

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002554.D
 Acq On : 14 Jun 2018 16:19
 Operator : JC/MD
 Sample : J3404-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:31:45 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	241637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210880	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	157068	45.12	ug/l	0.00
Spiked Amount			Recovery	=	90.24%	
35) Dibromofluoromethane	5.51	113	125641	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
50) Toluene-d8	8.72	98	449958	42.60	ug/l	0.00
Spiked Amount			Recovery	=	85.20%	
62) 4-Bromofluorobenzene	11.14	95	178499	43.83	ug/l	0.00
Spiked Amount			Recovery	=	87.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	106782	42.51	ug/l	98
3) Chloromethane	1.32	50	124587	42.88	ug/l	100
4) Vinyl Chloride	1.40	62	147336	46.54	ug/l	89
5) Bromomethane	1.64	94	78135	43.16	ug/l	98
6) Chloroethane	1.71	64	97286	47.51	ug/l	97
7) Trichlorofluoromethane	1.92	101	241043	49.97	ug/l	98
8) Diethyl Ether	2.19	74	92300	54.04	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	135918	52.22	ug/l	100
10) Methyl Iodide	2.51	142	172984	47.25	ug/l	98
11) Tert butyl alcohol	3.09	59	222757	320.10	ug/l	98
12) 1,1-Dichloroethene	2.37	96	121730	47.32	ug/l	97
13) Acrolein	2.29	56	58037	165.87	ug/l	99
14) Allyl chloride	2.73	41	250216	44.82	ug/l	# 92
15) Acrylonitrile	3.15	53	430816	294.68	ug/l	100
16) Acetone	2.45	43	482610	330.96	ug/l	99
17) Carbon Disulfide	2.57	76	309127	45.59	ug/l	99
18) Methyl Acetate	2.78	43	245188	72.02	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	494114	55.42	ug/l	100
20) Methylene Chloride	2.85	84	141871	52.04	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	132584	46.74	ug/l	99
22) Diisopropyl ether	3.88	45	471479	50.57	ug/l	97
23) Vinyl Acetate	3.83	43	2085072	230.40	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242499	43.95	ug/l	99
25) 2-Butanone	4.71	43	891895	376.45	ug/l	98
26) 2,2-Dichloropropane	4.59	77	182545	42.32	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	177717	57.61	ug/l	92
28) Bromochloromethane	5.02	49	122568	52.40	ug/l	97
29) Tetrahydrofuran	5.17	42	392999	257.28	ug/l	99
30) Chloroform	5.22	83	254411	47.78	ug/l	95
31) Cyclohexane	5.57	56	194821	44.65	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	221503	49.06	ug/l	99
36) 1,1-Dichloropropene	5.80	75	179540	48.74	ug/l	99
37) Ethyl Acetate	4.87	43	230378	52.00	ug/l	100
38) Carbon Tetrachloride	5.79	117	192056	49.83	ug/l	96

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Quant Time: Jun 15 01:31:45 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	191646	42.15	ug/l	97
40) Benzene	6.15	78	538435	47.67	ug/l	100
41) Methacrylonitrile	5.07	41	129902	51.22	ug/l	98
42) 1,2-Dichloroethane	6.20	62	216096	48.15	ug/l	100
43) Isopropyl Acetate	6.47	43	382627	50.85	ug/l	100
44) Trichloroethene	7.21	130	164252	52.40	ug/l	98
45) 1,2-Dichloropropane	7.52	63	145453	47.70	ug/l	99
46) Dibromomethane	7.67	93	99728	48.24	ug/l	99
47) Bromodichloromethane	7.90	83	185445	49.60	ug/l	97
48) Methyl methacrylate	7.78	41	198440	52.50	ug/l	98
49) 1,4-Dioxane	7.76	88	80542	1139.65	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	1297460	276.88	ug/l	100
52) Toluene	8.79	92	344555	47.96	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	217016	48.40	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	208101	49.20	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	147949	50.07	ug/l	97
56) Ethyl methacrylate	9.18	69	240199	50.92	ug/l	98
57) 1,3-Dichloropropane	9.38	76	242361	48.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.27	63	687	0.31	ug/l #	48
59) 2-Hexanone	9.50	43	1000225	276.34	ug/l	99
60) Dibromochloromethane	9.59	129	154797	52.09	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156804	50.90	ug/l	99
64) Tetrachloroethene	9.34	164	137069	39.70	ug/l	99
65) Chlorobenzene	10.14	112	405447	48.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	151871	50.35	ug/l	99
67) Ethyl Benzene	10.26	91	687932	49.35	ug/l	99
68) m/p-Xylenes	10.36	106	523238	96.56	ug/l	99
69) o-Xylene	10.70	106	259556	48.13	ug/l	99
70) Styrene	10.71	104	441246	50.05	ug/l	99
71) Bromoform	10.86	173	127584	47.43	ug/l	99
73) Isopropylbenzene	11.02	105	693808	47.29	ug/l	100
74) N-amyl acetate	6.47	43	382627	48.41	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	247780	53.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	278518	60.19	ug/l	80
77) Bromobenzene	11.26	156	198716	48.25	ug/l	98
78) n-propylbenzene	11.37	91	791226	48.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	469862	45.64	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	578962	46.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63321	47.97	ug/l	98
82) 4-Chlorotoluene	11.51	91	563625	47.43	ug/l	99
83) tert-Butylbenzene	11.77	119	598152	48.82	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	606378	46.82	ug/l	99
85) sec-Butylbenzene	11.95	105	691902	48.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	629012	48.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	354234	48.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	366832	48.33	ug/l	99
89) n-Butylbenzene	12.39	91	556014	50.67	ug/l	100
90) Hexachloroethane	12.60	117	96615	46.26	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	360863	47.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	63054	62.49	ug/l	99

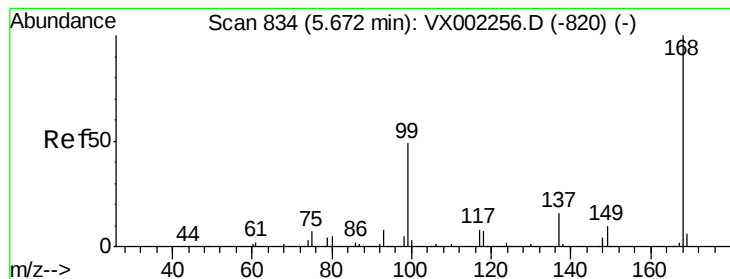
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	270883	50.71	ug/l	99
94) Hexachlorobutadiene	13.79	225	124812	47.28	ug/l	99
95) Naphthalene	13.84	128	864257	56.31	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	270397	49.63	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

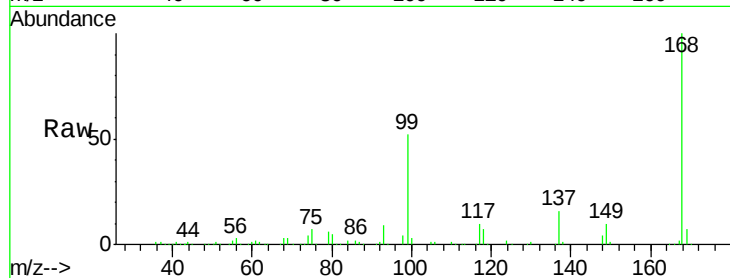
ClientSampleId :

Tot Ion:168 Resp: 241637

Ion Ratio Lower Upper

168 100

99 51.9 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

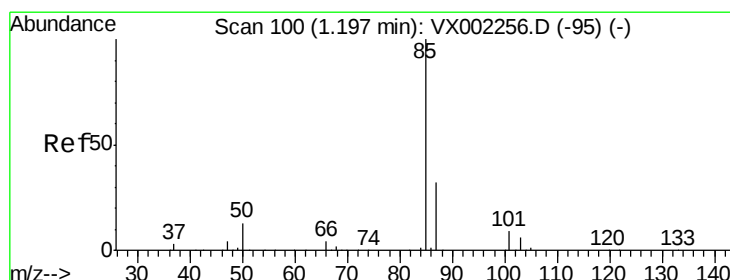
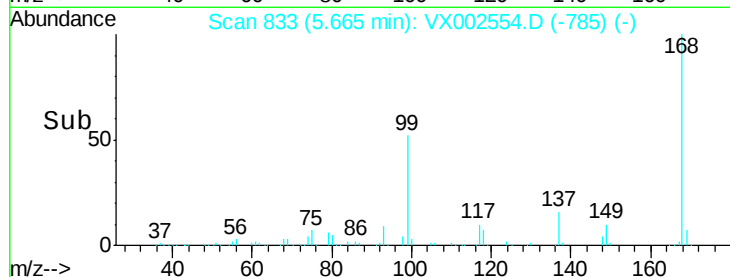
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 42.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002554.D

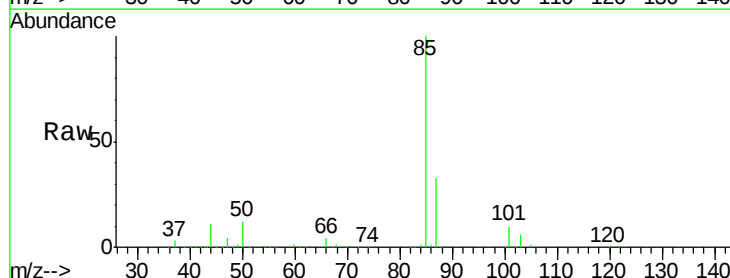
Acq: 14 Jun 2018 16:19

Tgt Ion: 85 Resp: 106782

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

40000

20000

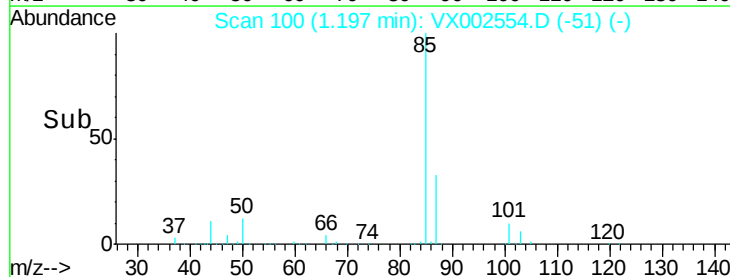
0

Time-->

1.10

1.20

1.30

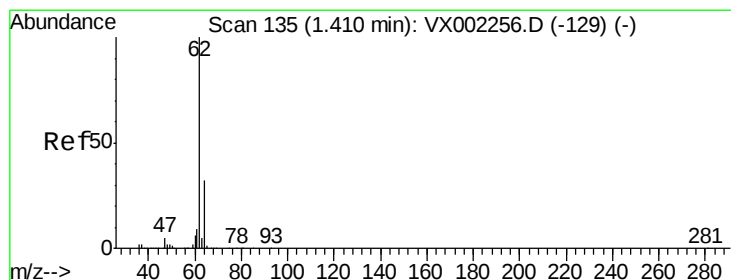
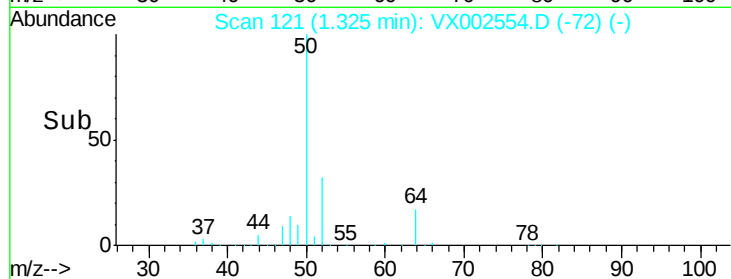
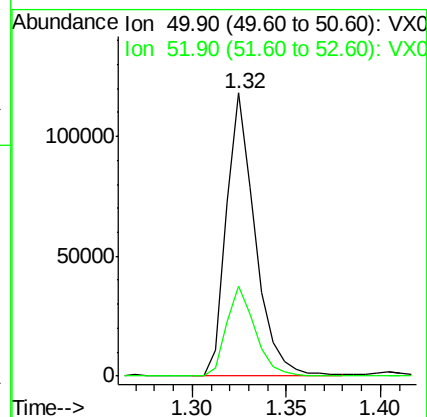
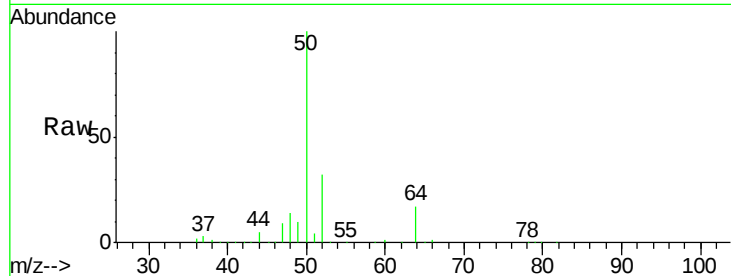




#3
Chloromethane
Concen: 42.88 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

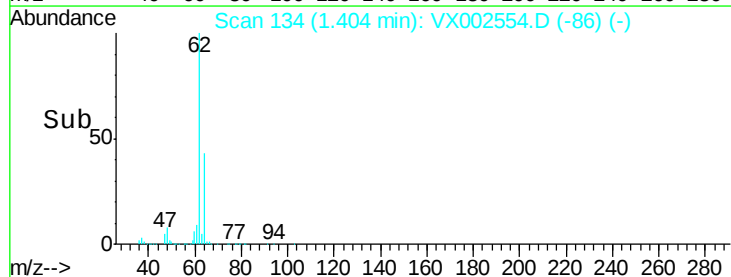
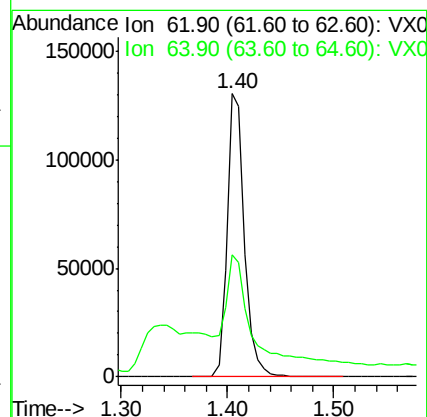
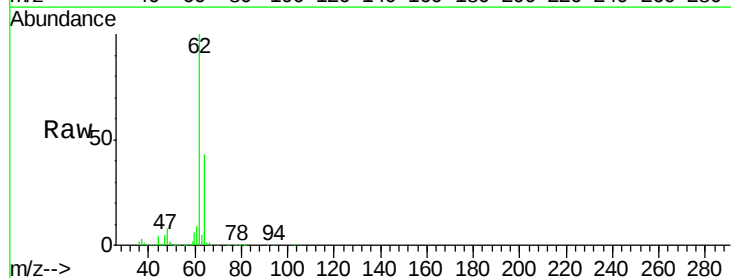
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 50 Resp: 124587
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5



#4
Vinyl Chloride
Concen: 46.54 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 62 Resp: 147336
Ion Ratio Lower Upper
62 100
64 37.9 25.4 38.2





#5

Bromomethane

Concen: 43.16 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

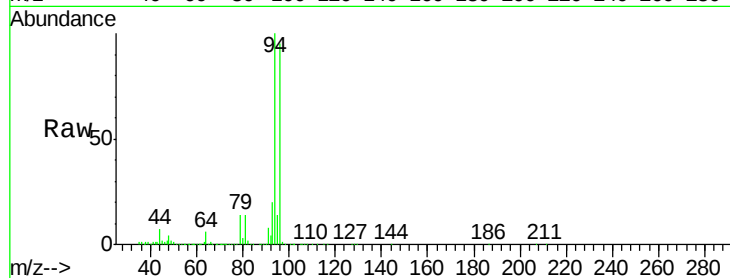
ClientSampled :

Tot Ion: 94 Resp: 78135

Ion Ratio Lower Upper

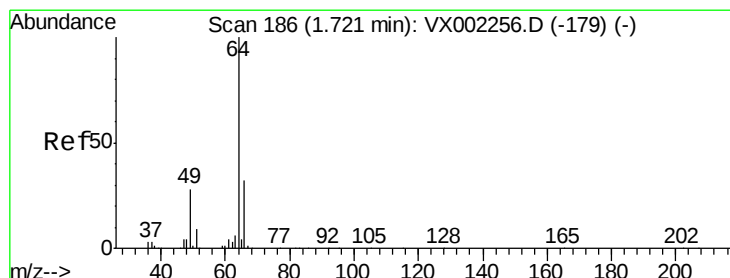
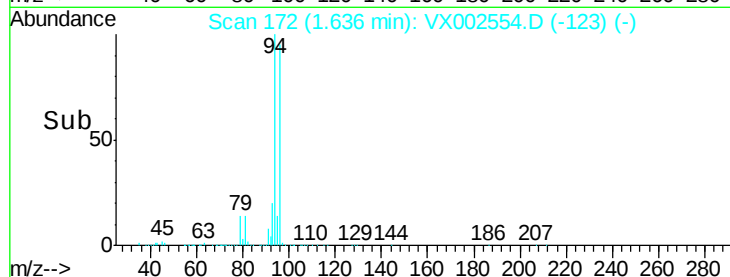
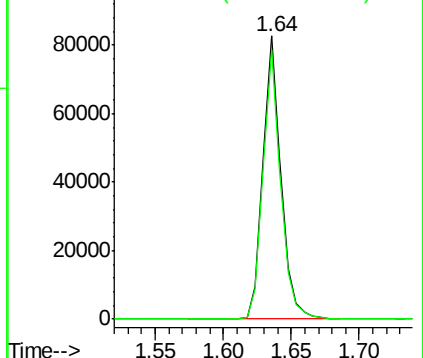
94 100

96 95.4 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: 47.51 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002554.D

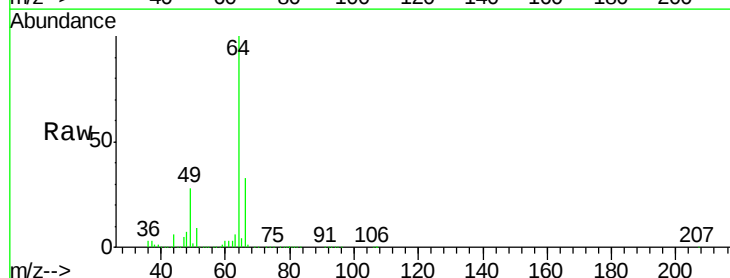
Acq: 14 Jun 2018 16:19

Tgt Ion: 64 Resp: 97286

Ion Ratio Lower Upper

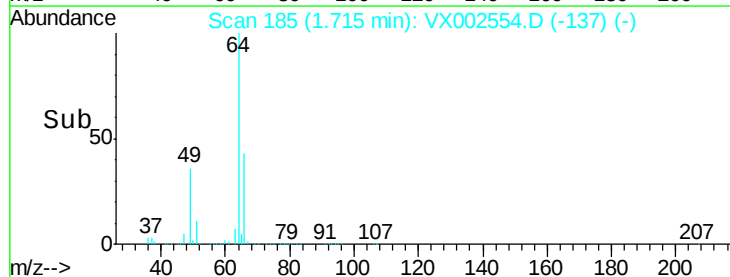
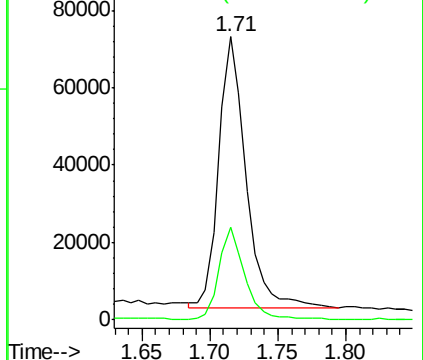
64 100

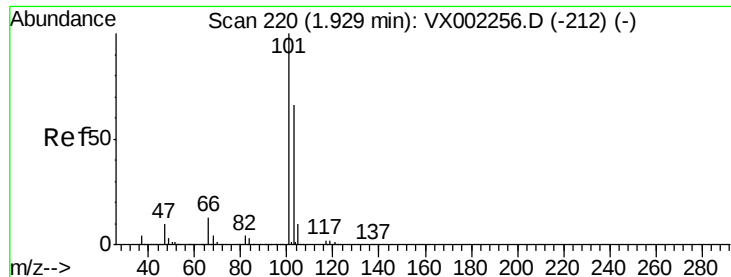
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.97 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

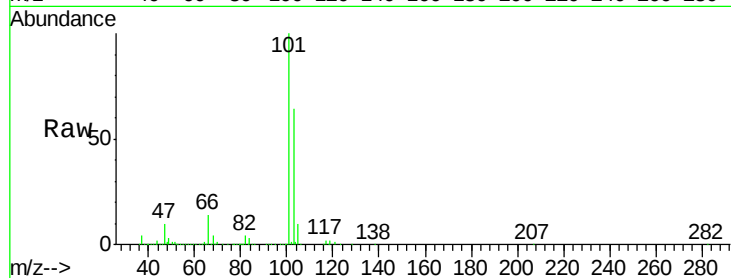
ClientSampleId :

Tot Ion:101 Resp: 241043

Ion Ratio Lower Upper

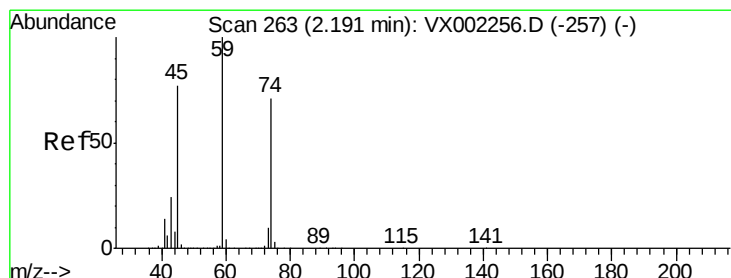
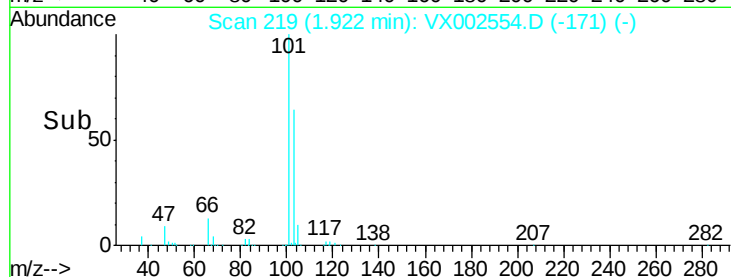
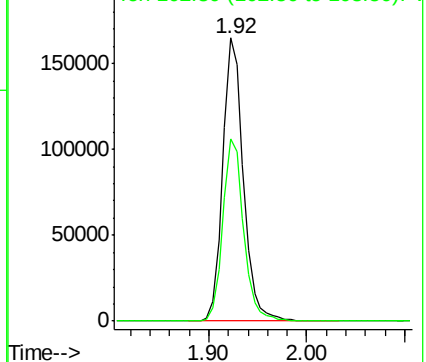
101 100

103 64.5 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: 54.04 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002554.D

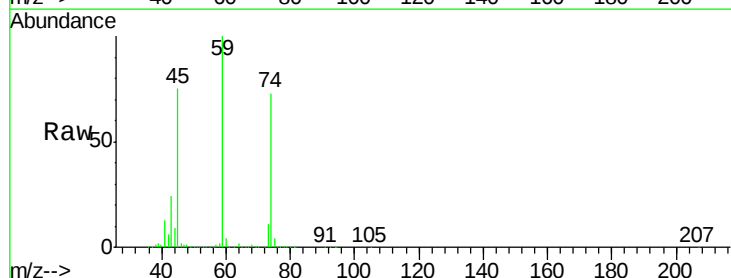
Acq: 14 Jun 2018 16:19

Tgt Ion: 74 Resp: 92300

Ion Ratio Lower Upper

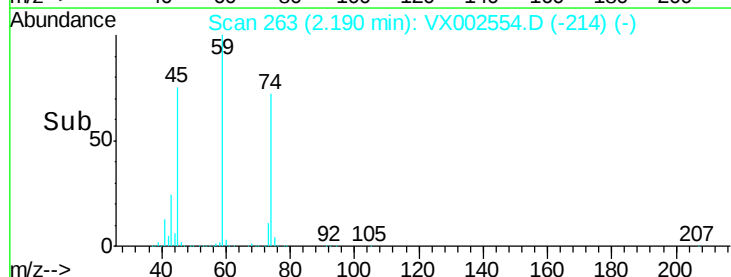
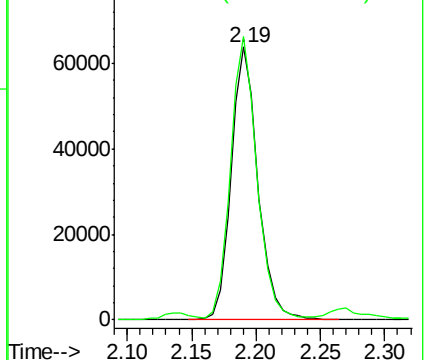
74 100

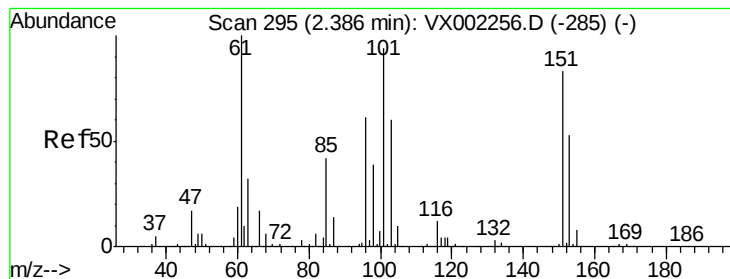
45 101.7 53.1 159.4



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: 52.22 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

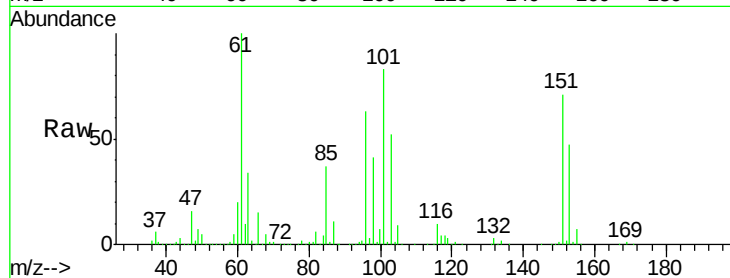
Tot Ion:101 Resp: 135918

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

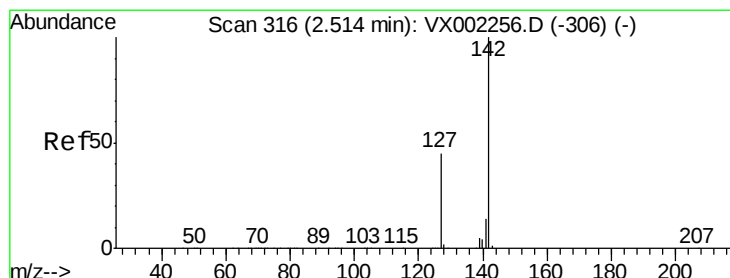
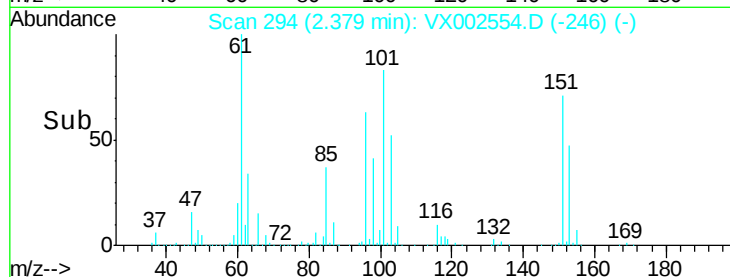
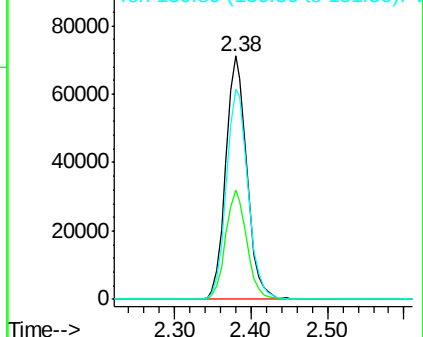
151 88.5 70.9 106.3



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: 47.25 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

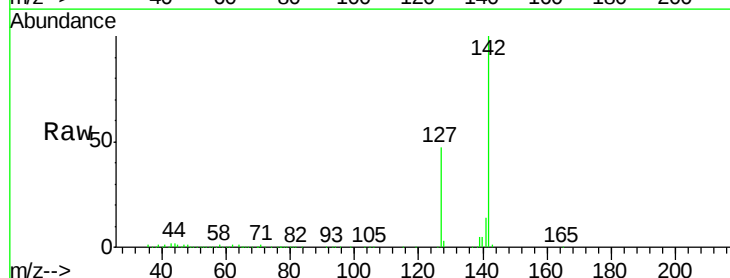
Tgt Ion:142 Resp: 172984

Ion Ratio Lower Upper

142 100

127 47.1 36.6 55.0

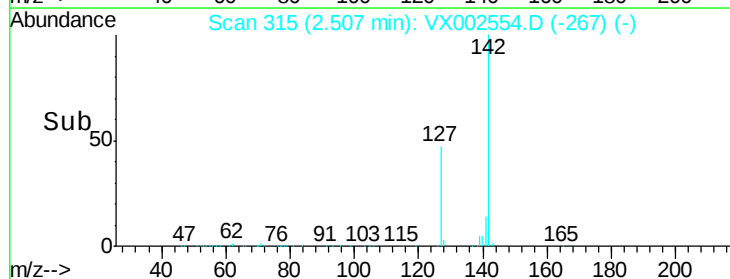
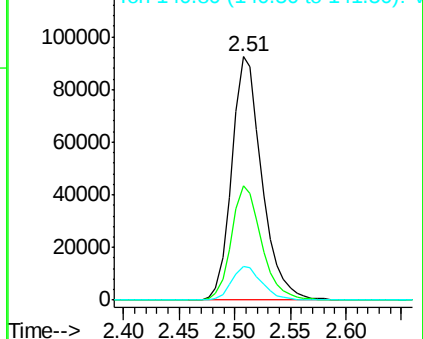
141 14.2 11.3 16.9

