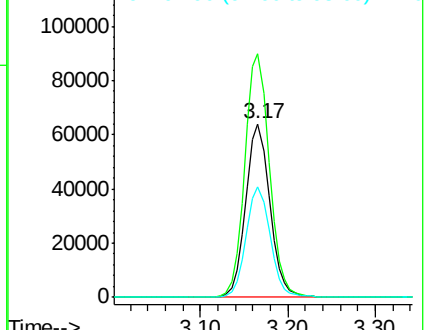
96 100

61 140.0 117.0 175.4

98 63.7 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: 51.62 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion: 45 Resp: 406938

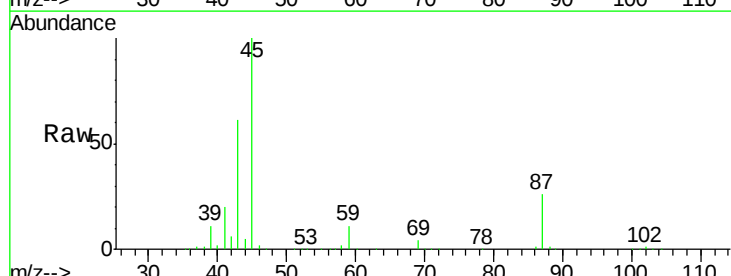
Ion Ratio Lower Upper

45 100

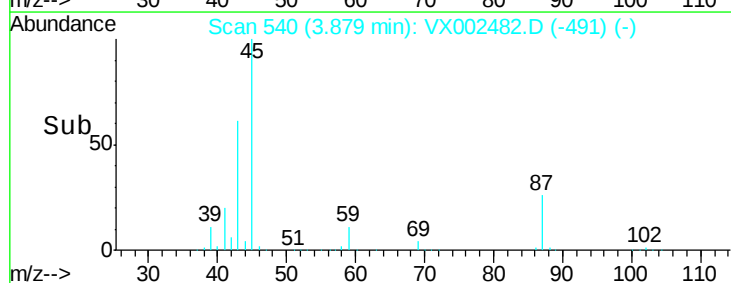
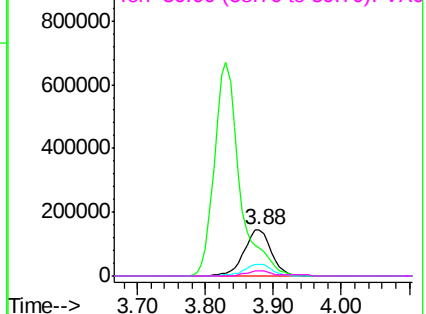
43 61.1 46.8 70.2

87 25.7 20.2 30.4

59 10.6 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: 226.56 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

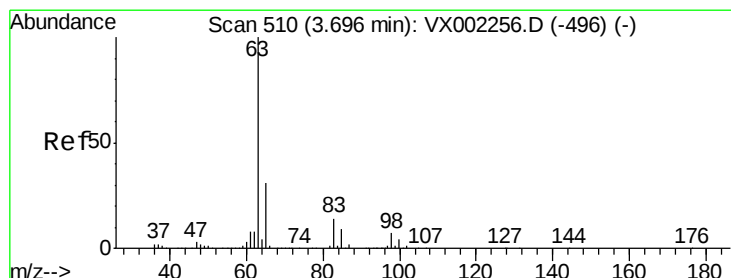
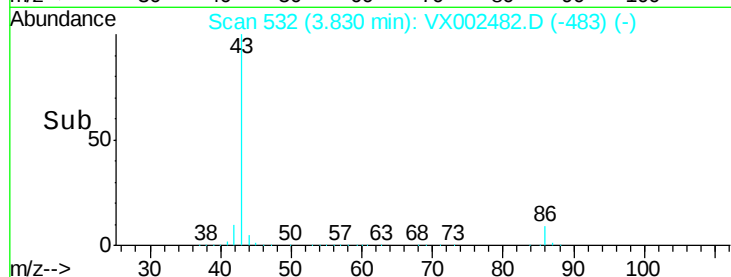
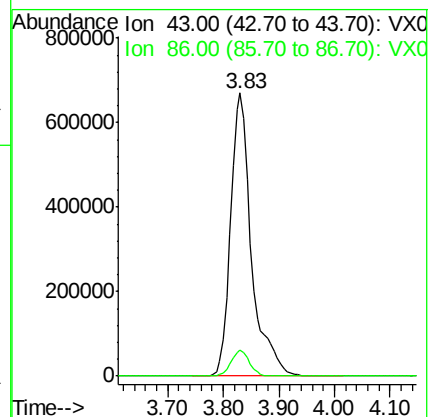
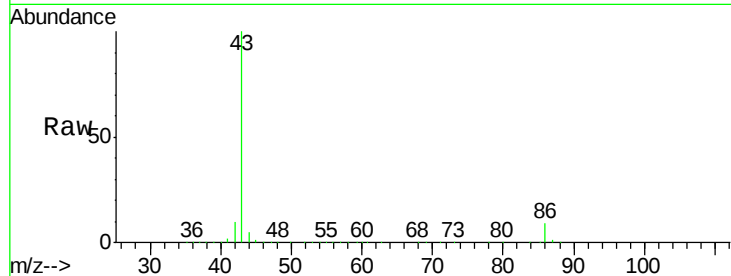
ClientSampled :

Tot Ion: 43 Resp: 1734754

Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.0



#24

1,1-Dichloroethane

Concen: 51.48 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

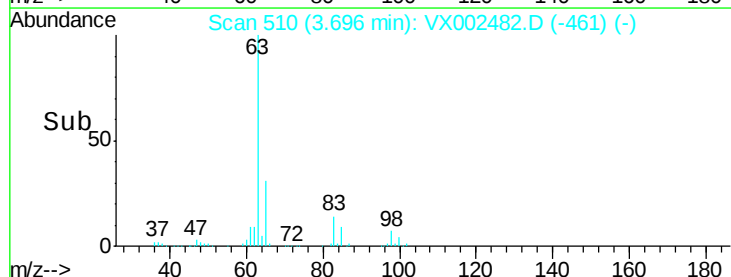
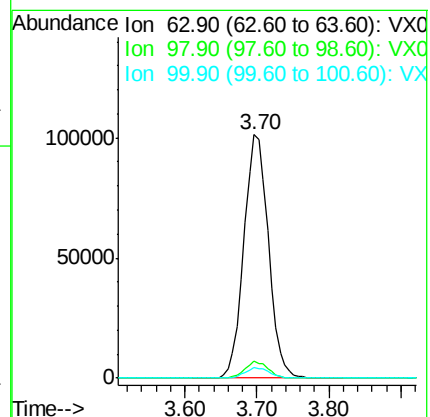
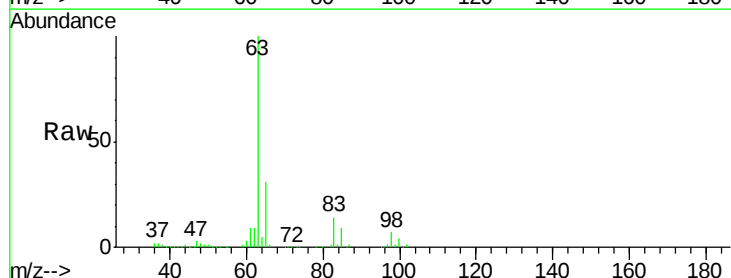
Tgt Ion: 63 Resp: 240309

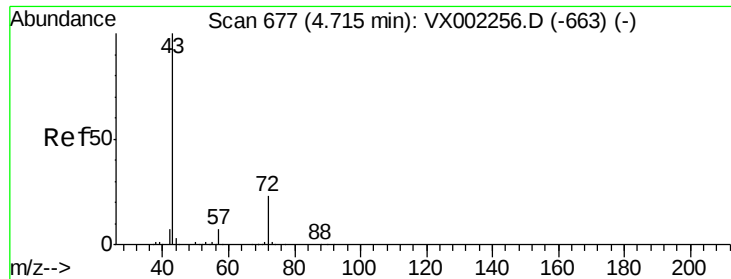
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 231.21 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

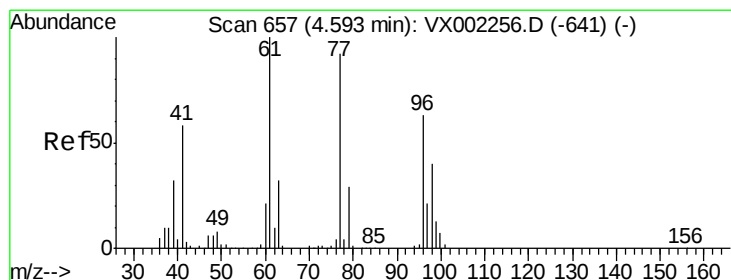
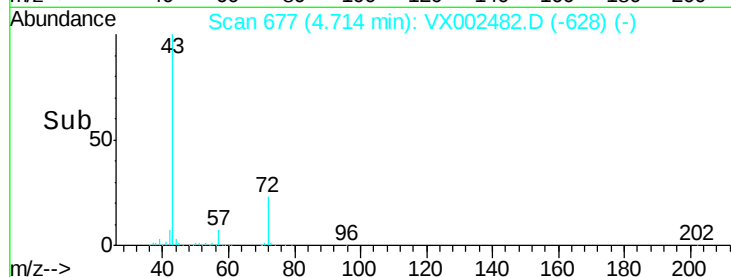
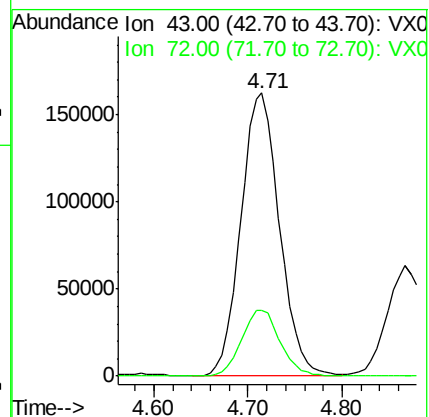
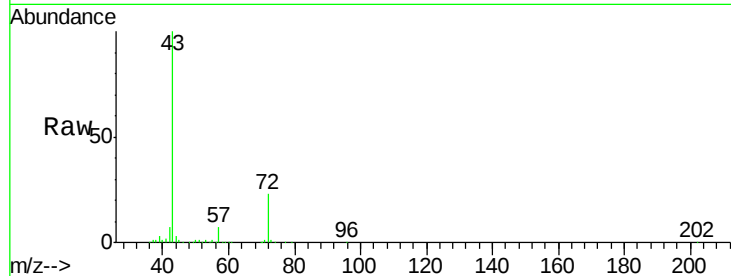
ClientSampleId :

Tot Ion: 43 Resp: 463478

Ion Ratio Lower Upper

43 100

72 23.2 18.5 27.7



#26

2,2-Dichloropropane

Concen: 37.75 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002482.D

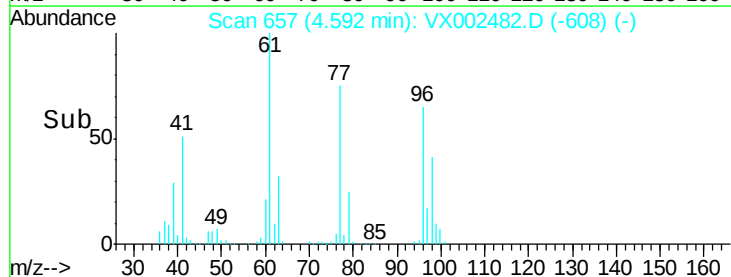
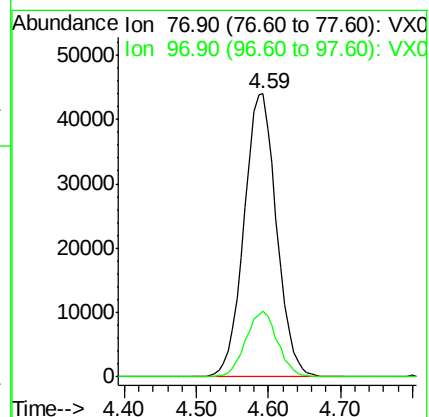
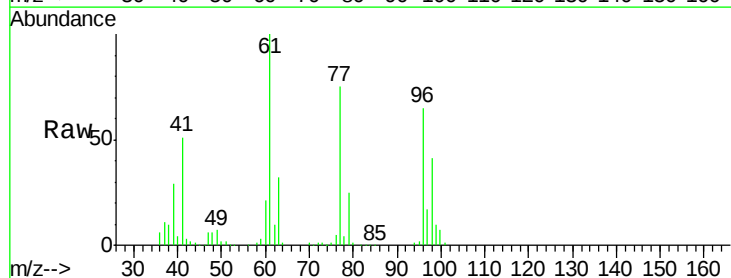
Acq: 12 Jun 2018 22:38

Tgt Ion: 77 Resp: 137768

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 46.67 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

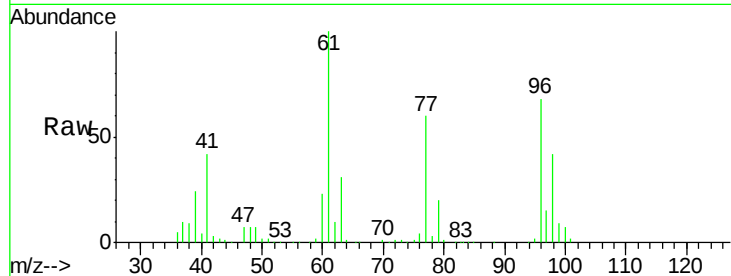
Tot Ion: 96 Resp: 121812

Ion Ratio Lower Upper

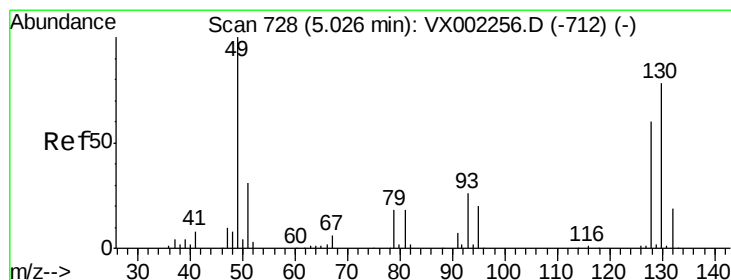
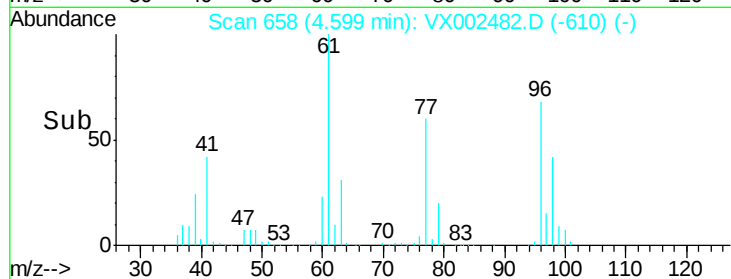
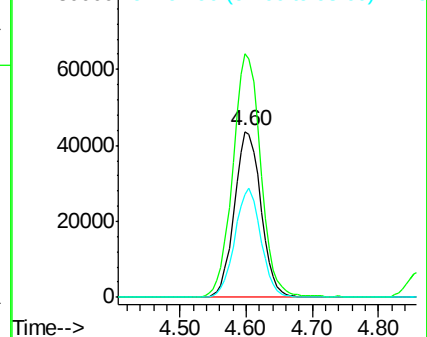
96 100

61 154.3 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: 56.03 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

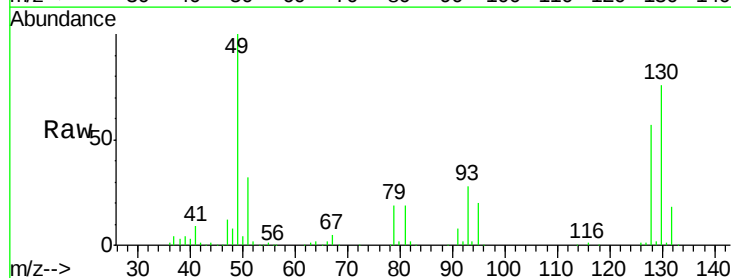
Tgt Ion: 49 Resp: 110388

Ion Ratio Lower Upper

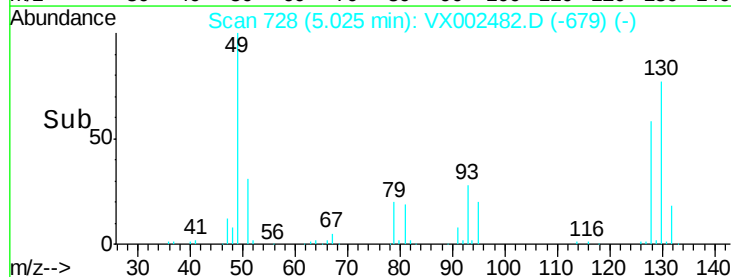
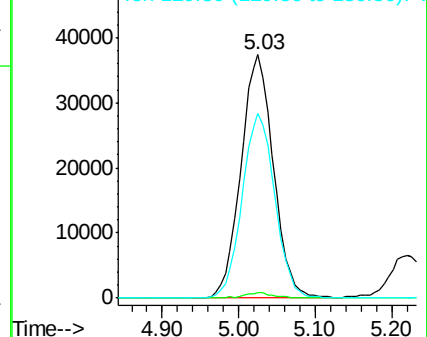
49 100

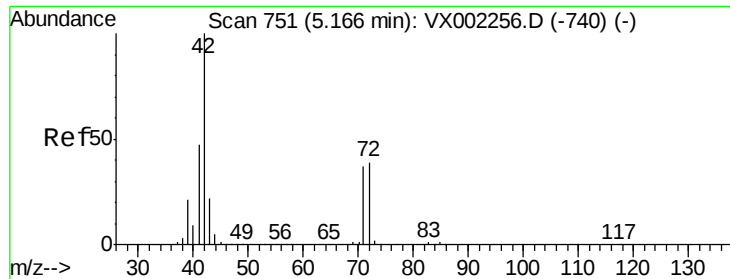
129 1.9 0.0 4.2

130 76.0 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

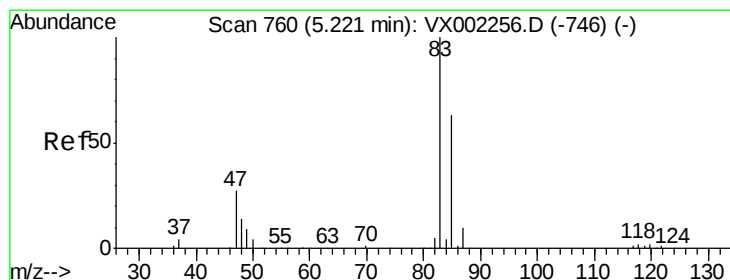
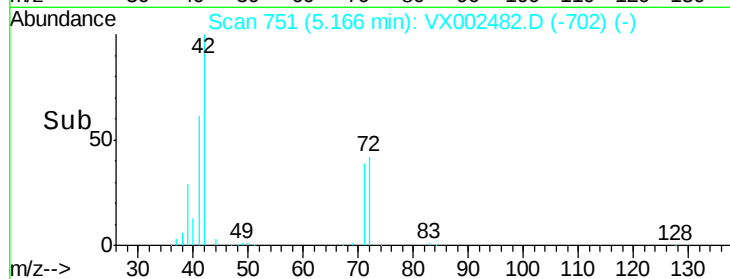
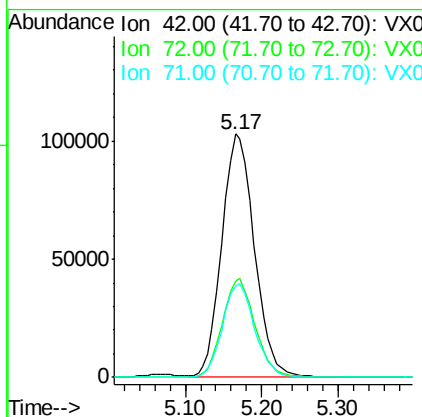
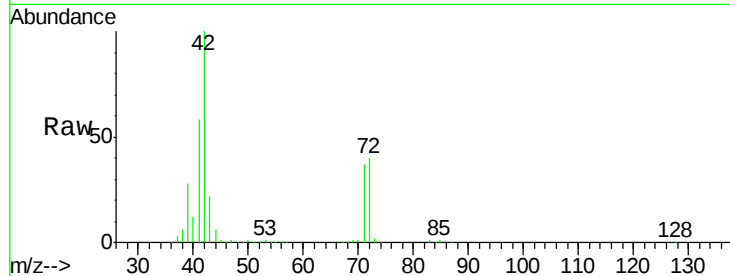




#29
Tetrahydrofuran
Concen: 234.78 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

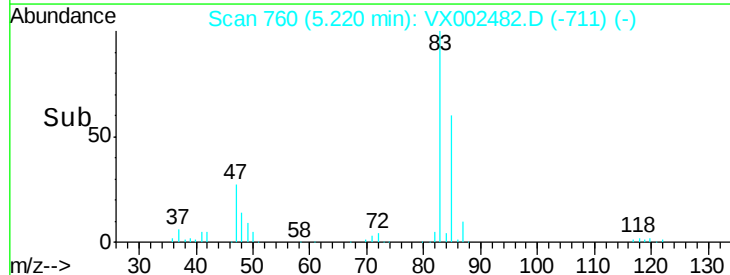
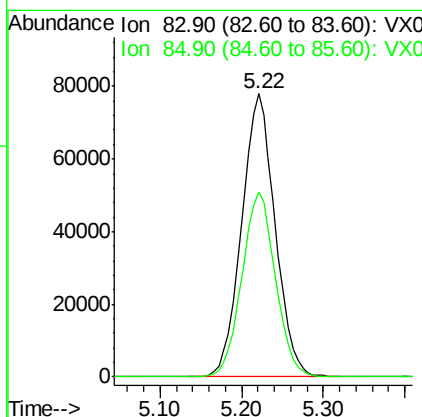
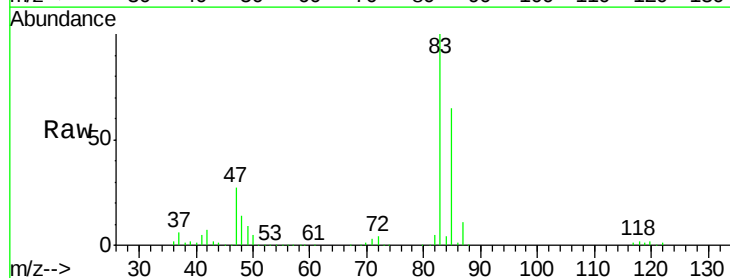
Instrument :
MSVOA_X
ClientSampled :

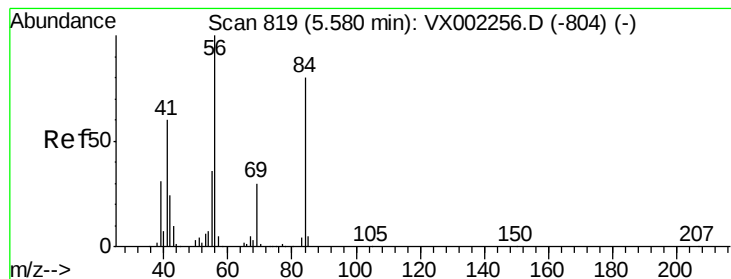
Tot Ion: 42 Resp: 303443
Ion Ratio Lower Upper
42 100
72 40.8 32.0 48.0
71 38.0 30.1 45.1



