

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002553.D
 Acq On : 14 Jun 2018 15:53
 Operator : JC/MD
 Sample : J3404-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:31:10 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	239858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	354913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160373	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.51	113	127630	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	8.72	98	462183	43.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.40%	
62) 4-Bromofluorobenzene	11.14	95	181746	44.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	104412	41.88	ug/l	99
3) Chloromethane	1.32	50	126251	43.84	ug/l	99
4) Vinyl Chloride	1.40	62	147689	47.00	ug/l	93
5) Bromomethane	1.64	94	79691	44.44	ug/l	97
6) Chloroethane	1.72	64	106245	52.27	ug/l	99
7) Trichlorofluoromethane	1.92	101	242032	50.55	ug/l	99
8) Diethyl Ether	2.19	74	93378	55.13	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134585	52.09	ug/l	99
10) Methyl Iodide	2.51	142	166157	45.72	ug/l	99
11) Tert butyl alcohol	3.08	59	212825	307.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	122769	48.08	ug/l	95
13) Acrolein	2.29	56	56475	162.41	ug/l	98
14) Allyl chloride	2.73	41	253600	45.76	ug/l	# 95
15) Acrylonitrile	3.15	53	423666	291.84	ug/l	100
16) Acetone	2.45	43	475287	328.19	ug/l	100
17) Carbon Disulfide	2.57	76	281126	41.77	ug/l	99
18) Methyl Acetate	2.78	43	234845	69.39	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	497815	56.29	ug/l	99
20) Methylene Chloride	2.86	84	142262	52.60	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	132895	47.20	ug/l	95
22) Diisopropyl ether	3.88	45	472506	51.07	ug/l	98
23) Vinyl Acetate	3.83	43	2083032	231.88	ug/l	100
24) 1,1-Dichloroethane	3.70	63	247629	45.21	ug/l	99
25) 2-Butanone	4.71	43	868402	369.25	ug/l	98
26) 2,2-Dichloropropane	4.59	77	181932	42.50	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	176797	57.73	ug/l	92
28) Bromochloromethane	5.03	49	122742	52.90	ug/l	97
29) Tetrahydrofuran	5.17	42	384836	253.80	ug/l	98
30) Chloroform	5.22	83	253444	47.96	ug/l	100
31) Cyclohexane	5.57	56	194322	44.87	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	218957	48.85	ug/l	100
36) 1,1-Dichloropropene	5.80	75	176483	47.30	ug/l	99
37) Ethyl Acetate	4.87	43	230607	51.39	ug/l	100
38) Carbon Tetrachloride	5.79	117	187948	48.15	ug/l	97