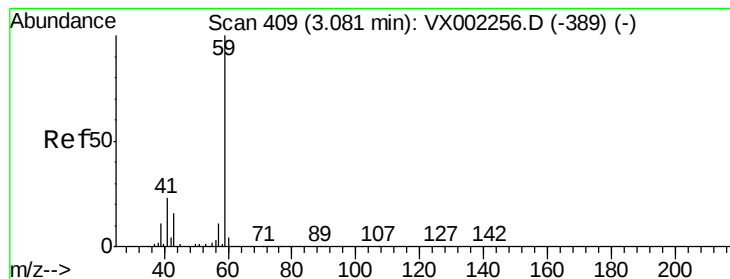


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



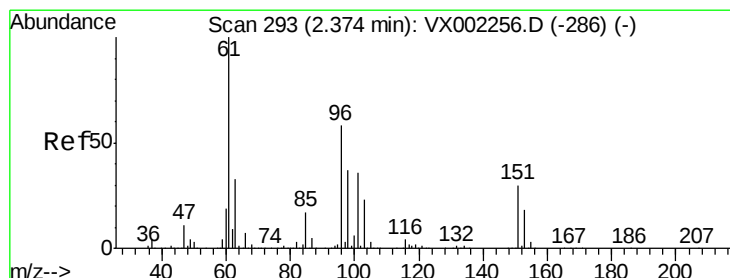
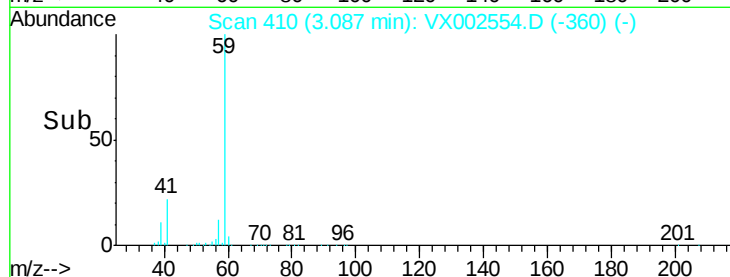
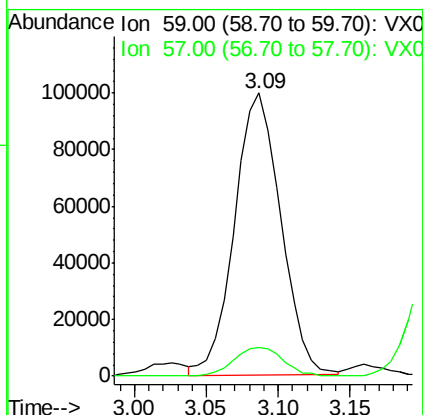
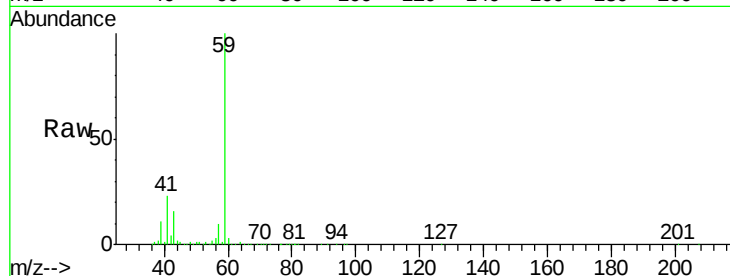


#11

Tert butyl alcohol
Concen: 320.10 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampled :

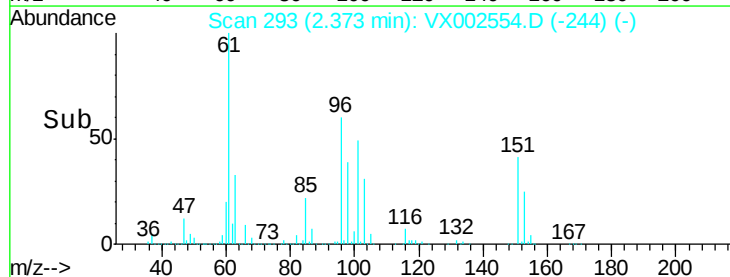
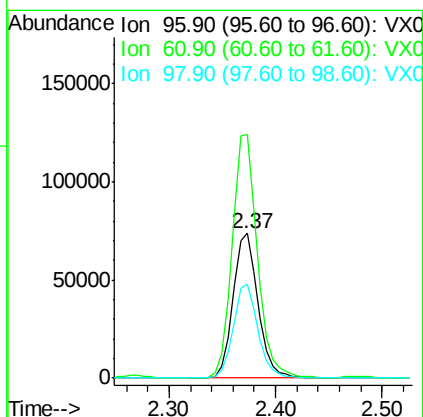
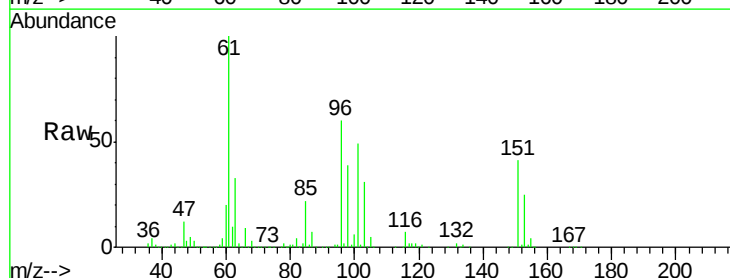
Tot Ion: 59 Resp: 222757
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

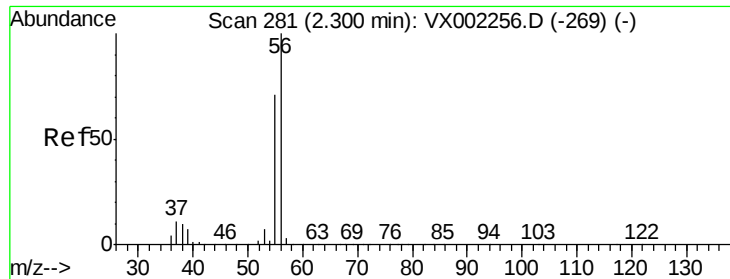


#12

1,1-Dichloroethene
Concen: 47.32 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 96 Resp: 121730
Ion Ratio Lower Upper
96 100
61 167.6 137.9 206.9
98 65.1 51.6 77.4





#13

Acrolein

Concen: 165.87 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

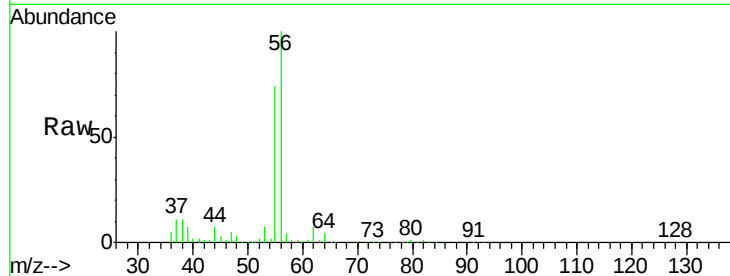
ClientSampleId :

Tot Ion: 56 Resp: 58037

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4

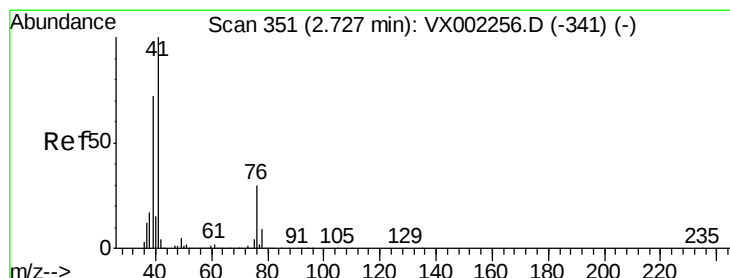
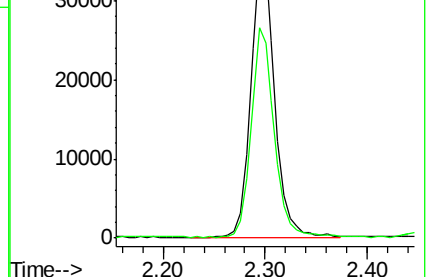
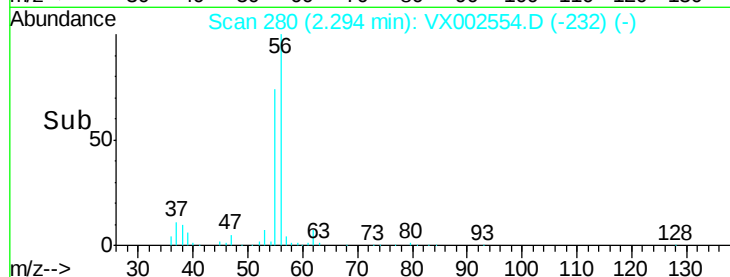


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



#14

Allyl chloride

Concen: 44.82 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

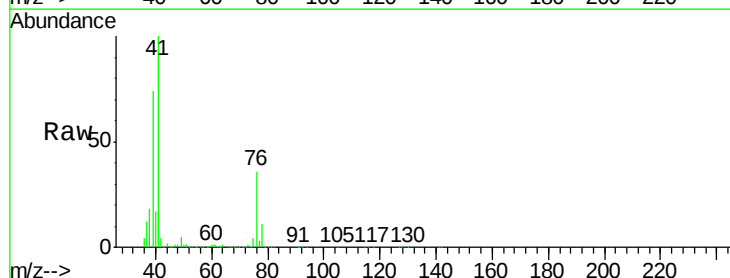
Tgt Ion: 41 Resp: 250216

Ion Ratio Lower Upper

41 100

39 71.0 56.8 85.2

76 43.8 23.8 35.8#



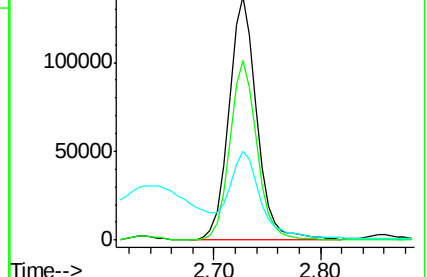
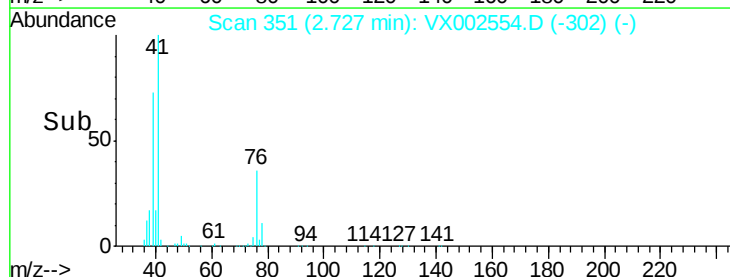
Abundance Ion 41.00 (40.70 to 41.70): VX0

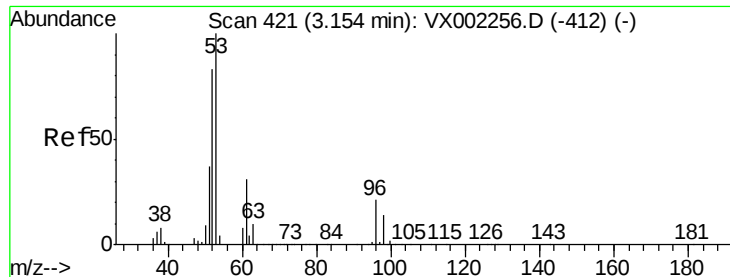
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

Time-->





#15

Acrylonitrile

Concen: 294.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampled :

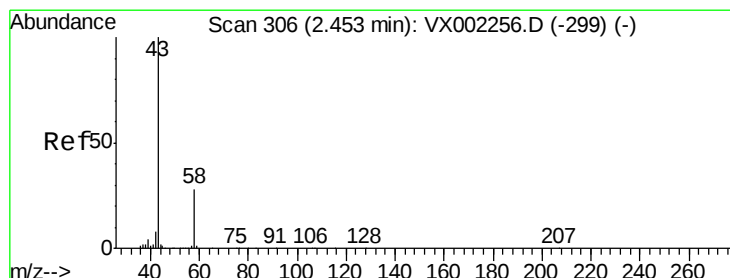
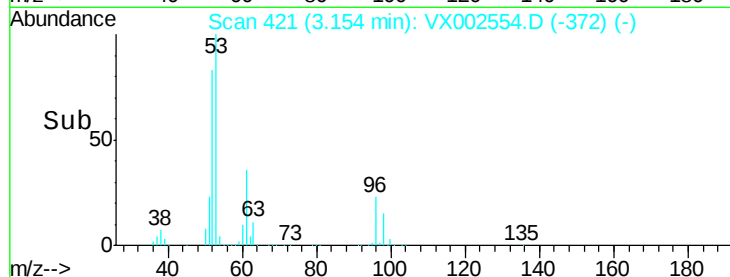
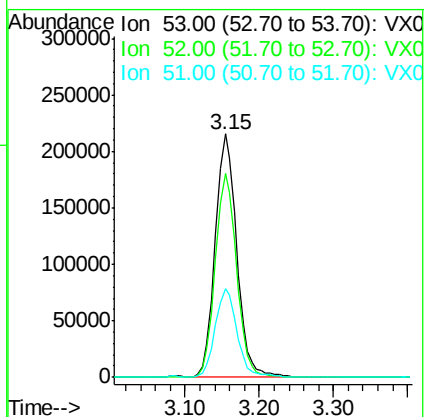
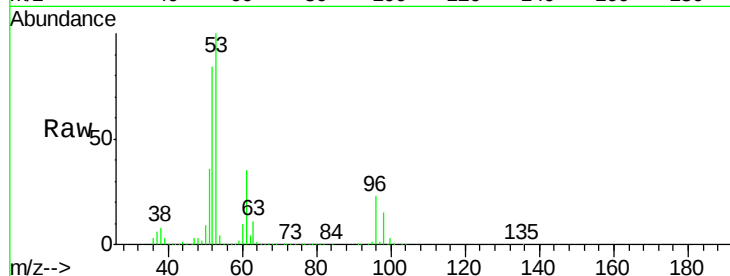
Tot Ion: 53 Resp: 430816

Ion Ratio Lower Upper

53 100

52 83.0 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 330.96 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002554.D

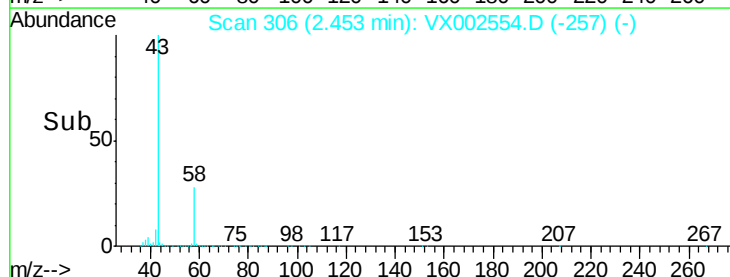
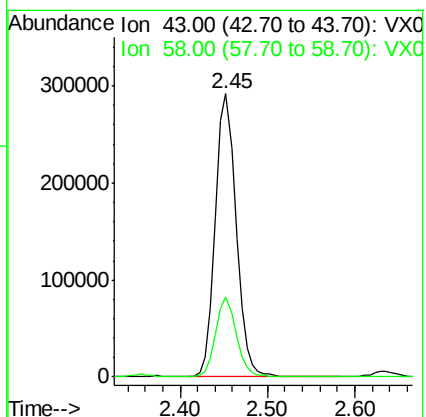
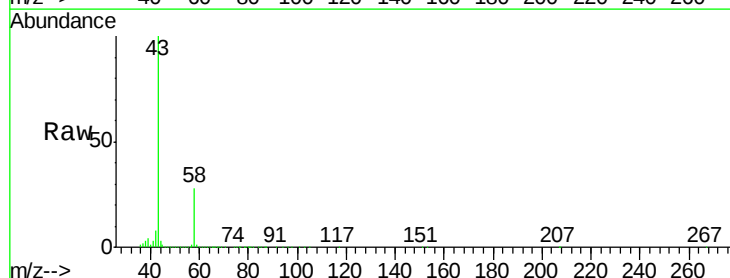
Acq: 14 Jun 2018 16:19

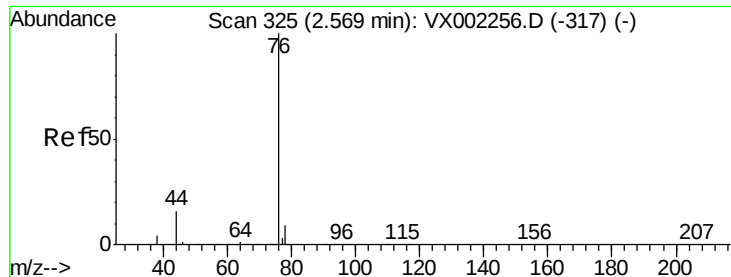
Tgt Ion: 43 Resp: 482610

Ion Ratio Lower Upper

43 100

58 28.1 22.1 33.1

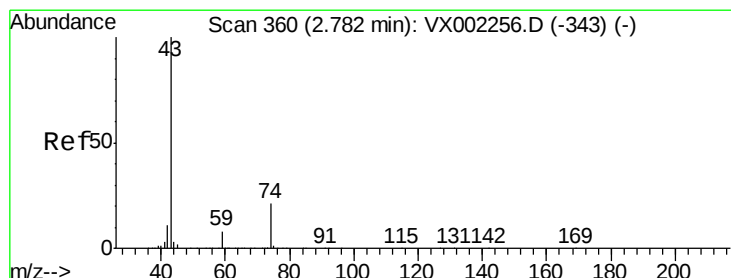
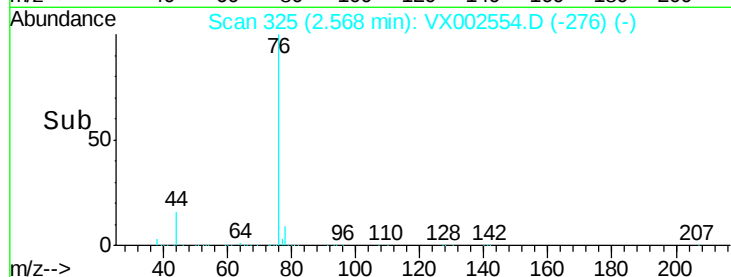
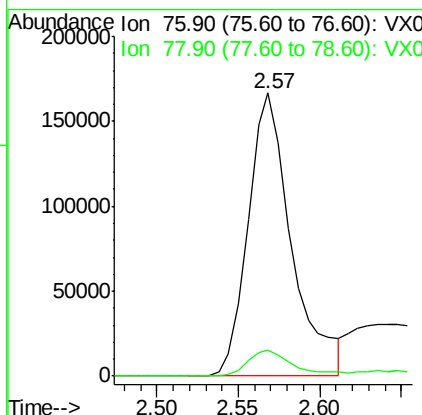
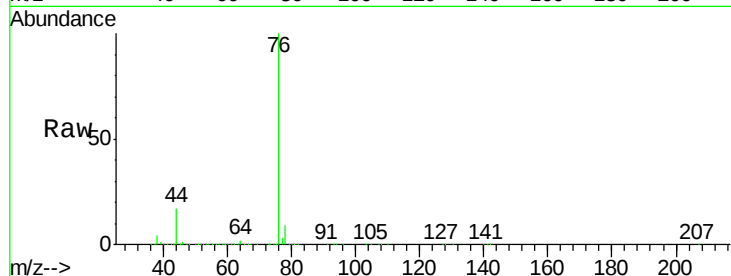




#17
Carbon Disulfide
Concen: 45.59 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

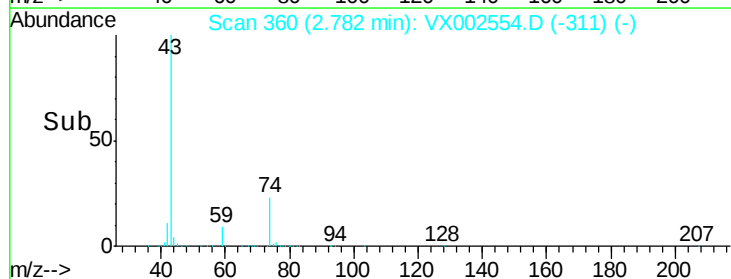
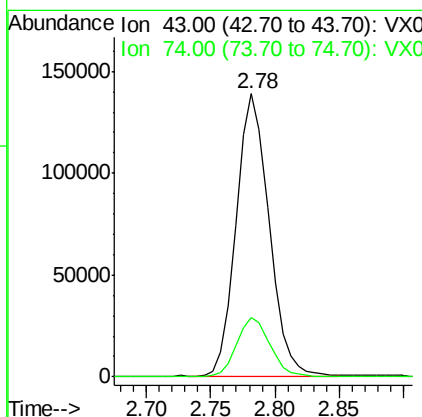
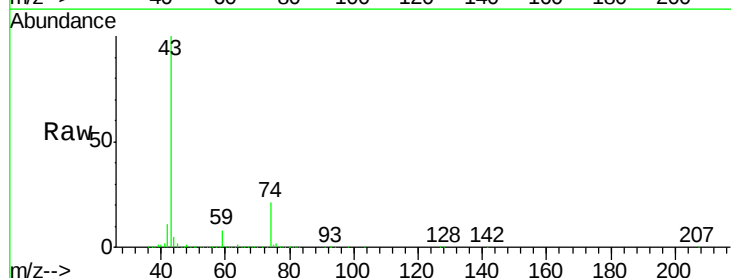
Instrument :
MSVOA_X
ClientSampleId :

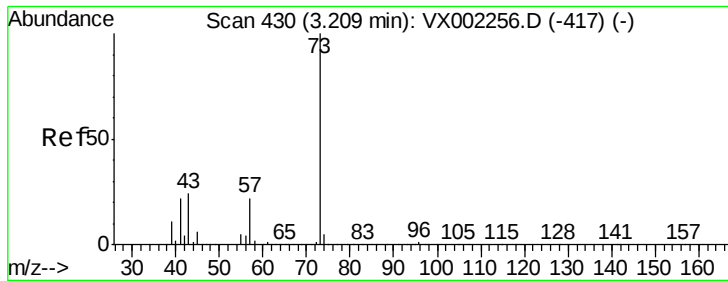
Tot Ion: 76 Resp: 309127
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 72.02 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 43 Resp: 245188
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1

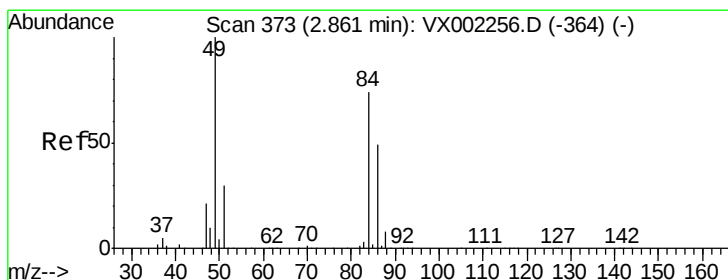
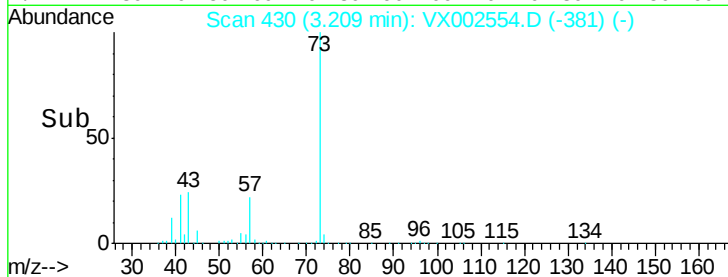
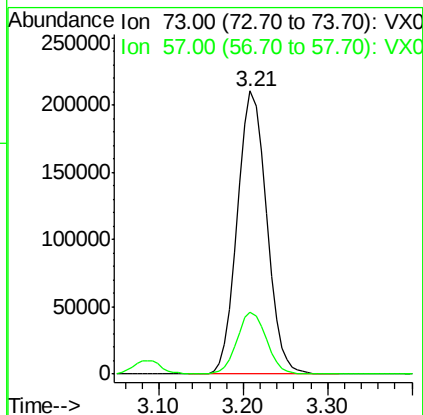
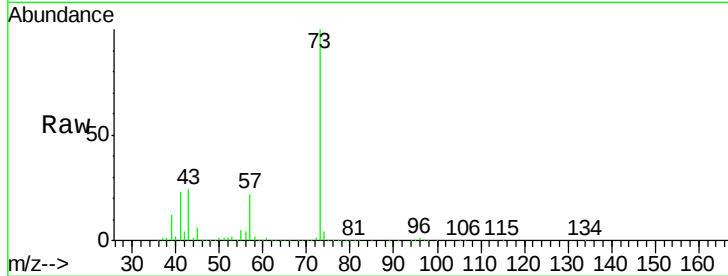




#19
Methyl tert-butyl Ether
Concen: 55.42 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

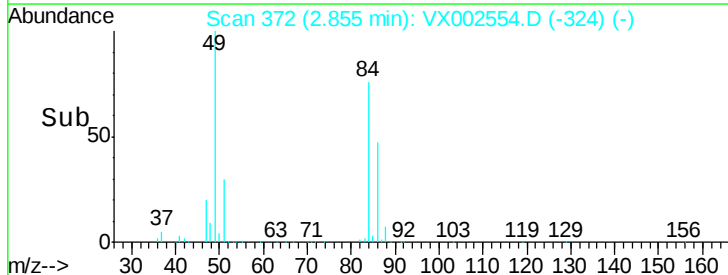
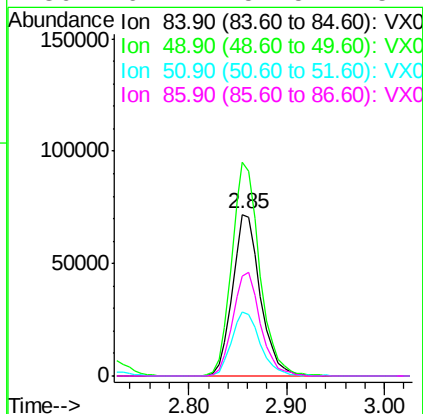
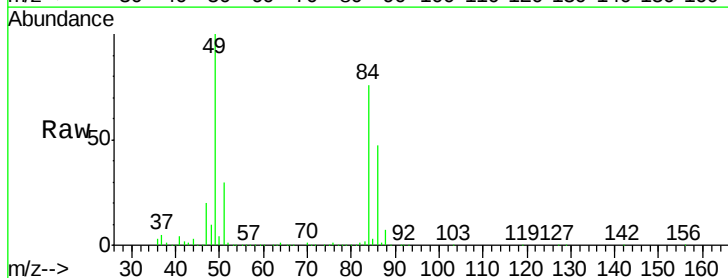
Instrument :
MSVOA_X
ClientSampleId :

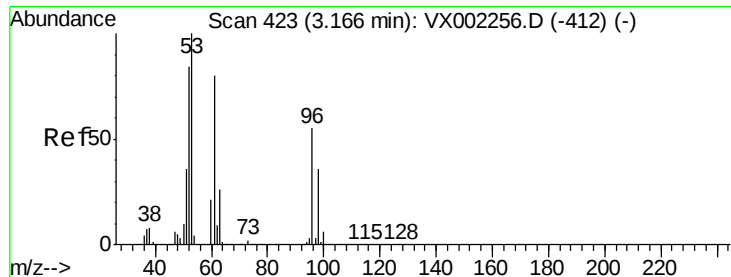
Tot Ion: 73 Resp: 494114
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 52.04 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 84 Resp: 141871
Ion Ratio Lower Upper
84 100
49 132.2 107.8 161.6
51 39.7 32.8 49.2
86 62.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.74 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

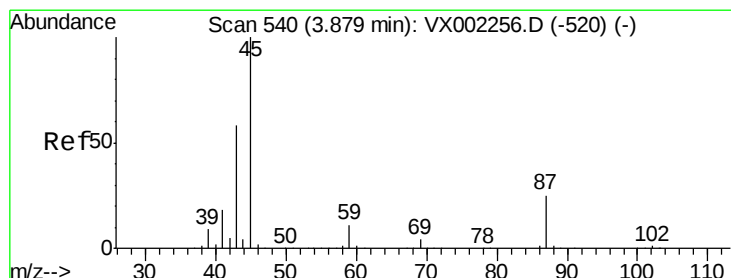
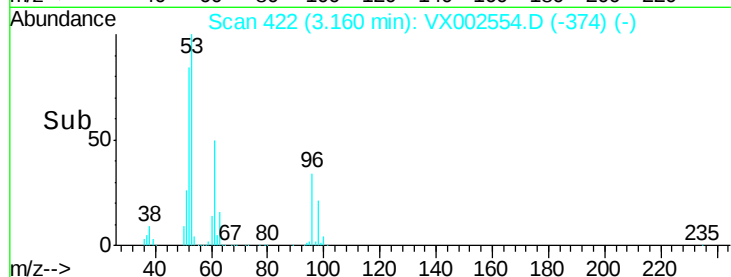
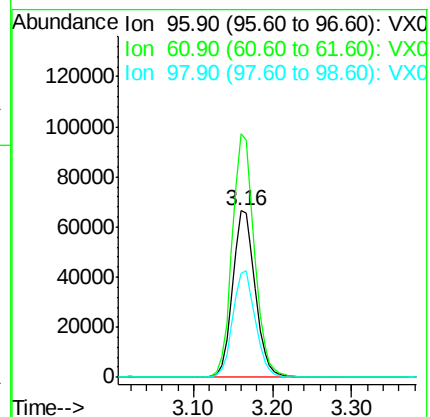
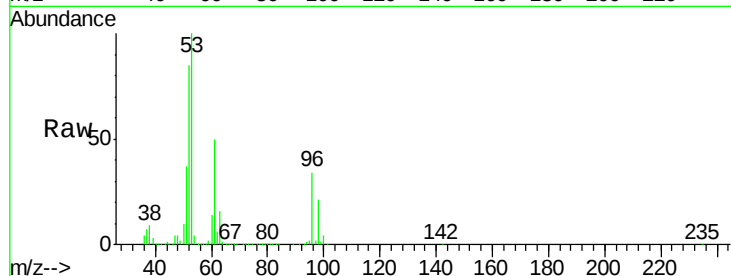
Tot Ion: 96 Resp: 132584

Ion Ratio Lower Upper

96 100

61 146.2 117.0 175.4

98 62.7 52.4 78.6



#22

Diisopropyl ether

Concen: 50.57 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Tgt Ion: 45 Resp: 471479

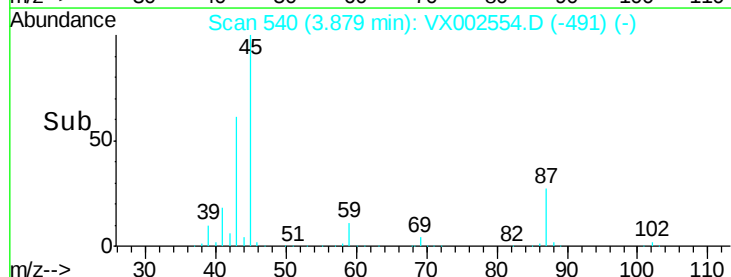
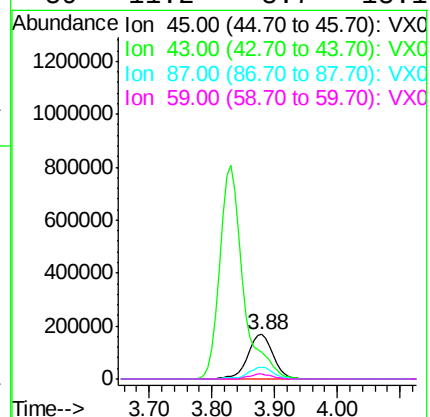
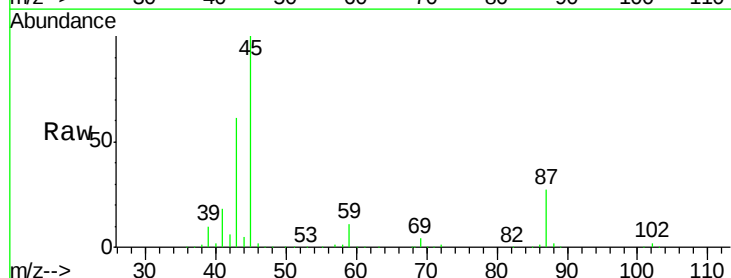
Ion Ratio Lower Upper