#30
Chloroform
Concen: 49.20 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 83 Resp: 221621
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6





#31

Cyclohexane

Concen: 48.58 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :

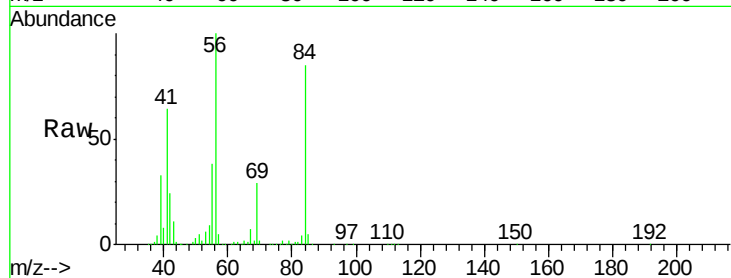
Tot Ion: 56 Resp: 179330

Ion Ratio Lower Upper

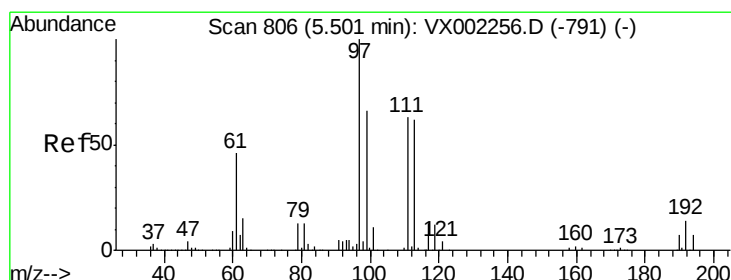
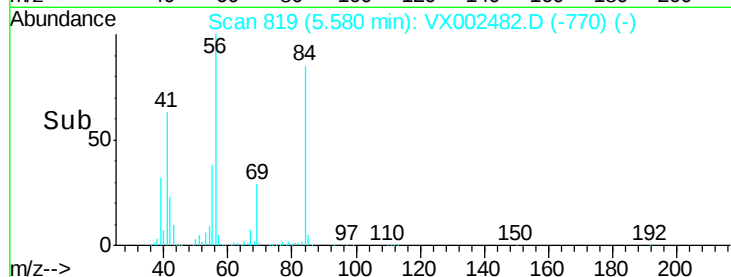
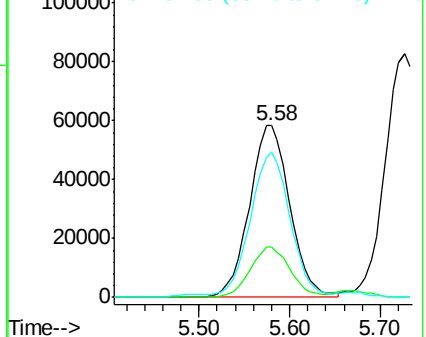
56 100

69 29.1 23.7 35.5

84 82.9 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: 50.02 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

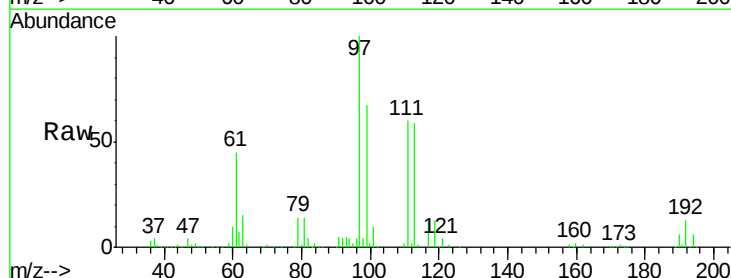
Tgt Ion: 97 Resp: 191096

Ion Ratio Lower Upper

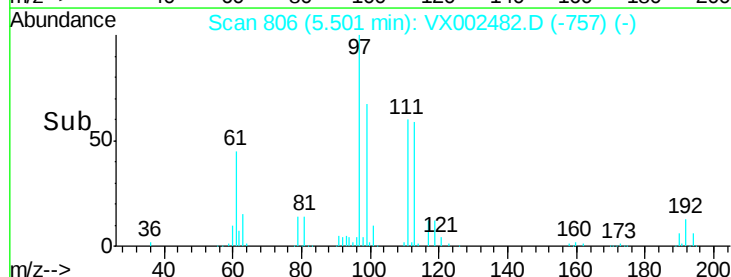
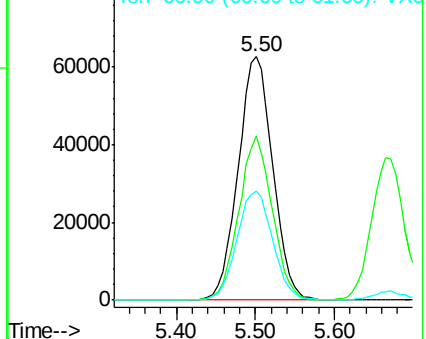
97 100

99 65.2 51.6 77.4

61 46.3 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: 48.89 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

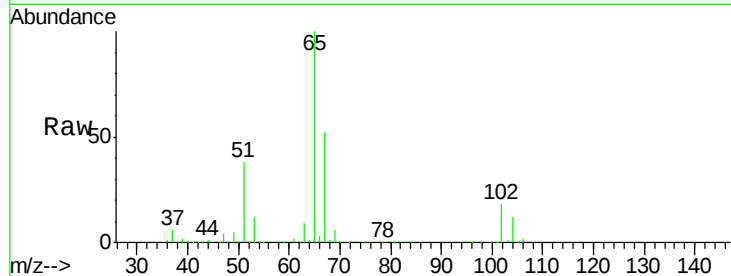
ClientSampleId :

Tot Ion: 65 Resp: 143162

Ion Ratio Lower Upper

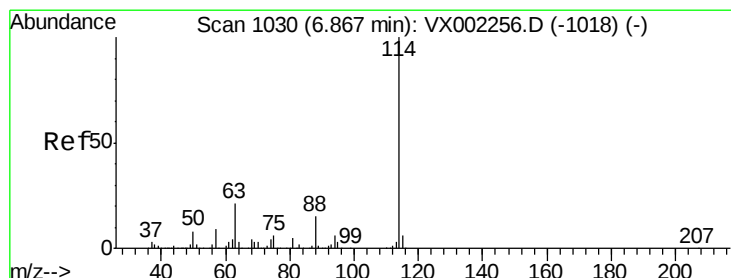
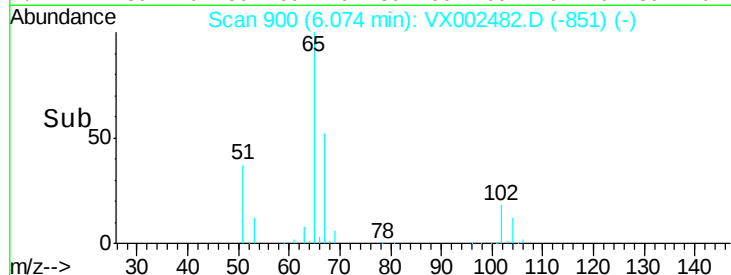
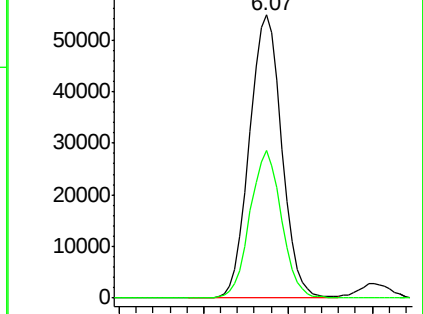
65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

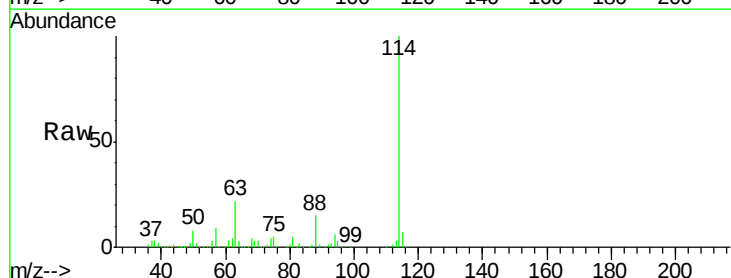
Tgt Ion: 114 Resp: 298126

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.4

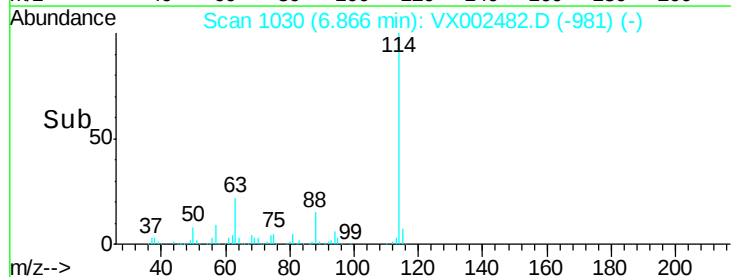
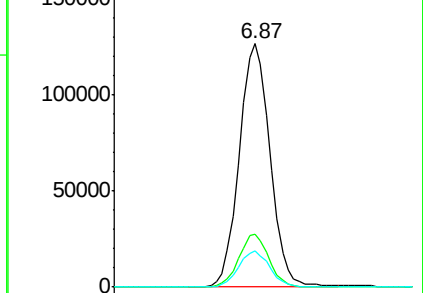
88 14.6 0.0 30.0

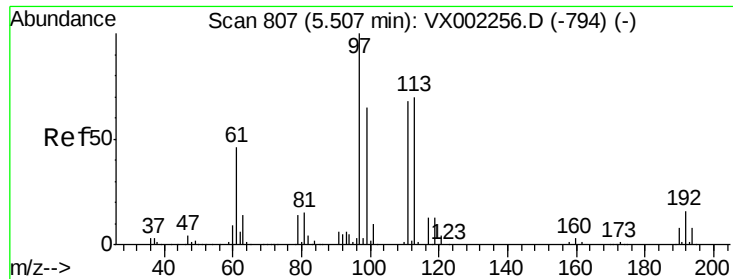


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

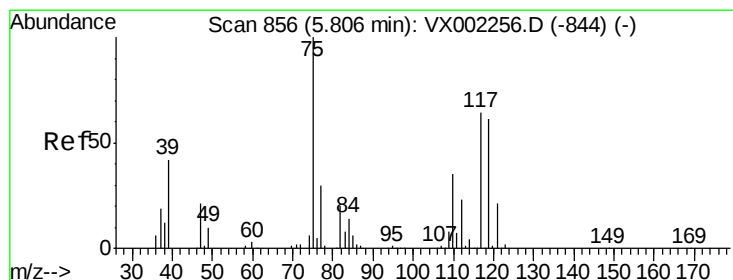
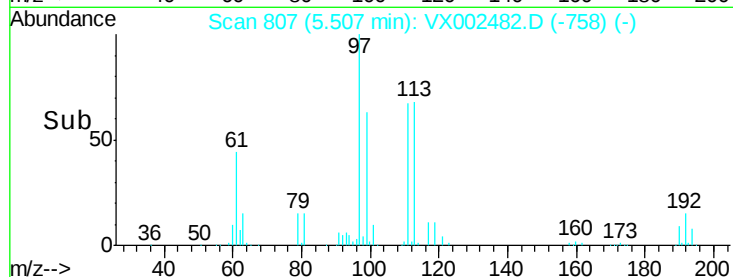
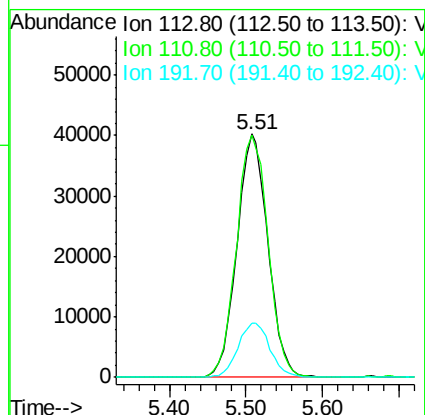
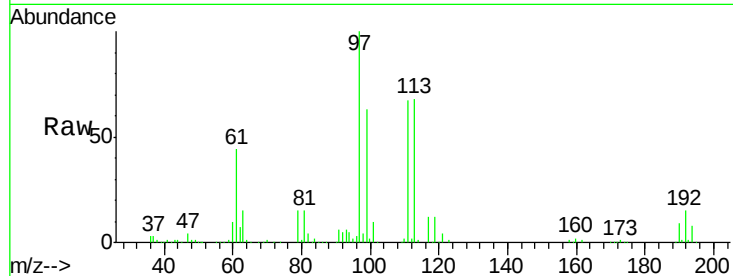




#35
 Dibromofluoromethane
 Concen: 48.12 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

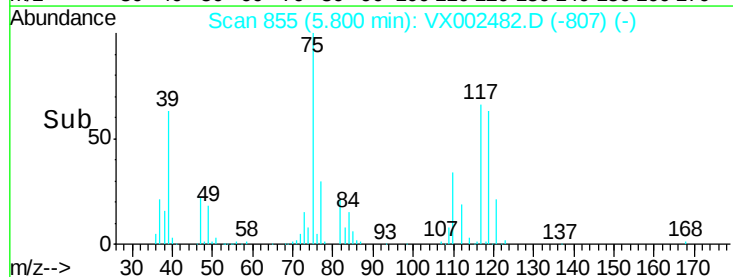
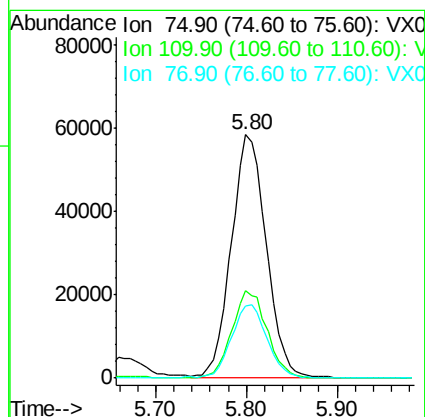
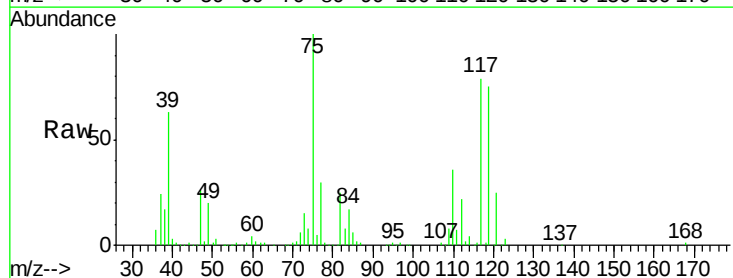
Instrument :
 MSVOA_X
 ClientSampled :

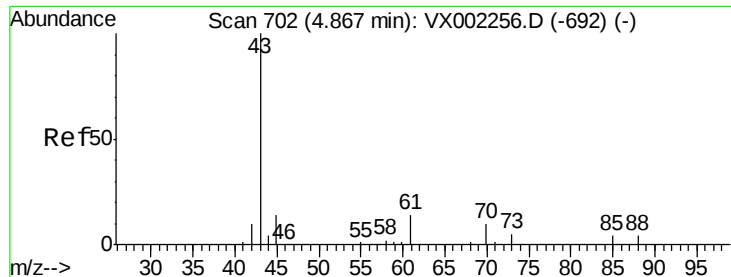
Tot Ion:113 Resp: 112814
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 23.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 49.65 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion: 75 Resp: 155617
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.1 54.4
 77 31.4 24.3 36.5

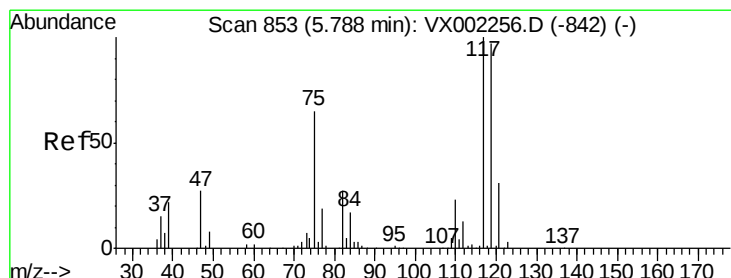
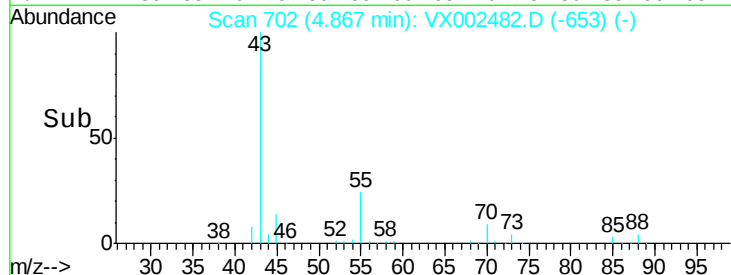
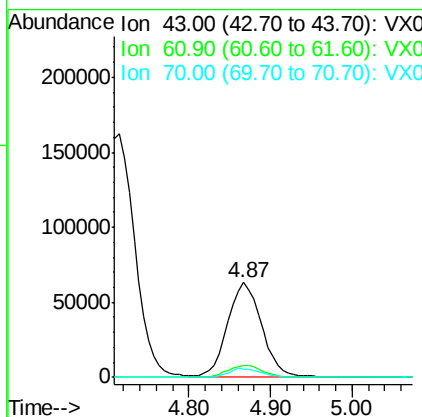
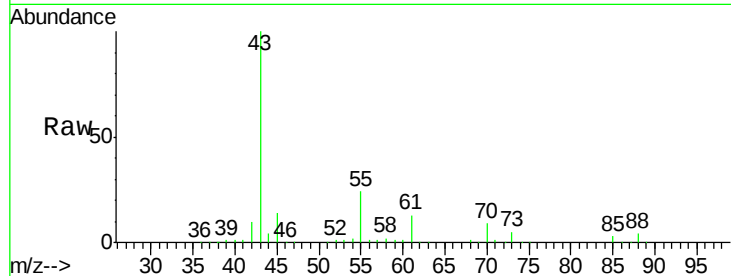




#37
Ethyl Acetate
Concen: 48.22 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

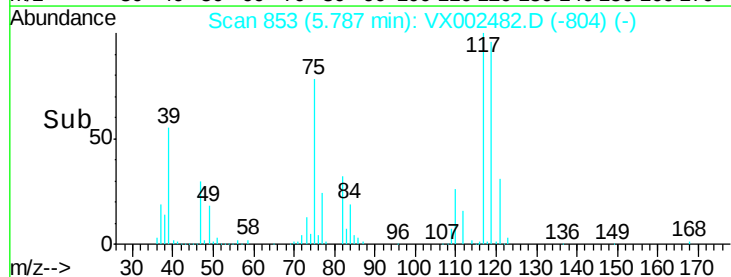
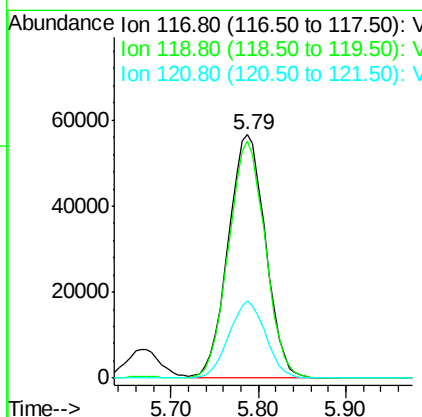
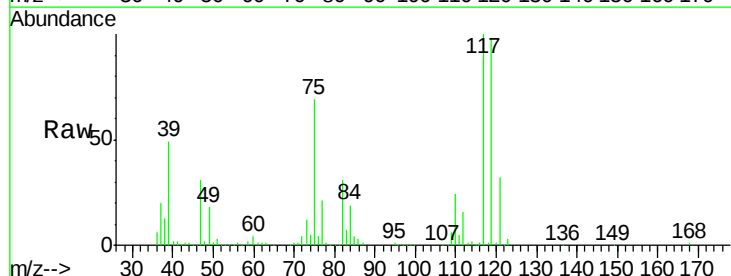
Instrument :
MSVOA_X
ClientSampled :

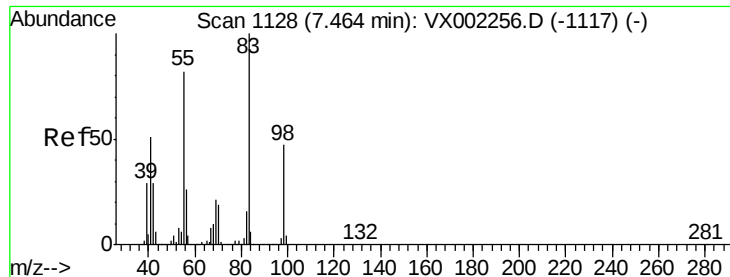
Tot Ion: 43 Resp: 181743
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 51.11 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 117 Resp: 167594
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0
121 31.7 24.4 36.6

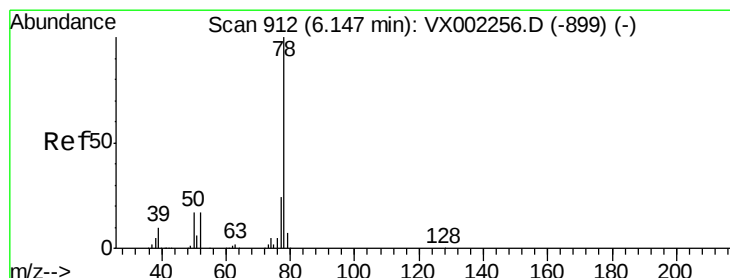
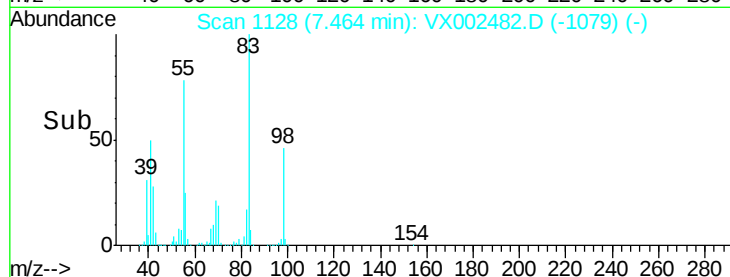
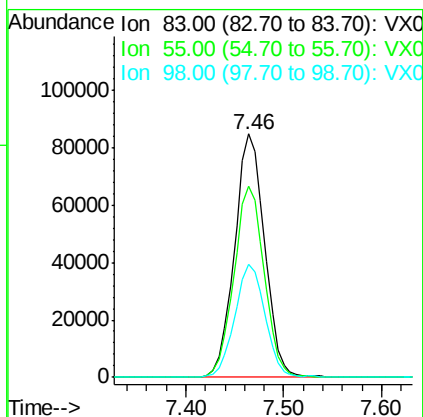
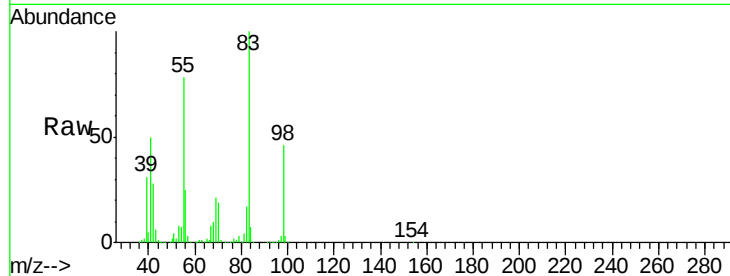