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 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 01:31:10 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	187205	40.66	ug/l	95
40) Benzene	6.15	78	532759	46.57	ug/l	99
41) Methacrylonitrile	5.07	41	129430	50.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	215064	47.32	ug/l	100
43) Isopropyl Acetate	6.47	43	379998	49.86	ug/l	100
44) Trichloroethene	7.21	130	165396	52.09	ug/l	99
45) 1,2-Dichloropropane	7.52	63	147091	47.63	ug/l	98
46) Dibromomethane	7.67	93	99417	47.48	ug/l	99
47) Bromodichloromethane	7.90	83	181475	47.92	ug/l	96
48) Methyl methacrylate	7.78	41	197055	51.47	ug/l	99
49) 1,4-Dioxane	7.76	88	76104	1063.20	ug/l #	84
51) 4-Methyl-2-Pentanone	8.65	43	1285648	270.88	ug/l	100
52) Toluene	8.79	92	339954	46.72	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	215599	47.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	204166	47.66	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	147265	49.21	ug/l	99
56) Ethyl methacrylate	9.18	69	238180	49.85	ug/l	99
57) 1,3-Dichloropropane	9.38	76	243337	48.47	ug/l	100
59) 2-Hexanone	9.50	43	985519	268.83	ug/l	98
60) Dibromochloromethane	9.59	129	151565	50.35	ug/l	99
61) 1,2-Dibromoethane	9.68	107	155190	49.73	ug/l	99
64) Tetrachloroethene	9.34	164	139984	40.84	ug/l	98
65) Chlorobenzene	10.14	112	403318	48.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	149482	49.92	ug/l	99
67) Ethyl Benzene	10.26	91	677090	48.92	ug/l	99
68) m/p-Xylenes	10.36	106	519562	96.57	ug/l	99
69) o-Xylene	10.70	106	257609	48.11	ug/l	99
70) Styrene	10.71	104	439096	50.17	ug/l	99
71) Bromoform	10.86	173	122473	45.96	ug/l	99
73) Isopropylbenzene	11.02	105	686674	46.88	ug/l	99
74) N-amyl acetate	6.47	43	379998	48.15	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	240985	52.31	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	274765	59.47	ug/l	80
77) Bromobenzene	11.26	156	194830	47.38	ug/l	98
78) n-propylbenzene	11.37	91	779967	47.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	465511	45.29	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	576135	45.86	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	62596	47.50	ug/l	98
82) 4-Chlorotoluene	11.51	91	556009	46.86	ug/l	100
83) tert-Butylbenzene	11.77	119	581751	47.56	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	592687	45.83	ug/l	100
85) sec-Butylbenzene	11.95	105	676391	47.16	ug/l	99
86) p-Isopropyltoluene	12.07	119	615765	47.14	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	351804	47.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	357777	47.21	ug/l	99
89) n-Butylbenzene	12.39	91	537468	49.06	ug/l	100
90) Hexachloroethane	12.60	117	93012	44.60	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	355944	46.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59046	58.62	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	258629	48.49	ug/l	100

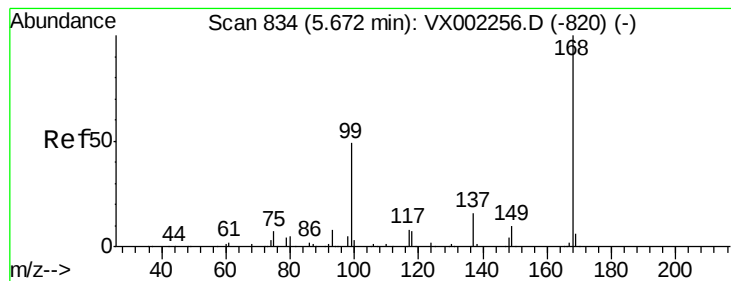
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	125721	47.70	ug/l	99
95) Naphthalene	13.84	128	831269	54.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	261527	48.08	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

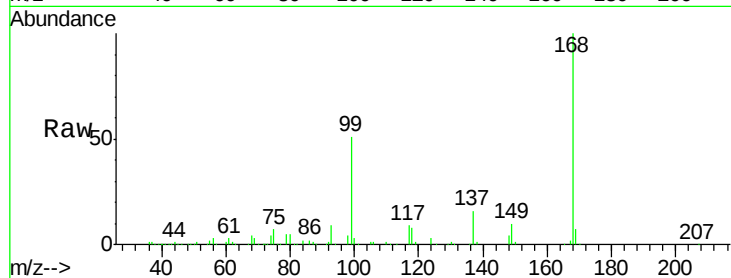
ClientSampled :