45 100

43 60.7 46.8 70.2

87 26.8 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 230.40 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

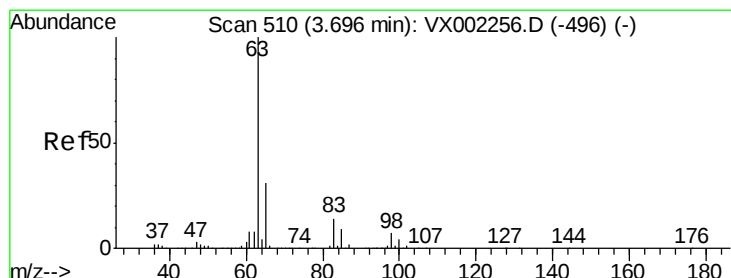
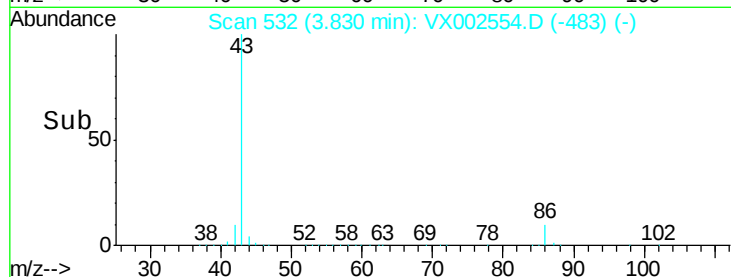
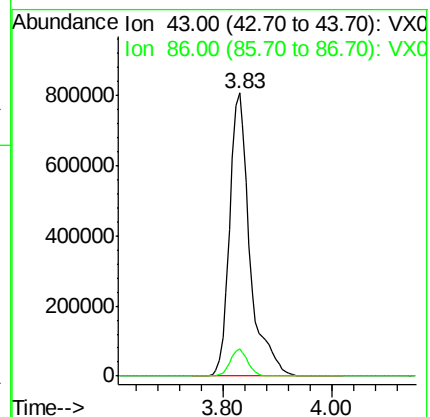
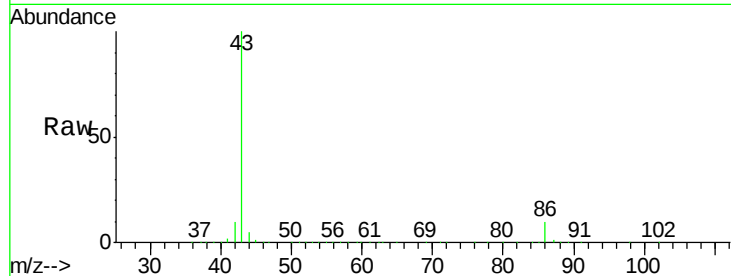
ClientSampleId :

Tot Ion: 43 Resp: 2085072

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0



#24

1,1-Dichloroethane

Concen: 43.95 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

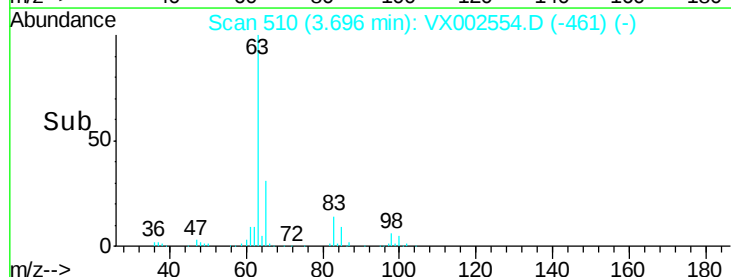
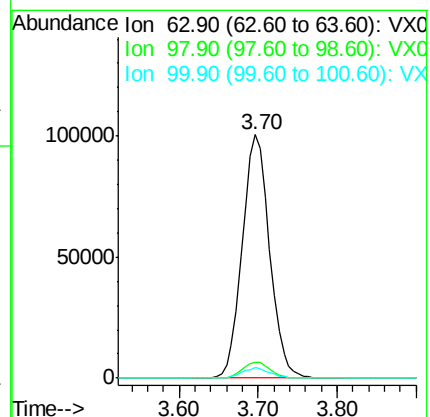
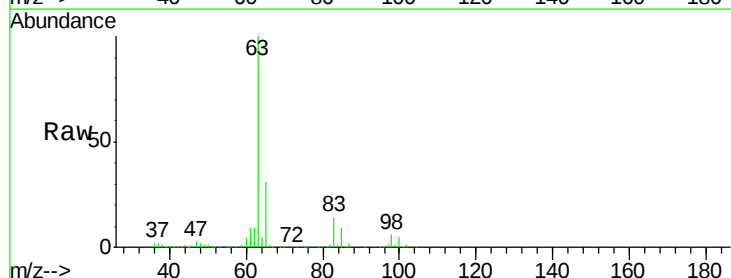
Tgt Ion: 63 Resp: 242499

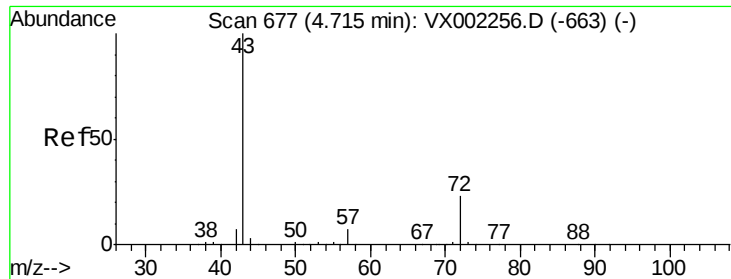
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.6 2.0 6.0





#25

2-Butanone

Concen: 376.45 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

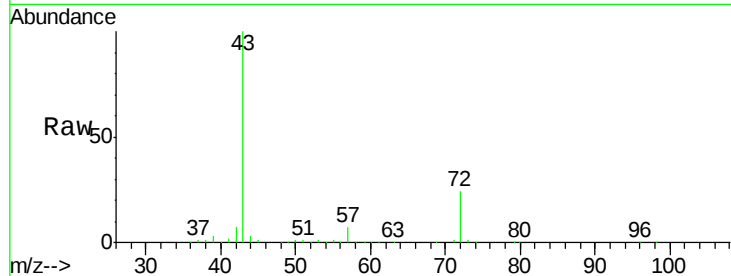
ClientSampled :

Tot Ion: 43 Resp: 891895

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

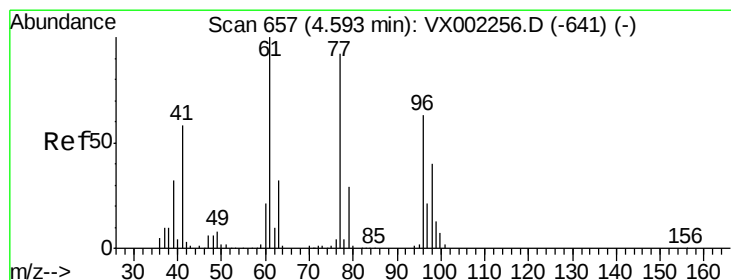
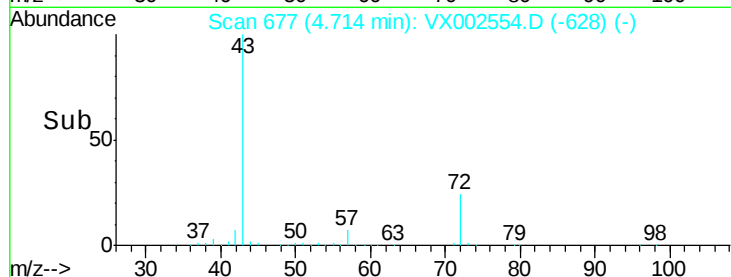
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 42.32 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002554.D

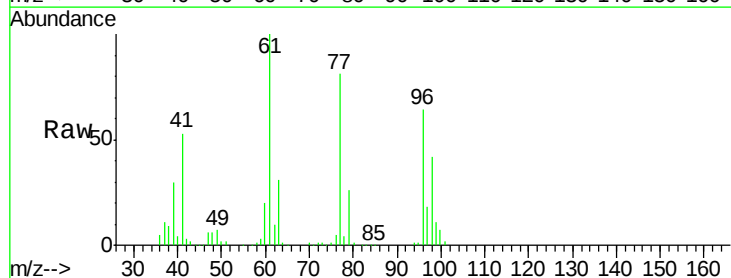
Acq: 14 Jun 2018 16:19

Tgt Ion: 77 Resp: 182545

Ion Ratio Lower Upper

77 100

97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

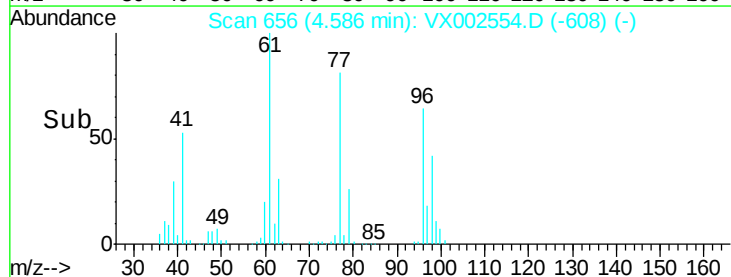
60000

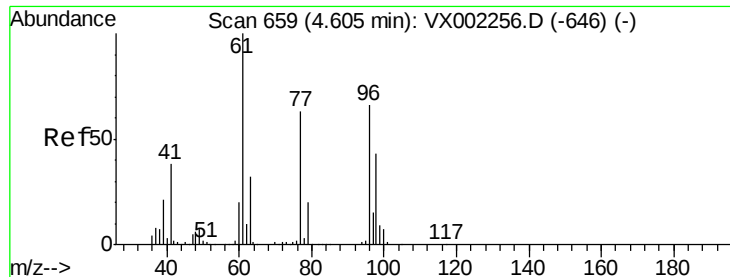
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 57.61 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :

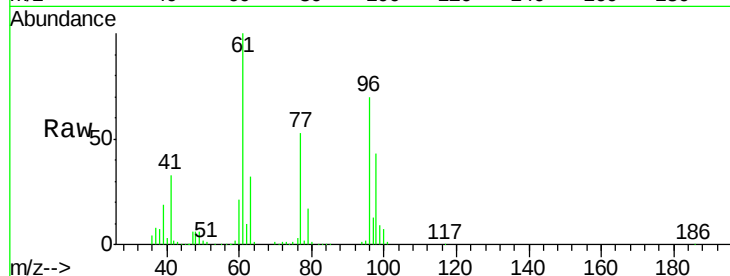
Tot Ion: 96 Resp: 177717

Ion Ratio Lower Upper

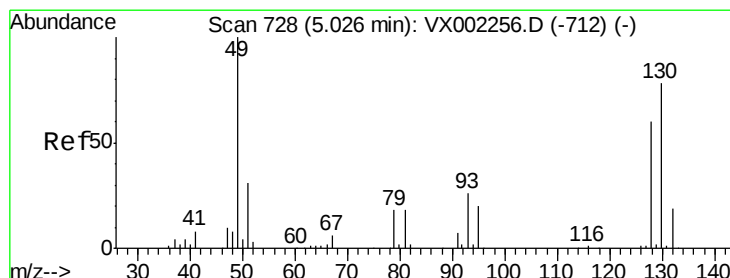
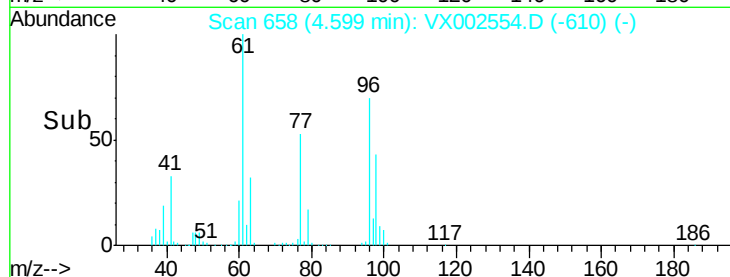
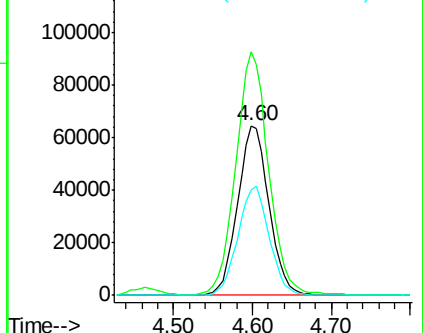
96 100

61 150.7 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: 52.40 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

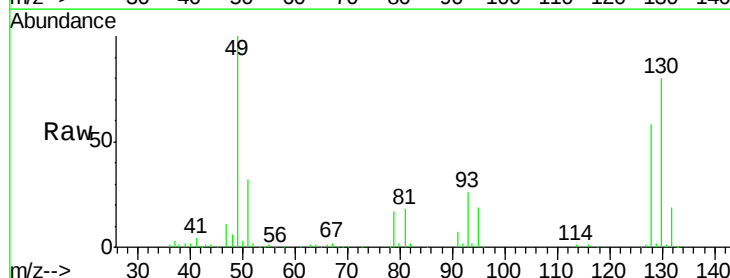
Tgt Ion: 49 Resp: 122568

Ion Ratio Lower Upper

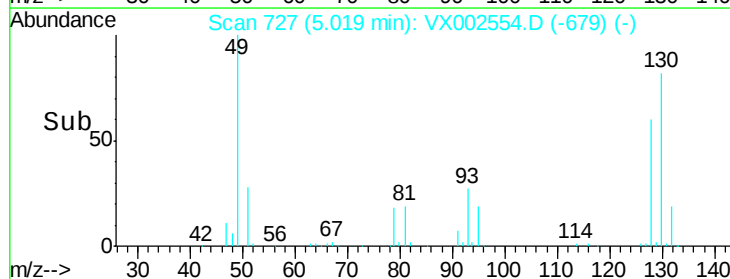
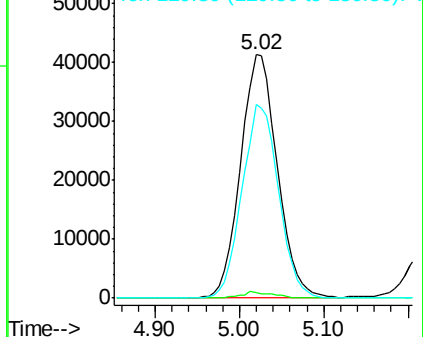
49 100

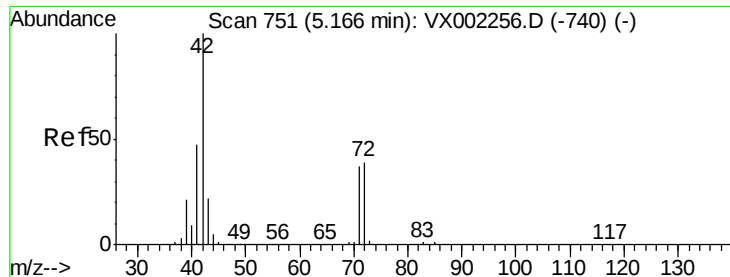
129 2.3 0.0 4.2

130 79.0 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

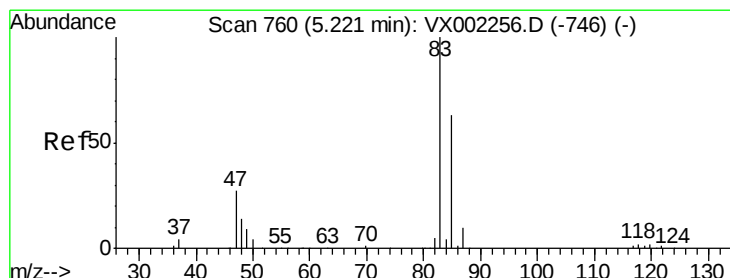
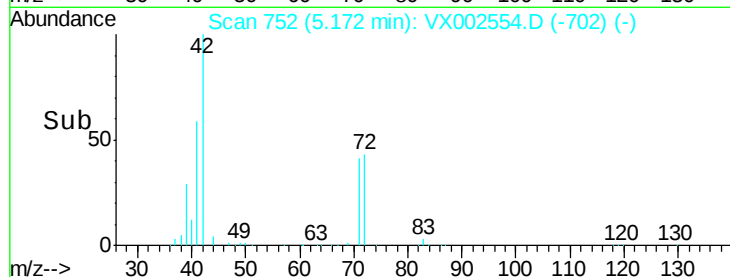
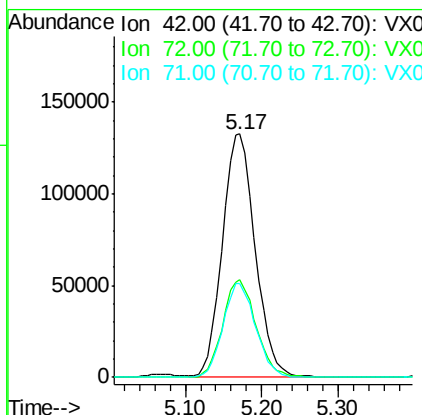
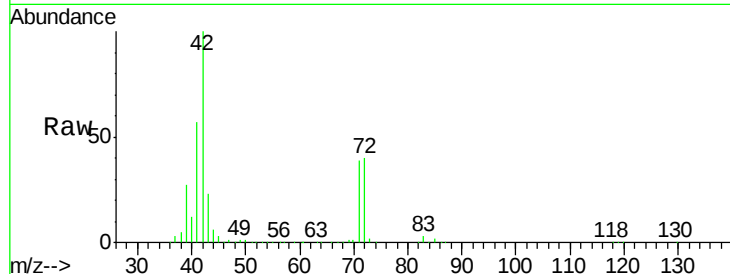




#29
Tetrahydrofuran
Concen: 257.28 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

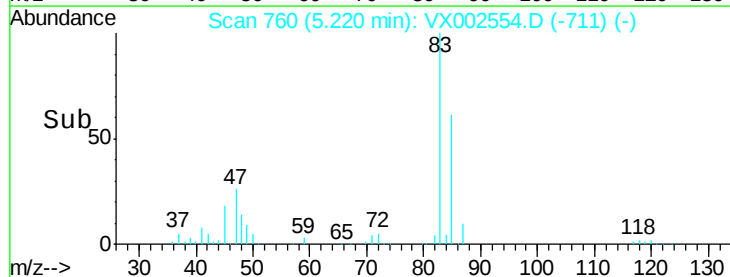
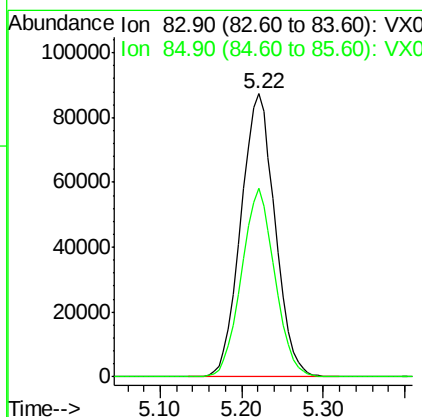
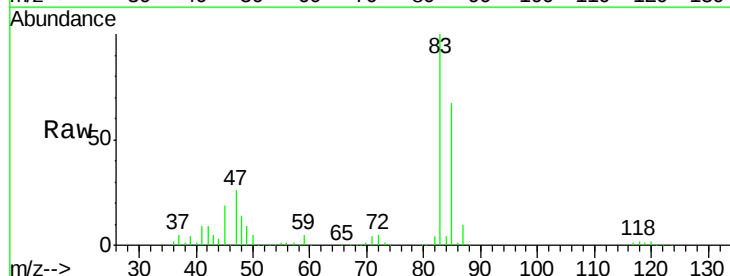
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.0	48.0
71	38.4	30.1	45.1



#30
Chloroform
Concen: 47.78 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.4	75.6





#31

Cyclohexane

Concen: 44.65 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampled :

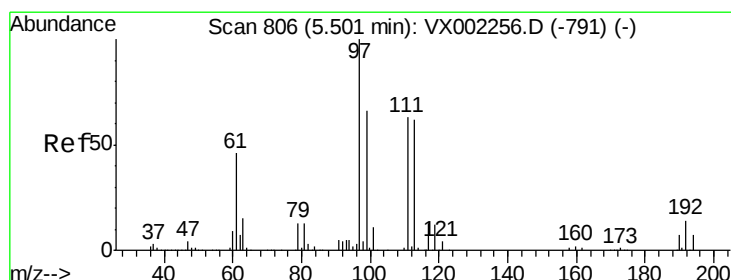
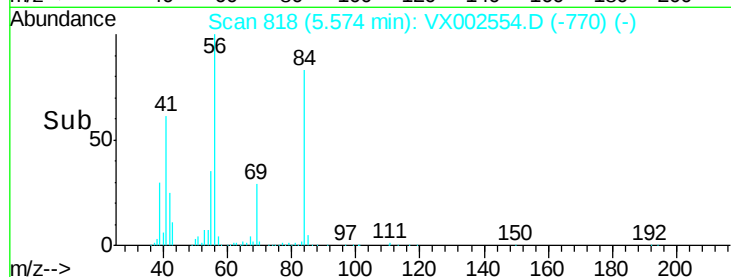
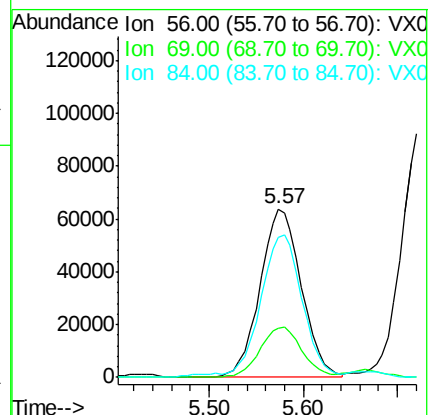
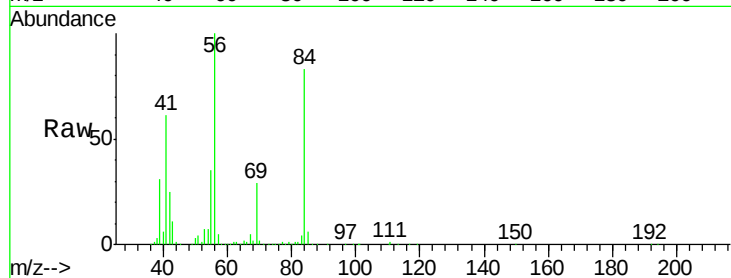
Tot Ion: 56 Resp: 194821

Ion Ratio Lower Upper

56 100

69 29.1 23.7 35.5

84 81.2 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 49.06 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

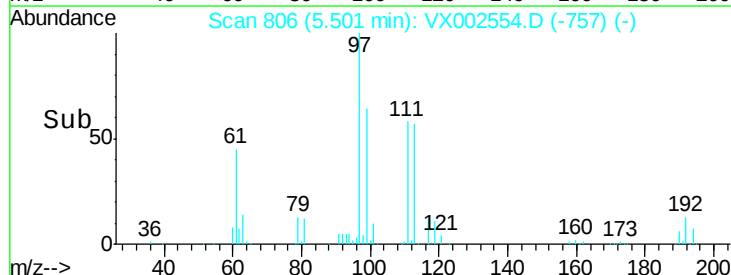
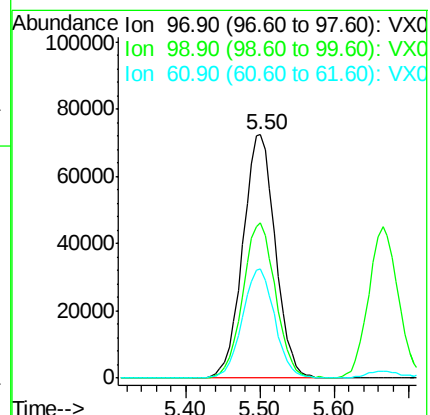
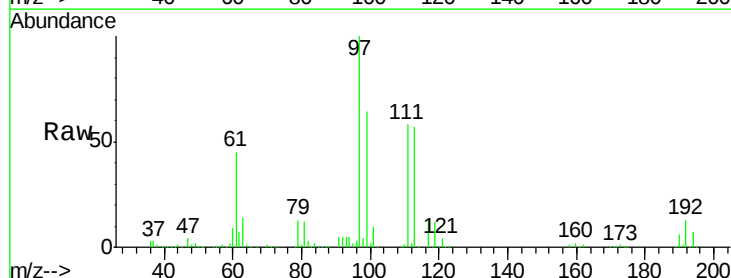
Tgt Ion: 97 Resp: 221503

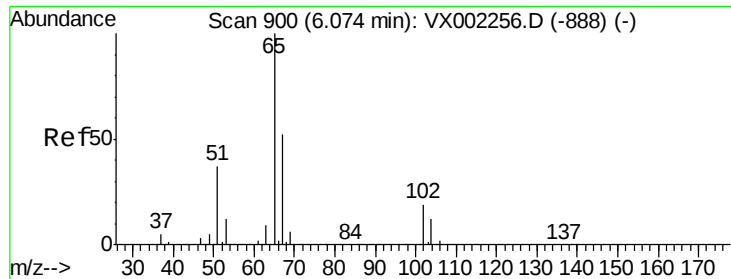
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 45.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.12 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

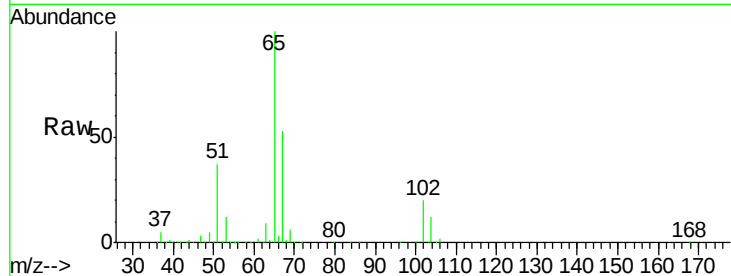
ClientSampleId :

Tot Ion: 65 Resp: 157068

Ion Ratio Lower Upper

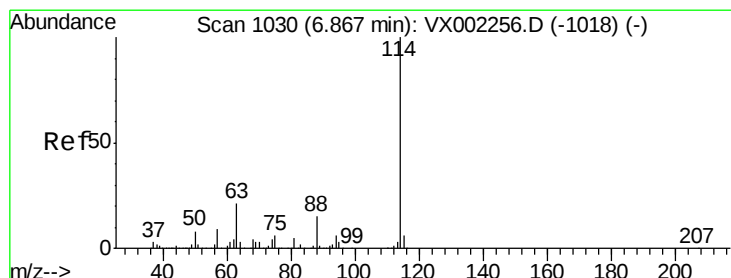
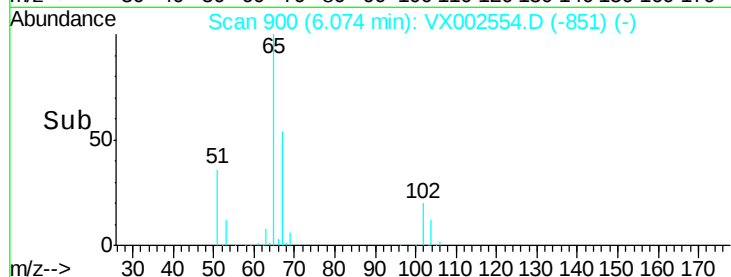
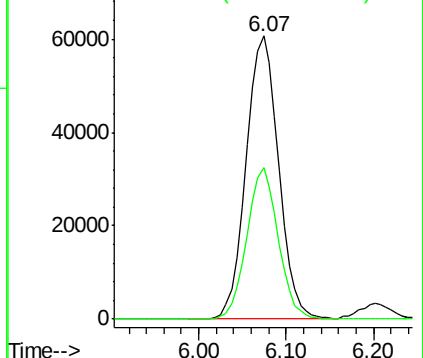
65 100

67 51.7 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: VX002554.D

Acq: 14 Jun 2018 16:19

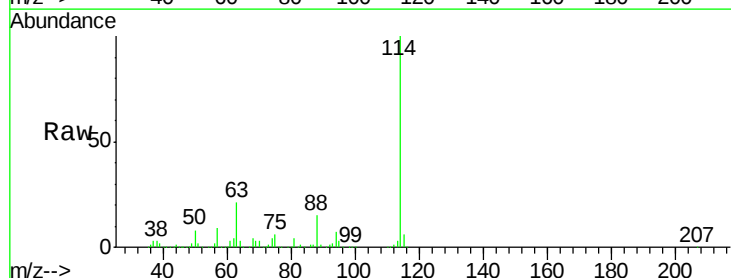
Tgt Ion: 114 Resp: 350412

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

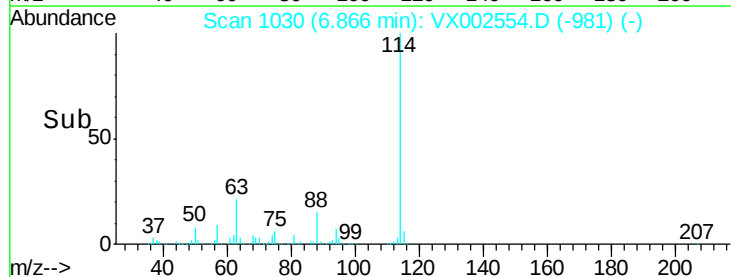
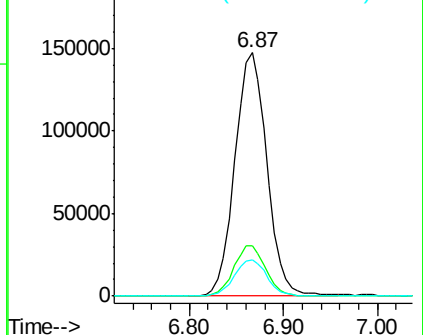
88 15.0 0.0 30.0