#39
Methvlcvclohexane
Concen: 46.89 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

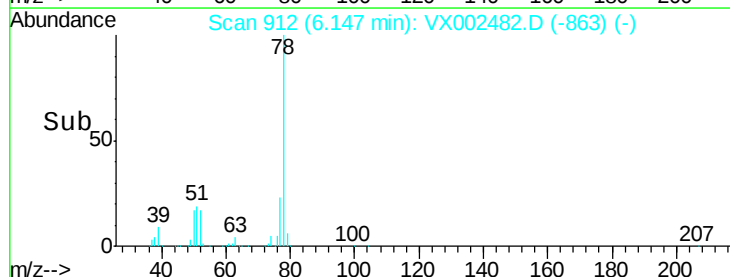
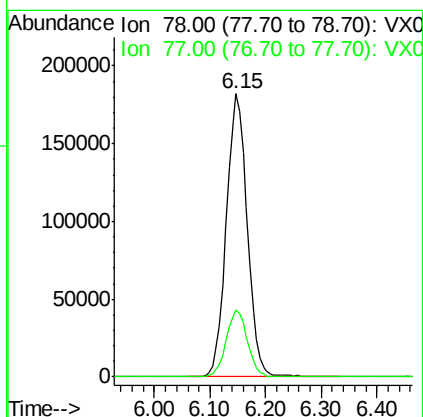
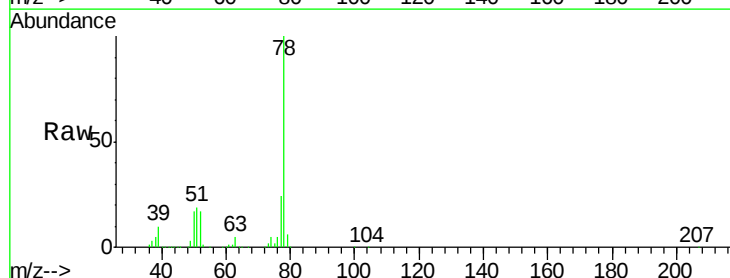
Instrument :
MSVOA_X
ClientSampled :

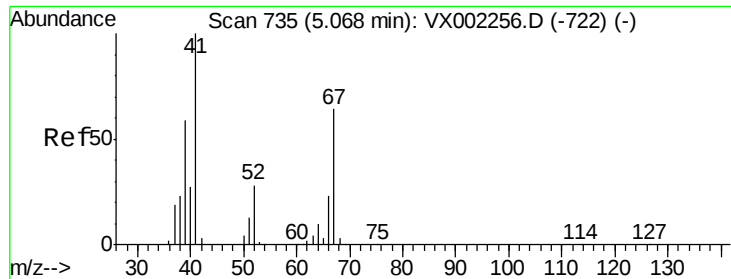
Tot Ion: 83 Resp: 181508
Ion Ratio Lower Upper
83 100
55 78.4 65.4 98.0
98 46.4 37.4 56.0



#40
Benzene
Concen: 49.31 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 78 Resp: 473879
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

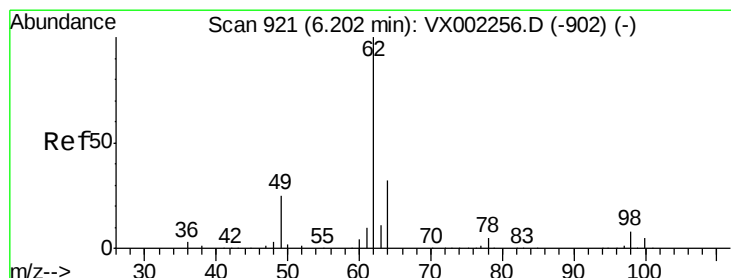
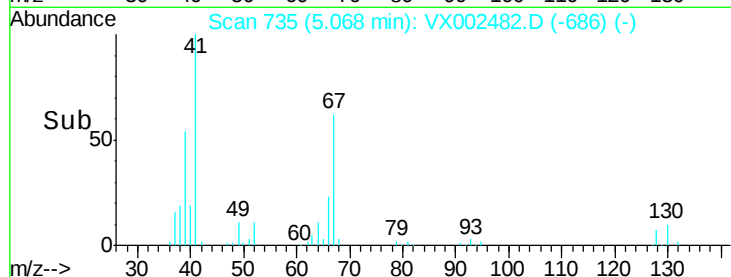
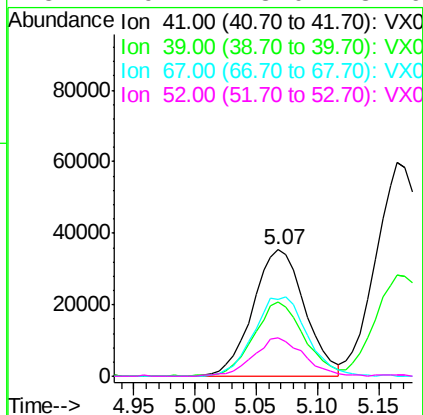
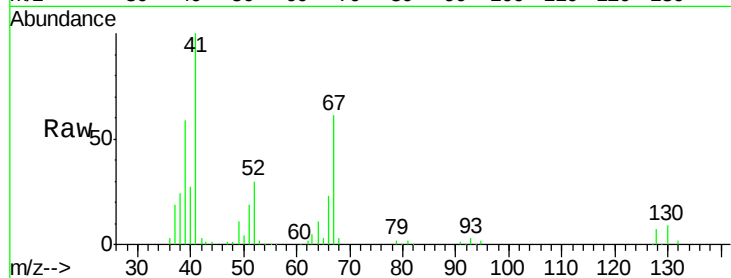




#41
Methacrylonitrile
Concen: 48.44 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

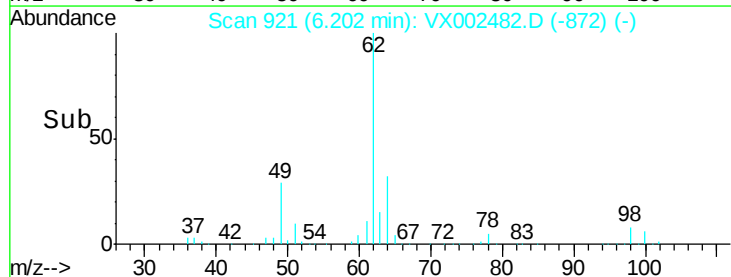
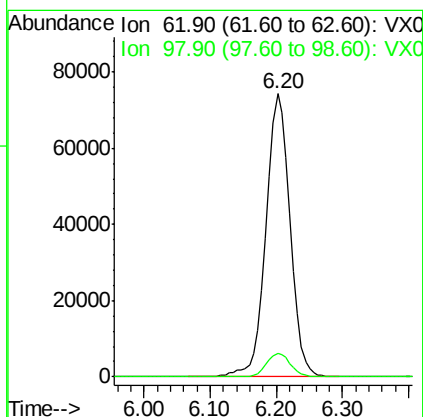
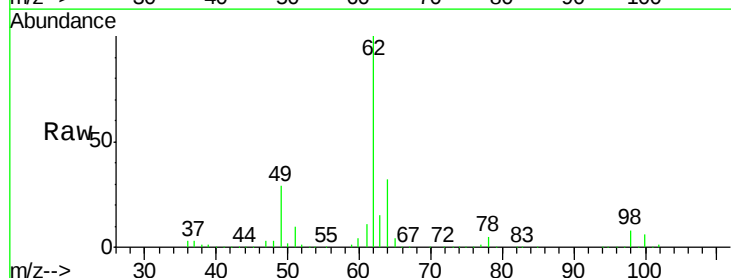
Instrument :
MSVOA_X
ClientSampled :

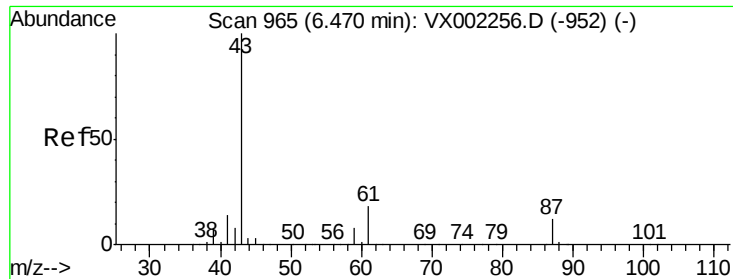
Tot Ion:	41	Resp:	104521
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	65.1	51.3	76.9
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 49.30 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion:	62	Resp:	188244
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



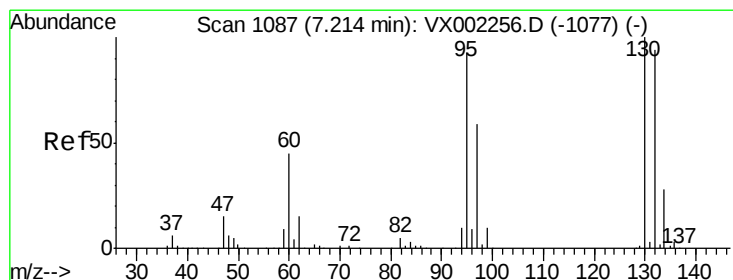
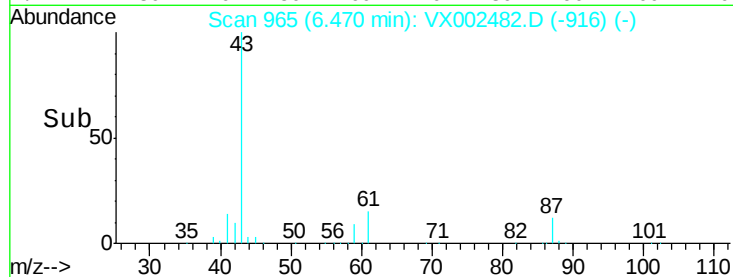
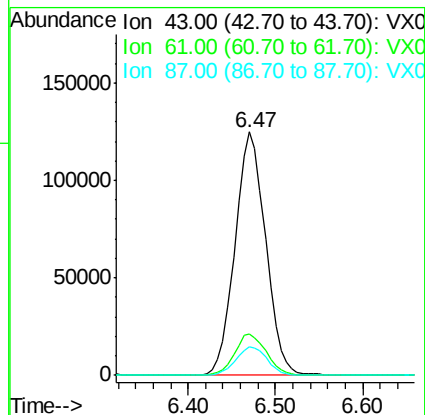
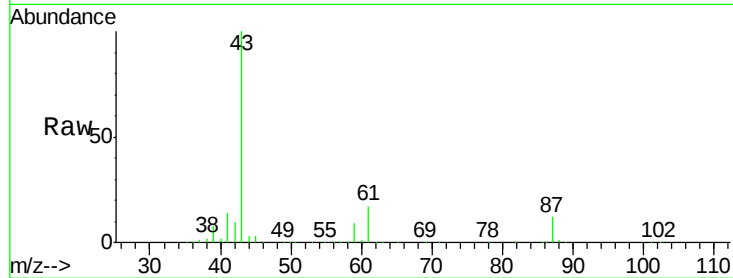


#43

Isopropyl Acetate
 Concen: 47.37 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :

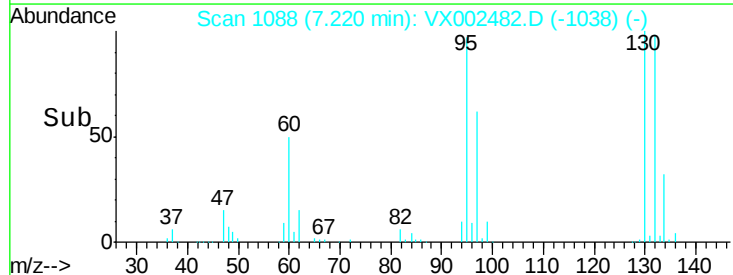
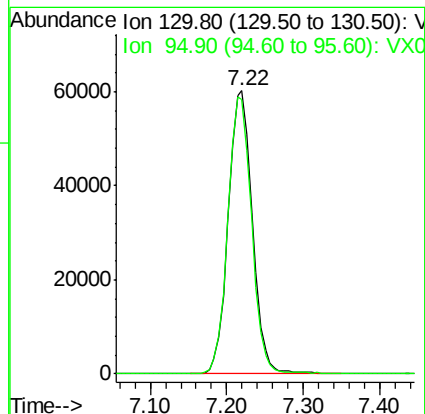
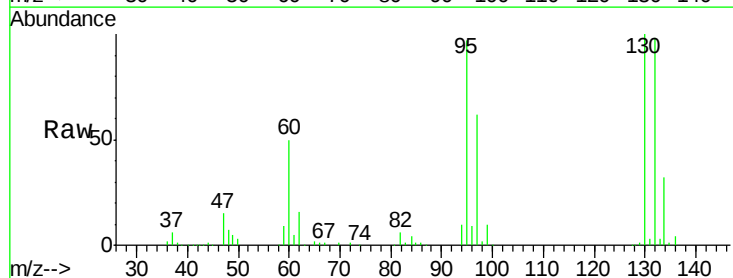
Tot Ion	43	Resp	303293
Ion Ratio	Lower	Upper	
43	100		
61	17.6	14.4	21.6
87	12.0	9.5	14.3

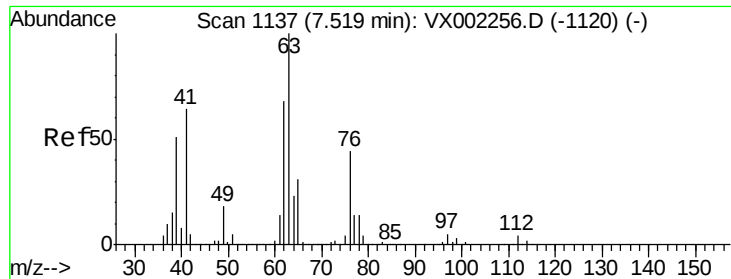


#44

Trichloroethene
 Concen: 49.24 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	130	Resp	131337
Ion Ratio	Lower	Upper	
130	100		
95	96.8	0.0	185.4

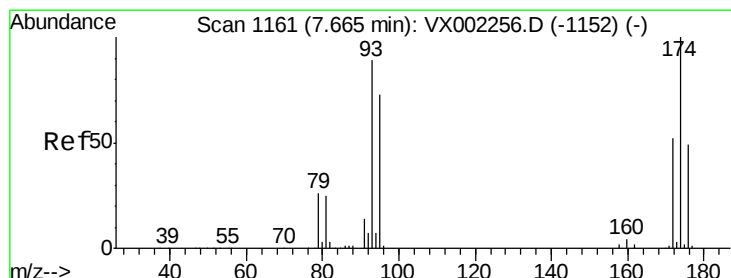
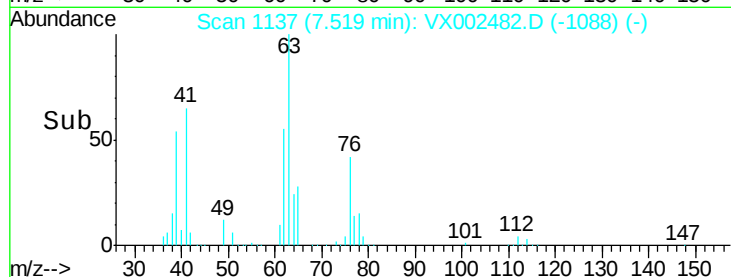
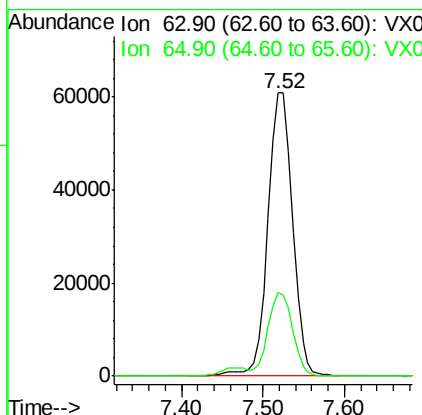
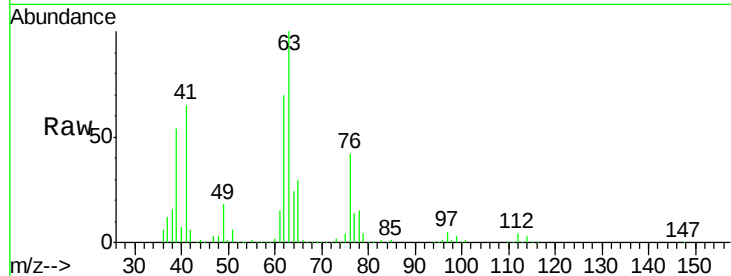




#45
 1,2-Dichloropropane
 Concen: 49.30 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

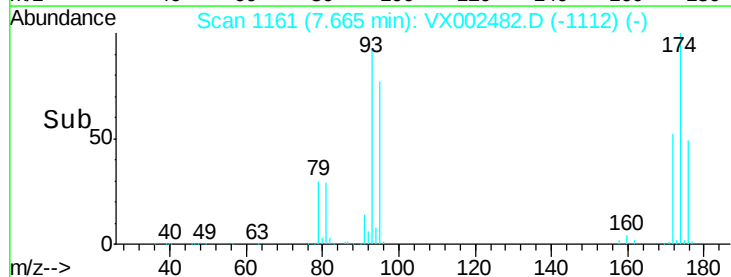
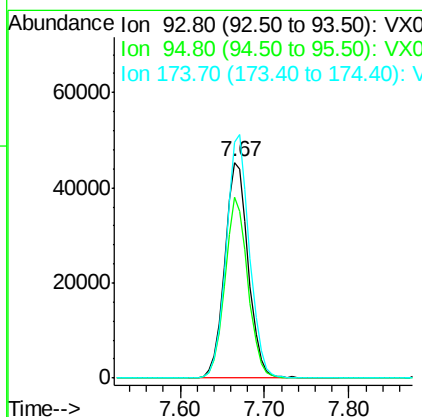
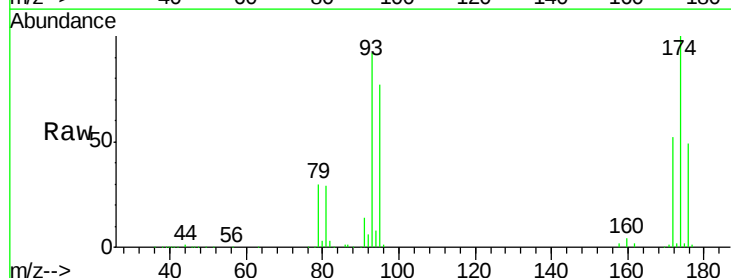
Instrument :
 MSVOA_X
 ClientSampleId :

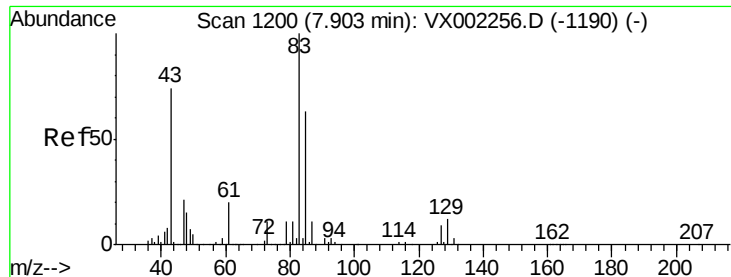
Tot Ion: 63 Resp: 127907
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1



#46
 Dibromomethane
 Concen: 49.37 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion: 93 Resp: 86831
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.9 98.9
 174 110.8 92.4 138.6





#47

Bromodichloromethane

Concen: 50.38 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :

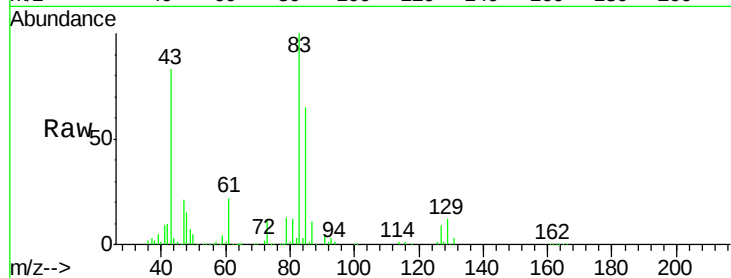
Tot Ion: 83 Resp: 160254

Ion Ratio Lower Upper

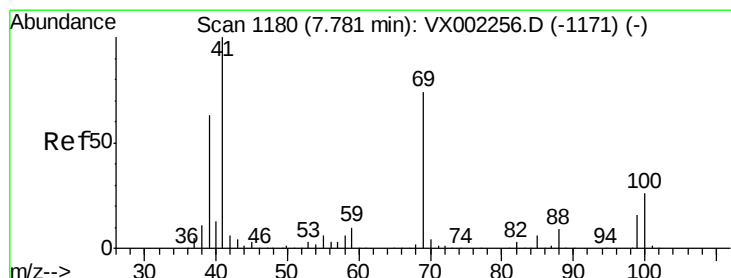
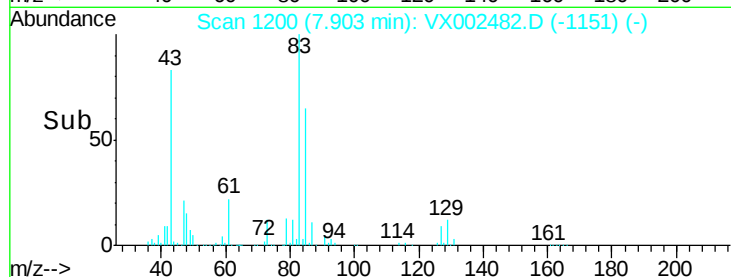
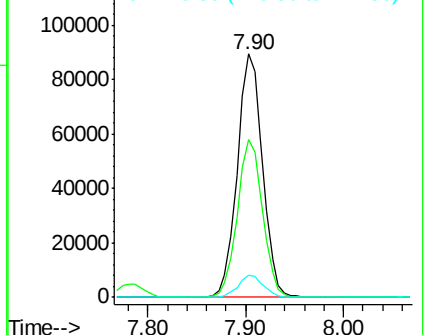
83 100

85 64.6 50.3 75.5

127 8.9 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: 48.76 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