Tot Ion:168 Resp: 239858

Ion Ratio Lower Upper

168 100

99 50.8 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

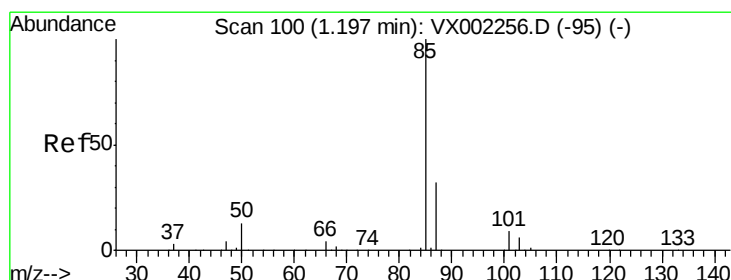
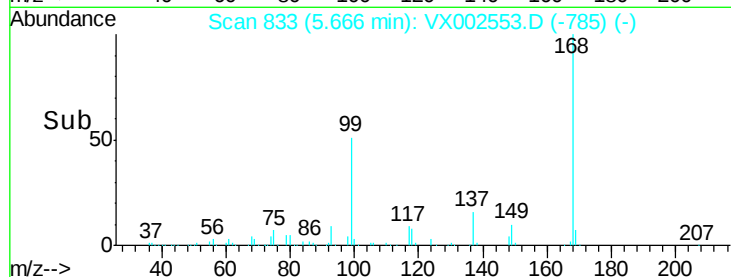
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002553.D

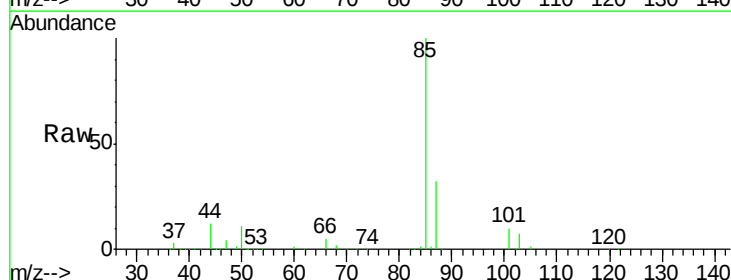
Acq: 14 Jun 2018 15:53

Tgt Ion: 85 Resp: 104412

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

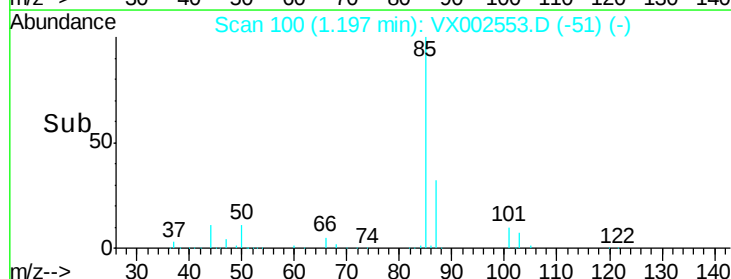
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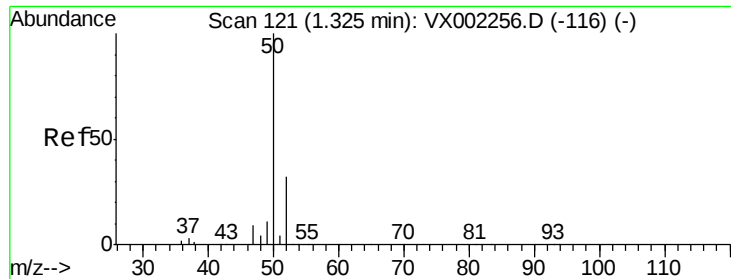
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.84 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