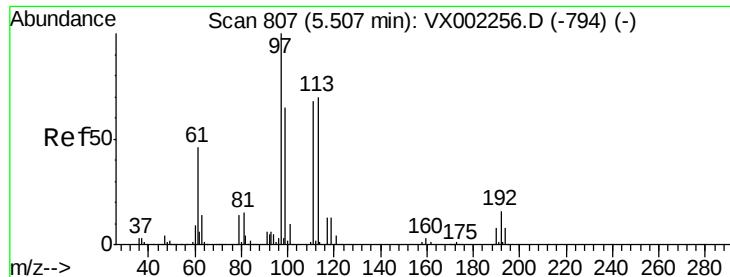


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.59 ug/l

RT: 5.51 min Scan# 807

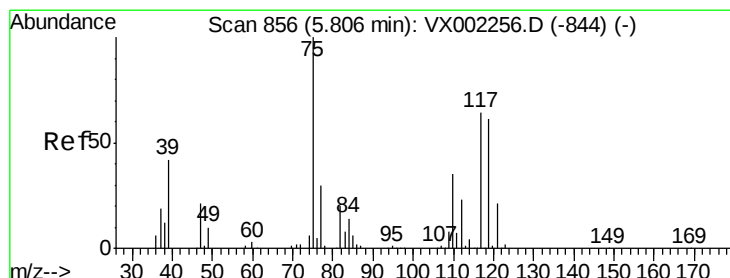
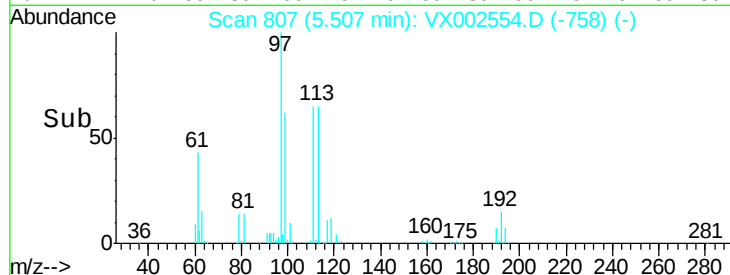
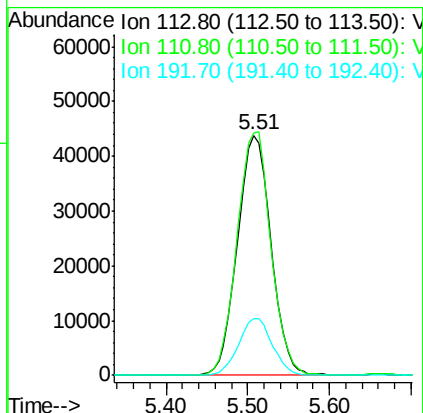
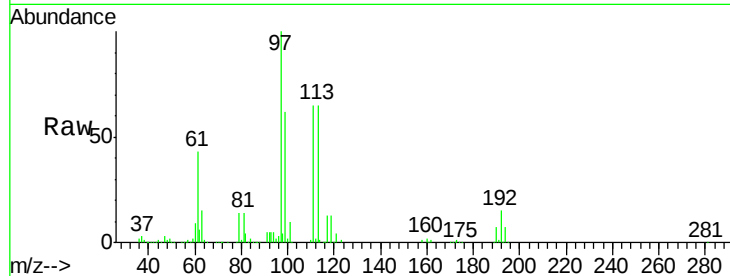
Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 125641
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 23.8 19.1 28.7



#36

1,1-Dichloropropene

Concen: 48.74 ug/l

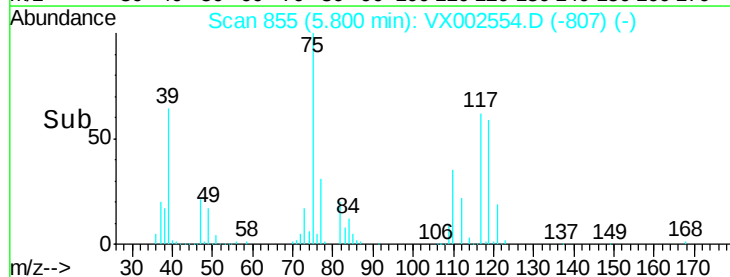
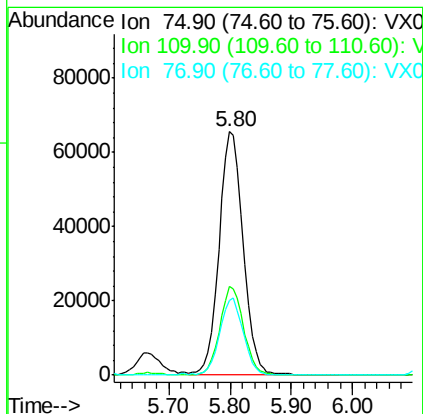
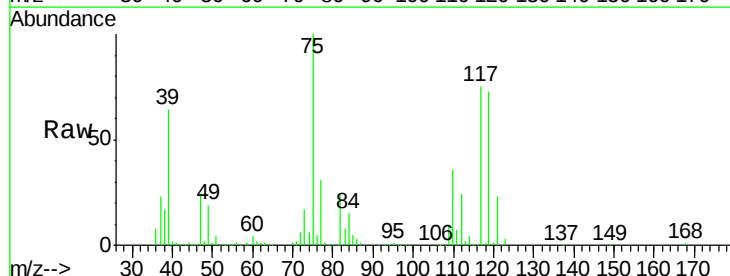
RT: 5.80 min Scan# 855

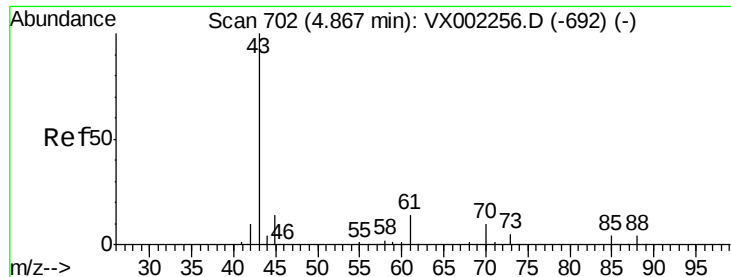
Delta R.T. -0.01 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Tgt Ion: 75 Resp: 179540
Ion Ratio Lower Upper
75 100
110 35.9 18.1 54.4
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 52.00 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

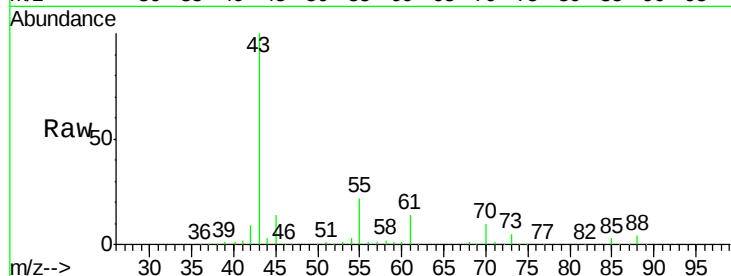
Tot Ion: 43 Resp: 230378

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

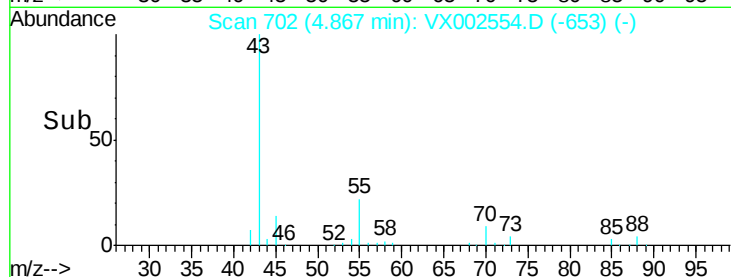
70 9.5 7.6 11.4



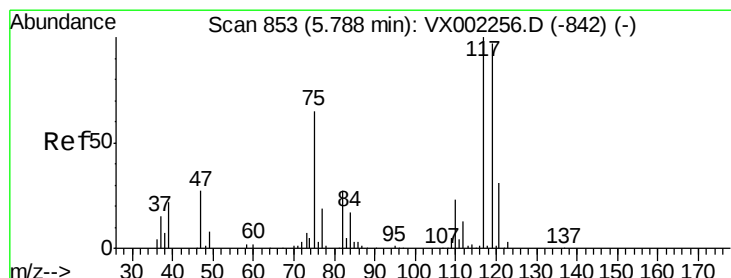
Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

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

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



Time-->



#38

Carbon Tetrachloride

Concen: 49.83 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

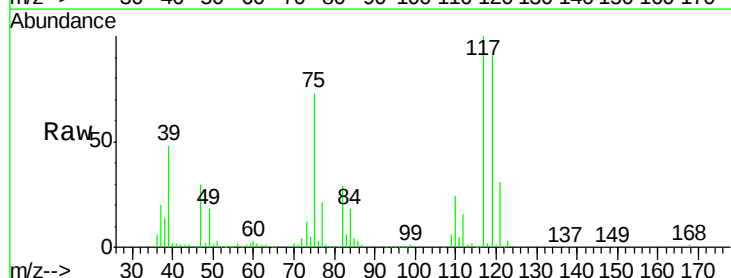
Tgt Ion: 117 Resp: 192056

Ion Ratio Lower Upper

117 100

119 91.1 77.4 116.0

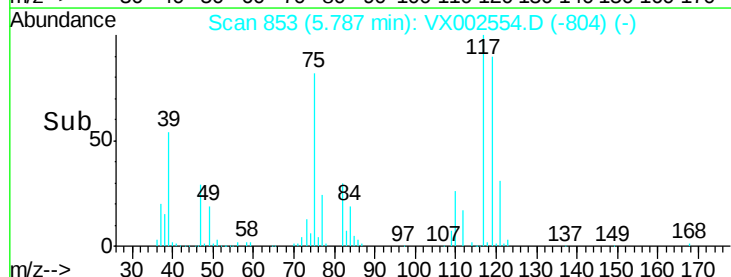
121 30.6 24.4 36.6



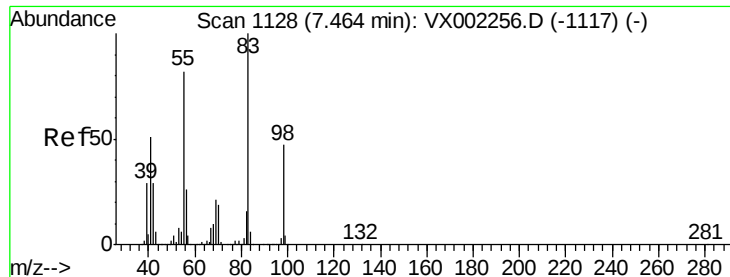
Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

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

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



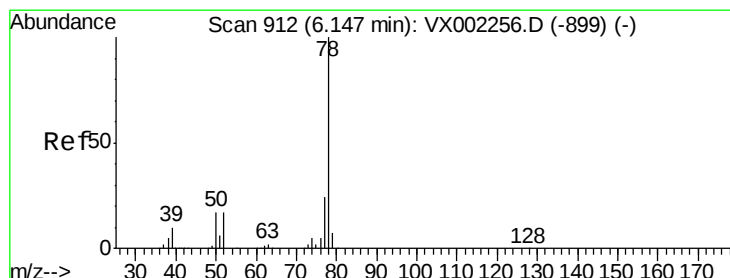
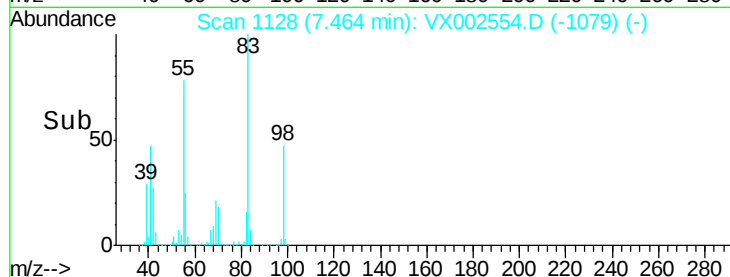
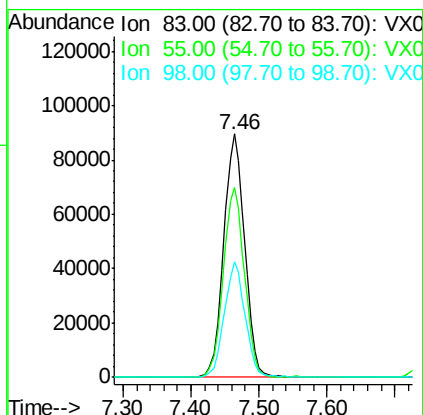
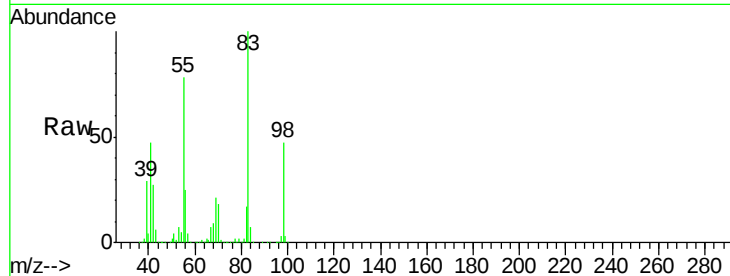
Time-->



#39
Methvlcvclohexane
Concen: 42.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

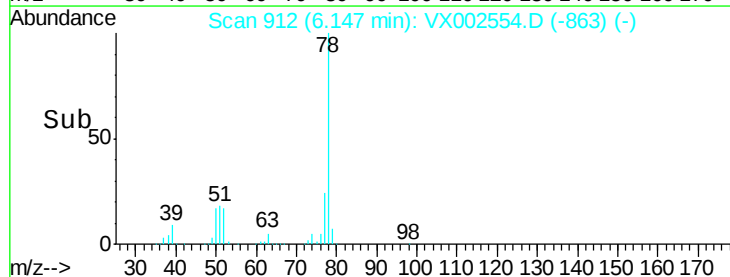
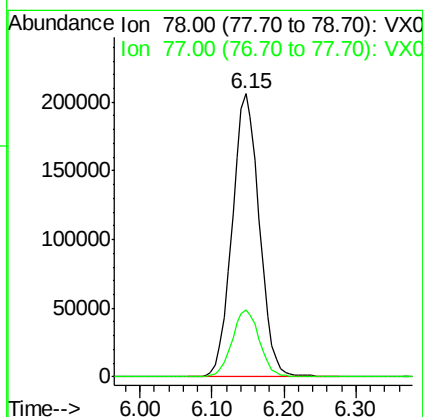
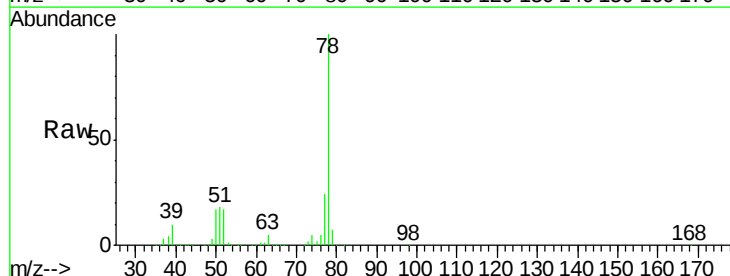
Instrument :
MSVOA_X
ClientSampled :

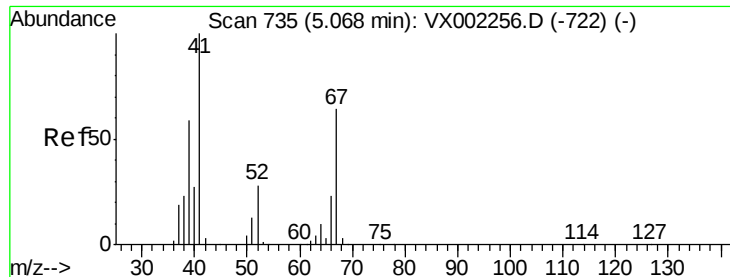
Tot Ion: 83 Resp: 191646
Ion Ratio Lower Upper
83 100
55 77.7 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 47.67 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 78 Resp: 538435
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

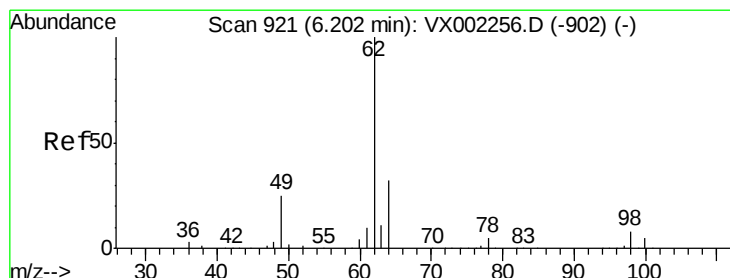
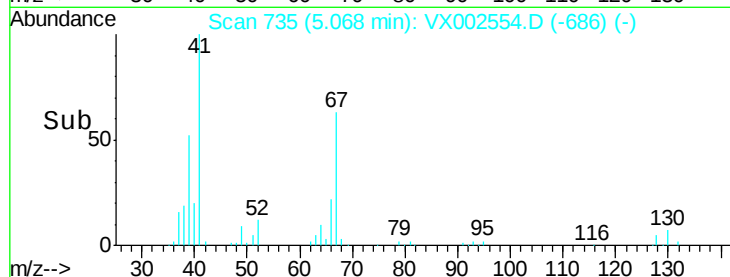
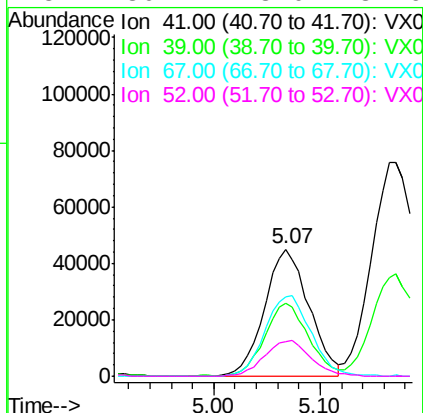
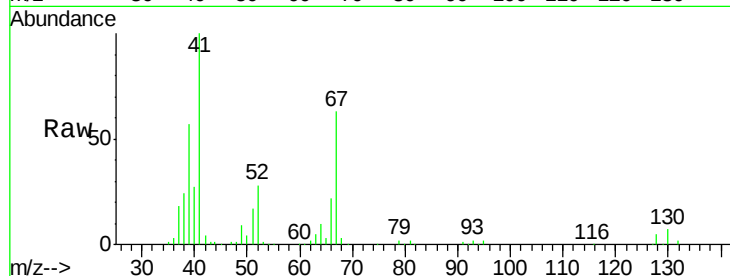




#41
Methacrylonitrile
Concen: 51.22 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

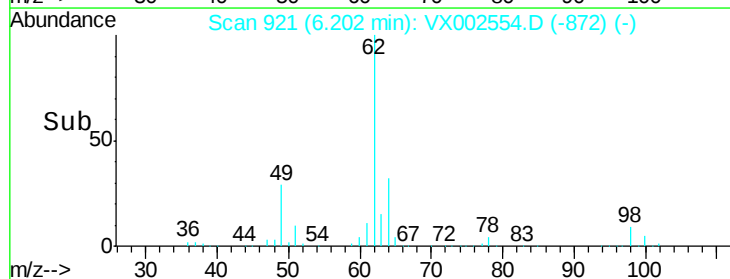
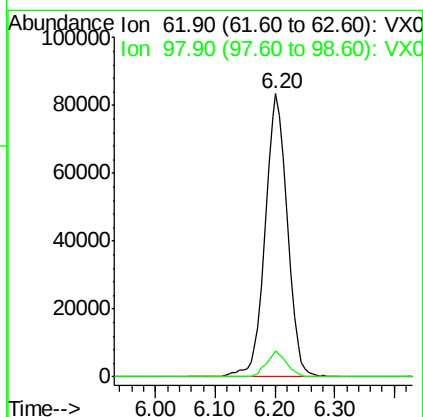
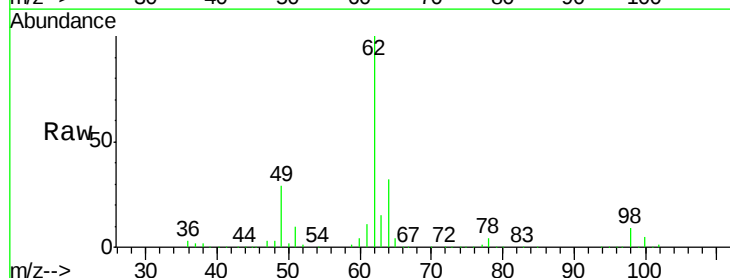
Instrument :
MSVOA_X
ClientSampled :

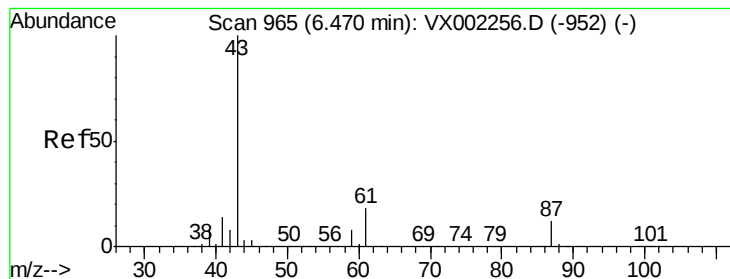
Tot Ion:	41	Resp:	129902
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.8	68.6
67	66.2	51.3	76.9
52	30.1	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.15 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion:	62	Resp:	216096
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 50.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

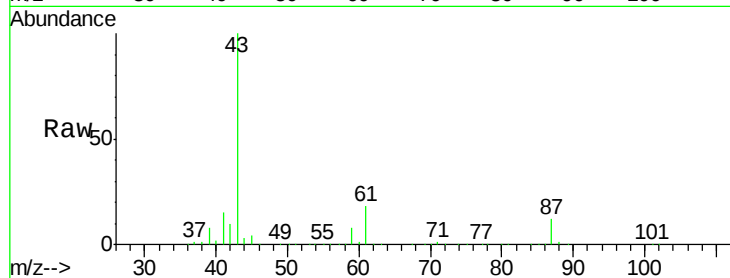
Tot Ion: 43 Resp: 382627

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

87 12.0 9.5 14.3



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

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

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

6.47

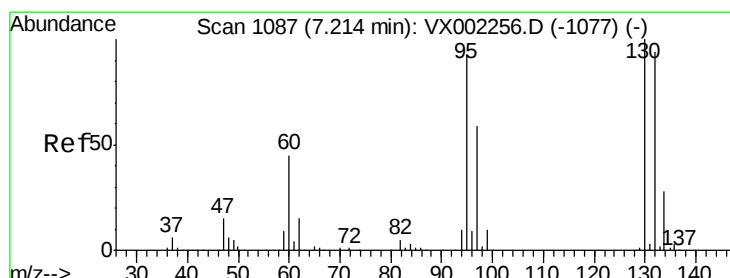
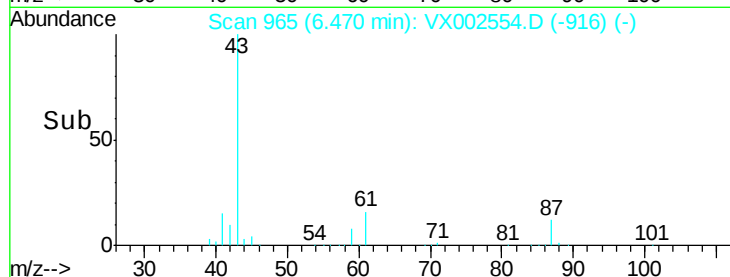
150000

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 52.40 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002554.D

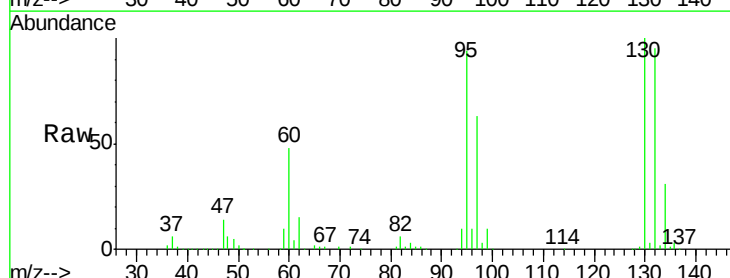
Acq: 14 Jun 2018 16:19

Tgt Ion:130 Resp: 164252

Ion Ratio Lower Upper

130 100

95 94.5 0.0 185.4



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

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

7.21

80000

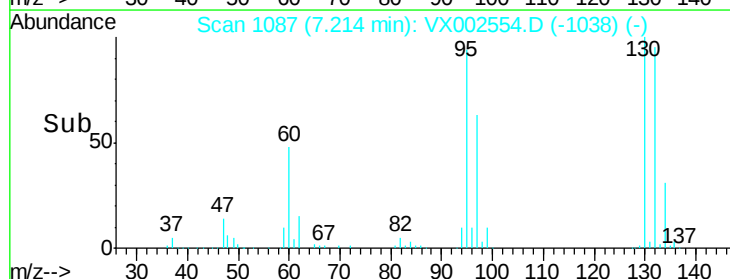
60000

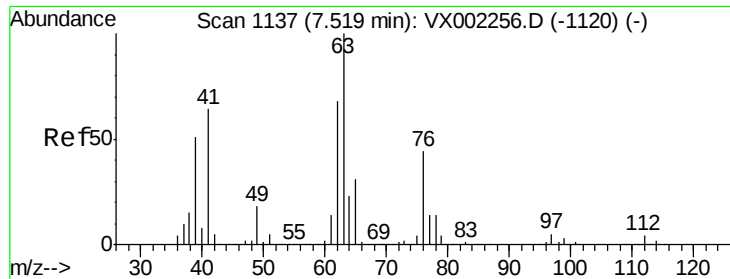
40000

20000

0

Time-->

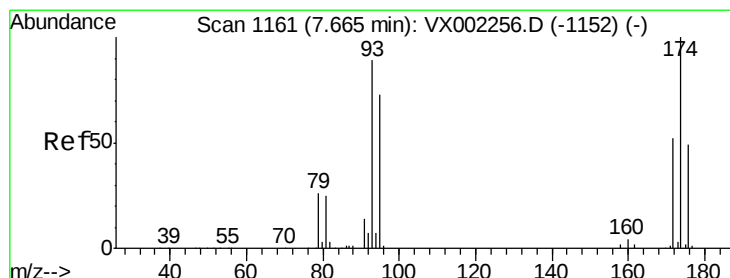
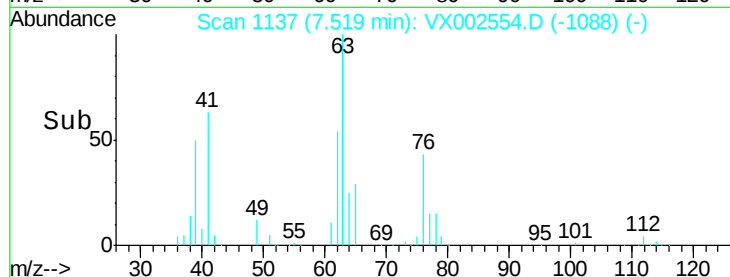
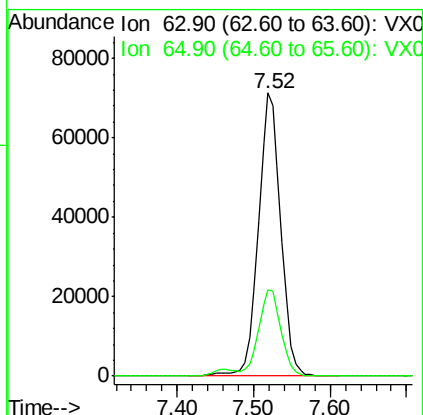
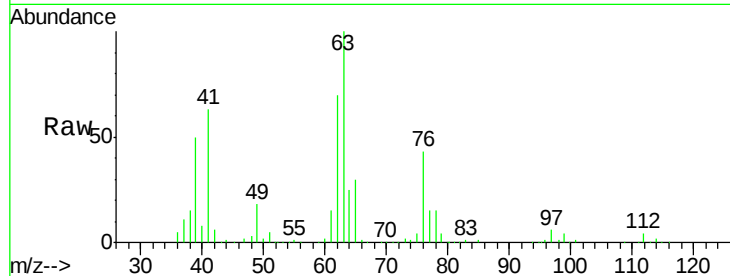




#45
 1,2-Dichloropropane
 Concen: 47.70 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

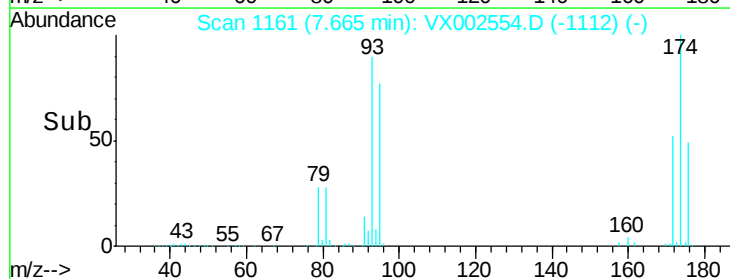
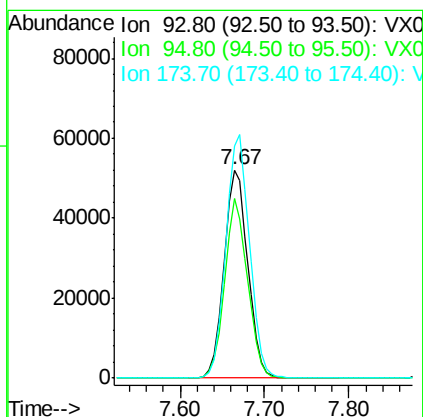
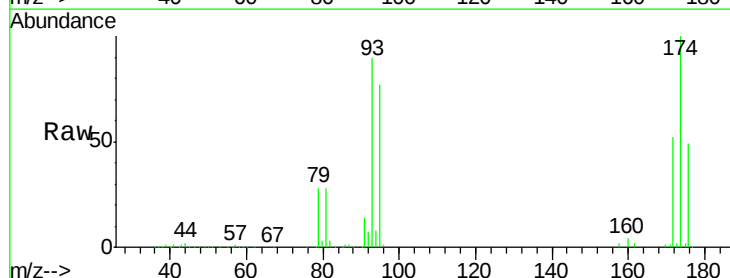
Instrument :
 MSVOA_X
 ClientSampleId :

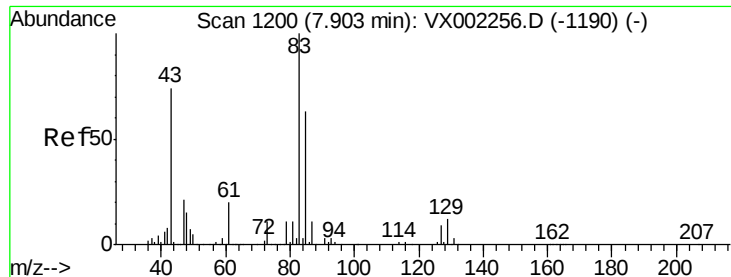
Tot Ion: 63 Resp: 145453
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 48.24 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