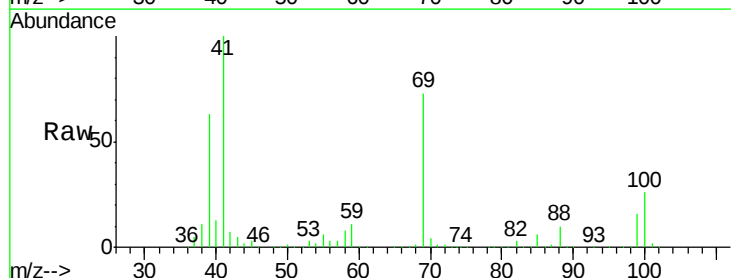
Tgt Ion: 41 Resp: 156815

Ion Ratio Lower Upper

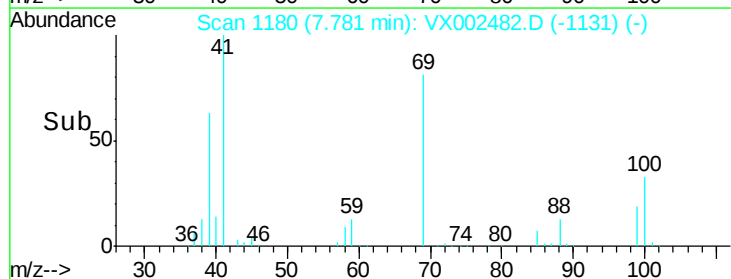
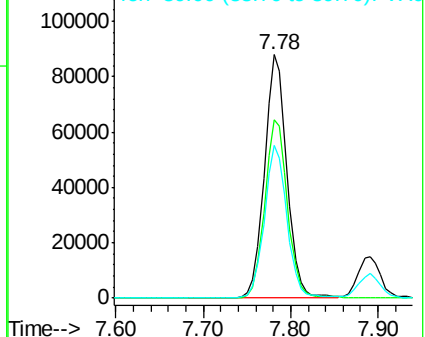
41 100

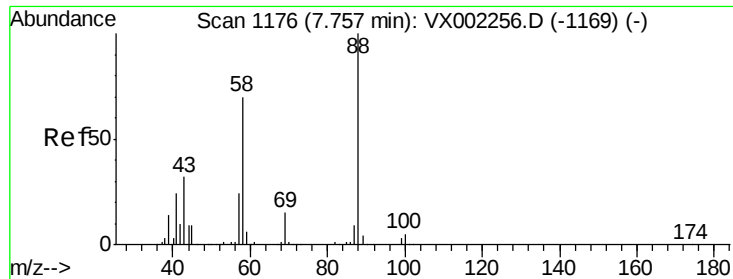
69 74.8 59.1 88.7

39 62.8 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

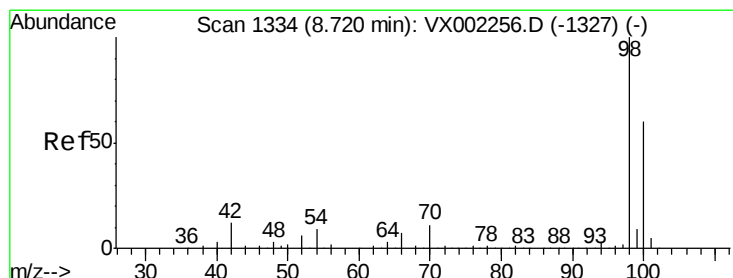
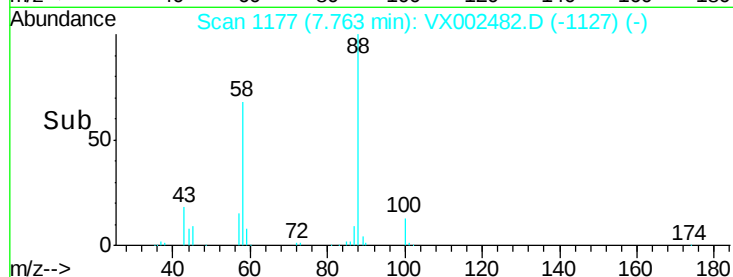
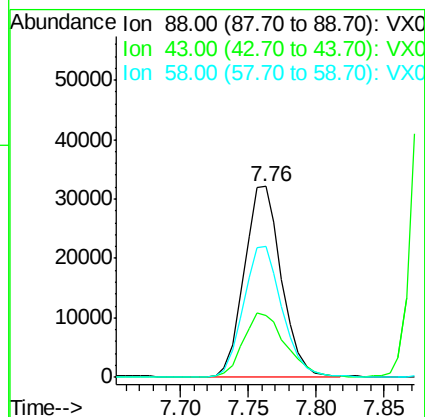
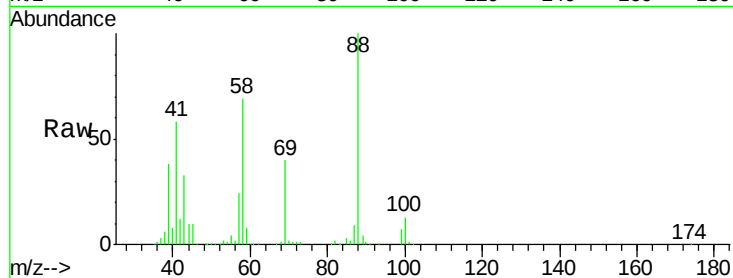




#49
1,4-Dioxane
Concen: 1024.78 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

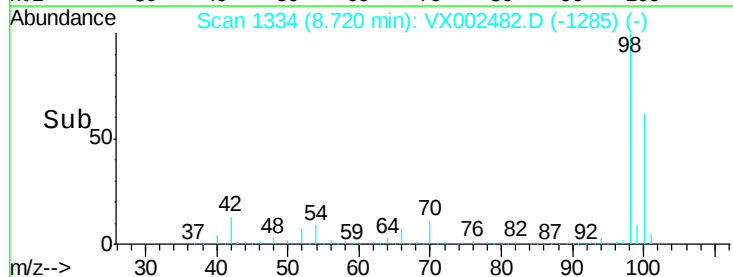
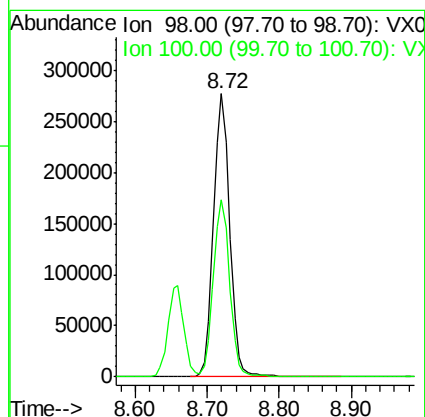
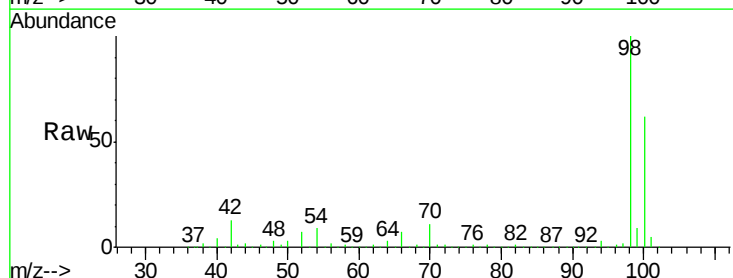
Instrument :
MSVOA_X
ClientSampled :

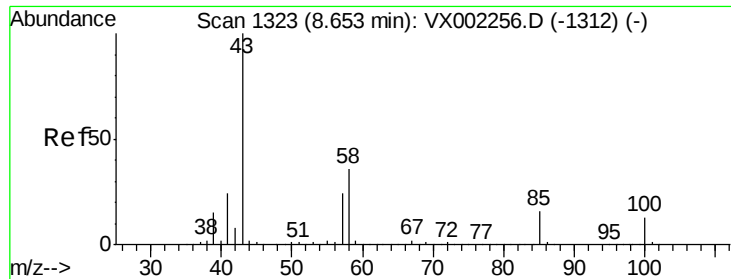
Tot Ion: 88 Resp: 61617
Ion Ratio Lower Upper
88 100
43 37.7 29.8 44.6
58 71.7 57.1 85.7



#50
Toluene-d8
Concen: 47.93 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 98 Resp: 430707
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 256.47 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

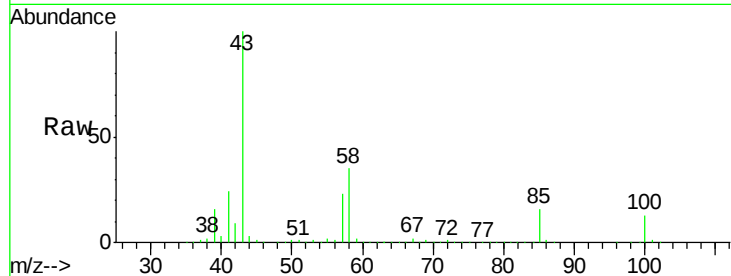
ClientSampled :

Tot Ion: 43 Resp: 1022479

Ion Ratio Lower Upper

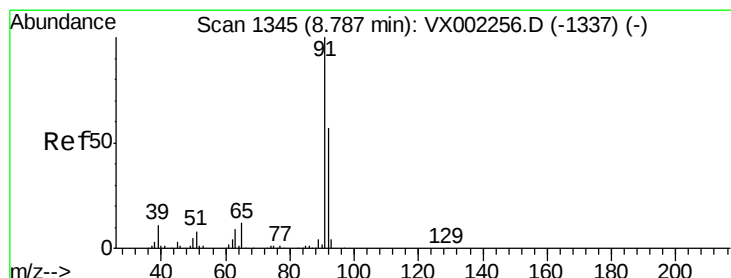
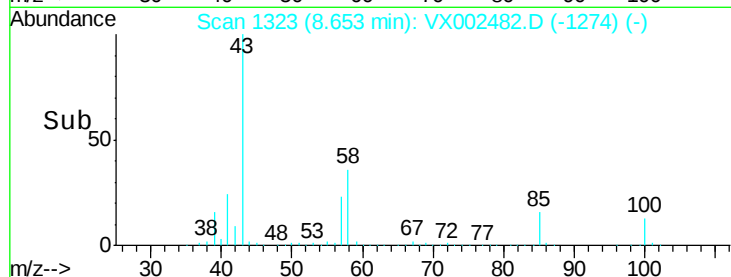
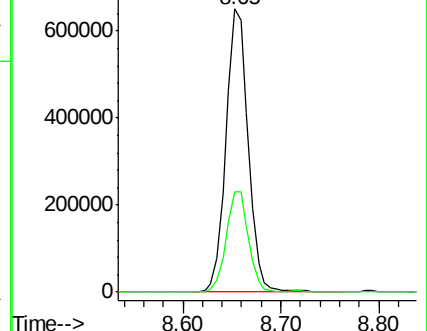
43 100

58 35.6 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: 50.70 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002482.D

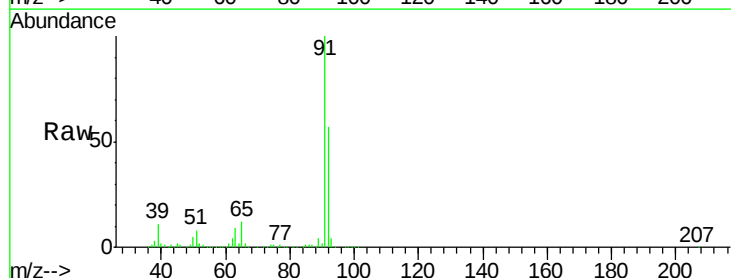
Acq: 12 Jun 2018 22:38

Tgt Ion: 92 Resp: 309866

Ion Ratio Lower Upper

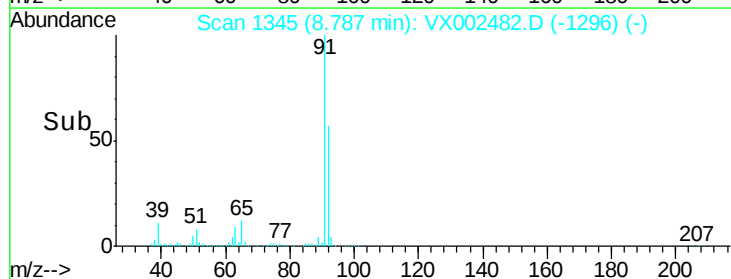
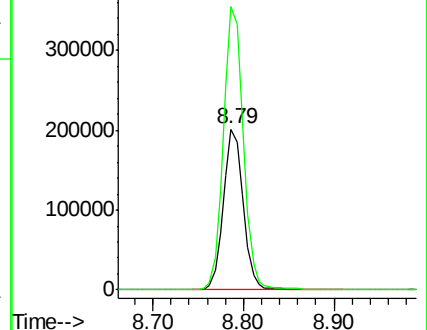
92 100

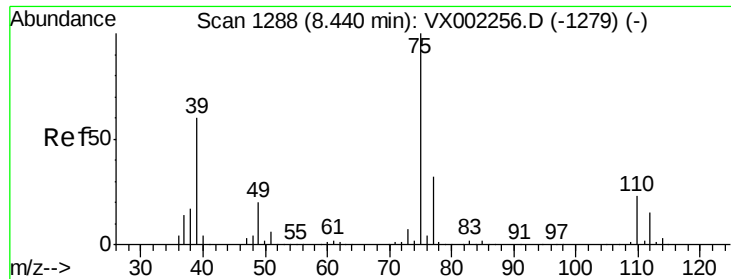
91 176.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

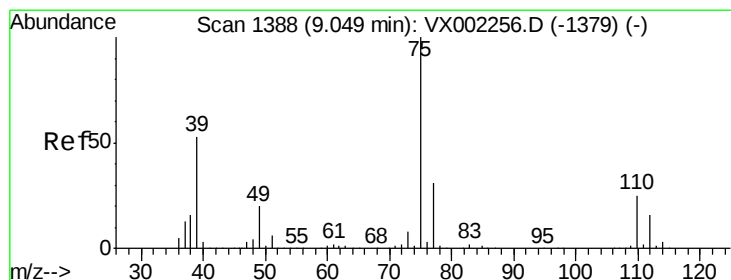
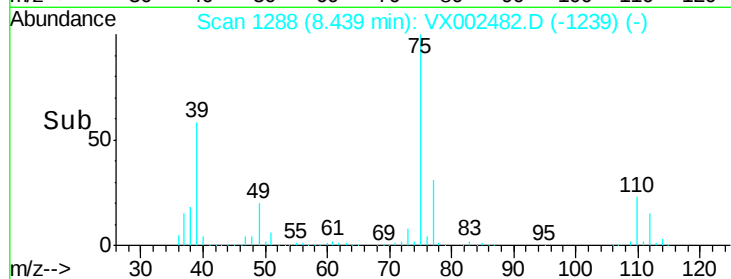
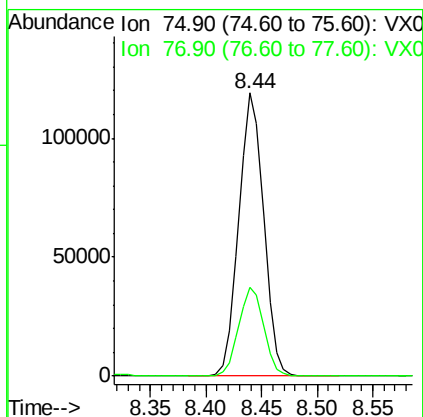
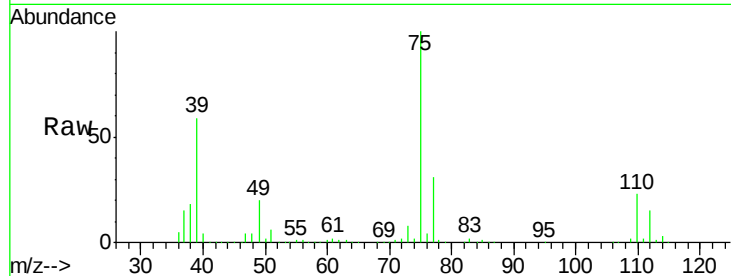




#53
t-1,3-Dichloropropene
Concen: 48.44 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

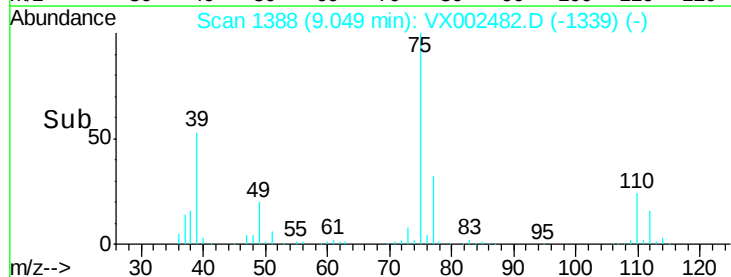
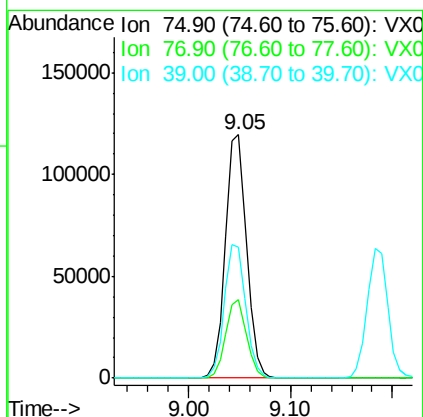
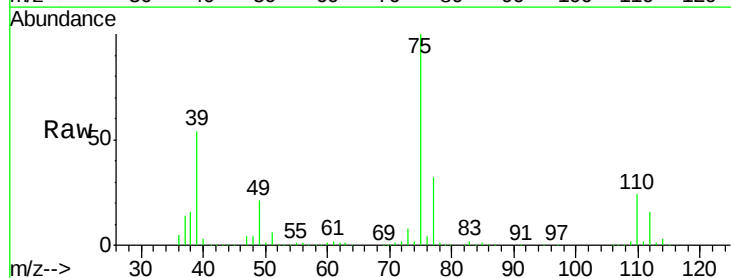
Instrument :
MSVOA_X
ClientSampled :

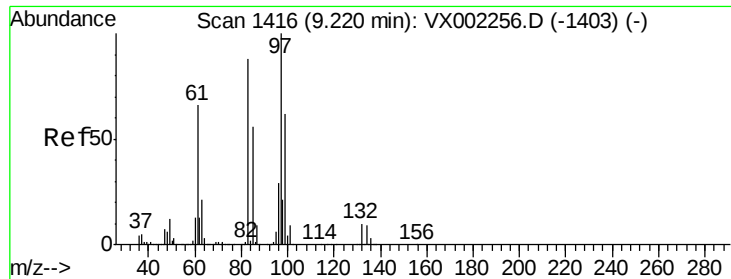
Tot Ion: 75 Resp: 184774
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 47.78 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 75 Resp: 171954
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 53.6 42.4 63.6

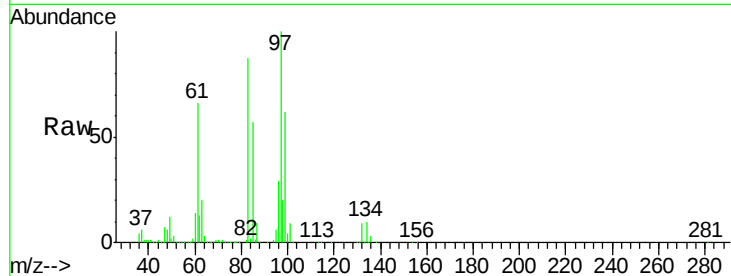




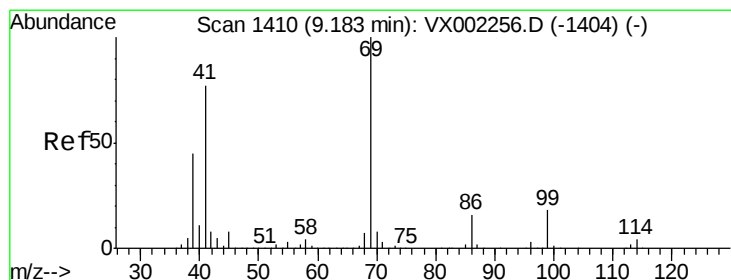
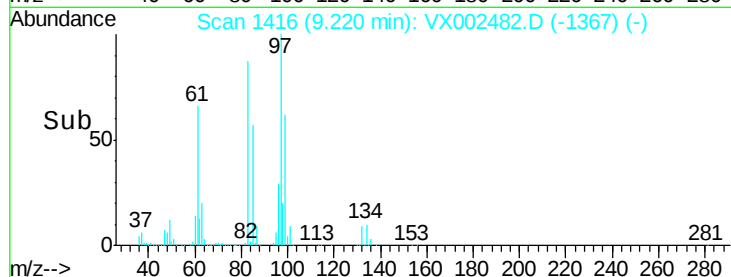
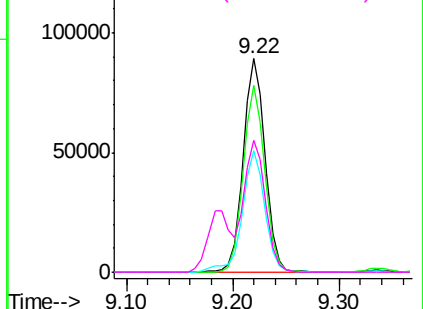
#55
 1,1,2-Trichloroethane
 Concen: 51.51 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	129490
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.2	105.2
85	56.6	44.9	67.3
99	61.9	49.8	74.8

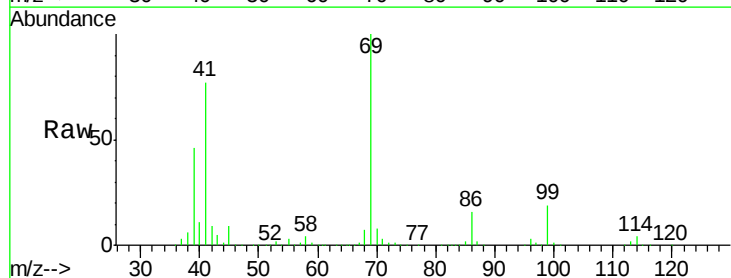


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

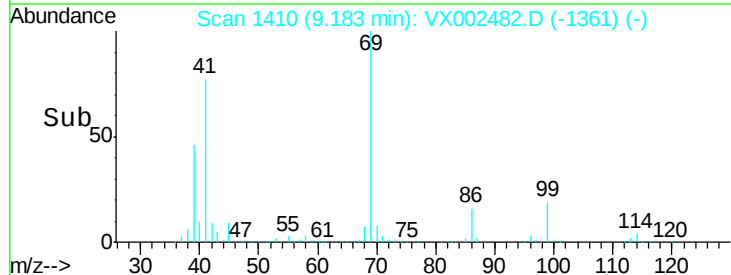
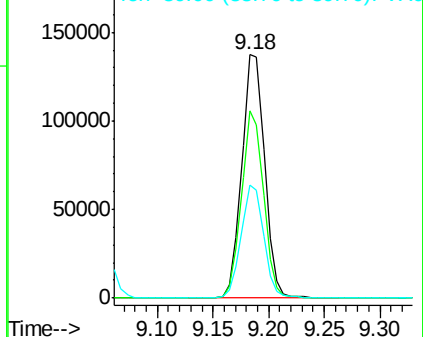


#56
 Ethyl methacrylate
 Concen: 48.84 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion:	69	Resp:	196011
Ion	Ratio	Lower	Upper
69	100		
41	74.1	60.3	90.5
39	46.0	35.8	53.8



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





#57

1,3-Dichloropropane

Concen: 50.17 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

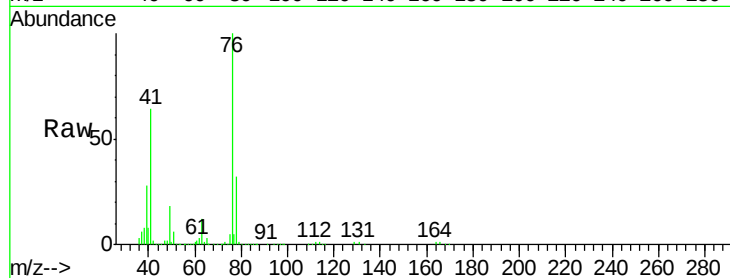
ClientSampleId :