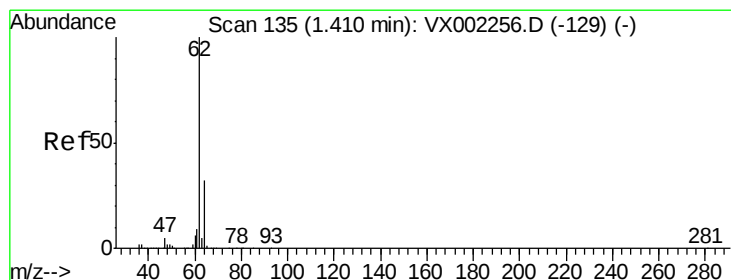
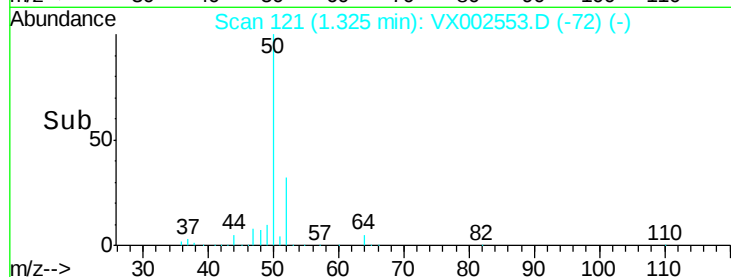
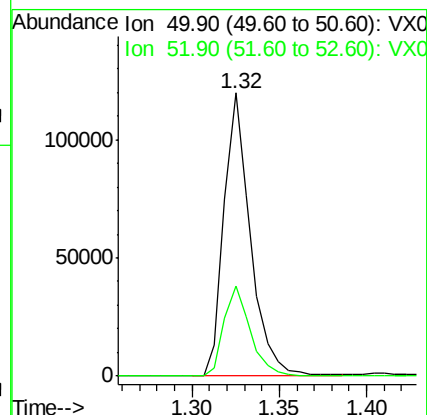
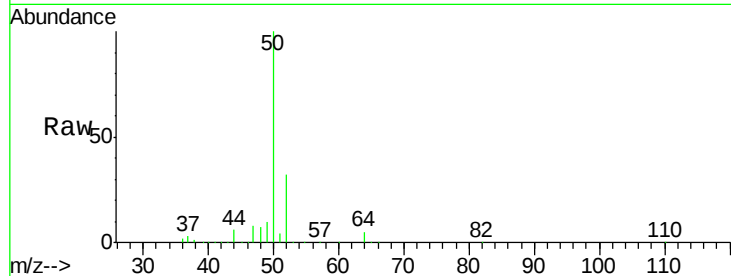
ClientSampleId :

Tot Ion: 50 Resp: 126251

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



#4

Vinyl Chloride

Concen: 47.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002553.D

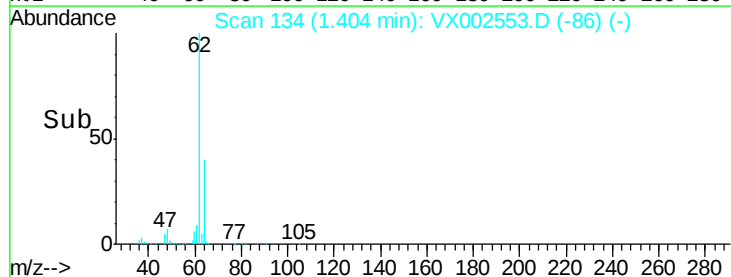
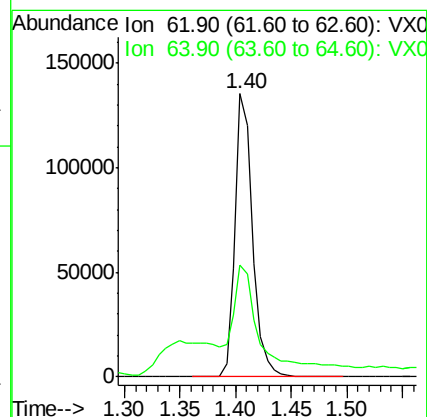
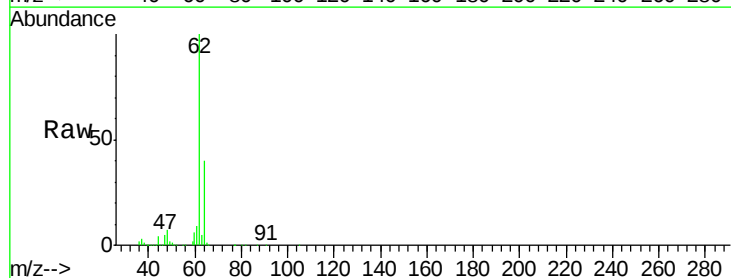
Acq: 14 Jun 2018 15:53