Tgt Ion: 93 Resp: 99728
 Ion Ratio Lower Upper
 93 100
 95 83.2 65.9 98.9
 174 116.0 92.4 138.6





#47

Bromodichloromethane

Concen: 49.60 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampled :

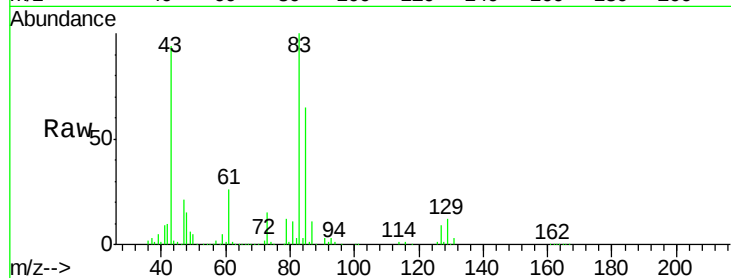
Tot Ion: 83 Resp: 185445

Ion Ratio Lower Upper

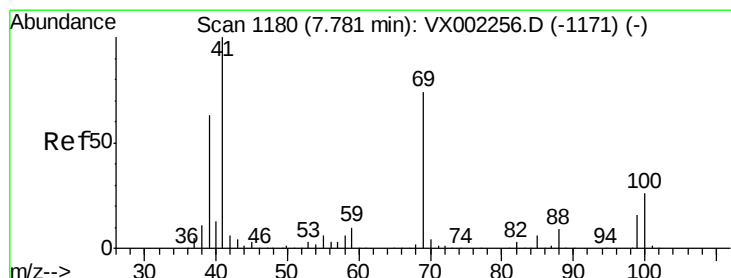
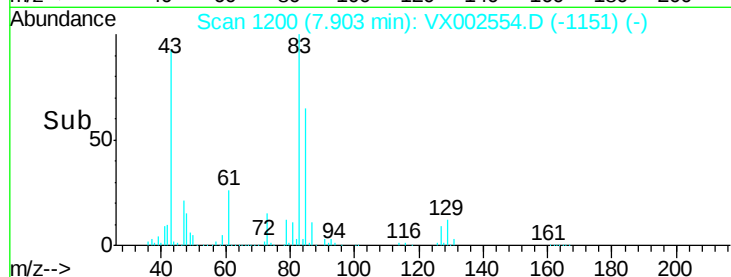
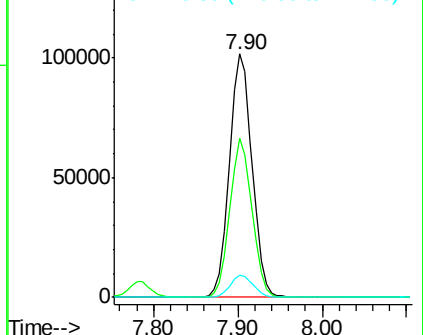
83 100

85 65.3 50.3 75.5

127 9.1 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: 52.50 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

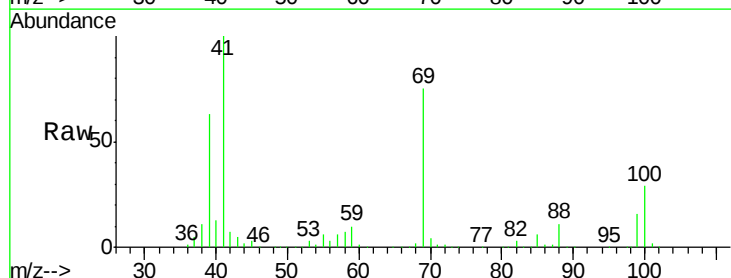
Tgt Ion: 41 Resp: 198440

Ion Ratio Lower Upper

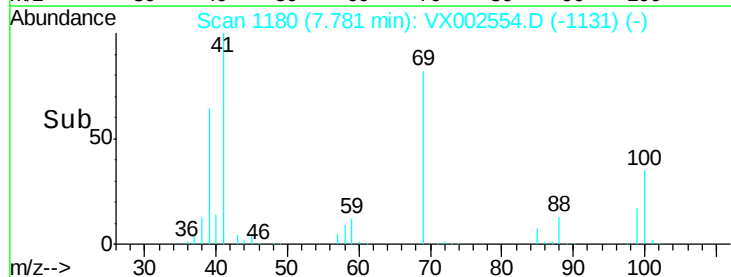
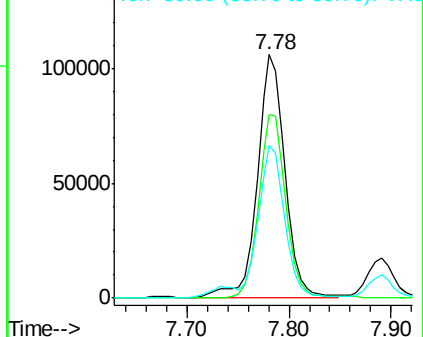
41 100

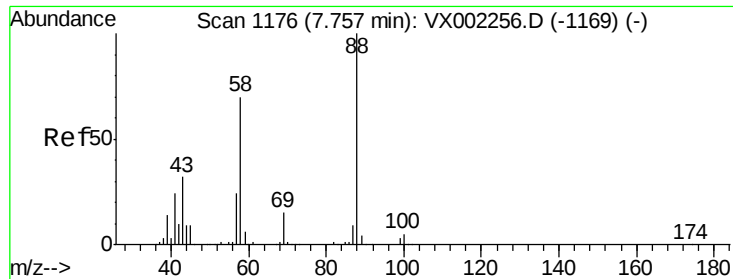
69 75.0 59.1 88.7

39 59.1 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

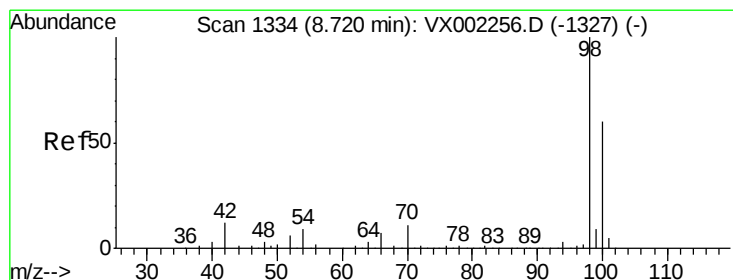
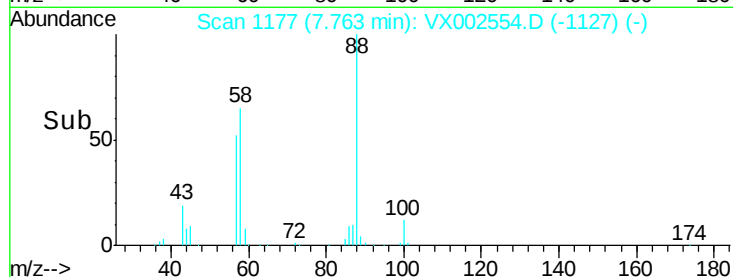
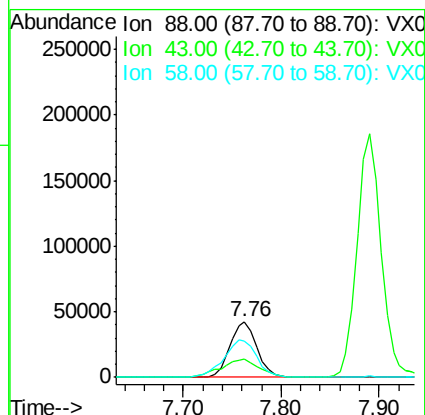
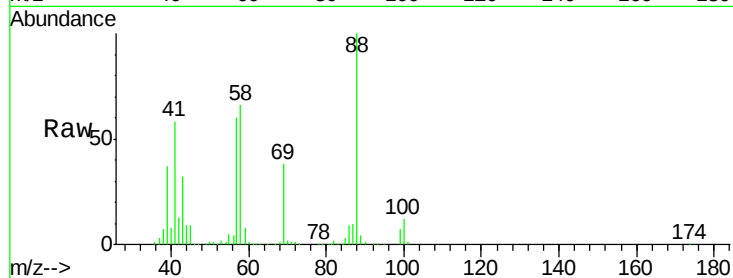




#49
1,4-Dioxane
Concen: 1139.65 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

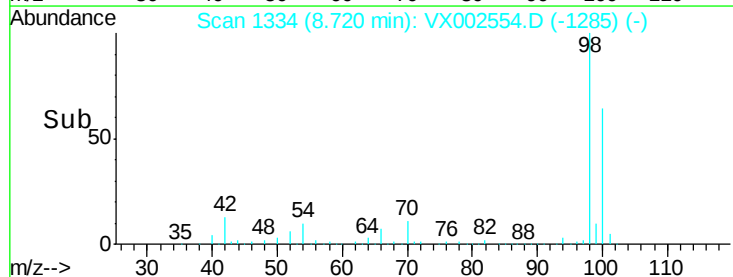
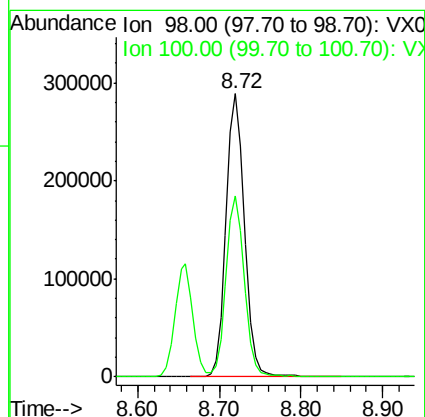
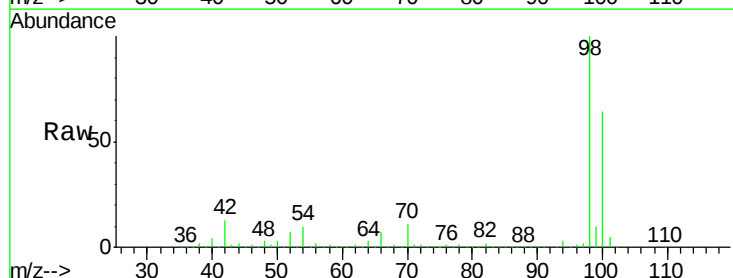
Instrument :
MSVOA_X
ClientSampleId :

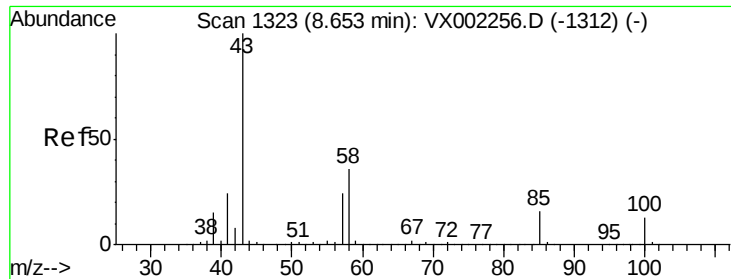
Tot Ion: 88 Resp: 80542
Ion Ratio Lower Upper
88 100
43 45.0 29.8 44.6#
58 82.4 57.1 85.7



#50
Toluene-d8
Concen: 42.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 98 Resp: 449958
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 276.88 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

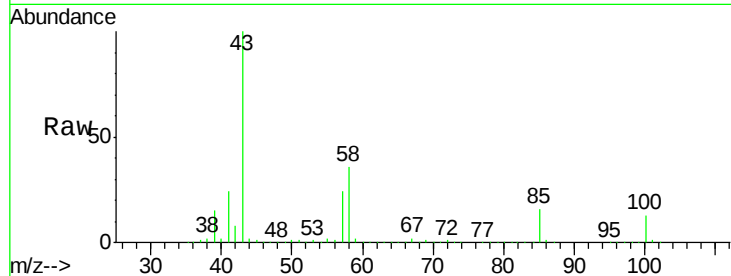
ClientSampleId :

Tot Ion: 43 Resp: 1297460

Ion Ratio Lower Upper

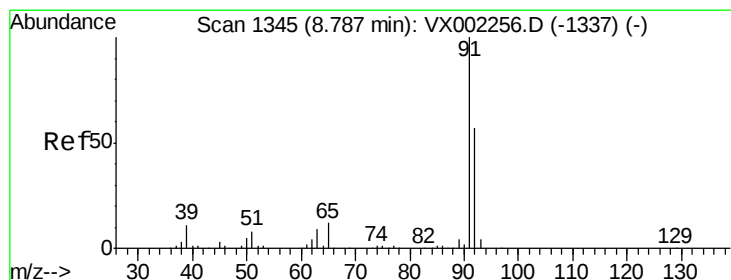
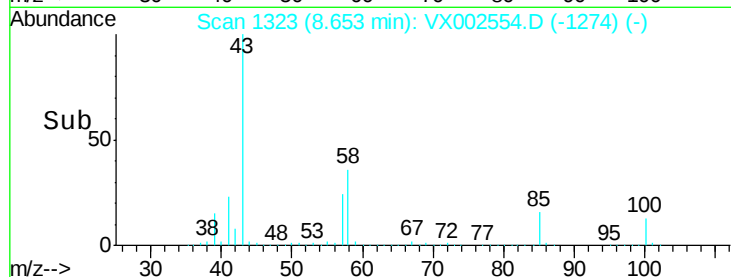
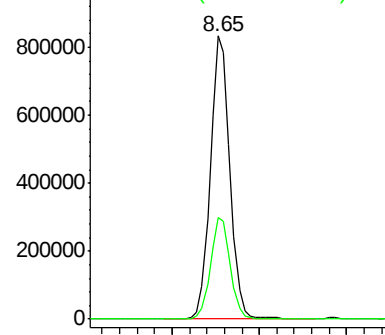
43 100

58 36.0 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: 47.96 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002554.D

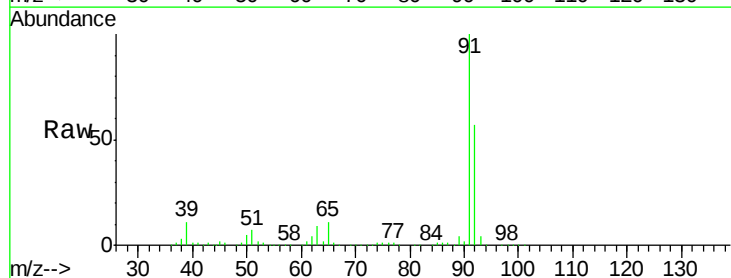
Acq: 14 Jun 2018 16:19

Tgt Ion: 92 Resp: 344555

Ion Ratio Lower Upper

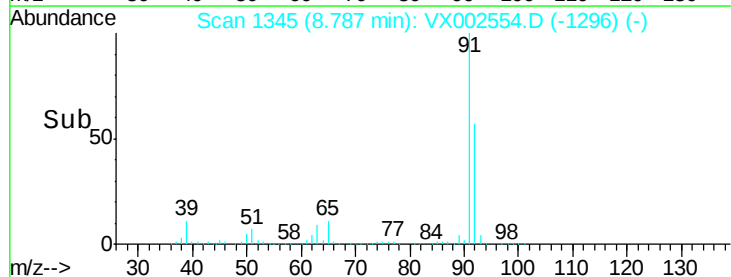
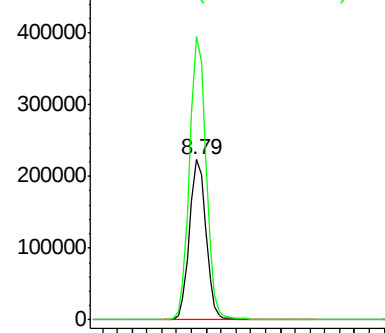
92 100

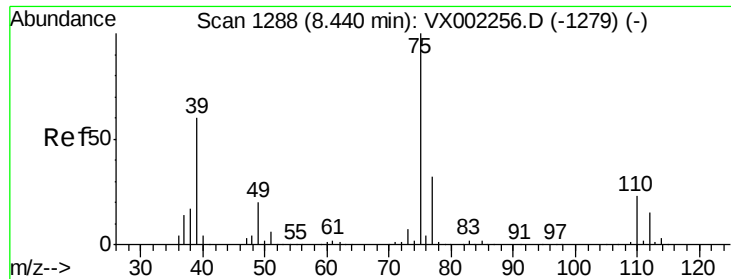
91 176.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

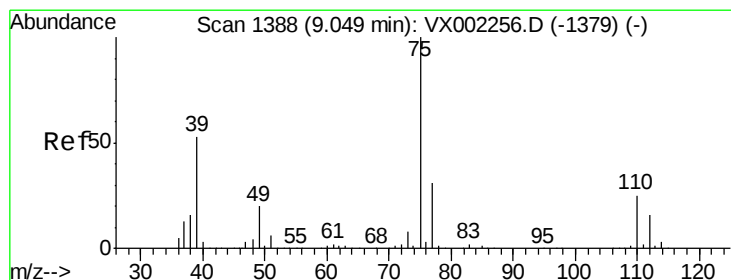
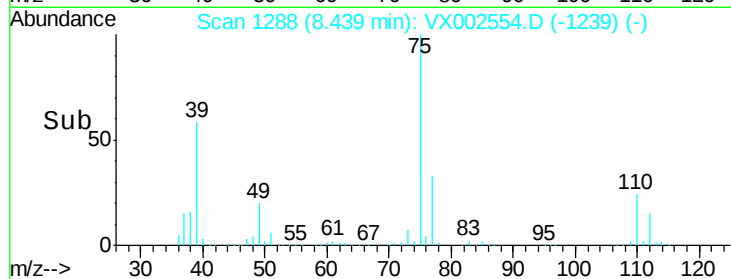
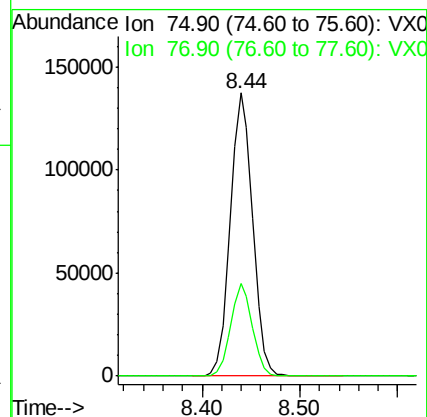
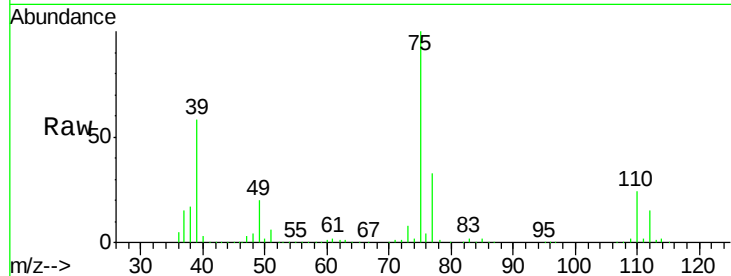




#53
 t-1,3-Dichloropropene
 Concen: 48.40 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

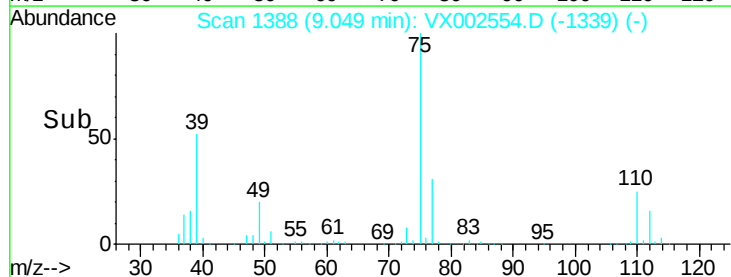
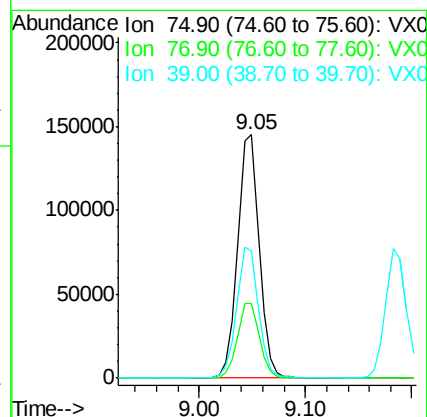
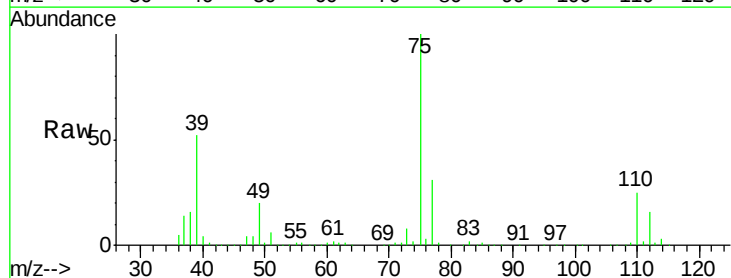
Instrument :
 MSVOA_X
 ClientSampleId :

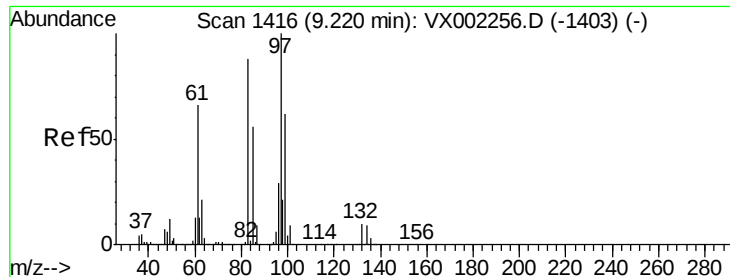
Tot Ion: 75 Resp: 217016
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 49.20 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

Tgt Ion: 75 Resp: 208101
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.8 37.2
 39 51.8 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 50.07 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 147949

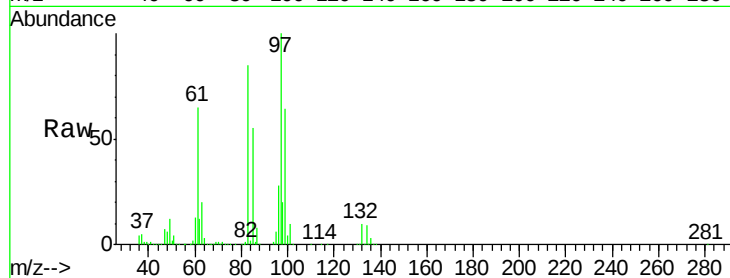
Ion Ratio Lower Upper

97 100

83 84.6 70.2 105.2

85 54.5 44.9 67.3

99 64.2 49.8 74.8

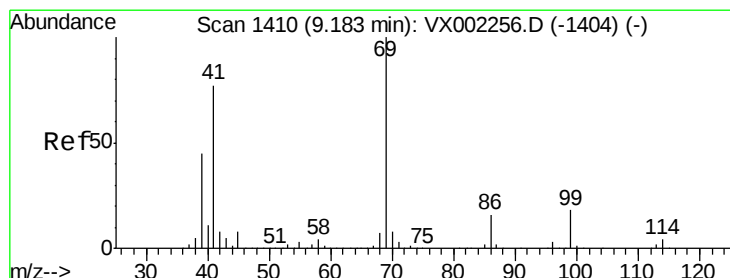
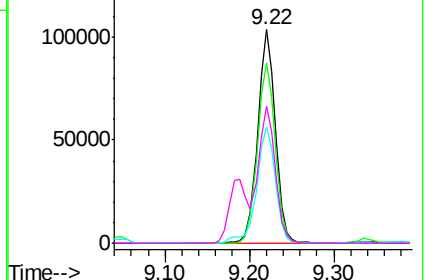
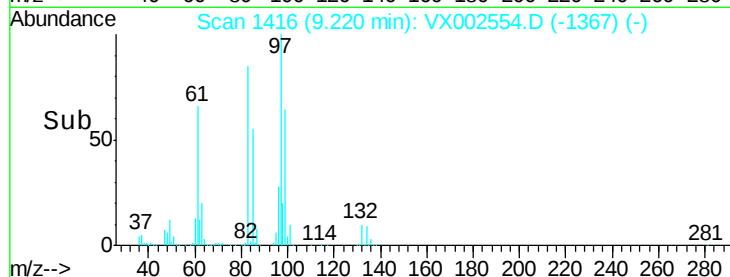


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.92 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

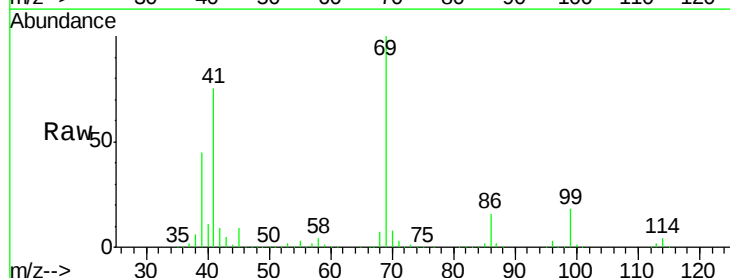
Tgt Ion: 69 Resp: 240199

Ion Ratio Lower Upper

69 100

41 73.7 60.3 90.5

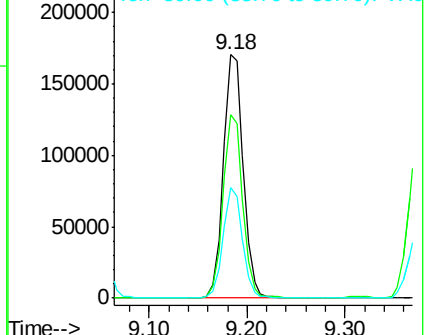
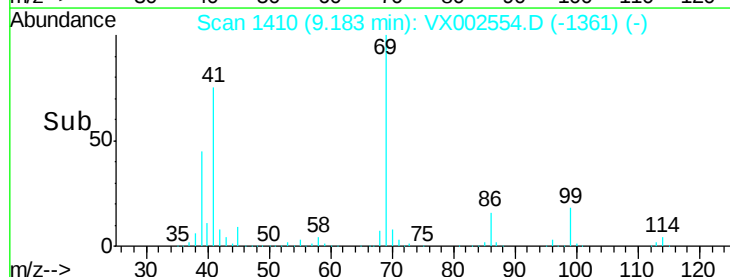
39 43.9 35.8 53.8



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: 48.89 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

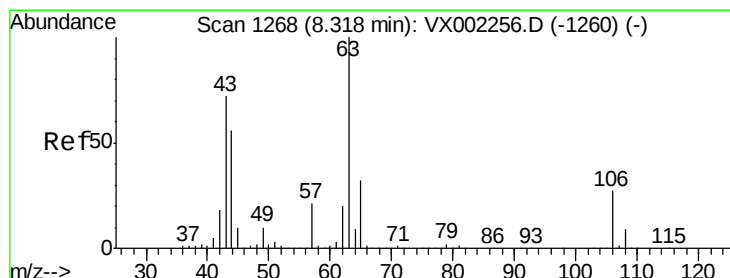
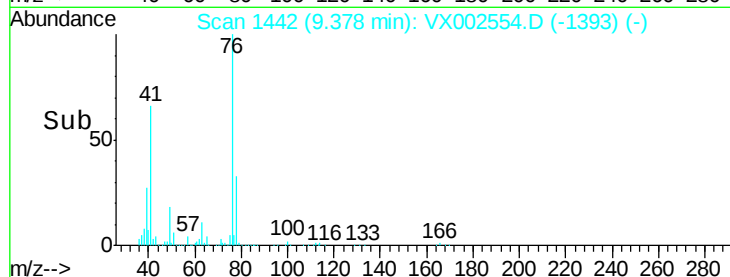
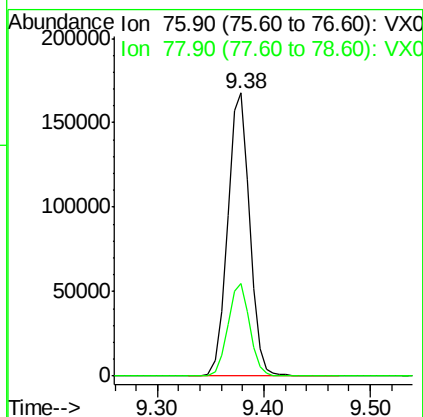
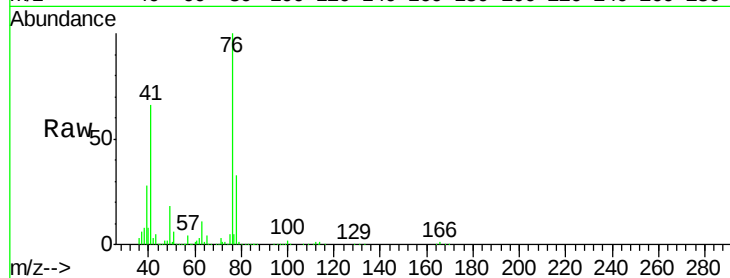
ClientSampleId :

Tot Ion: 76 Resp: 242361

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 0.31 ug/l

RT: 8.27 min Scan# 1260

Delta R.T. -0.05 min

Lab File: VX002554.D

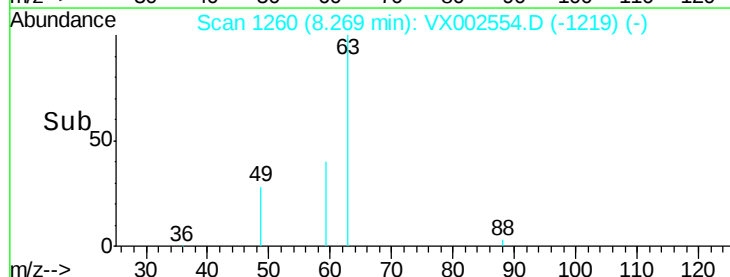
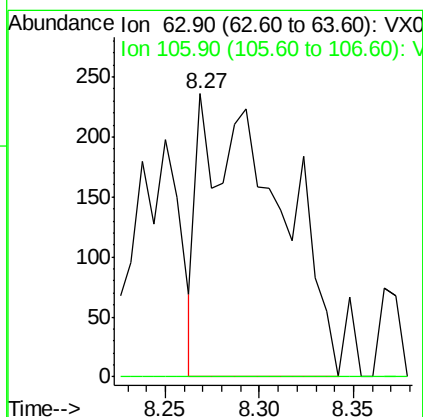
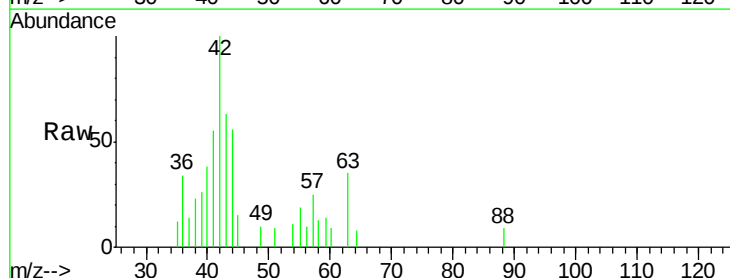
Acq: 14 Jun 2018 16:19