Tot Ion: 76 Resp: 211600

Ion Ratio Lower Upper

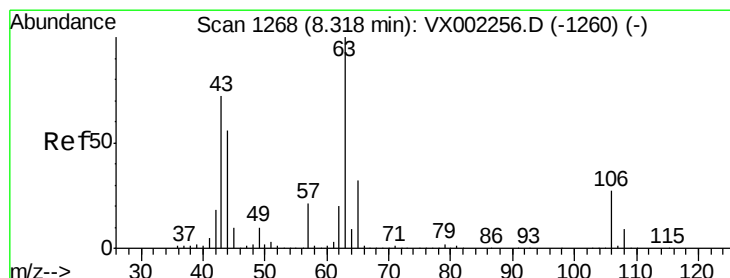
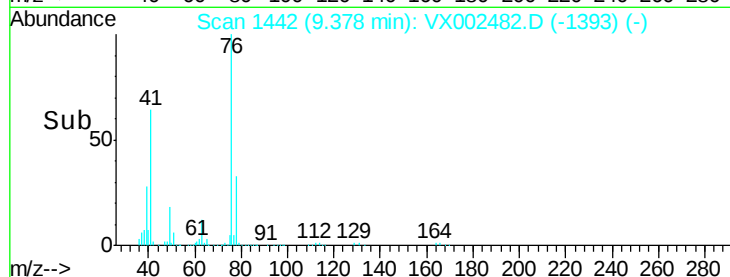
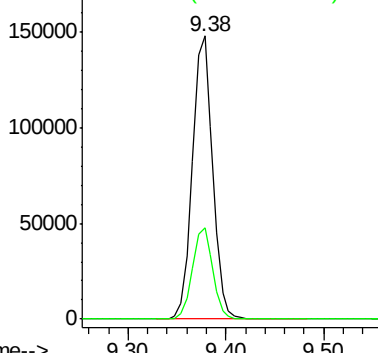
76 100

78 32.6 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: 253.48 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002482.D

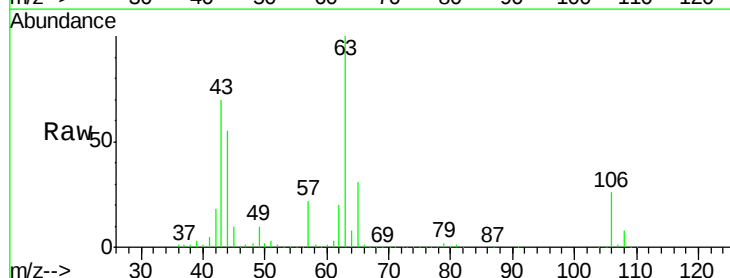
Acq: 12 Jun 2018 22:38

Tgt Ion: 63 Resp: 470851

Ion Ratio Lower Upper

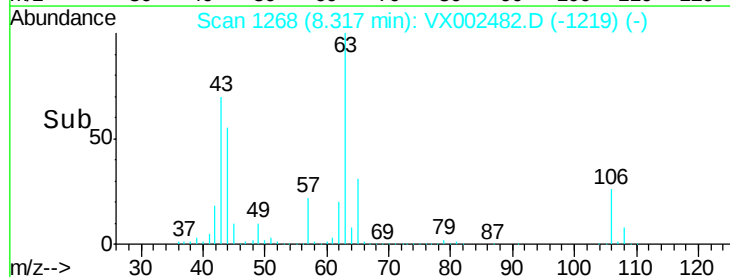
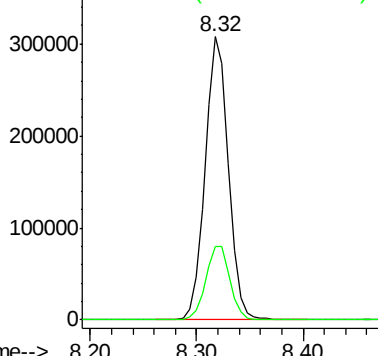
63 100

106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

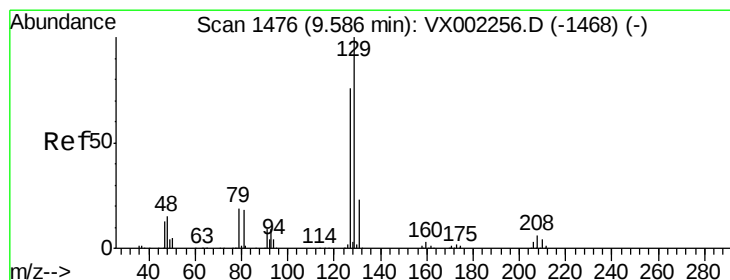
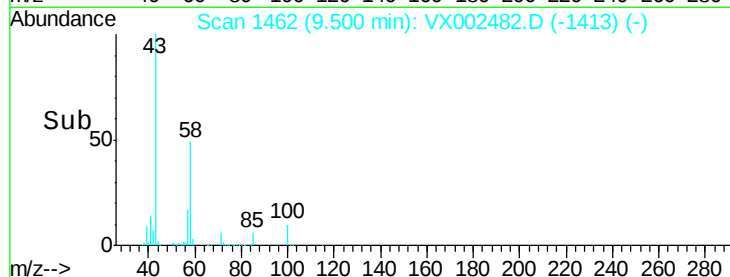
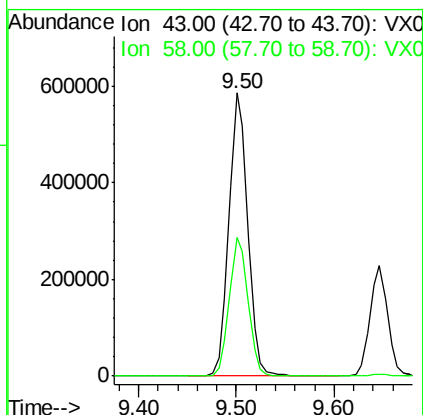
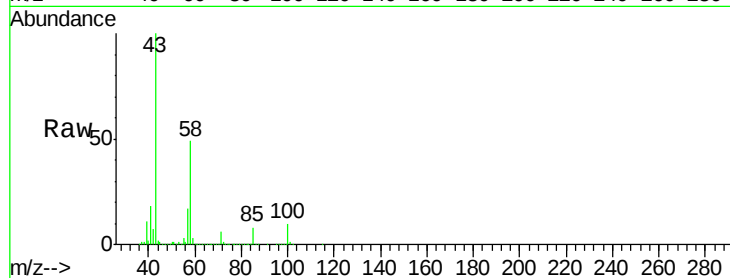




#59
2-Hexanone
Concen: 253.46 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

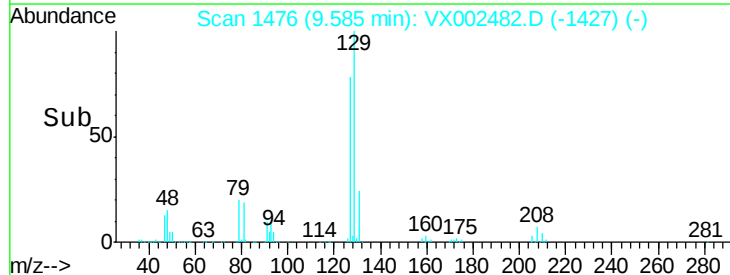
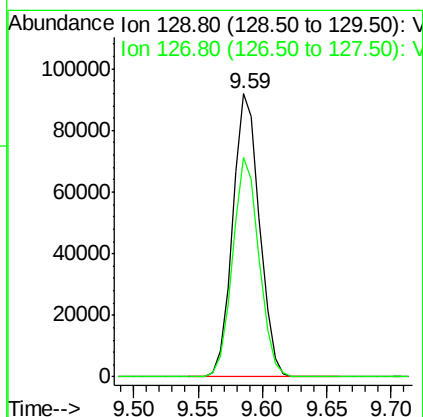
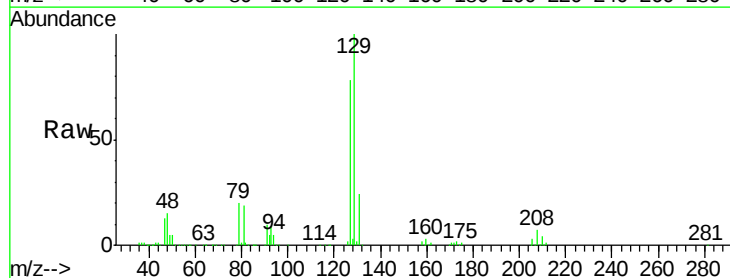
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 780499
Ion Ratio Lower Upper
43 100
58 49.4 24.6 73.6



#60
Dibromochloromethane
Concen: 52.52 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 129 Resp: 132788
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.89 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

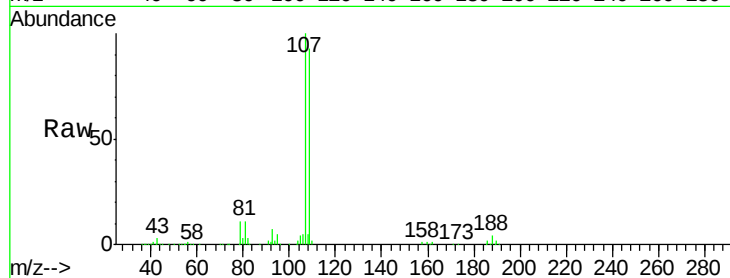
ClientSampleId :

Tot Ion:107 Resp: 136017

Ion Ratio Lower Upper

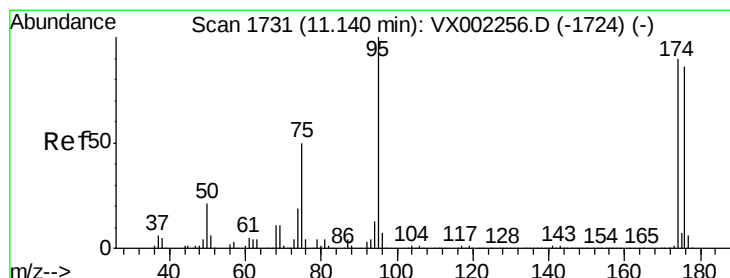
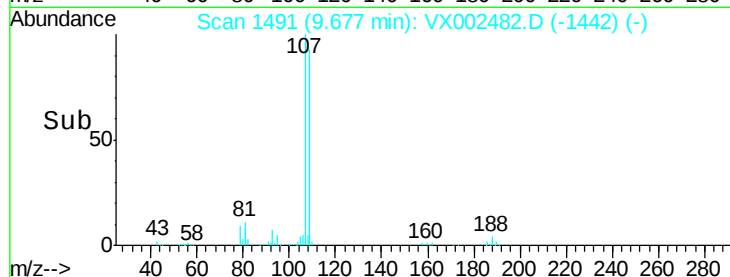
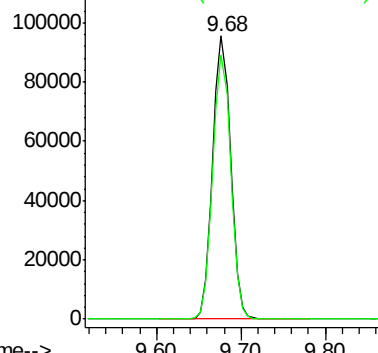
107 100

109 93.8 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: 47.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

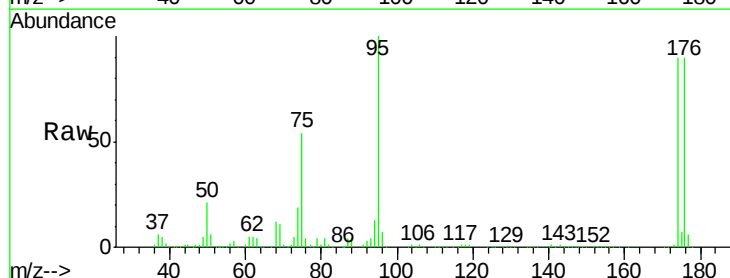
Tgt Ion: 95 Resp: 164886

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

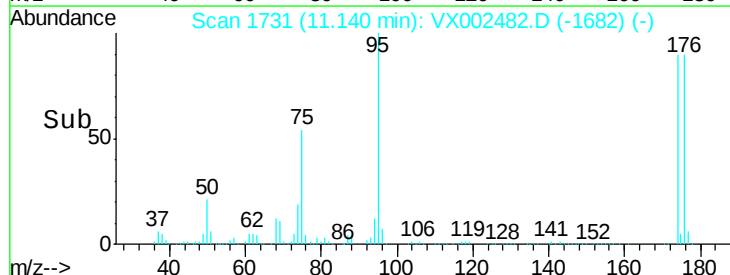
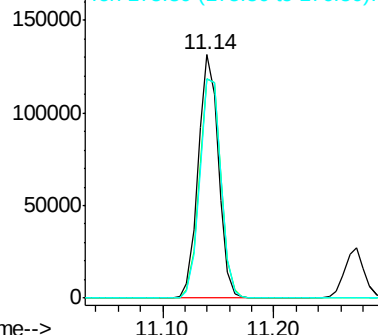
176 94.4 0.0 181.0



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: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampled :

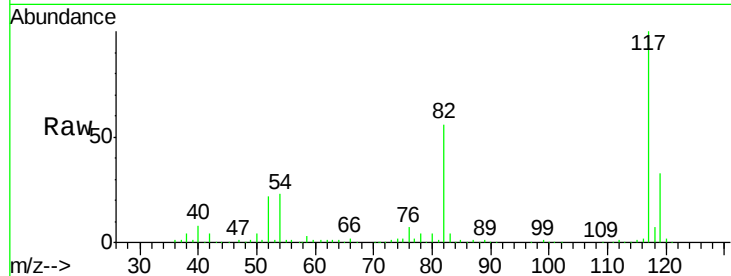
Tot Ion:117 Resp: 296884

Ion Ratio Lower Upper

117 100

82 56.2 45.0 67.4

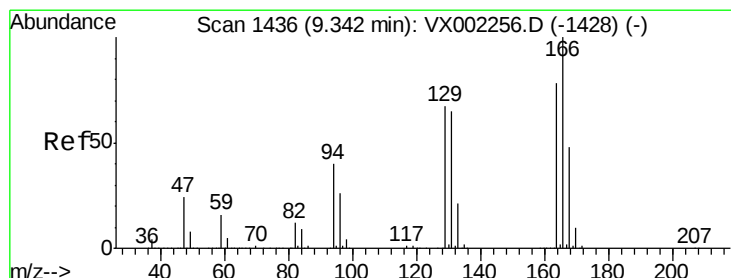
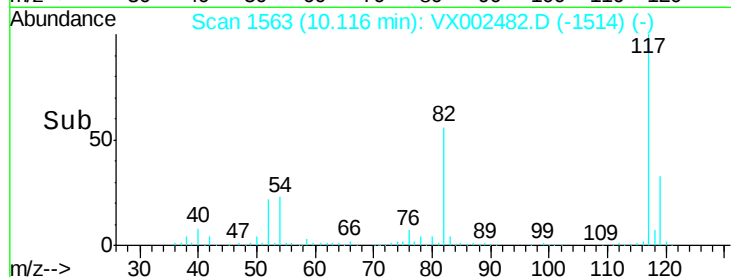
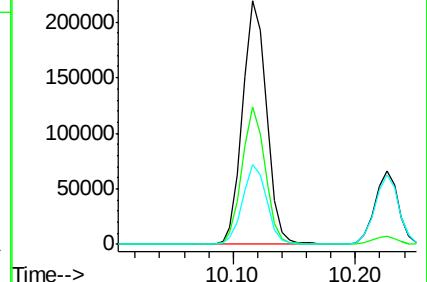
119 33.0 25.8 38.6



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: 48.36 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion:164 Resp: 148064

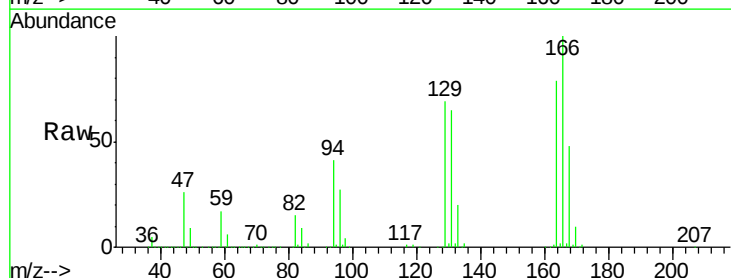
Ion Ratio Lower Upper

164 100

166 127.0 102.9 154.3

129 87.3 68.6 102.8

131 83.0 66.8 100.2

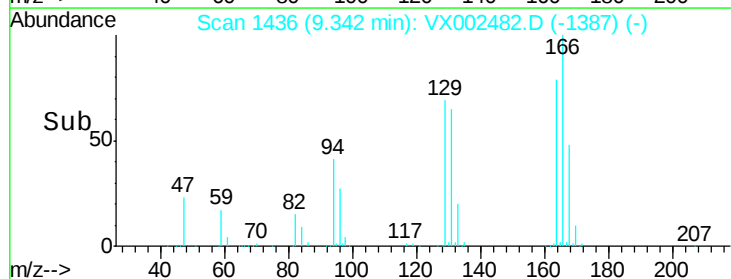
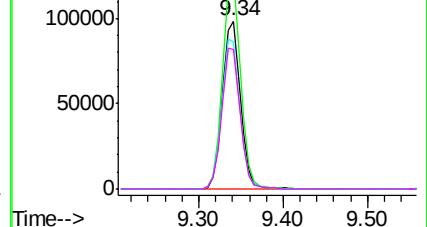


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.82 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

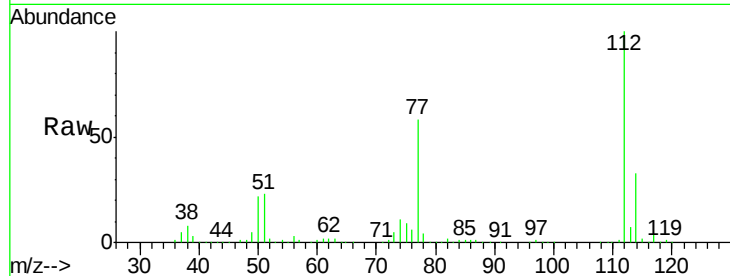
ClientSampled :

Tot Ion:112 Resp: 360640

Ion Ratio Lower Upper

112 100

114 32.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

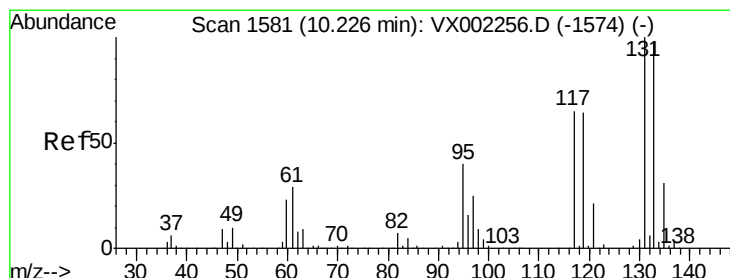
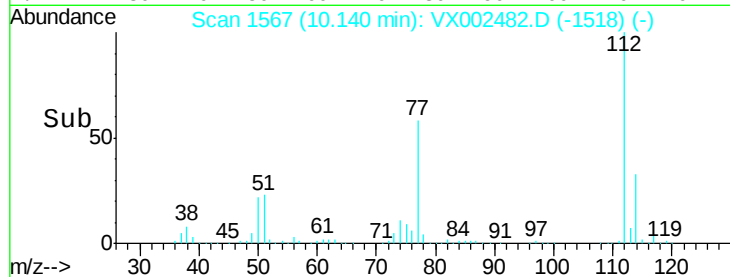
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 49.75 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

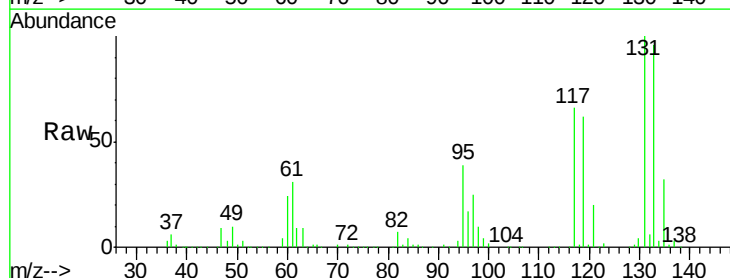
Tgt Ion:131 Resp: 133080

Ion Ratio Lower Upper

131 100

133 95.4 47.9 143.6

119 63.2 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

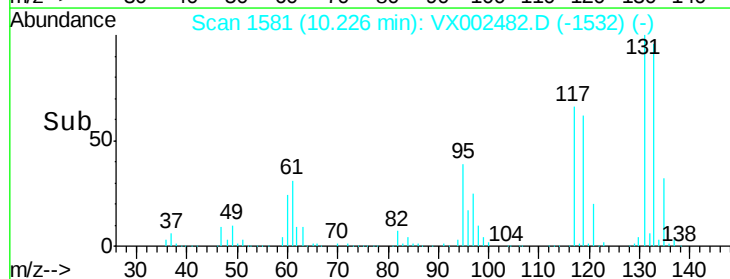
10.23

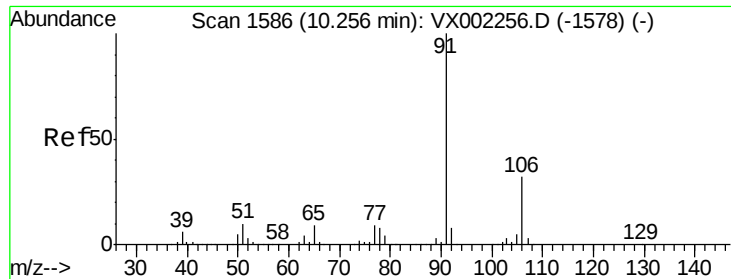
100000

50000

0

Time--> 10.20 10.30

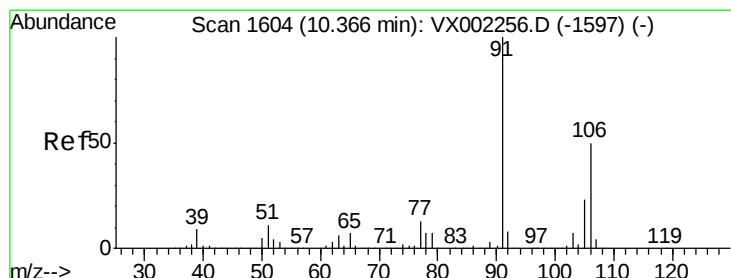
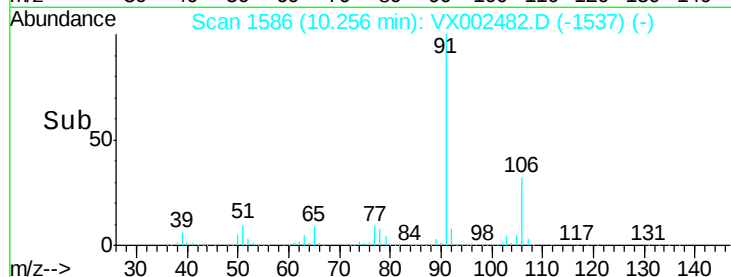
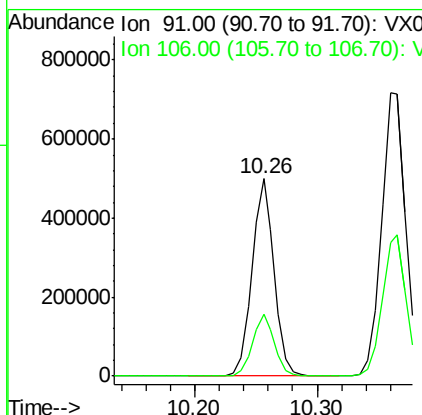
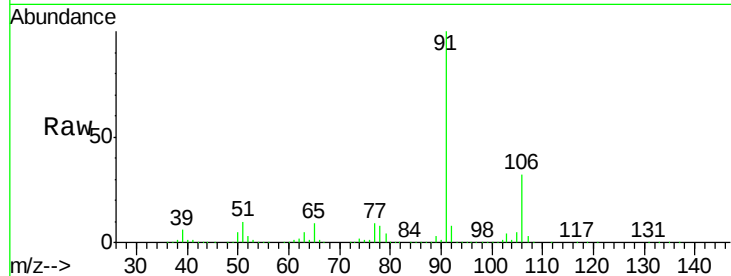