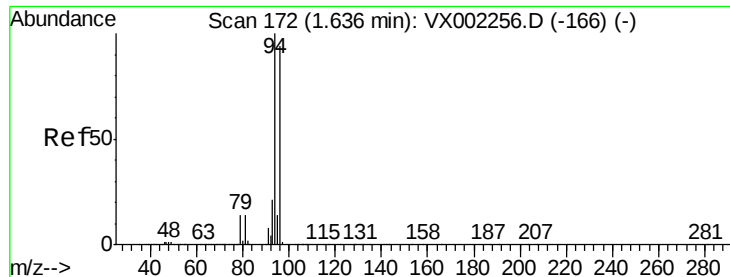
Tgt Ion: 62 Resp: 147689

Ion Ratio Lower Upper

62 100

64 35.8 25.4 38.2





#5

Bromomethane

Concen: 44.44 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

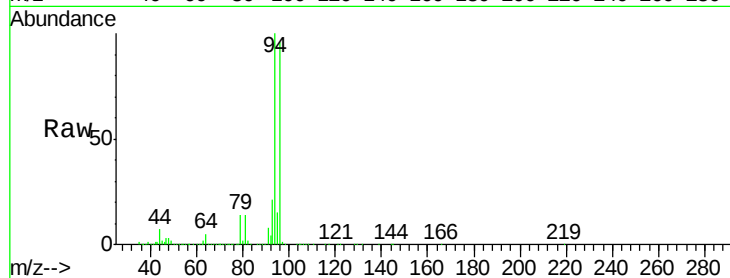
ClientSampleId :

Tot Ion: 94 Resp: 79691

Ion Ratio Lower Upper

94 100

96 96.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

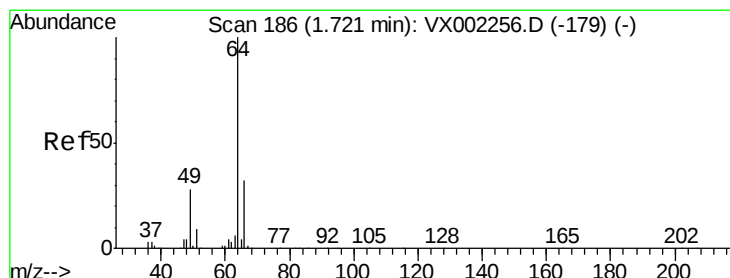
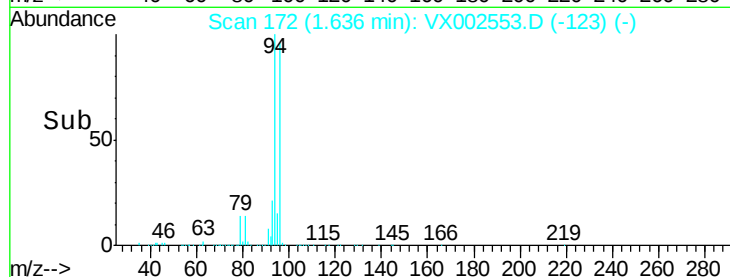
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 52.27 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002553.D