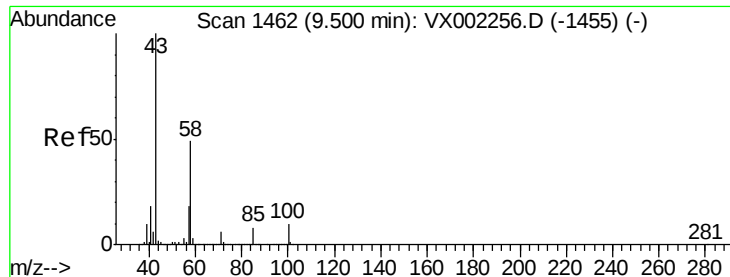
Tgt Ion: 63 Resp: 687

Ion Ratio Lower Upper

63 100

106 0.0 21.8 32.8#

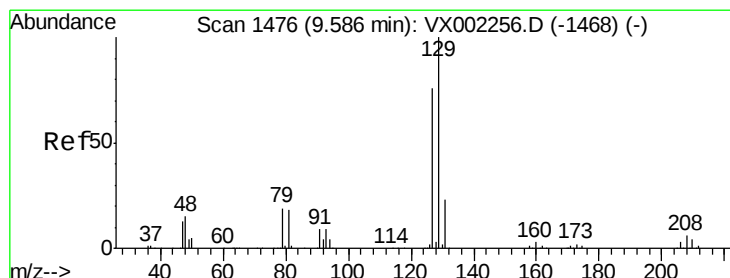
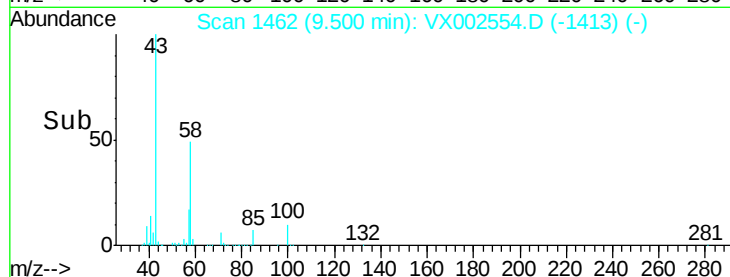
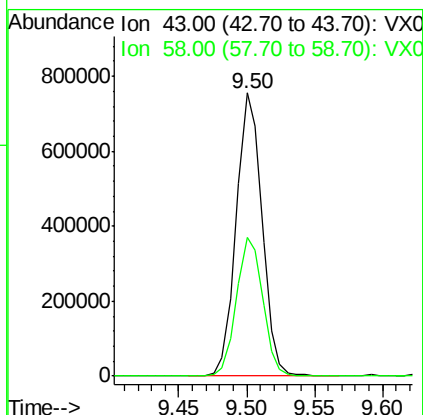
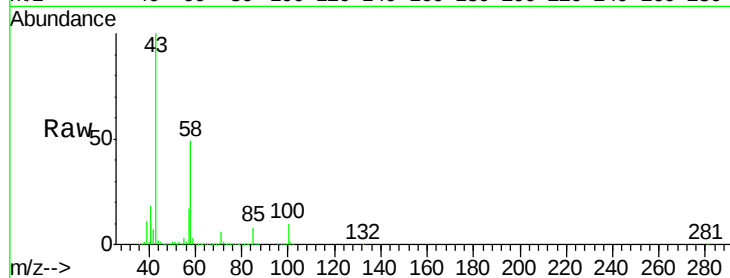




#59
2-Hexanone
Concen: 276.34 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

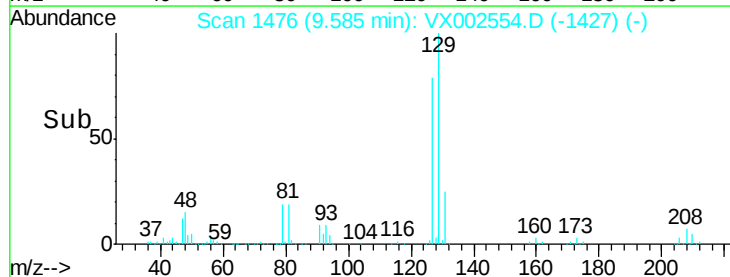
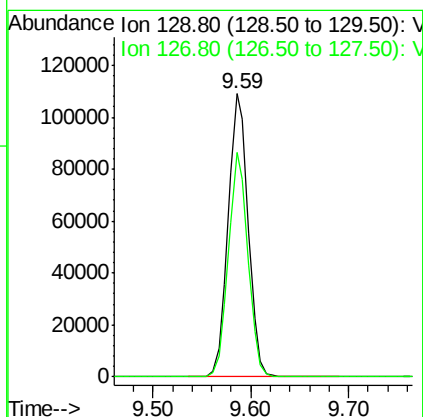
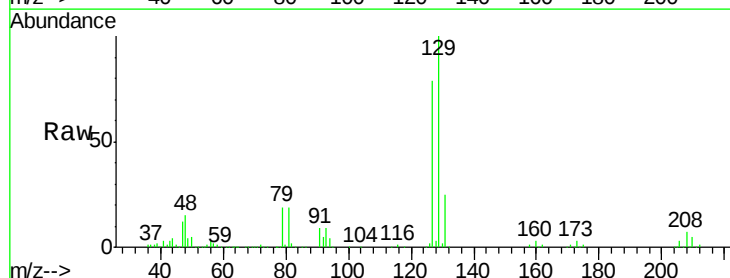
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1000225
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6



#60
Dibromochloromethane
Concen: 52.09 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 129 Resp: 154797
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

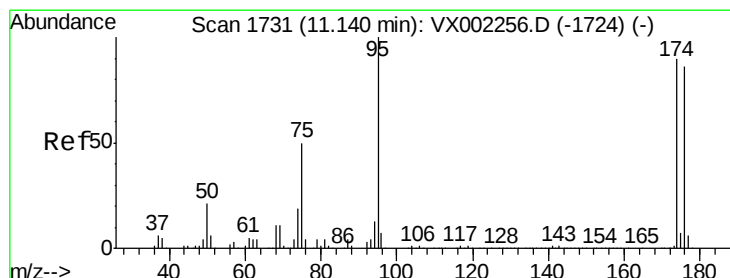
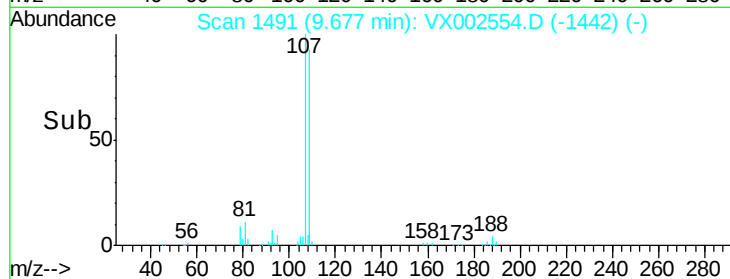
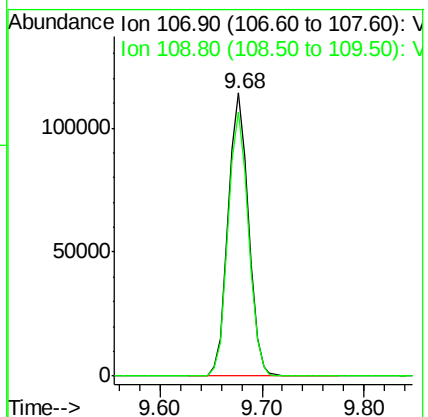
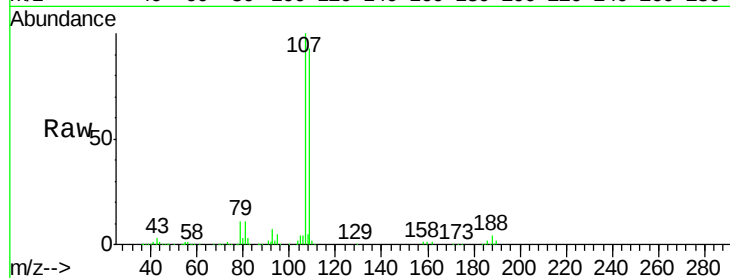
ClientSampled :

Tot Ion:107 Resp: 156804

Ion Ratio Lower Upper

107 100

109 93.4 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 43.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

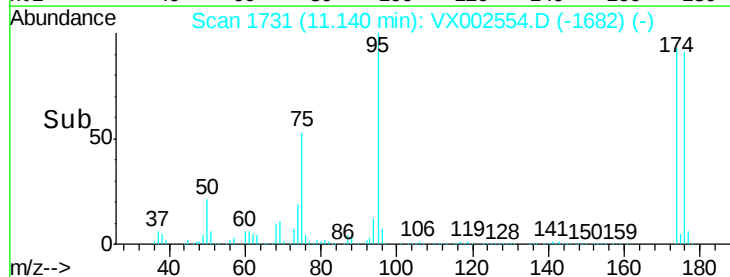
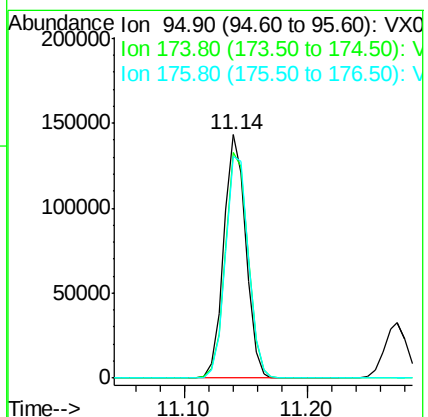
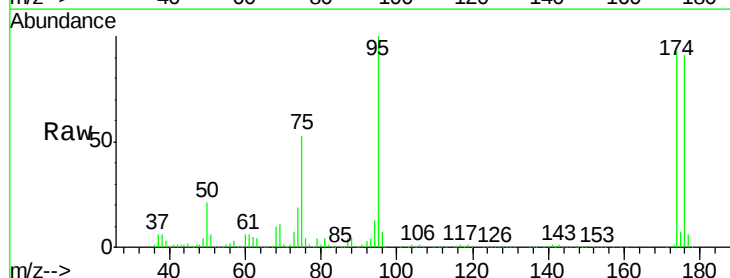
Tgt Ion: 95 Resp: 178499

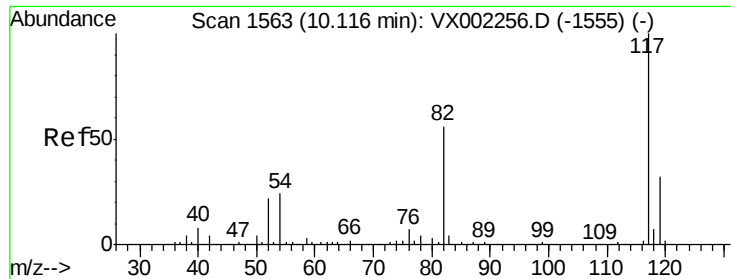
Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

176 94.4 0.0 181.0

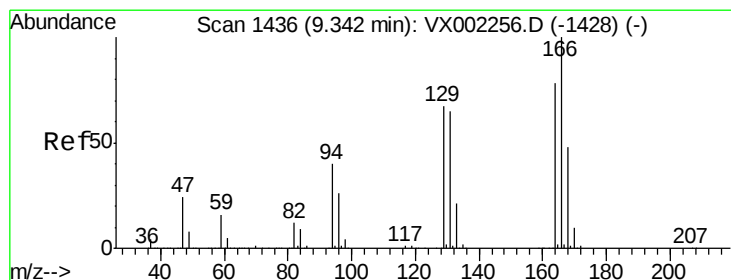
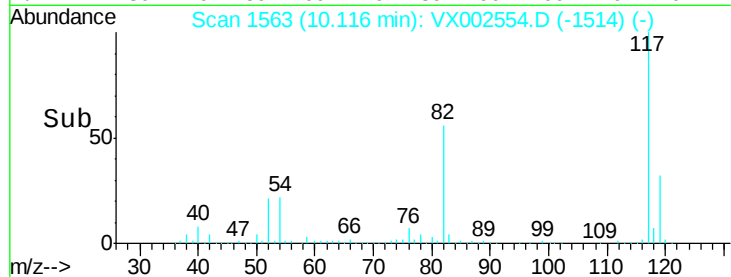
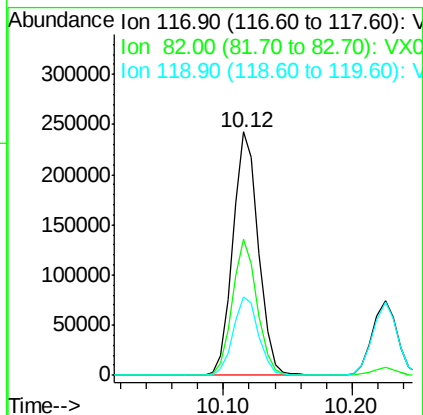
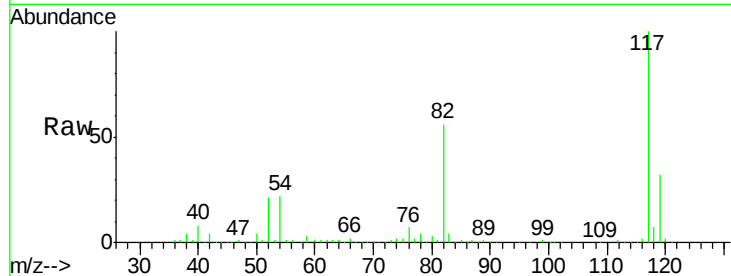




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

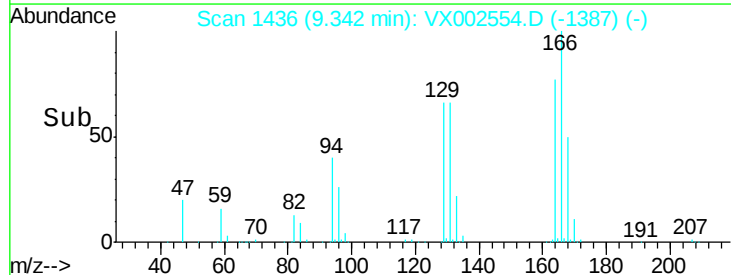
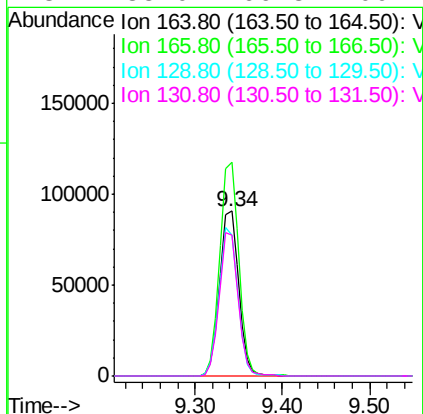
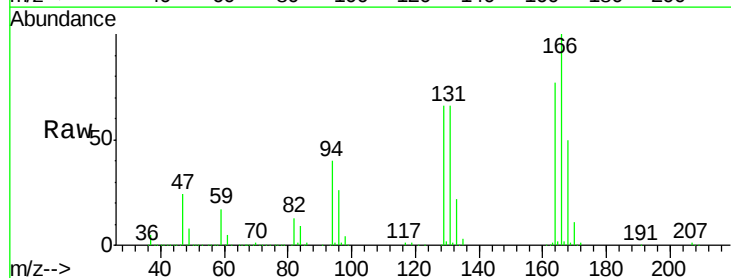
Instrument :
MSVOA_X
ClientSampleId :

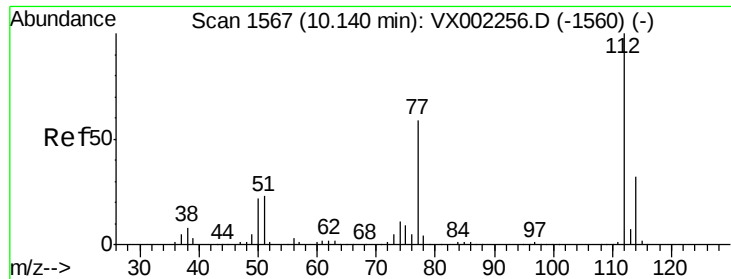
Tot Ion:117 Resp: 334747
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 39.70 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion:164 Resp: 137069
Ion Ratio Lower Upper
164 100
166 129.4 102.9 154.3
129 85.2 68.6 102.8
131 85.0 66.8 100.2

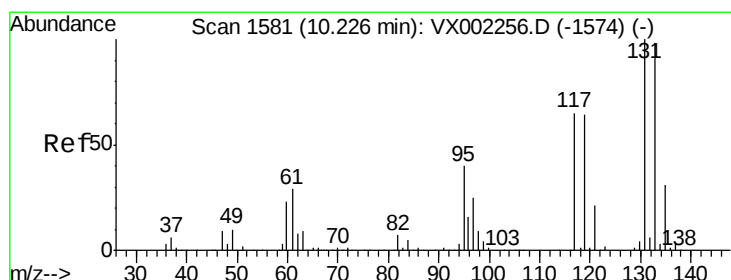
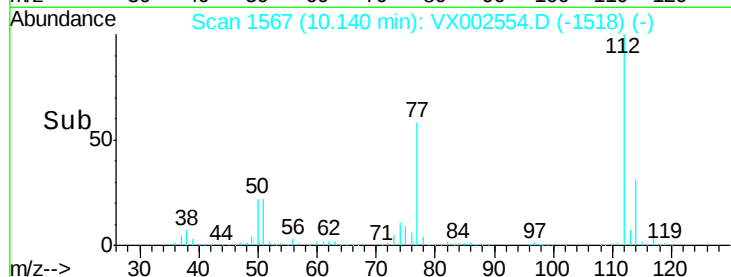
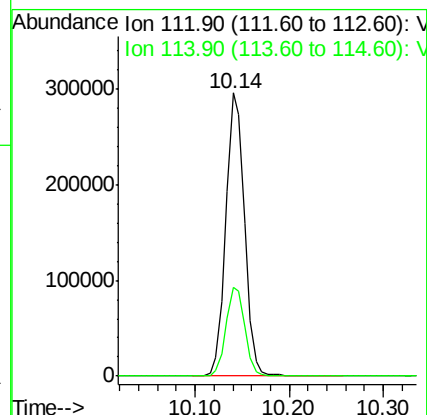
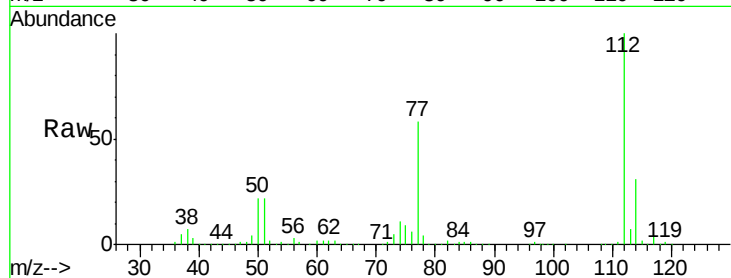




#65
Chlorobenzene
Concen: 48.68 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

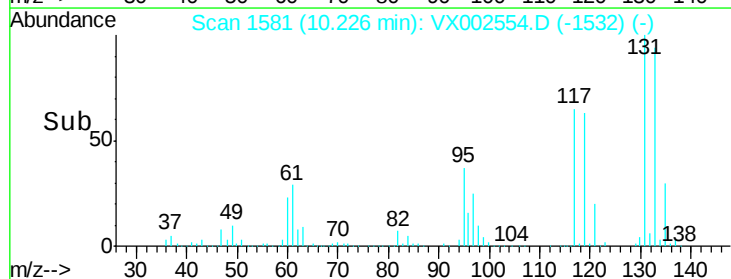
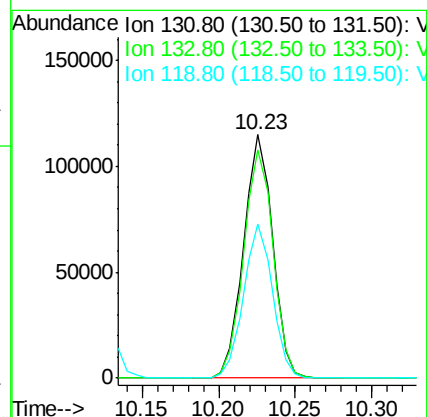
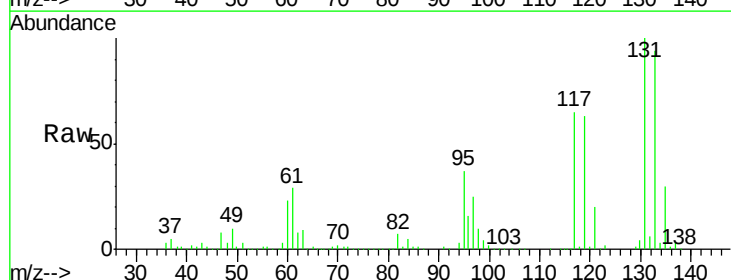
Instrument :
MSVOA_X
ClientSampleId :

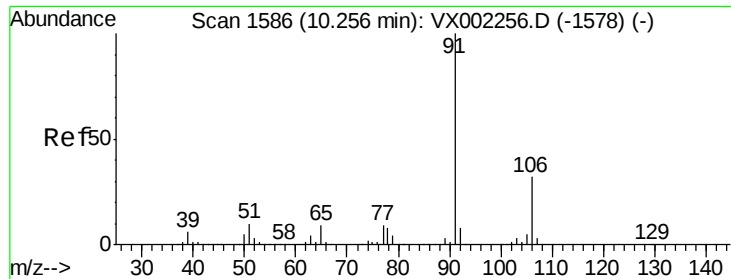
Tot Ion:112 Resp: 405447
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion:131 Resp: 151871
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 63.1 31.8 95.3

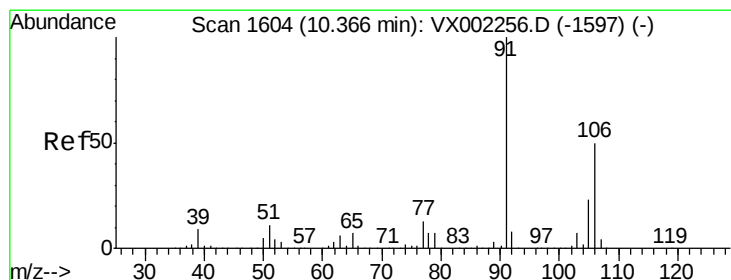
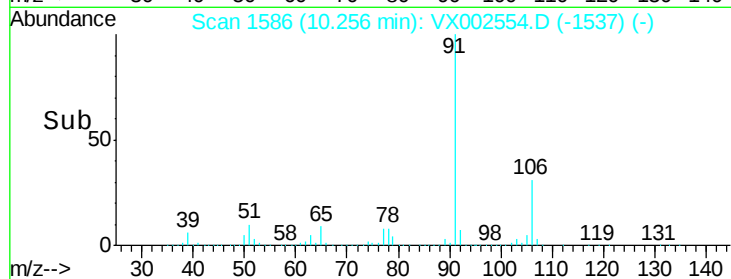
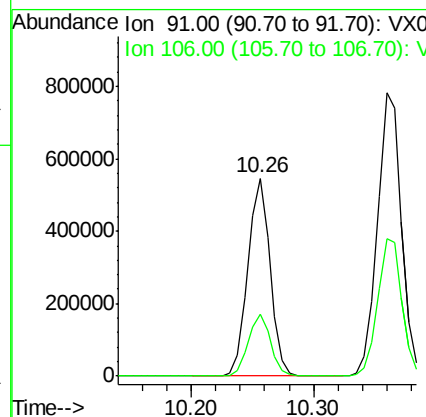
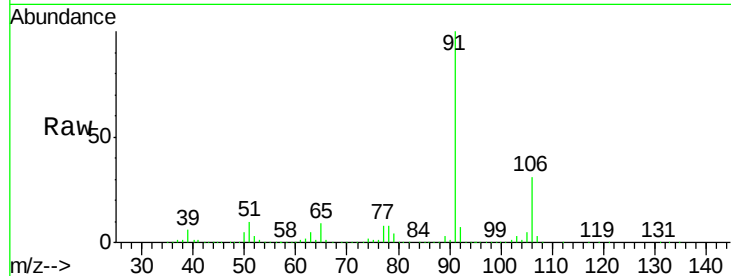




#67
Ethyl Benzene
Concen: 49.35 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

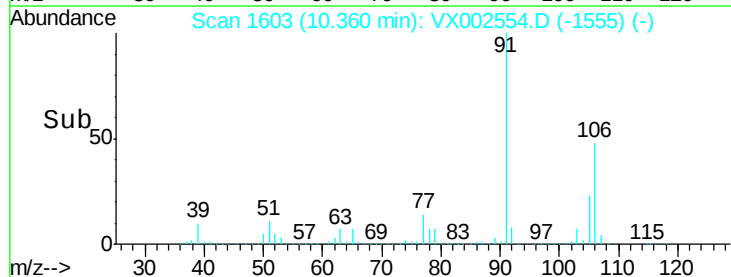
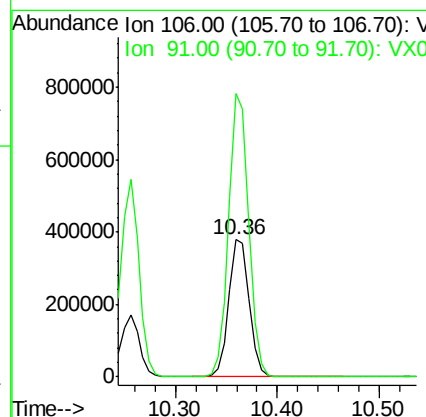
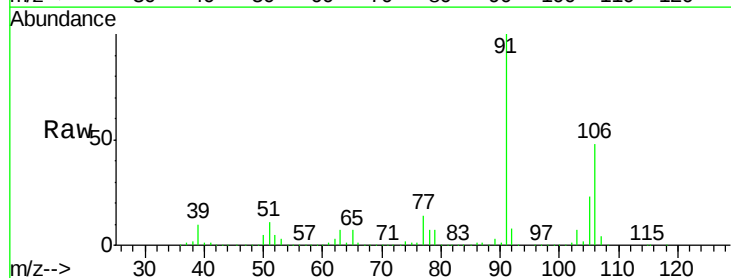
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 687932
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 96.56 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 106 Resp: 523238
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2

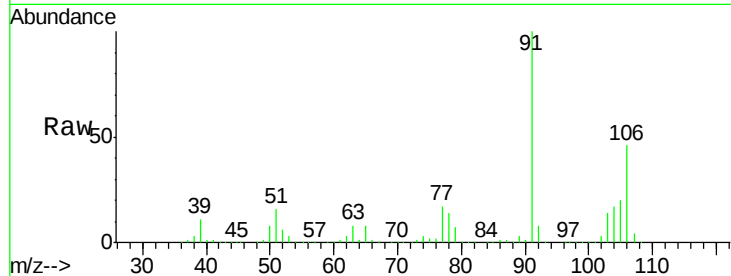




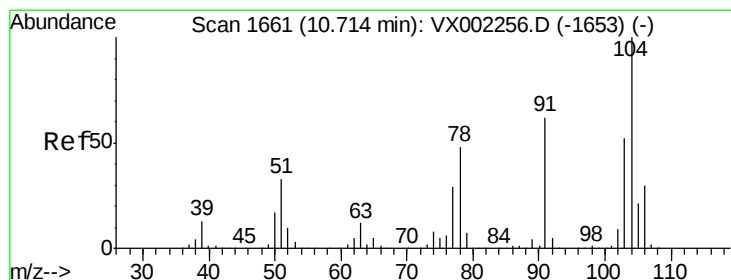
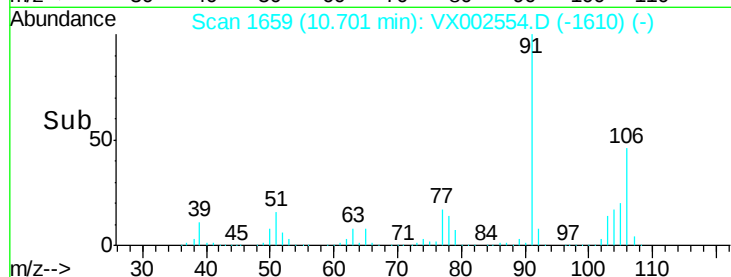
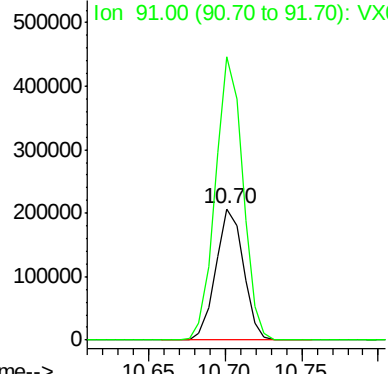
#69
o-Xylene
Concen: 48.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 259556
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6

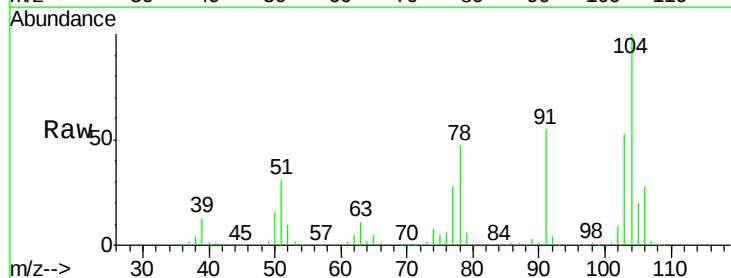


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

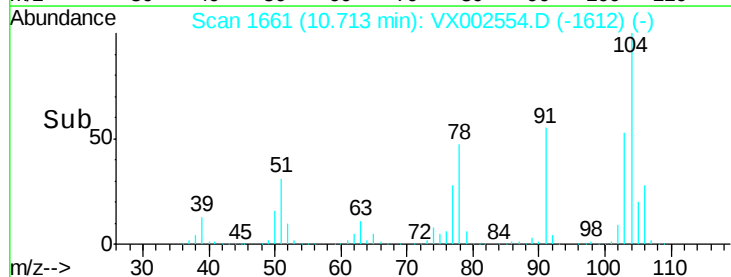
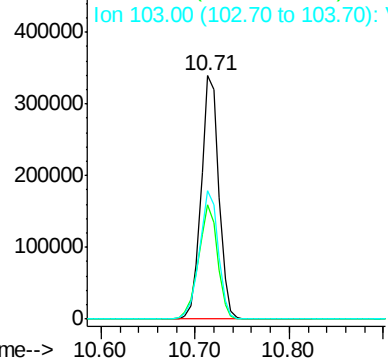


#70
Styrene
Concen: 50.05 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion:104 Resp: 441246
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 56.2 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