#67
Ethyl Benzene
Concen: 50.67 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

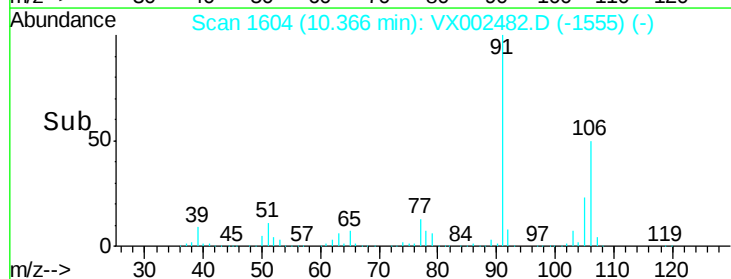
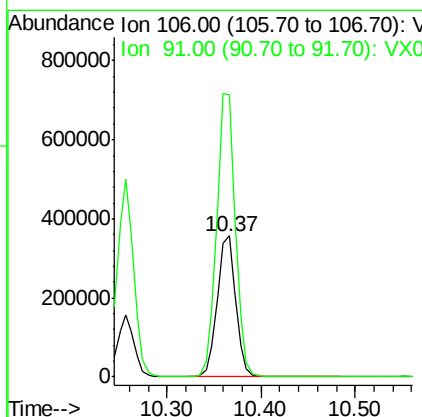
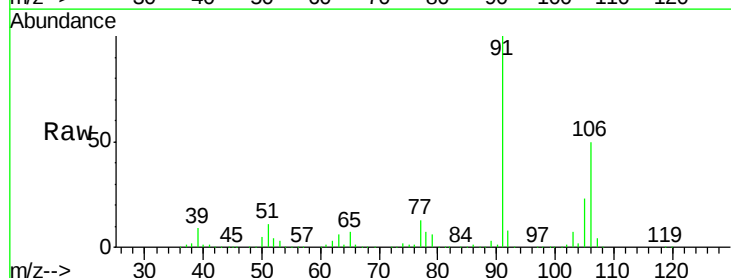
Instrument :
MSVOA_X
ClientSampled :

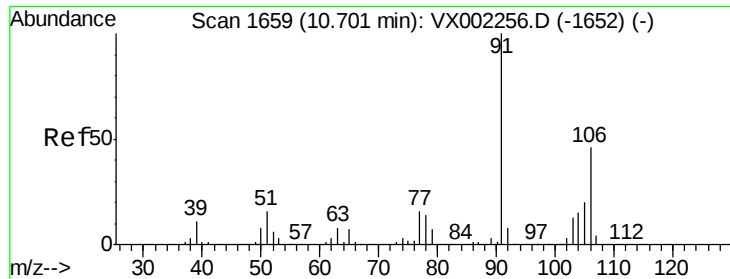
Tot Ion: 91 Resp: 626436
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 100.78 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion: 106 Resp: 484299
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2

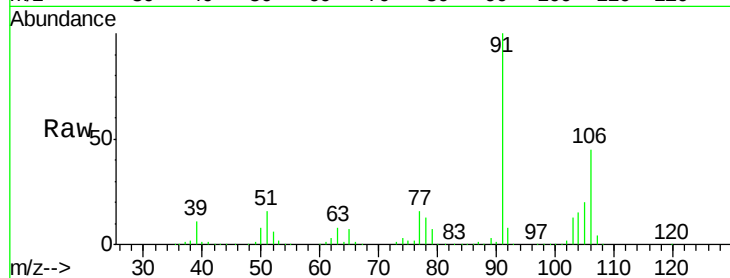




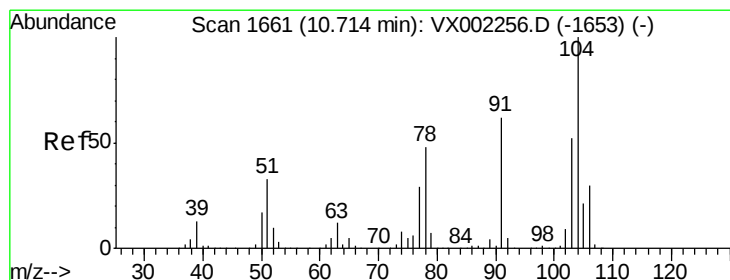
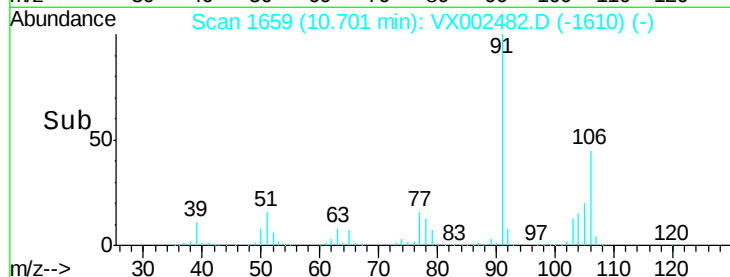
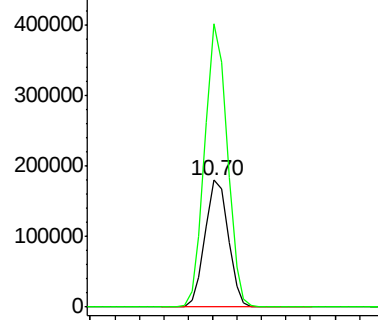
#69
o-Xylene
Concen: 49.50 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 236742
Ion Ratio Lower Upper
106 100
91 215.7 108.2 324.6

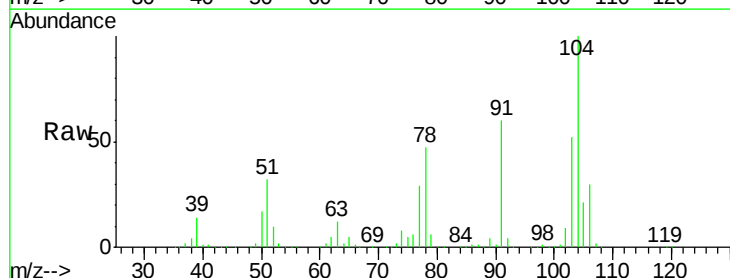


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

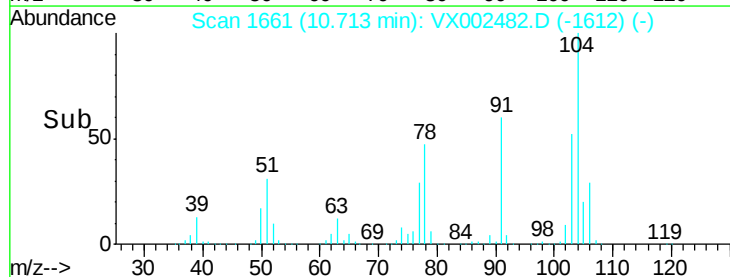
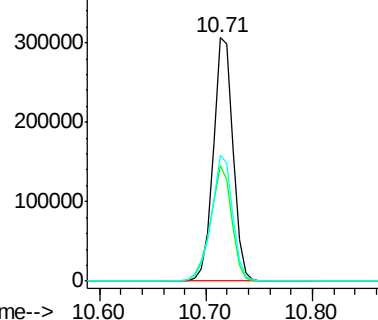


#70
Styrene
Concen: 51.19 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion:104 Resp: 400232
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.5 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: 42.89 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

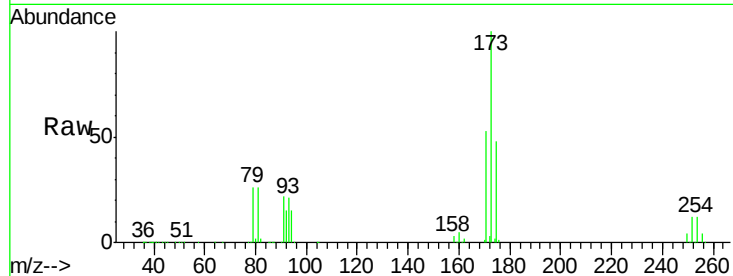
Tot Ion:173 Resp: 101476

Ion Ratio Lower Upper

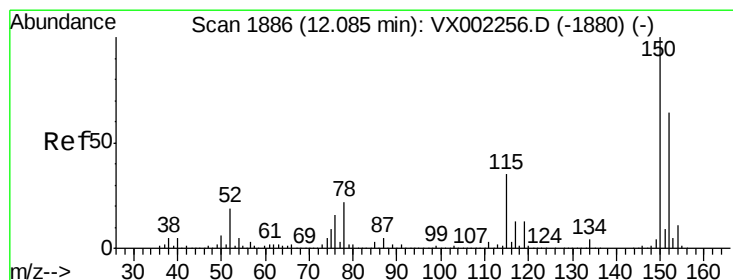
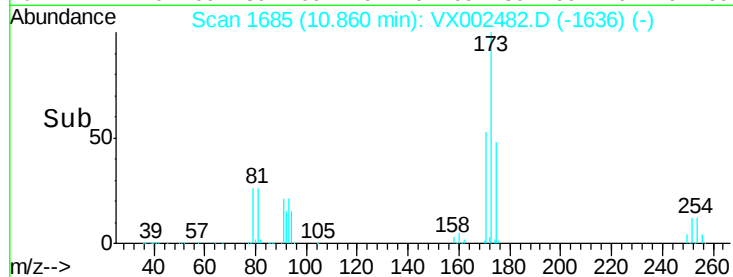
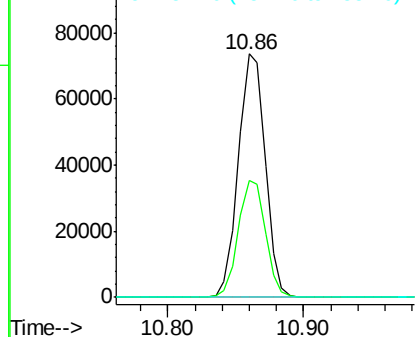
173 100

175 48.5 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: VX002482.D

Acq: 12 Jun 2018 22:38

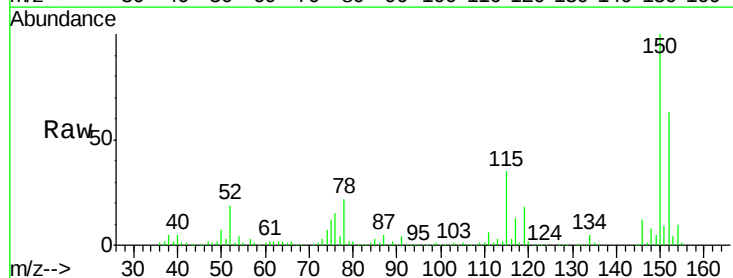
Tgt Ion:152 Resp: 194168

Ion Ratio Lower Upper

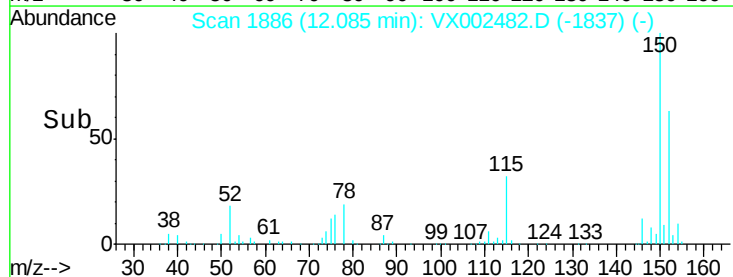
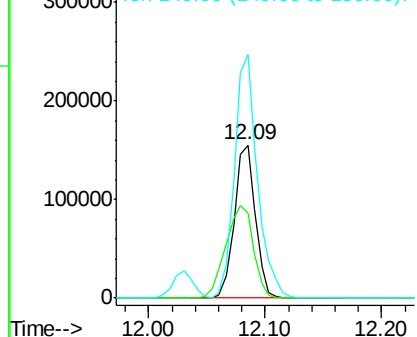
152 100

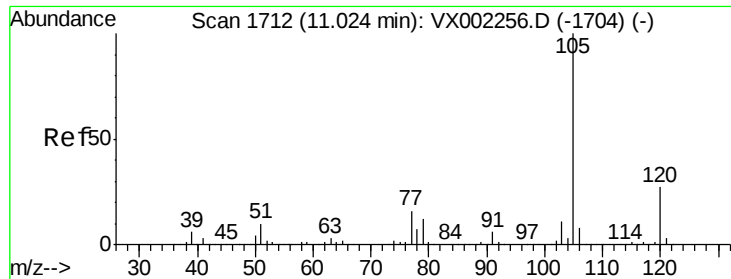
115 78.9 40.1 120.2

150 174.3 0.0 347.2



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





#73

Isopropylbenzene

Concen: 48.40 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

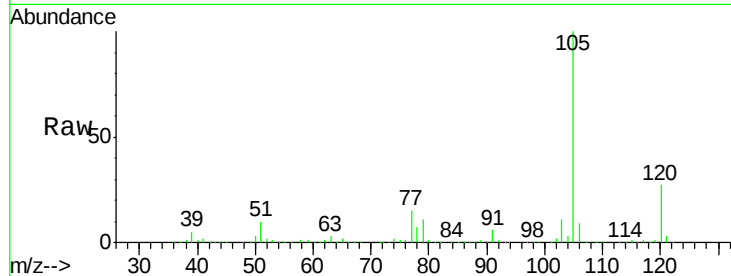
ClientSampleId :

Tot Ion:105 Resp: 653798

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

11.02

600000

500000

400000

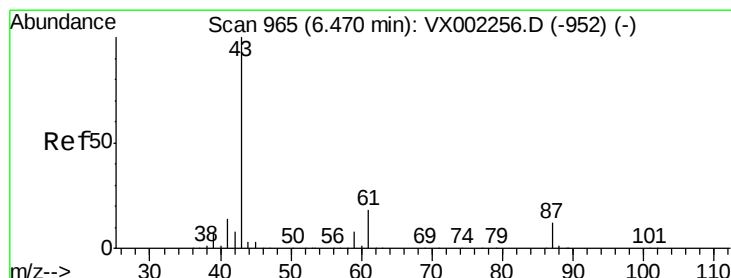
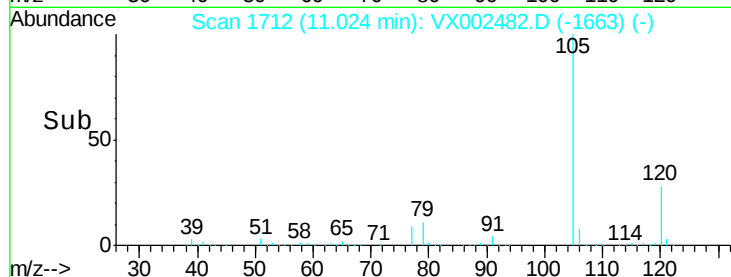
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 41.67 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Tgt Ion: 43 Resp: 303293

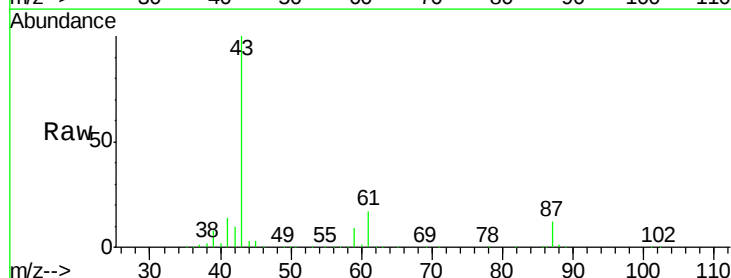
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 17.6 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

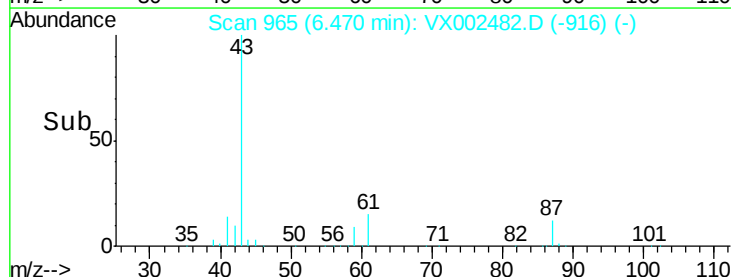
150000

100000

50000

0

Time--> 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 46.71 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

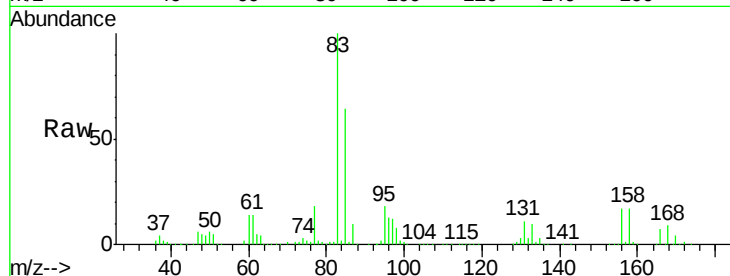
Tot Ion: 83 Resp: 198421

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

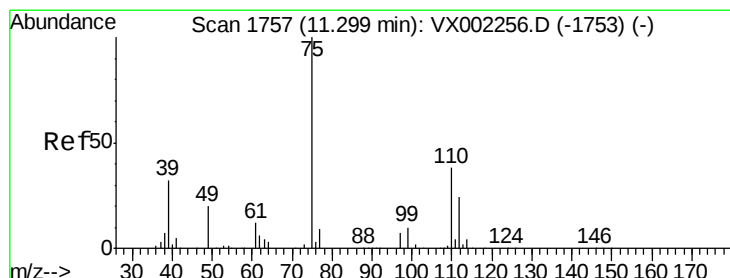
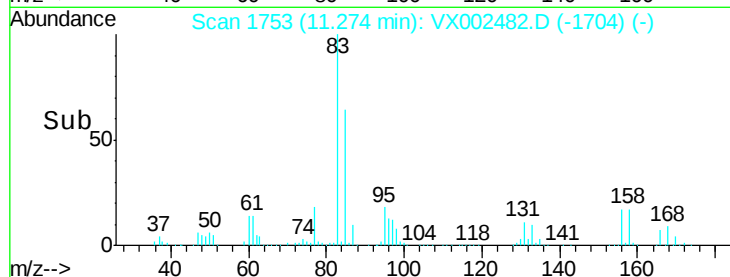
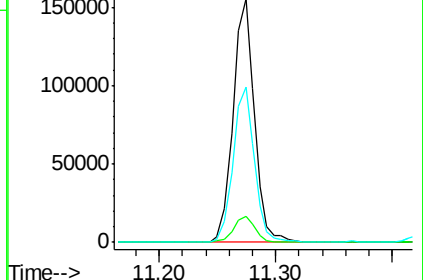
85 64.0 32.4 97.2



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: 52.89 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002482.D

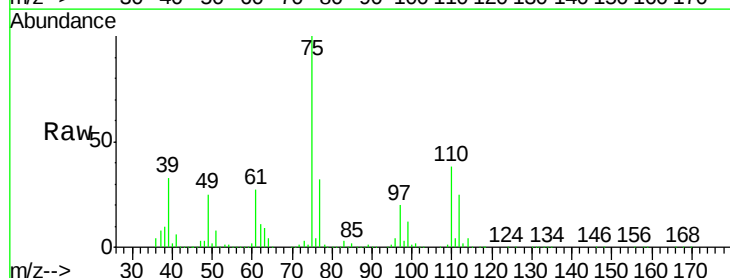
Acq: 12 Jun 2018 22:38

Tgt Ion: 75 Resp: 225339

Ion Ratio Lower Upper

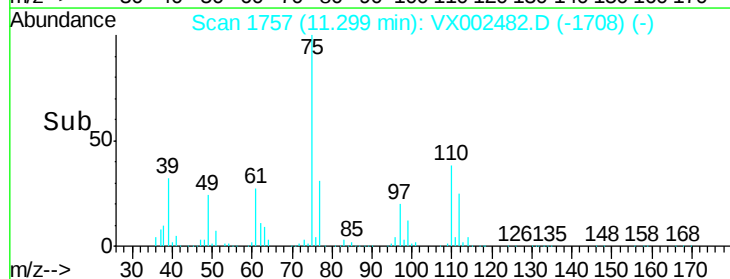
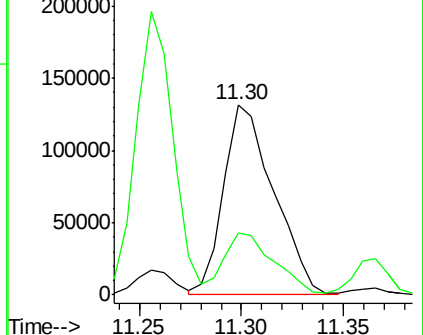
75 100

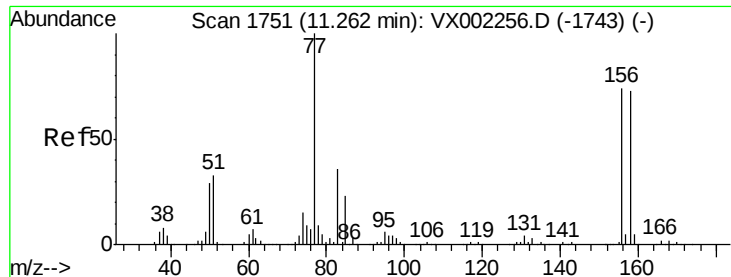
77 32.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.83 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