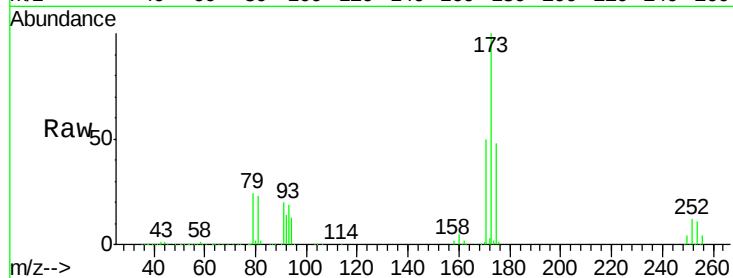




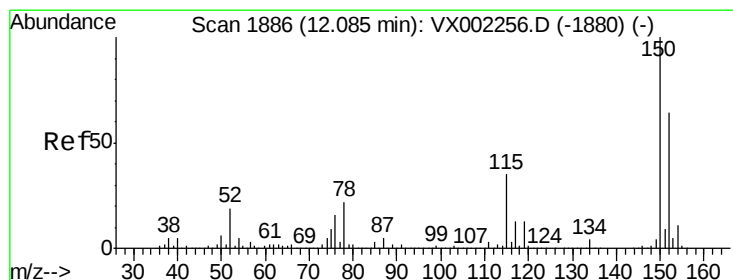
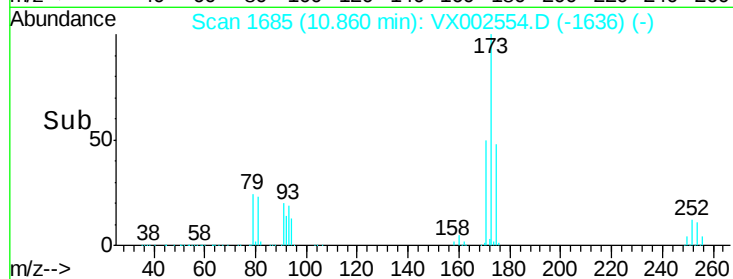
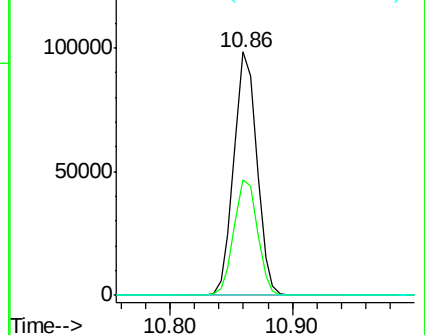
#71
Bromoform
Concen: 47.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 127584
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.2 0.2 0.2

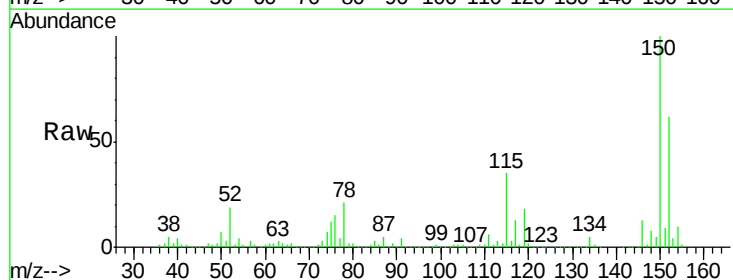


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

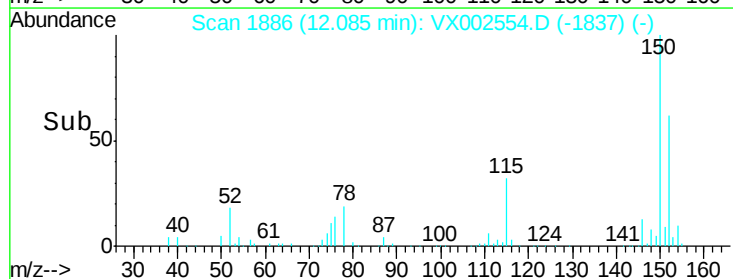
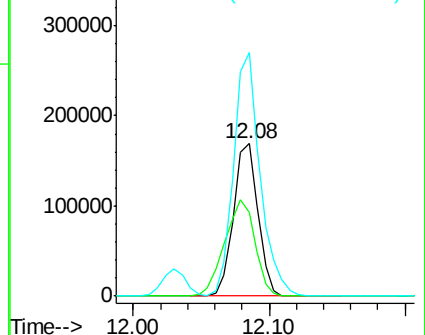


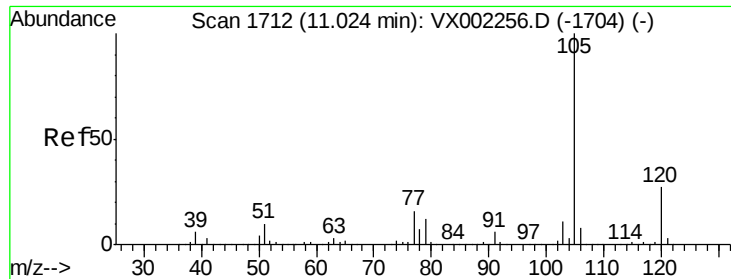
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion:152 Resp: 210880
Ion Ratio Lower Upper
152 100
115 78.2 40.1 120.2
150 174.0 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: 47.29 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

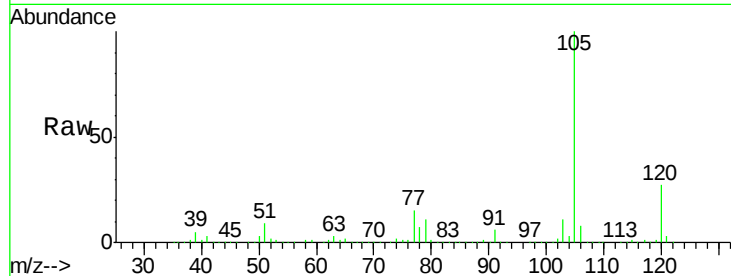
ClientSampleId :

Tot Ion:105 Resp: 693808

Ion Ratio Lower Upper

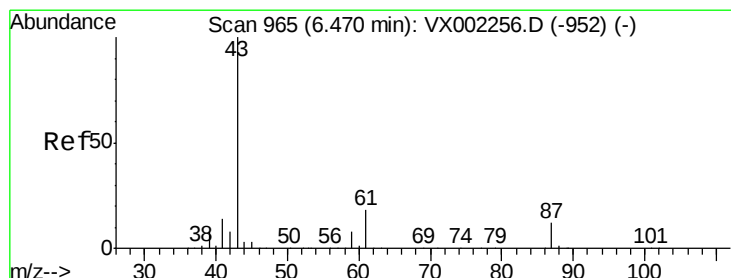
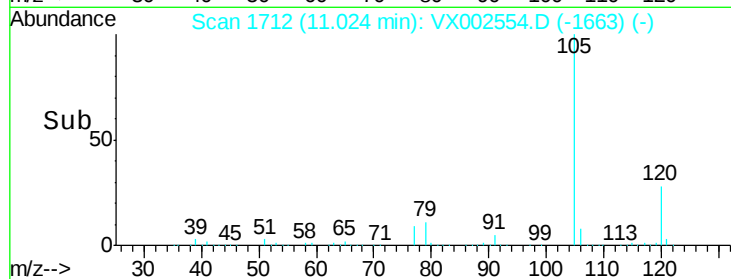
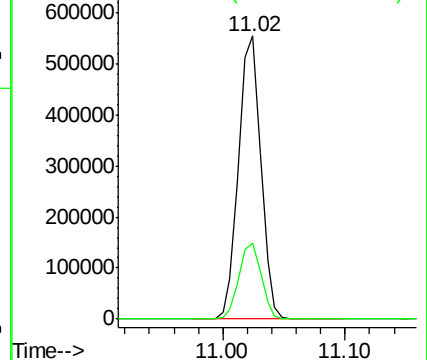
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.41 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Tgt Ion: 43 Resp: 382627

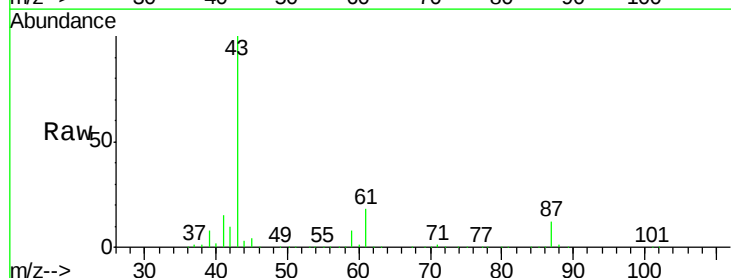
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.2 0.0 0.0#

61 18.0 14.4 21.6

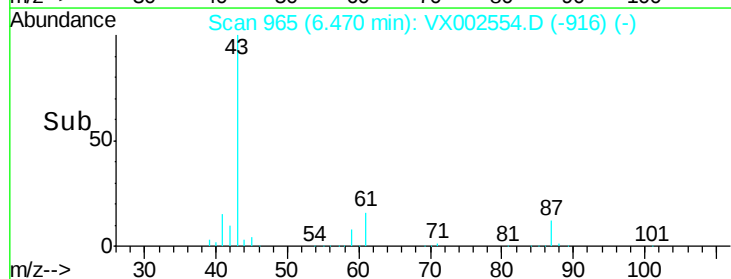
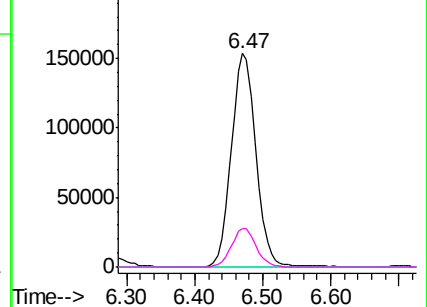


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 53.70 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampleId :

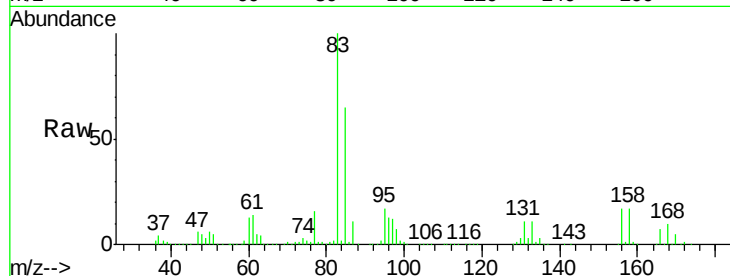
Tot Ion: 83 Resp: 247780

Ion Ratio Lower Upper

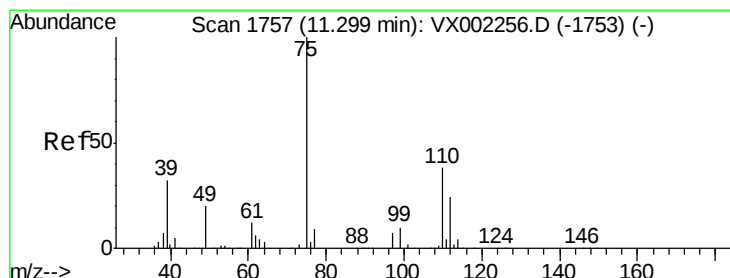
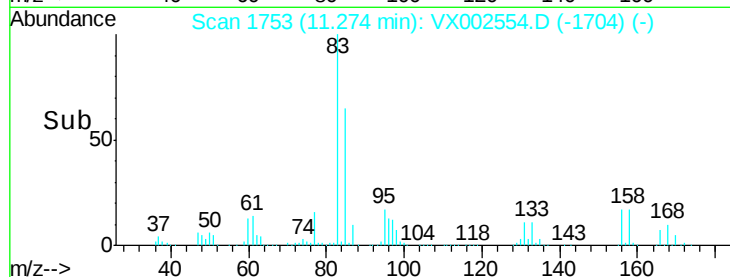
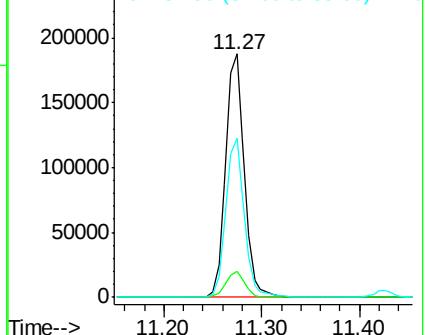
83 100

131 10.8 5.6 16.8

85 65.0 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: 60.19 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002554.D

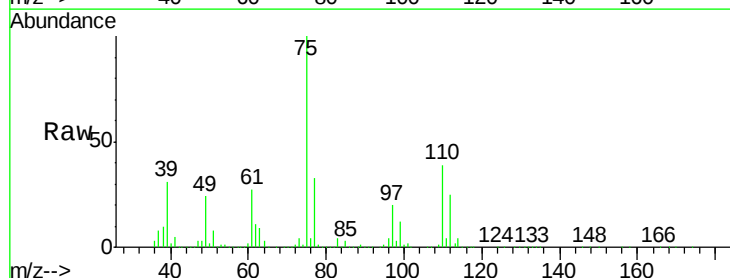
Acq: 14 Jun 2018 16:19

Tgt Ion: 75 Resp: 278518

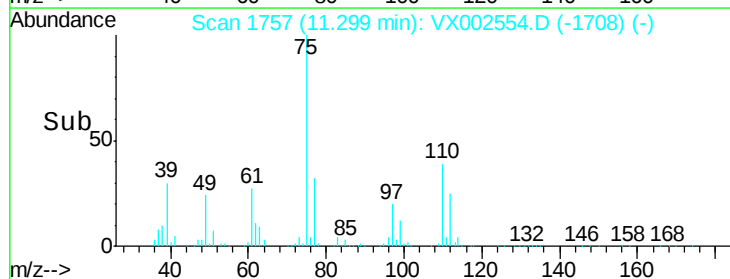
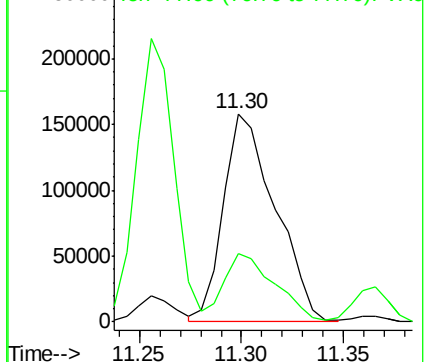
Ion Ratio Lower Upper

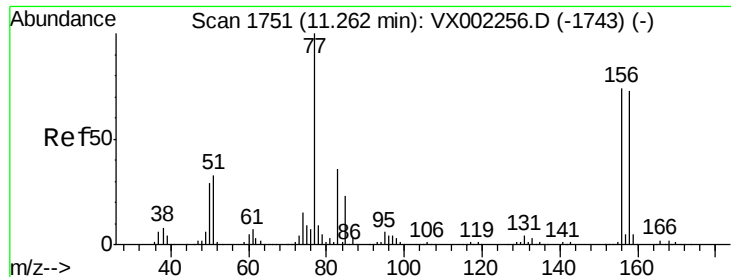
75 100

77 32.5 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: 48.25 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampled :

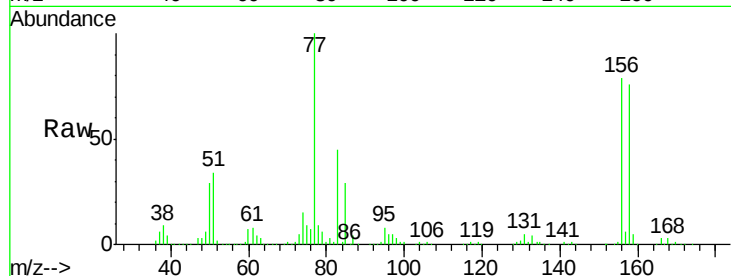
Tot Ion:156 Resp: 198716

Ion Ratio Lower Upper

156 100

77 138.5 71.4 214.2

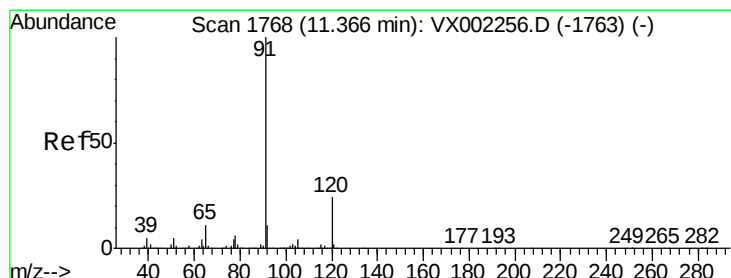
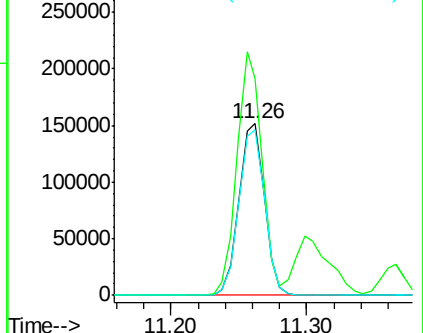
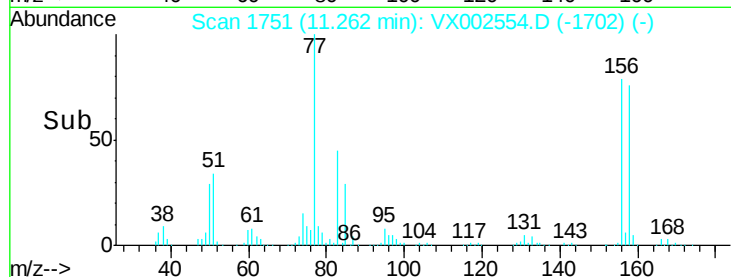
158 97.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002554.D

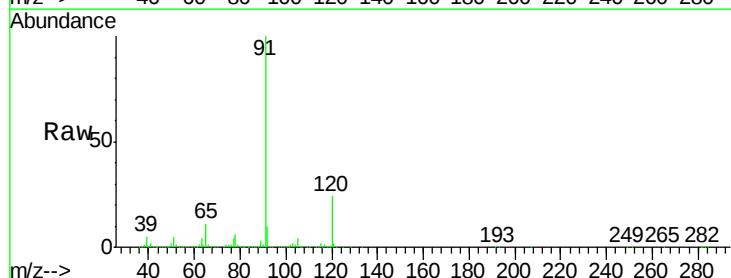
Acq: 14 Jun 2018 16:19

Tgt Ion: 91 Resp: 791226

Ion Ratio Lower Upper

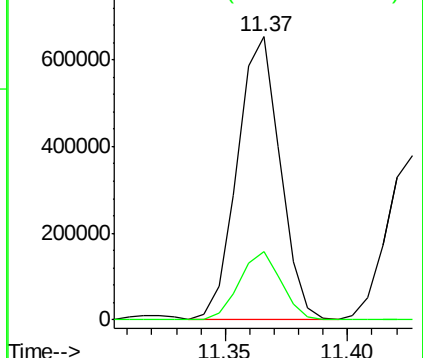
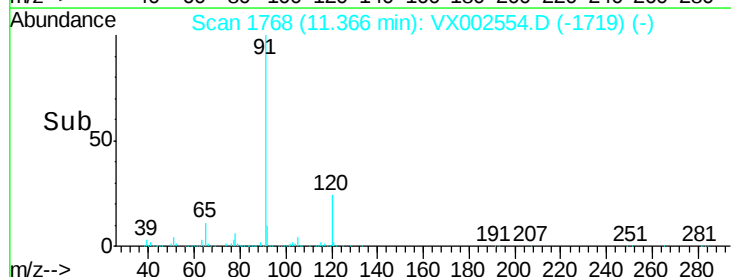
91 100

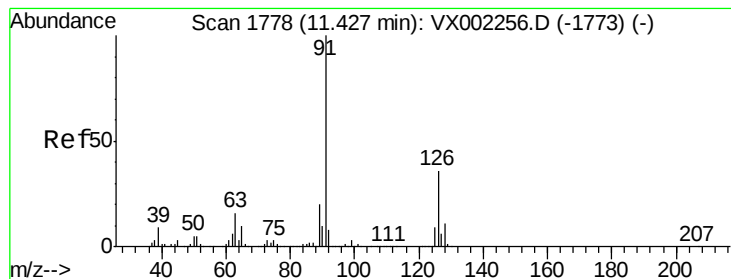
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.64 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

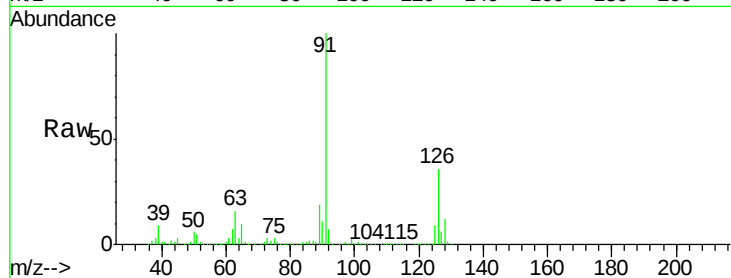
ClientSampled :

Tot Ion: 91 Resp: 469862

Ion Ratio Lower Upper

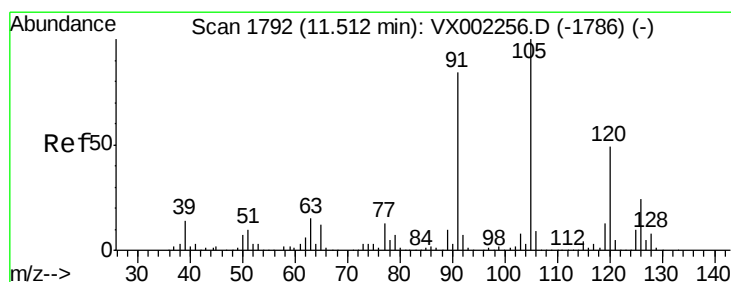
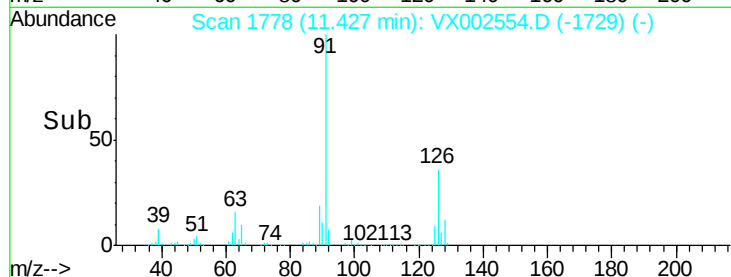
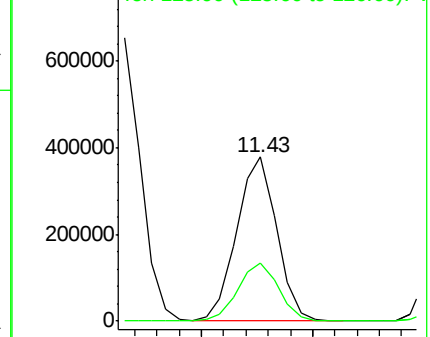
91 100

126 36.1 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002554.D

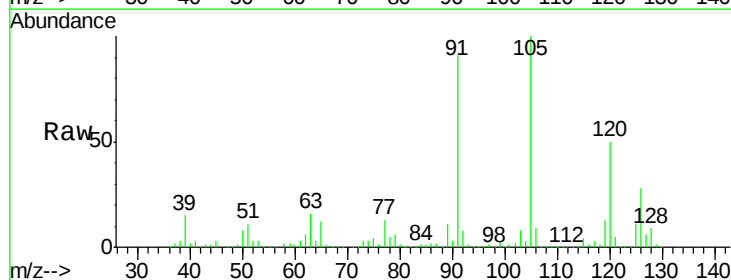
Acq: 14 Jun 2018 16:19

Tgt Ion: 105 Resp: 578962

Ion Ratio Lower Upper

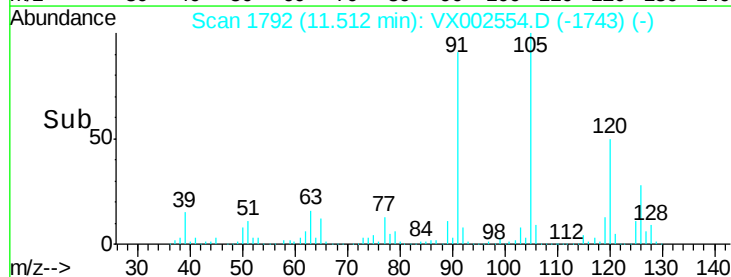
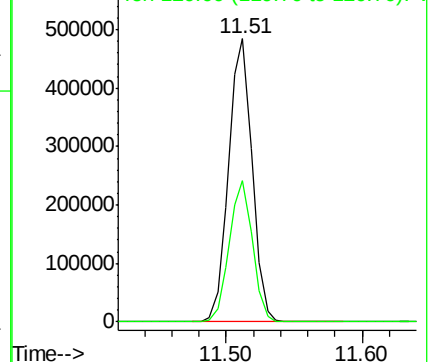
105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.97 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

ClientSampled :

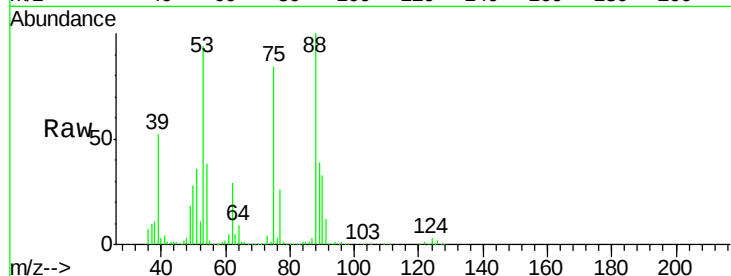
Tot Ion: 75 Resp: 63321

Ion Ratio Lower Upper

75 100

53 110.6 86.8 130.2

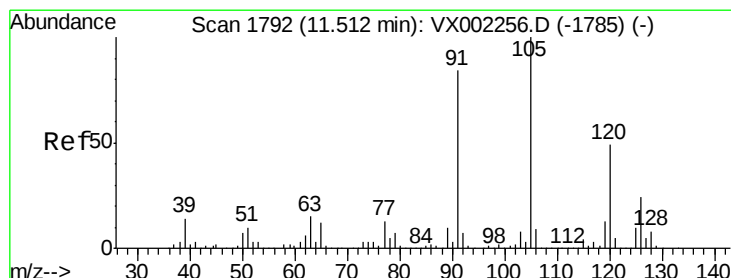
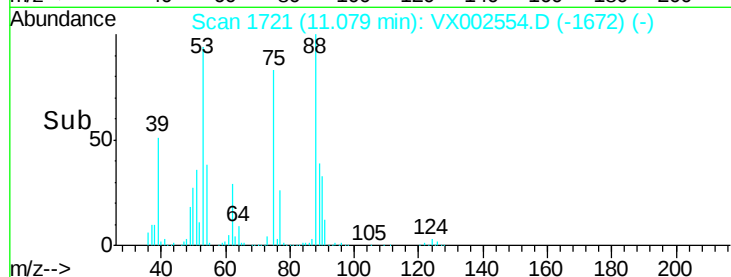
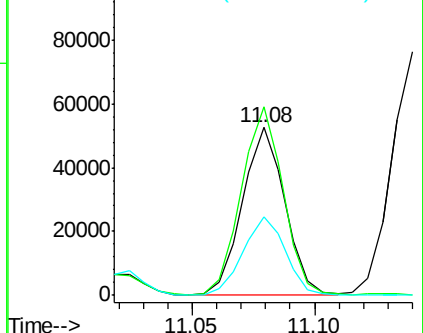
89 46.9 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.43 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002554.D

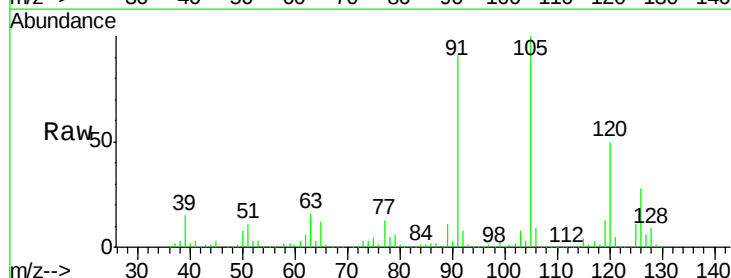
Acq: 14 Jun 2018 16:19

Tgt Ion: 91 Resp: 563625

Ion Ratio Lower Upper

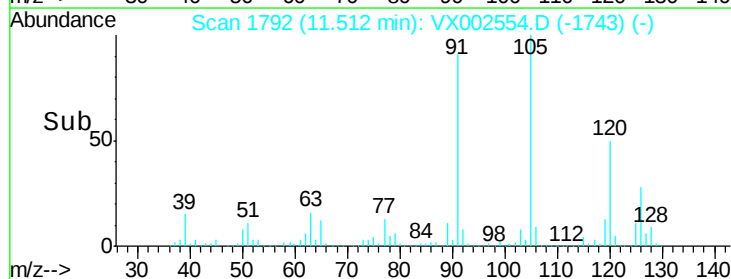
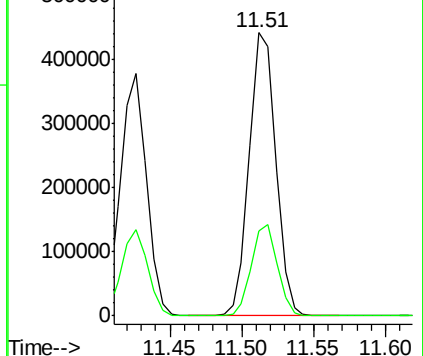
91 100

126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

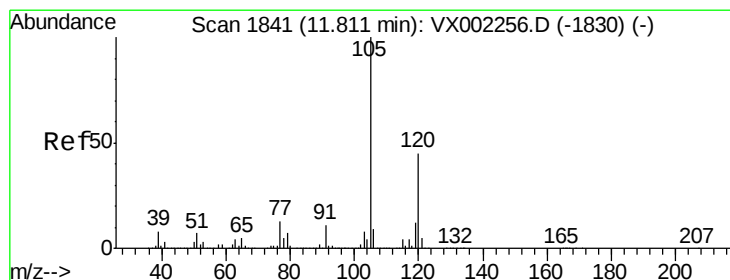
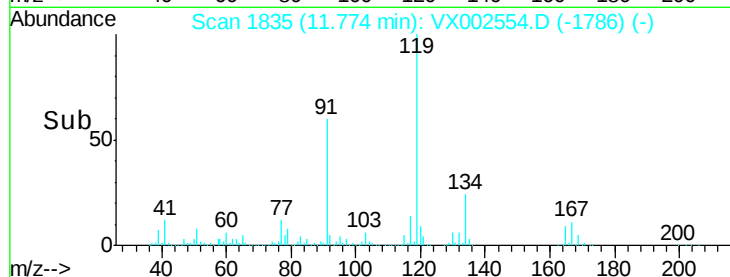
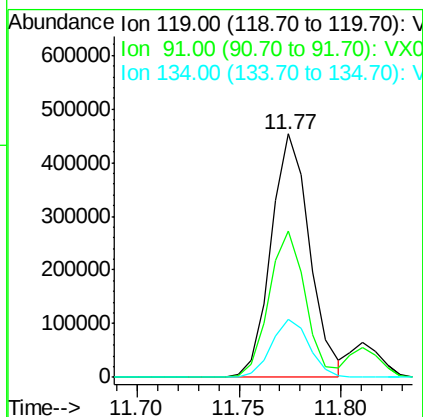
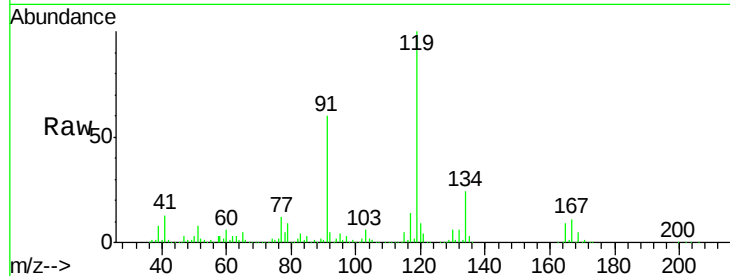




#83
 tert-Butylbenzene
 Concen: 48.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

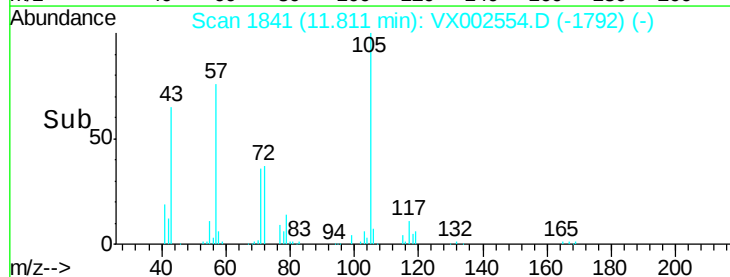
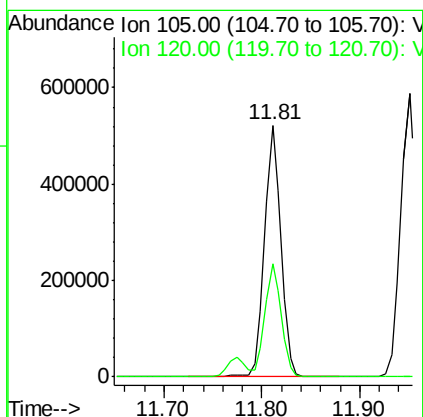
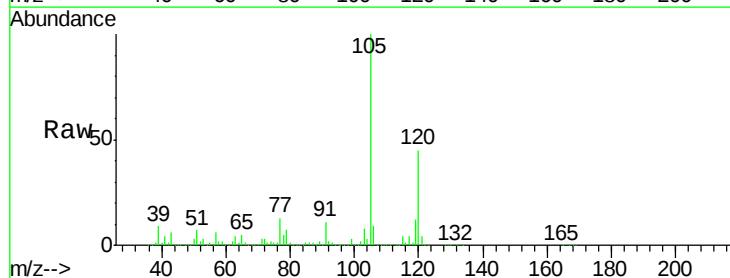
Instrument :
 MSVOA_X
 ClientSampleId :

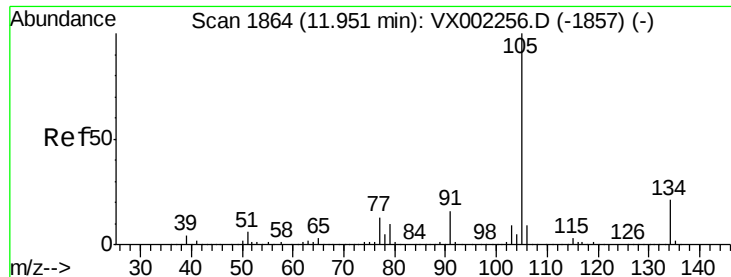
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.2	30.3	90.9
134	23.4	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.82 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 48.17 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

Instrument :

MSVOA_X

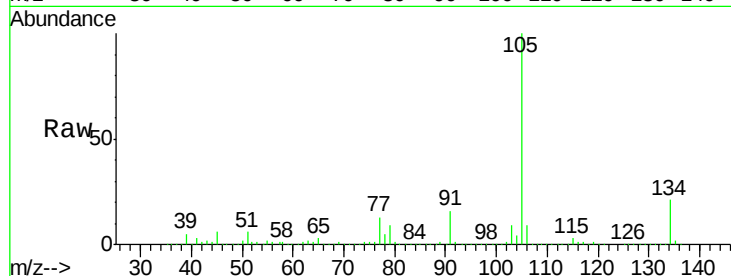
ClientSampleId :

Tot Ion:105 Resp: 691902

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

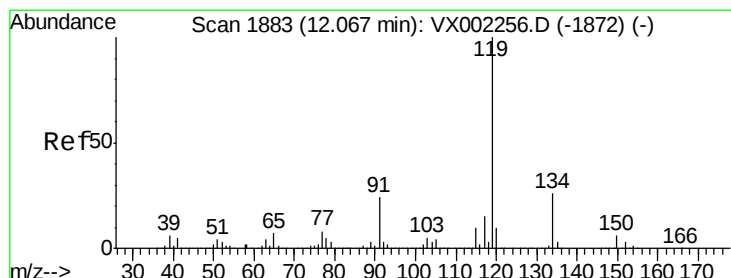
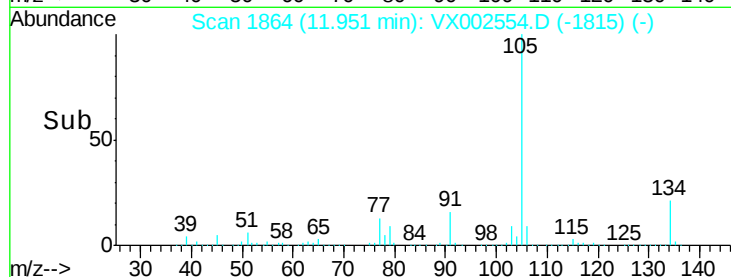
400000

200000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.08 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002554.D

Acq: 14 Jun 2018 16:19

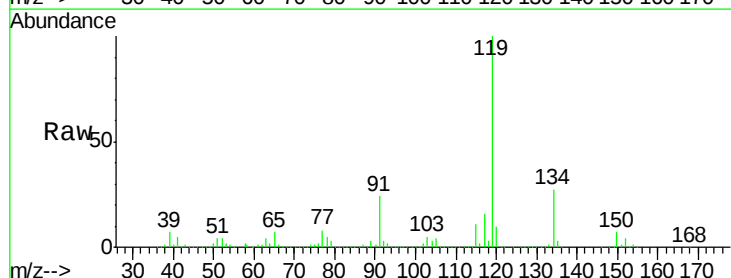
Tgt Ion:119 Resp: 629012

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.6 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

600000

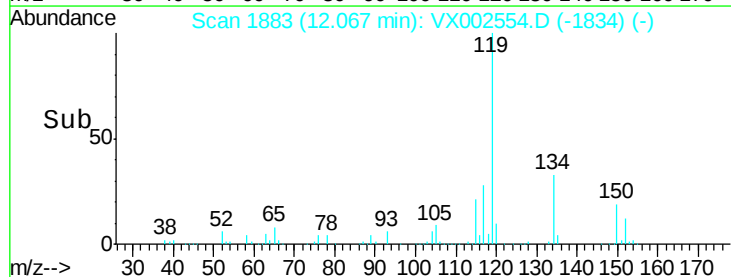
400000

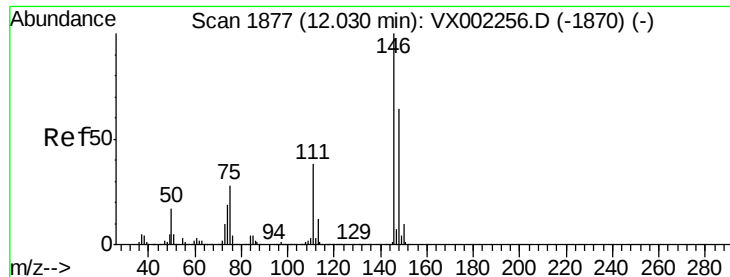
200000

0

12.00 12.05 12.10

Time-->

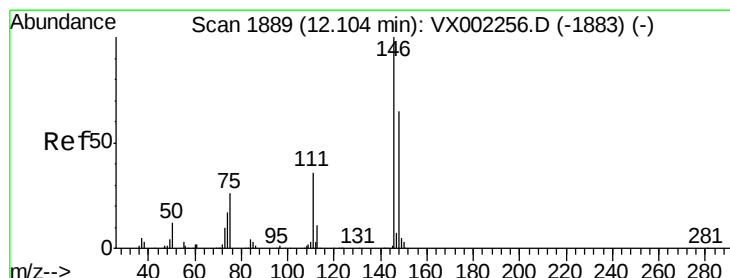
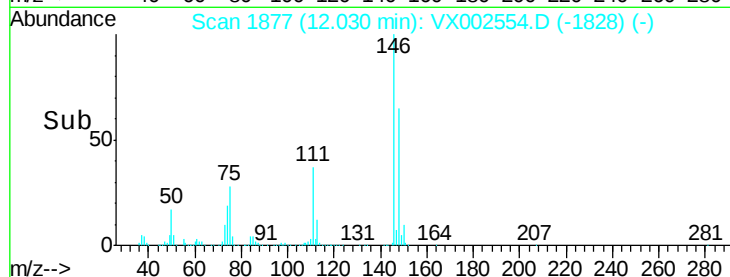
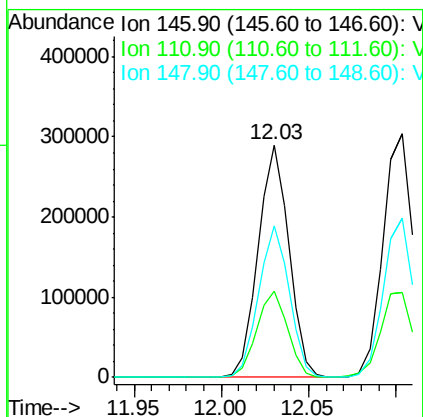
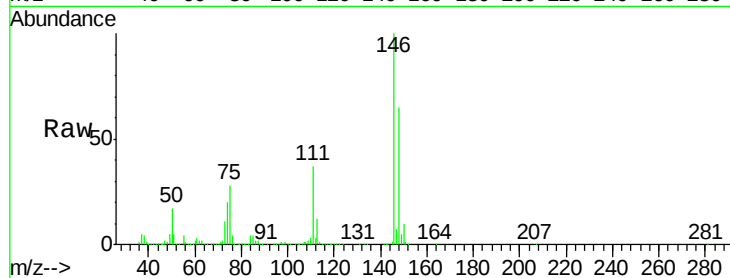




#87
 1,3-Dichlorobenzene
 Concen: 48.10 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

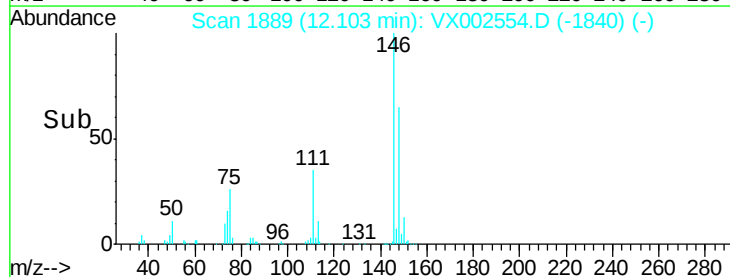
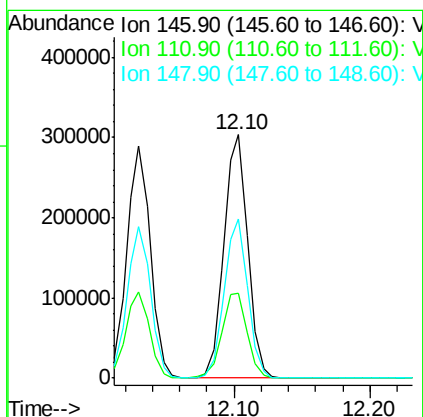
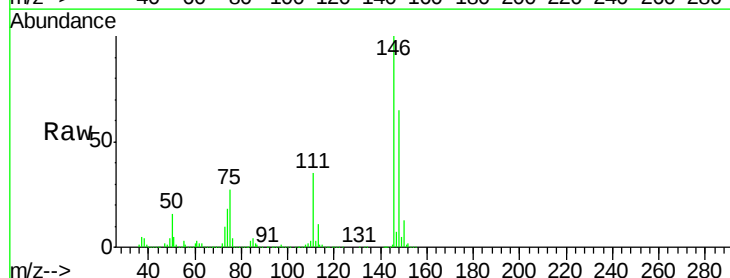
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.7
148	65.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.7	56.1
148	64.5	32.4	97.0

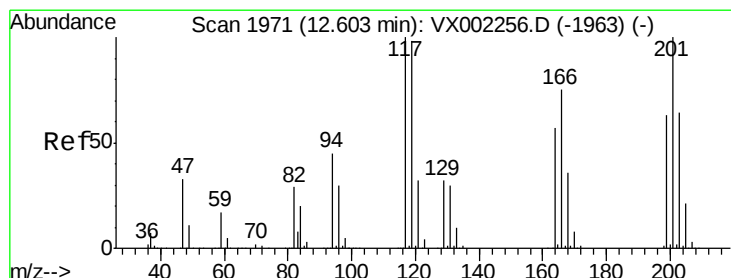
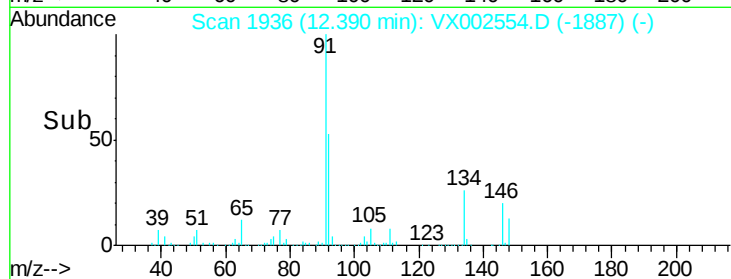
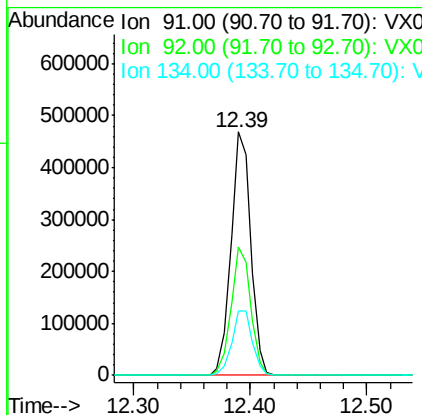
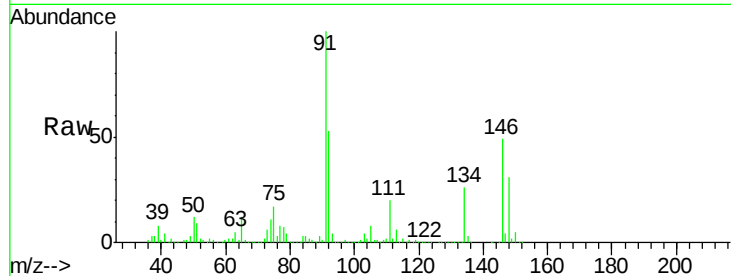




#89
n-Butylbenzene
Concen: 50.67 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

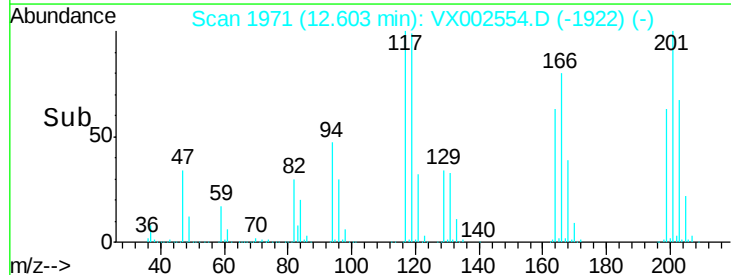
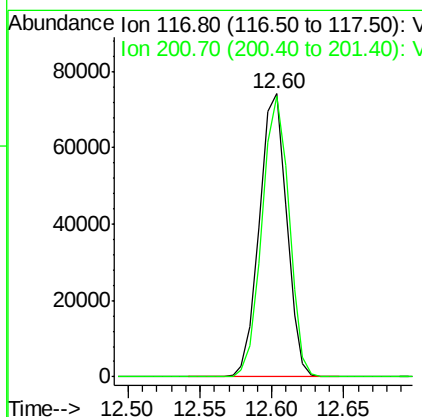
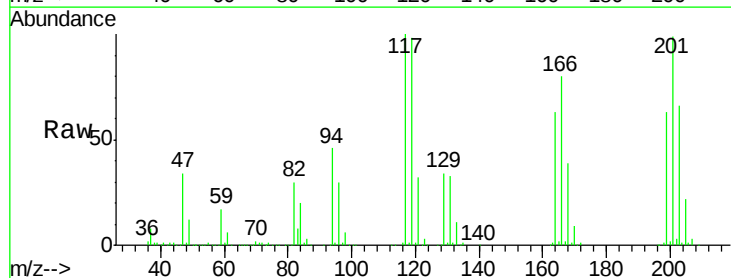
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 556014
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 46.26 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion: 117 Resp: 96615
Ion Ratio Lower Upper
117 100
201 98.1 49.0 147.0

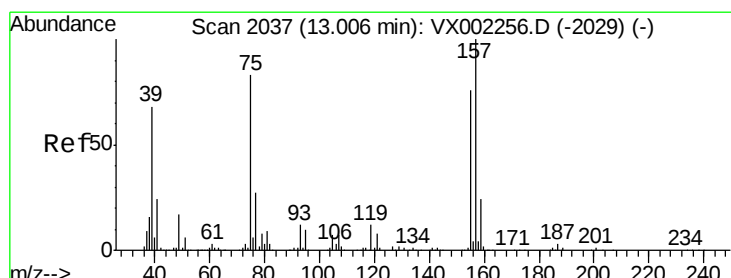
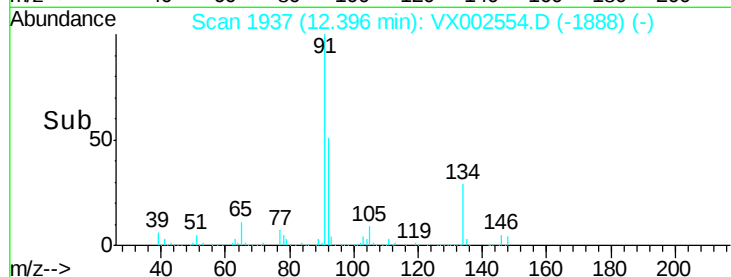
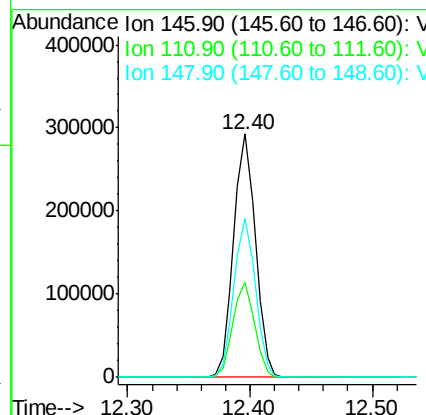
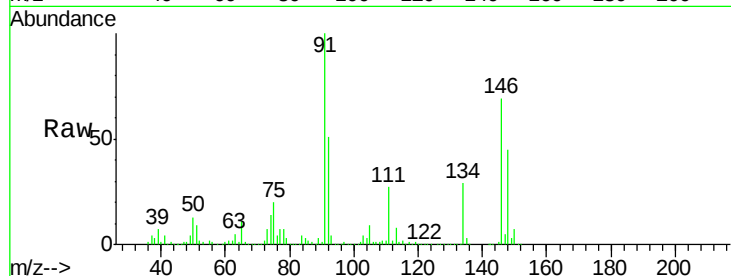




#91
 1,2-Dichlorobenzene
 Concen: 47.36 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

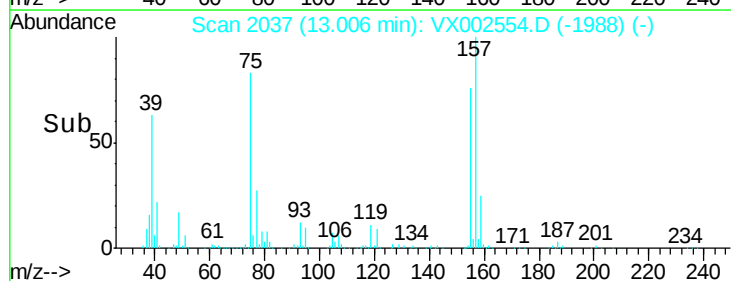
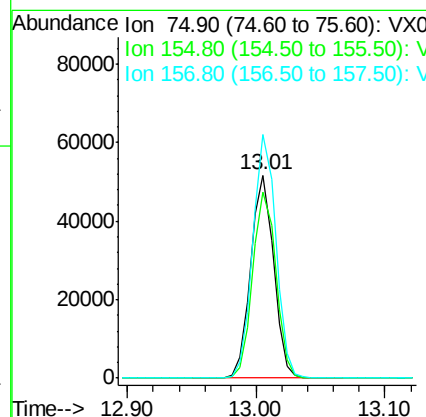
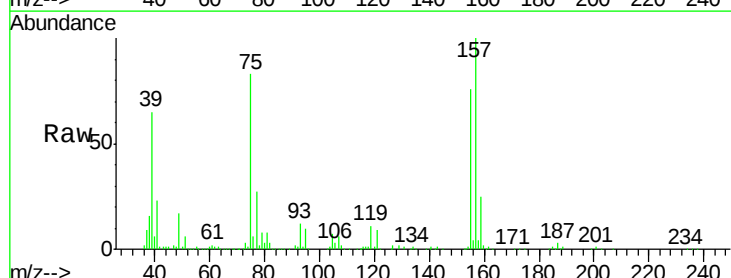
Instrument :
 MSVOA_X
 ClientSampleId :

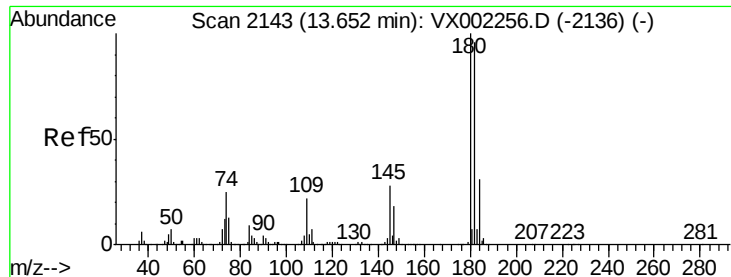
Tot Ion:146 Resp: 360863
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.49 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

Tgt Ion: 75 Resp: 63054
 Ion Ratio Lower Upper
 75 100
 155 92.7 45.8 137.4
 157 120.4 60.1 180.3

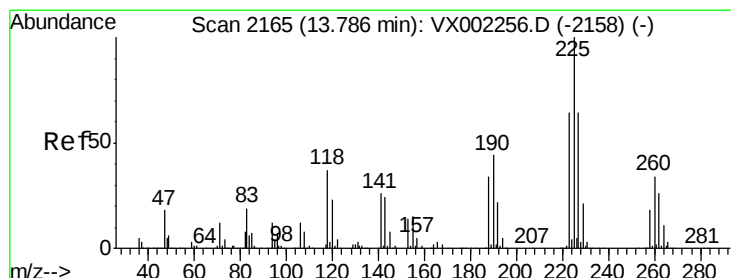
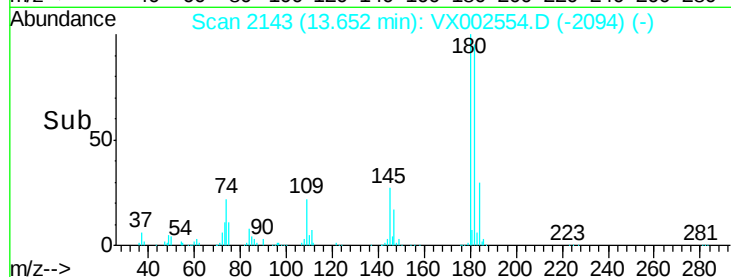
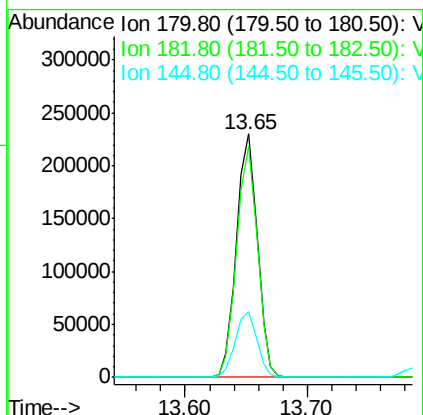
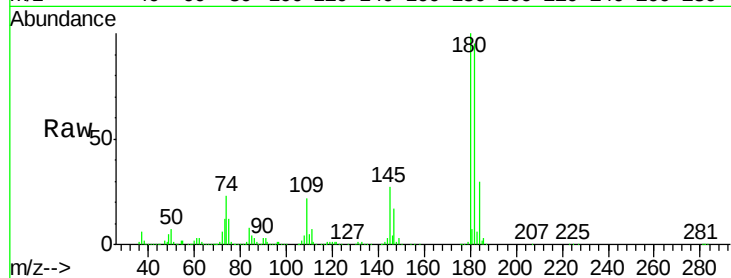




#93
 1,2,4-Trichlorobenzene
 Concen: 50.71 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

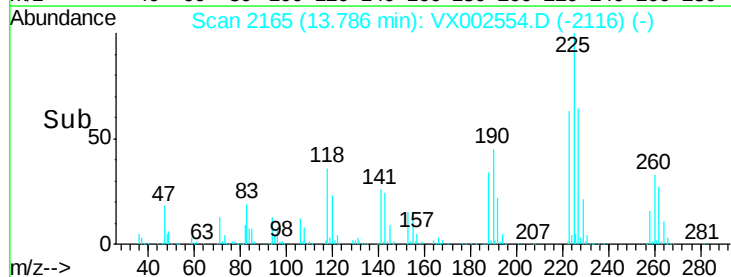
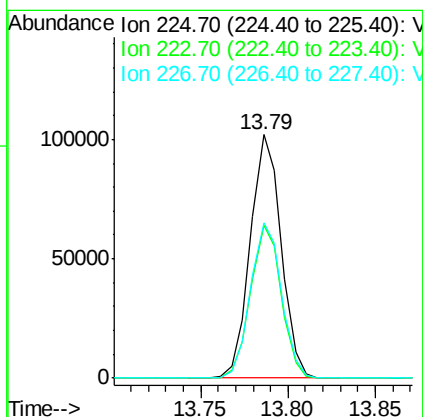
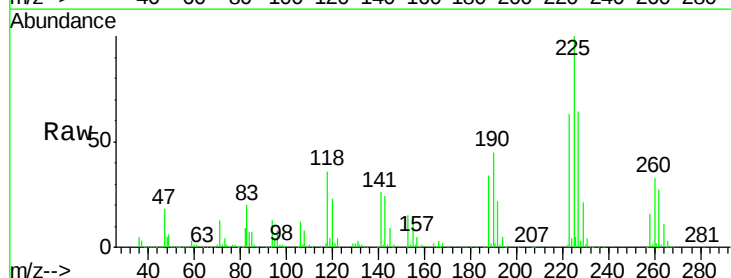
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 270883
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.7 143.1
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 47.28 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002554.D
 Acq: 14 Jun 2018 16:19

Tgt Ion:225 Resp: 124812
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 95.0
 227 64.2 32.4 97.2

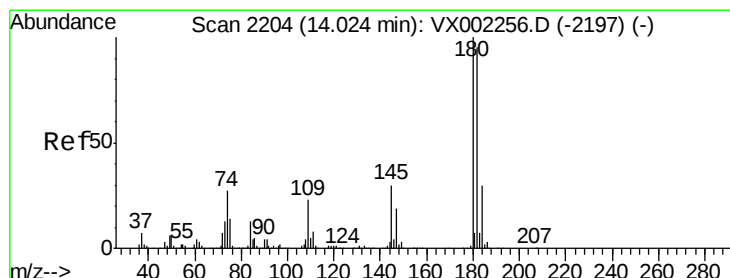
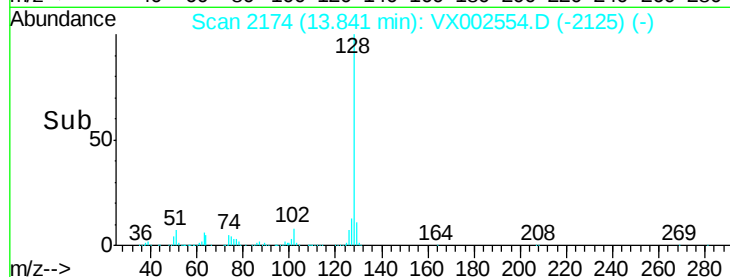
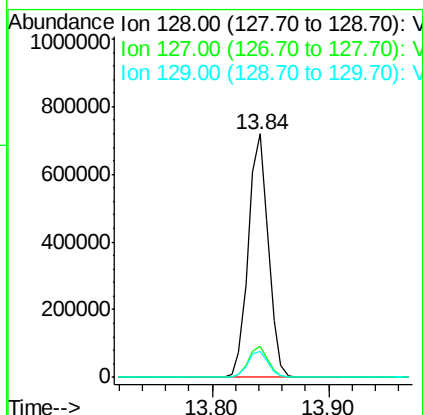
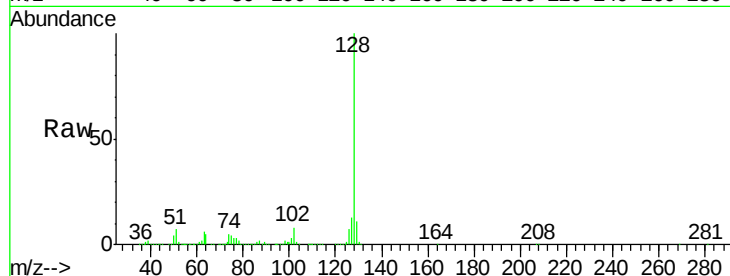




#95
Naphthalene
Concen: 56.31 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 864257
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.63 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002554.D
Acq: 14 Jun 2018 16:19

Tgt Ion:180 Resp: 270397
Ion Ratio Lower Upper
180 100
182 96.8 48.0 144.0
145 29.6 14.8 44.3