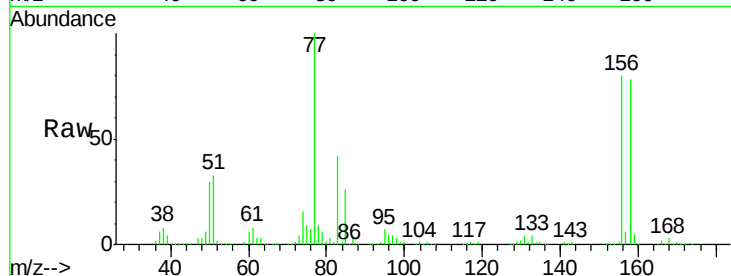
Tot Ion:156 Resp: 177589

Ion Ratio Lower Upper

156 100

77 139.3 71.4 214.2

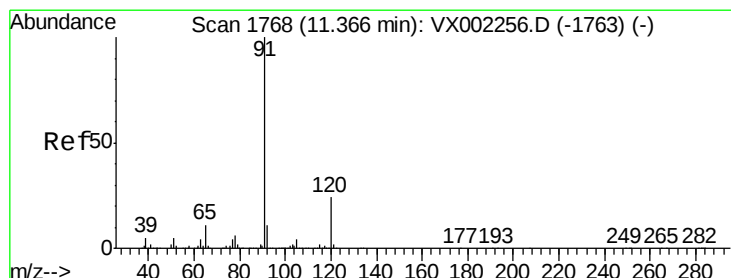
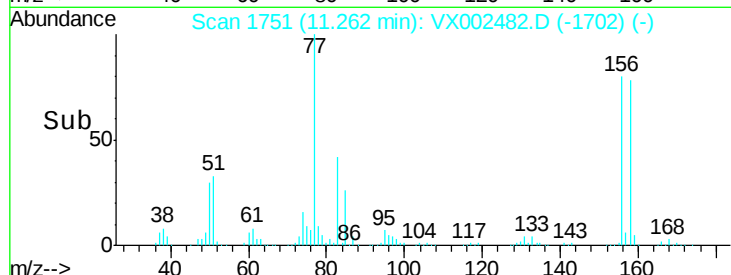
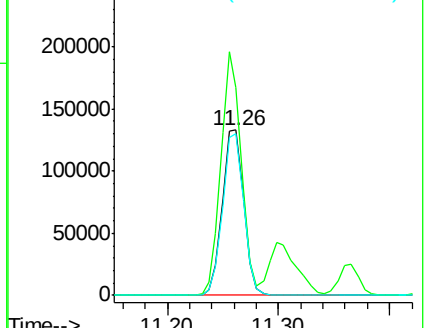
158 96.7 48.9 146.6



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: 50.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002482.D

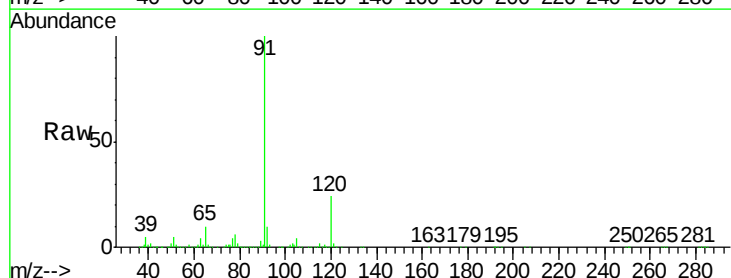
Acq: 12 Jun 2018 22:38

Tgt Ion: 91 Resp: 751657

Ion Ratio Lower Upper

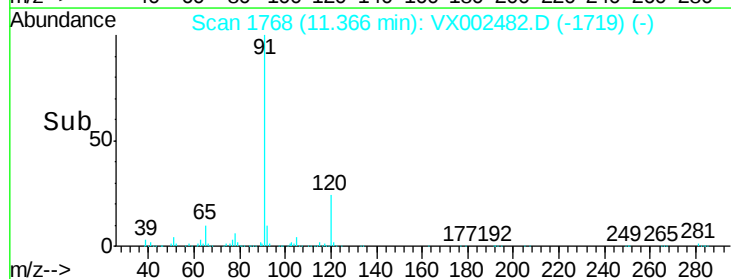
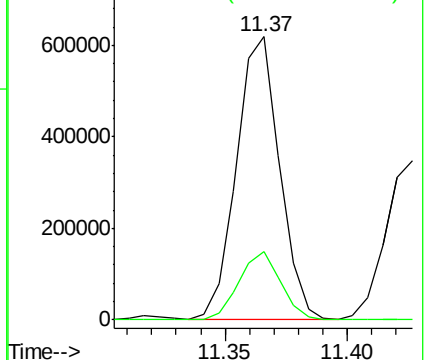
91 100

120 23.7 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: 46.56 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

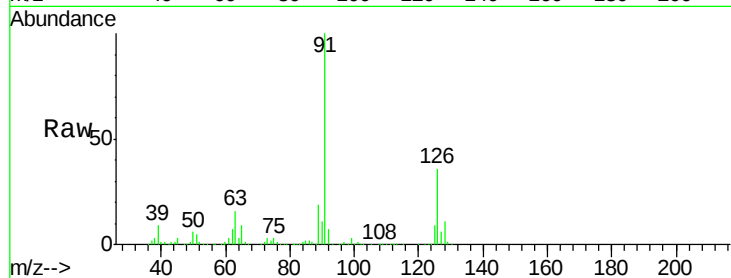
ClientSampleId :

Tot Ion: 91 Resp: 441338

Ion Ratio Lower Upper

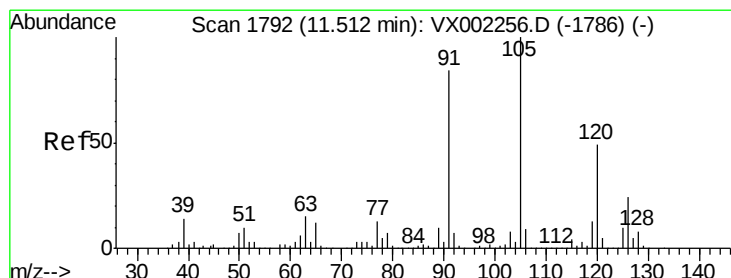
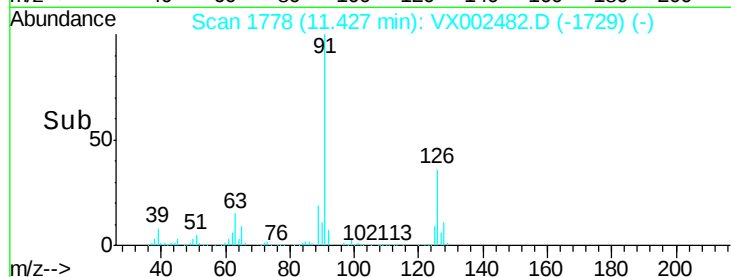
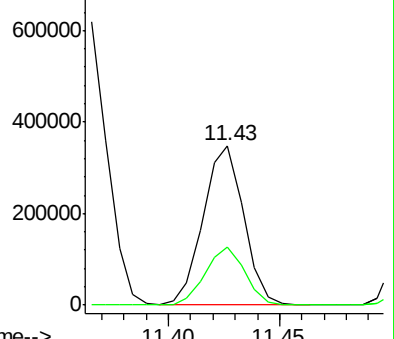
91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002482.D

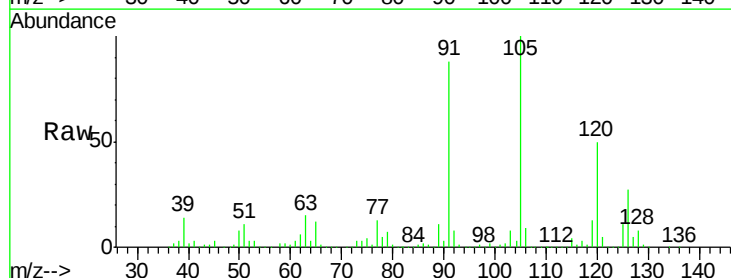
Acq: 12 Jun 2018 22:38

Tgt Ion: 105 Resp: 557060

Ion Ratio Lower Upper

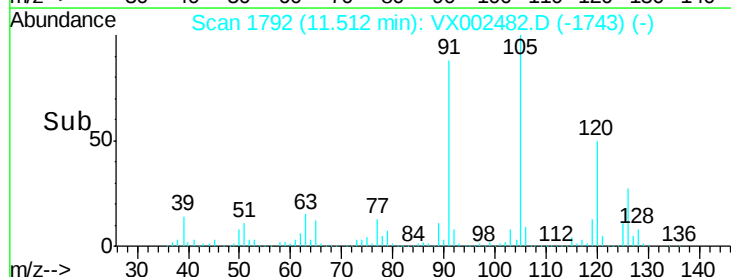
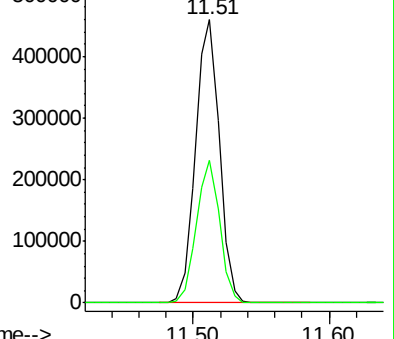
105 100

120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 39.93 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

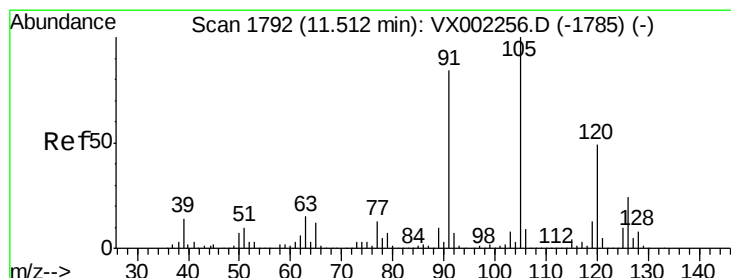
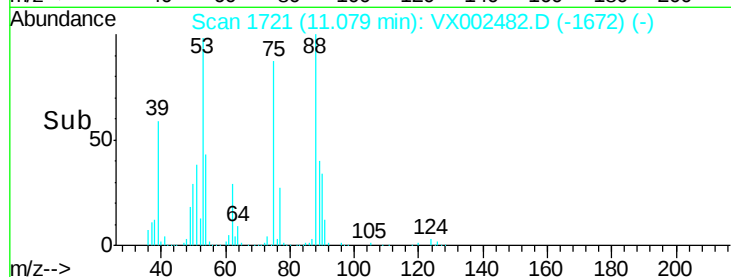
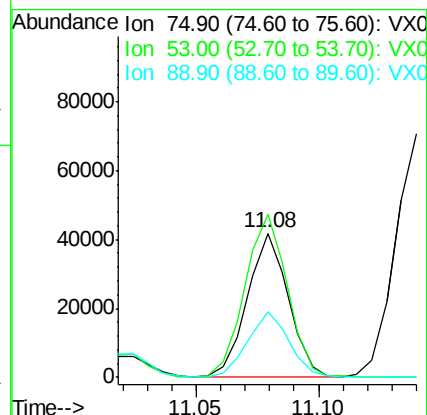
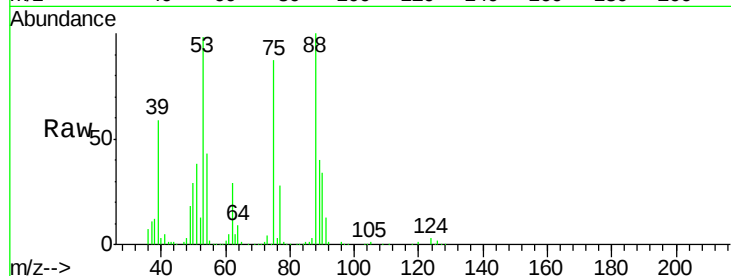
Tot Ion: 75 Resp: 48528

Ion Ratio Lower Upper

75 100

53 117.2 86.8 130.2

89 46.1 38.2 57.2



#82

4-Chlorotoluene

Concen: 47.94 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002482.D

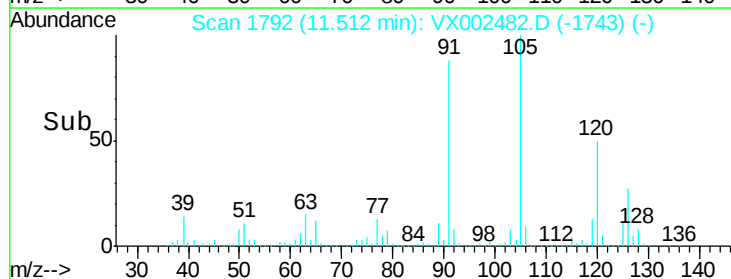
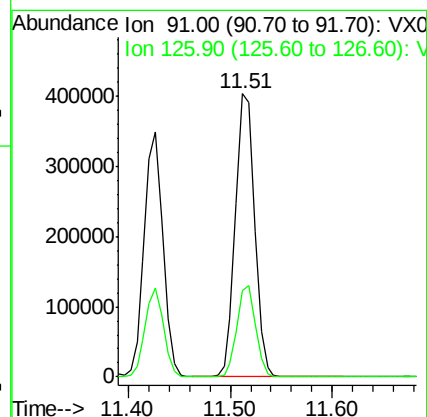
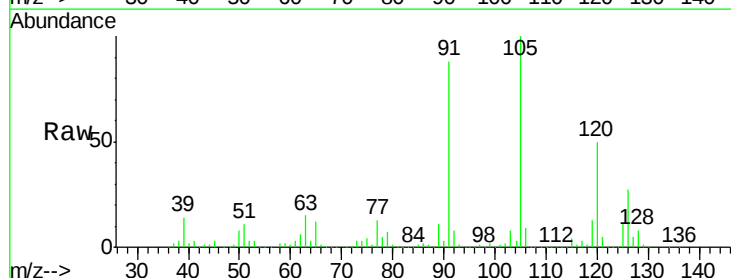
Acq: 12 Jun 2018 22:38

Tgt Ion: 91 Resp: 524594

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.4

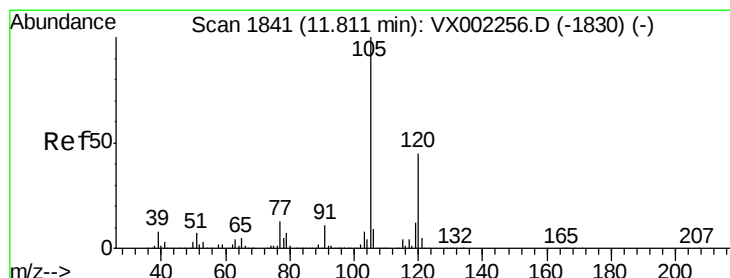
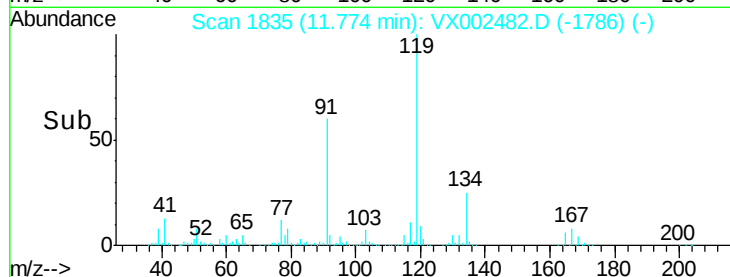
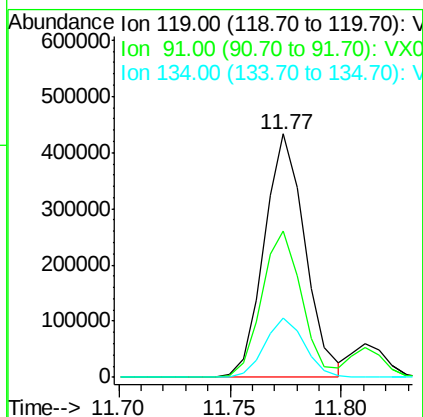
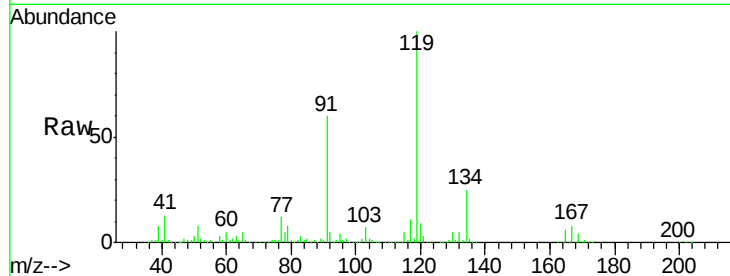




#83
tert-Butylbenzene
Concen: 48.88 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

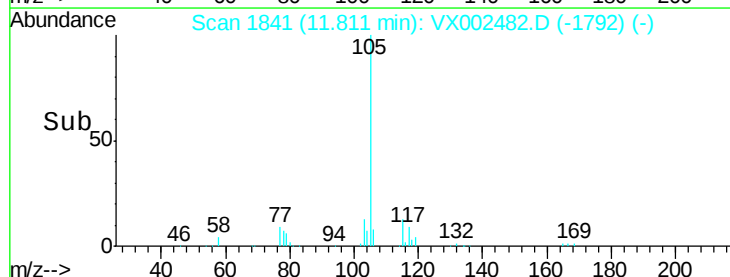
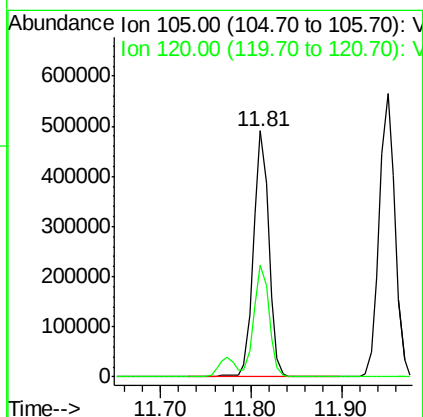
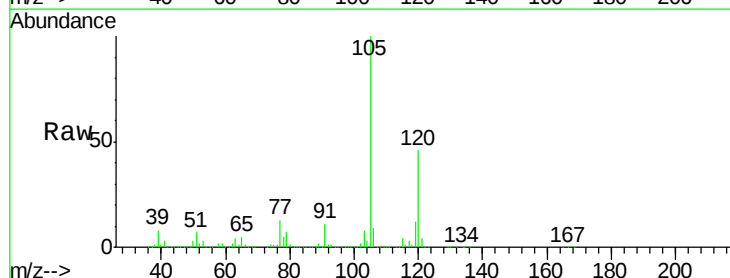
Instrument :
MSVOA_X
ClientSampled :

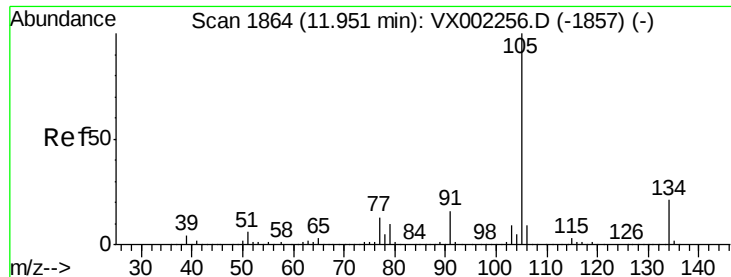
Tot Ion:119 Resp: 551434
Ion Ratio Lower Upper
119 100
91 59.4 30.3 90.9
134 23.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 48.14 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion:105 Resp: 574102
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.46 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

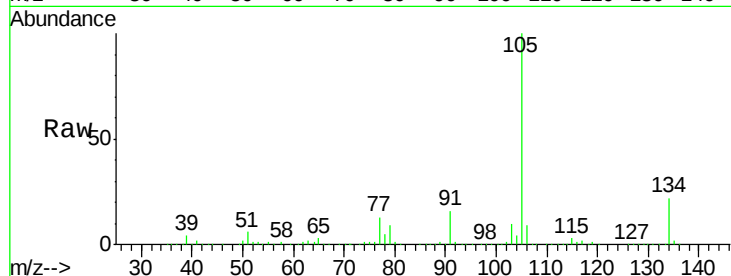
ClientSampleId :

Tot Ion:105 Resp: 680652

Ion Ratio Lower Upper

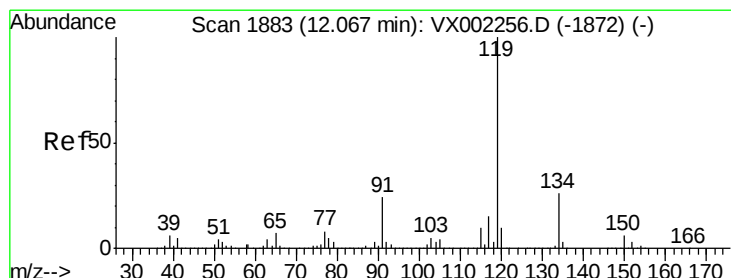
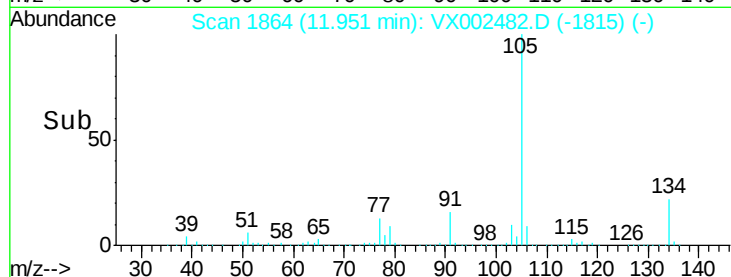
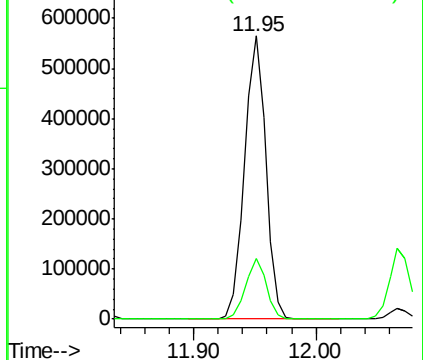
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.03 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

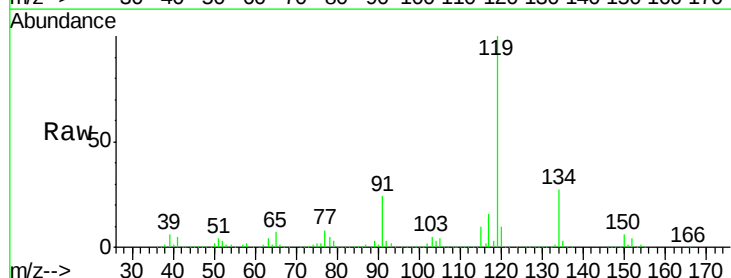
Tgt Ion:119 Resp: 614754

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

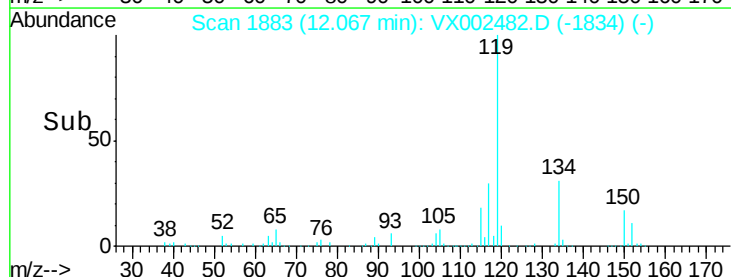
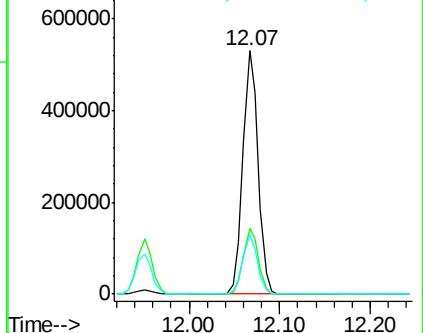
91 23.8 11.9 35.7

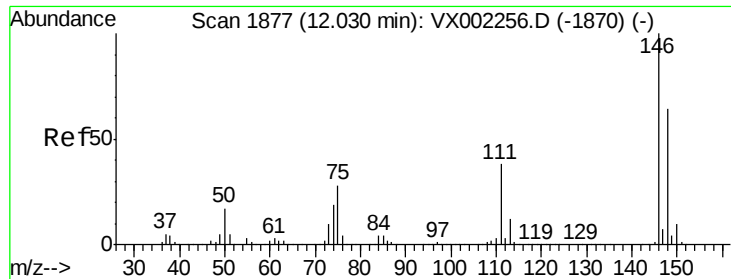


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.11 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

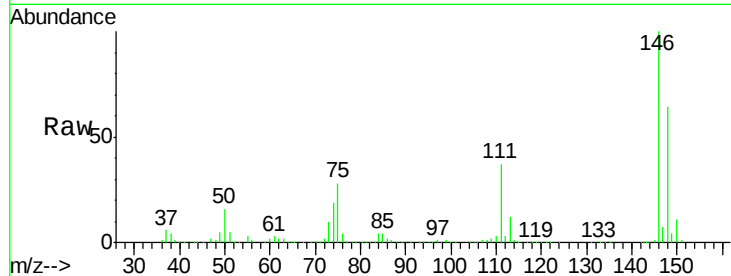
Tot Ion:146 Resp: 326220

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

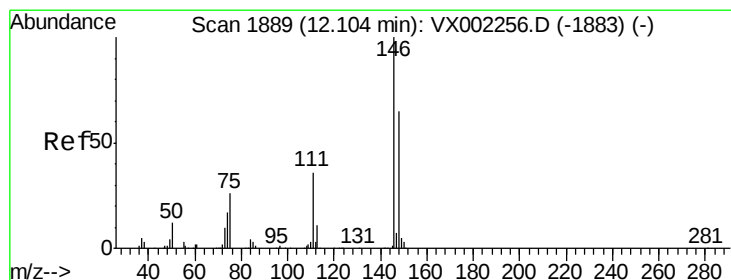
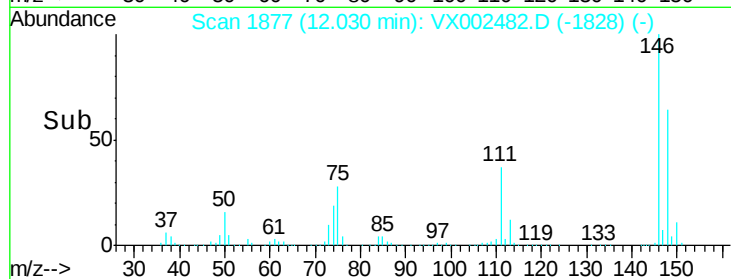
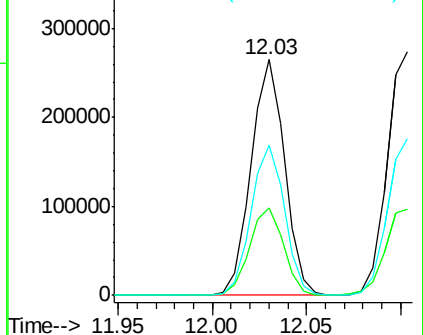
148 63.9 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 47.69 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

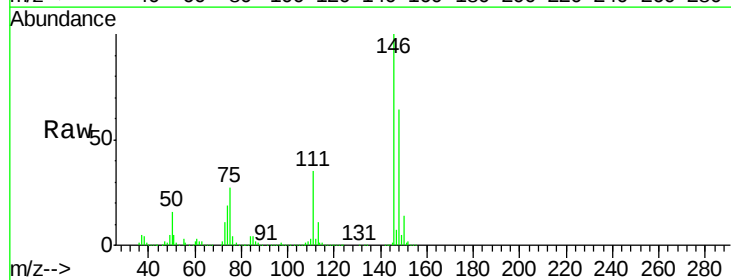
Tgt Ion:146 Resp: 333294

Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

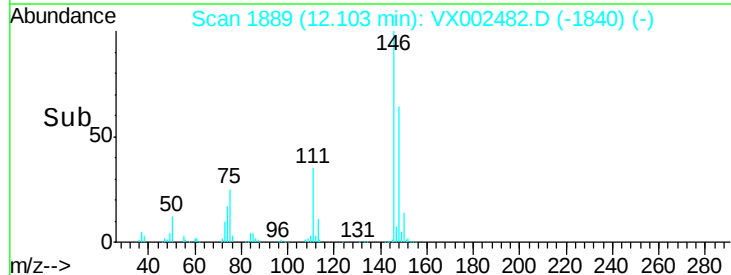
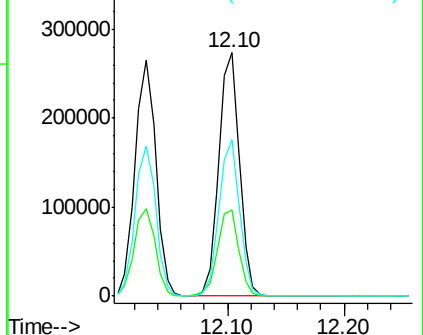
148 64.2 32.4 97.0



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





#89

n-Butylbenzene

Concen: 53.22 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002482.D

Acq: 12 Jun 2018 22:38

Instrument :

MSVOA_X

ClientSampleId :

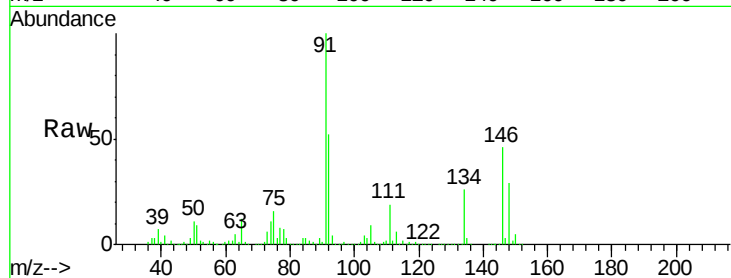
Tot Ion: 91 Resp: 537754

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

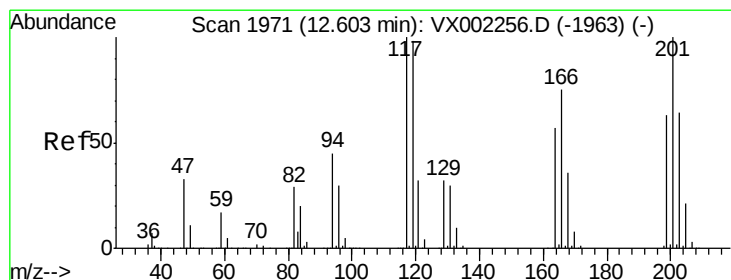
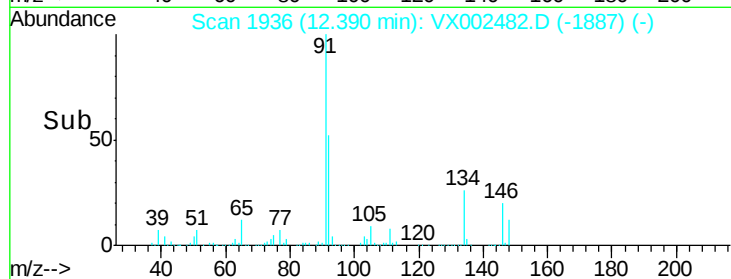
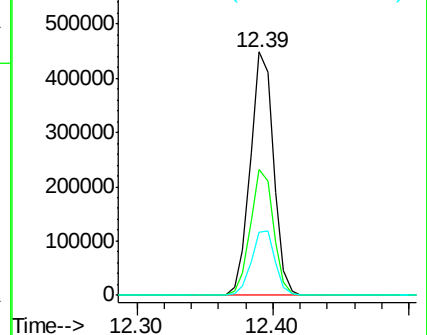
134 26.9 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)



#90

Hexachloroethane

Concen: 47.16 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002482.D

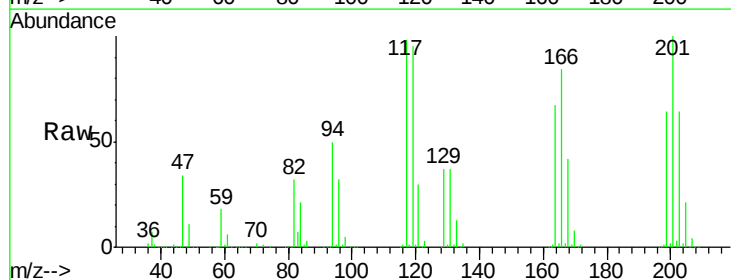
Acq: 12 Jun 2018 22:38

Tgt Ion: 117 Resp: 90693

Ion Ratio Lower Upper

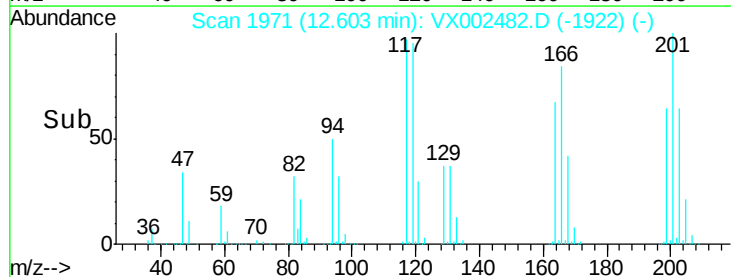
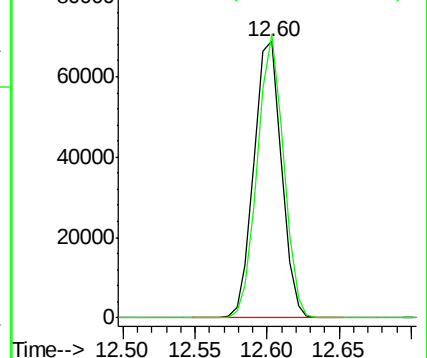
117 100

201 96.9 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

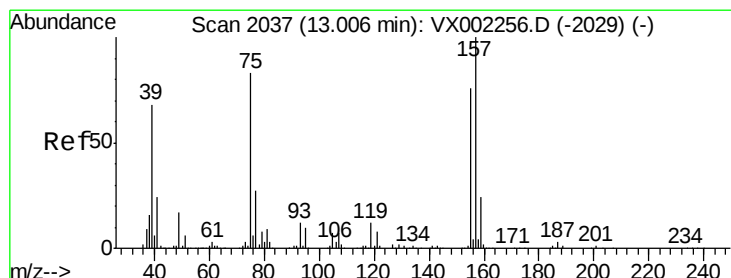
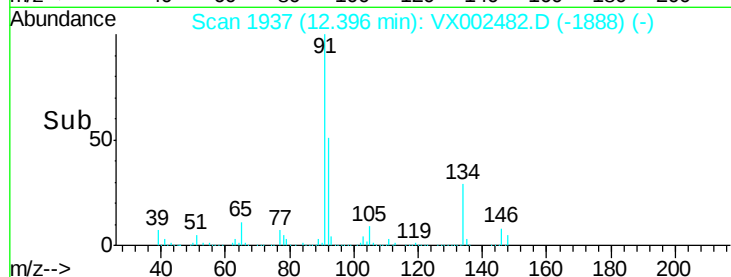
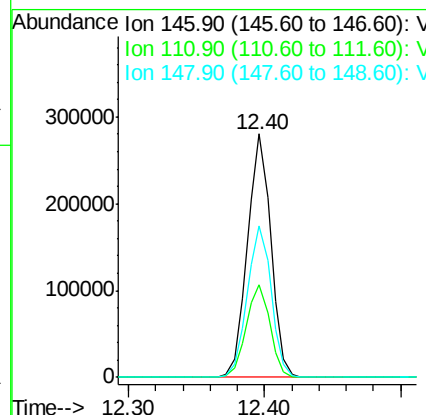
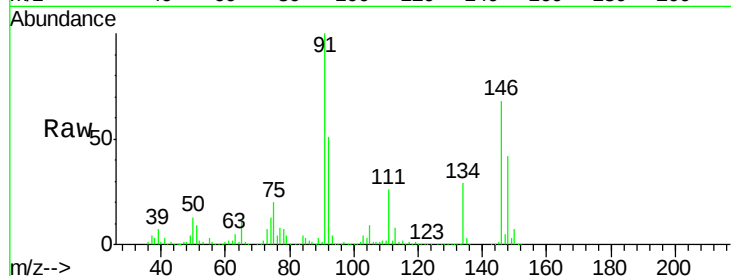




#91
 1,2-Dichlorobenzene
 Concen: 48.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

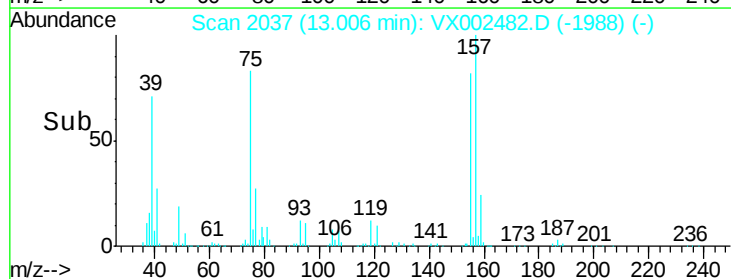
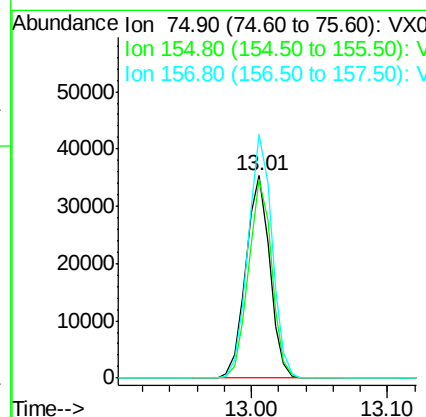
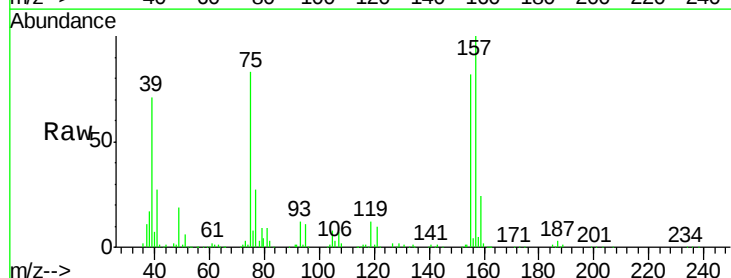
Instrument :
 MSVOA_X
 ClientSampleId :

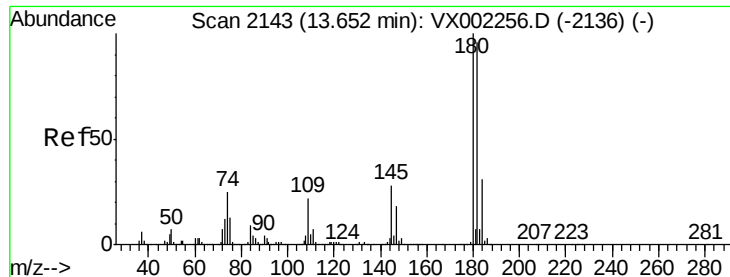
Tot Ion:146 Resp: 337756
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.92 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion: 75 Resp: 43592
 Ion Ratio Lower Upper
 75 100
 155 95.0 45.8 137.4
 157 120.3 60.1 180.3

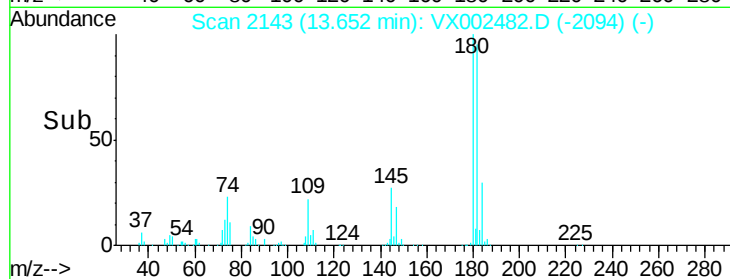
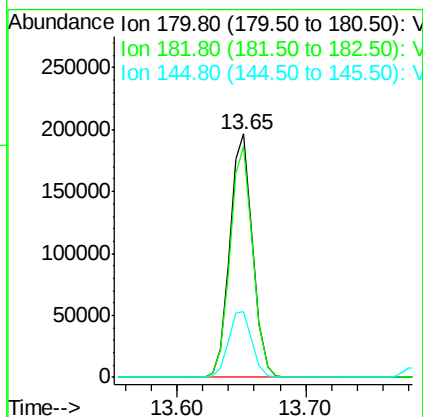
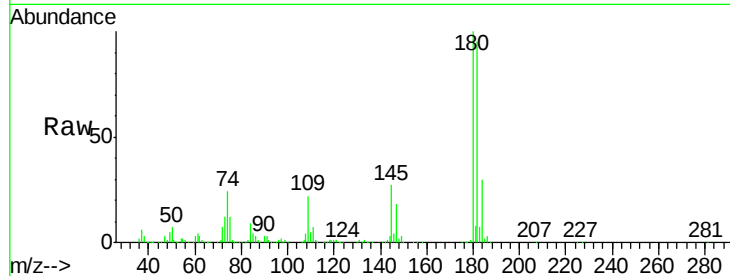




#93
 1,2,4-Trichlorobenzene
 Concen: 49.42 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

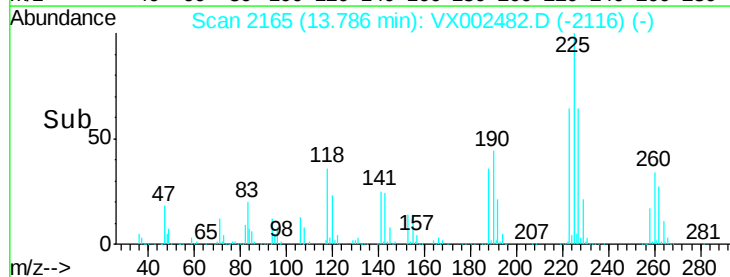
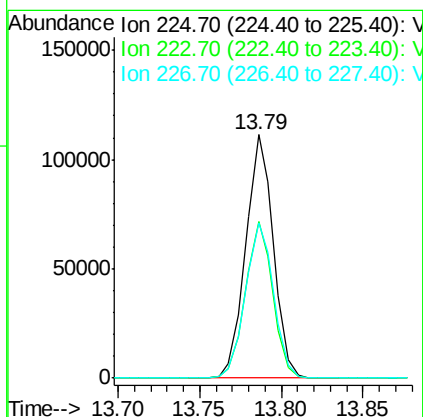
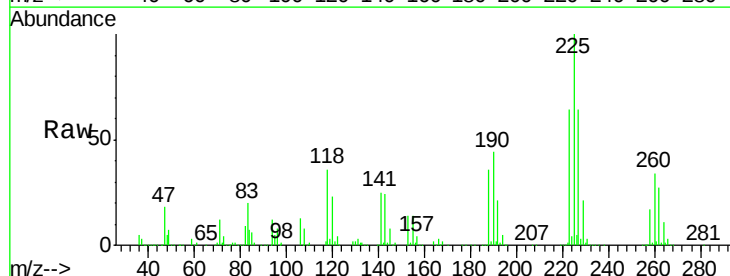
Instrument :
 MSVOA_X
 ClientSampleId :

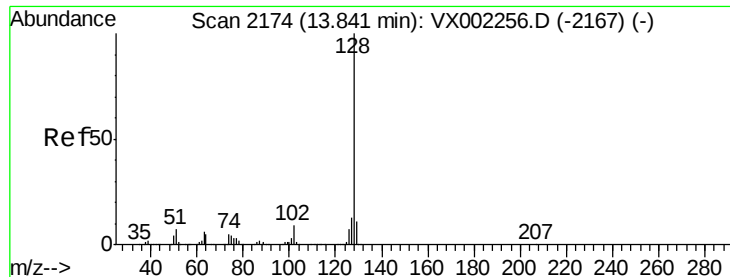
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.7	143.1
145	27.9	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 53.93 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002482.D
 Acq: 12 Jun 2018 22:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.6	95.0
227	64.7	32.4	97.2

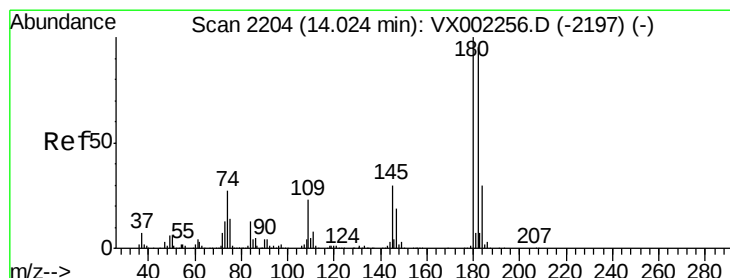
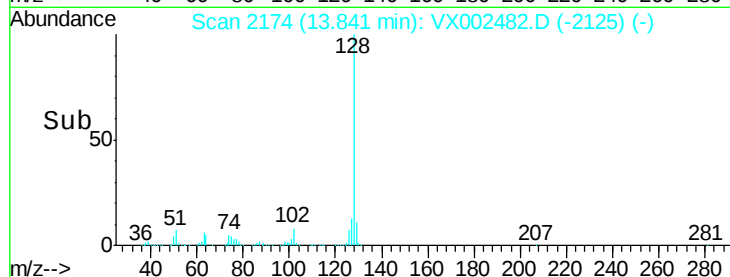
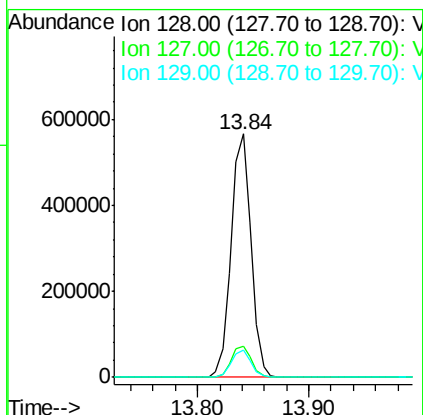
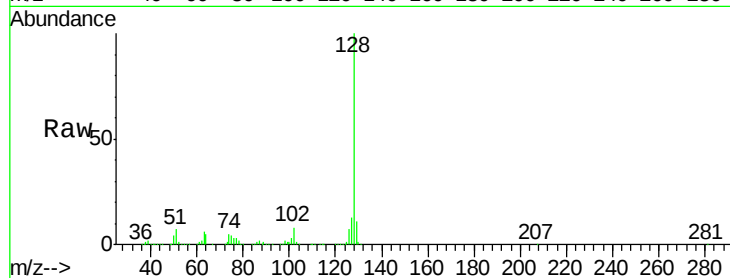




#95
Naphthalene
Concen: 49.27 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 696382
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.23 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002482.D
Acq: 12 Jun 2018 22:38

Tgt Ion:180 Resp: 246947
Ion Ratio Lower Upper
180 100
182 96.3 48.0 144.0
145 29.7 14.8 44.3