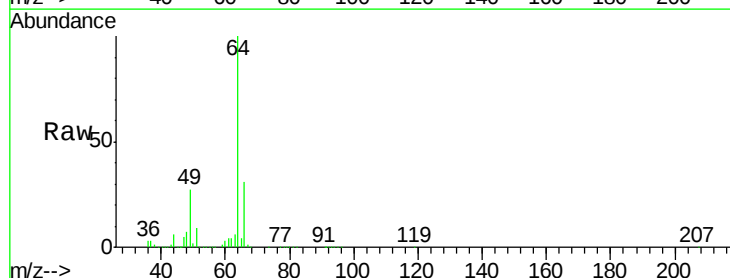
Acq: 14 Jun 2018 15:53

Tgt Ion: 64 Resp: 106245

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

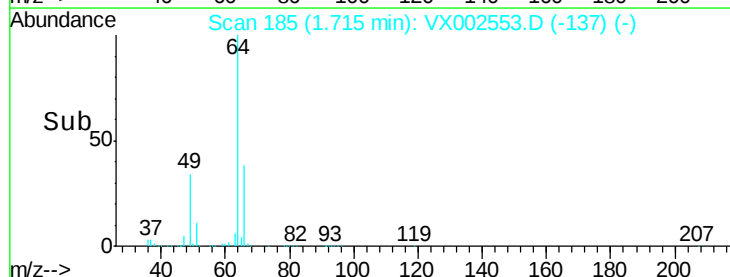
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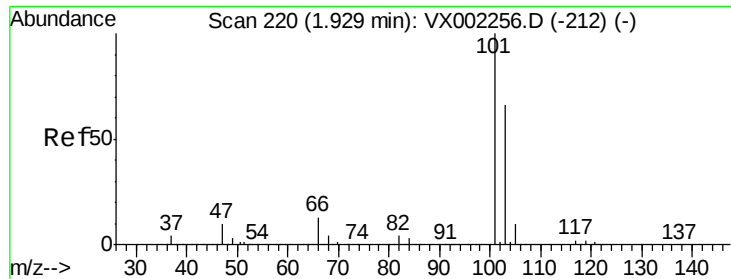
40000

20000

0

Time--> 1.60 1.70 1.80 1.90



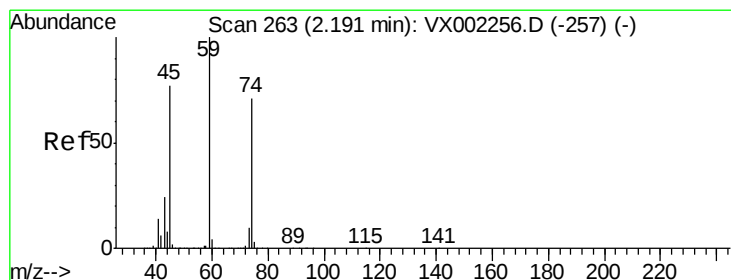
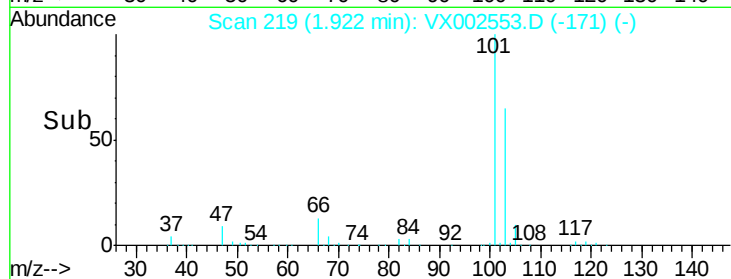
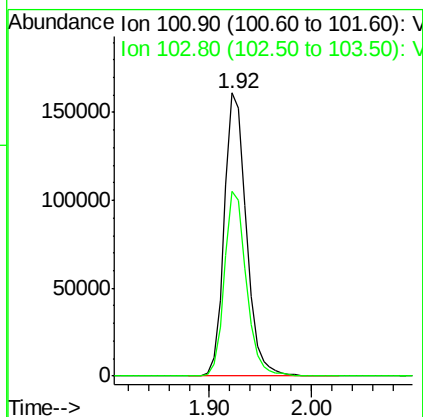
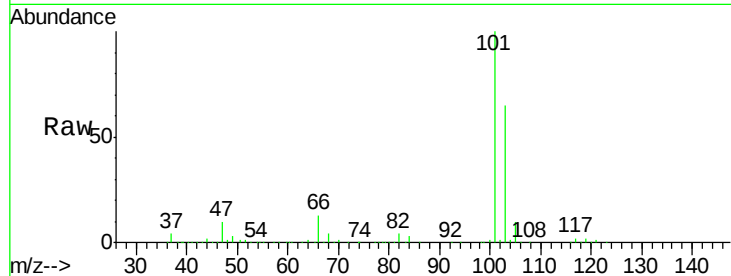


#7

Trichlorofluoromethane
 Concen: 50.55 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :

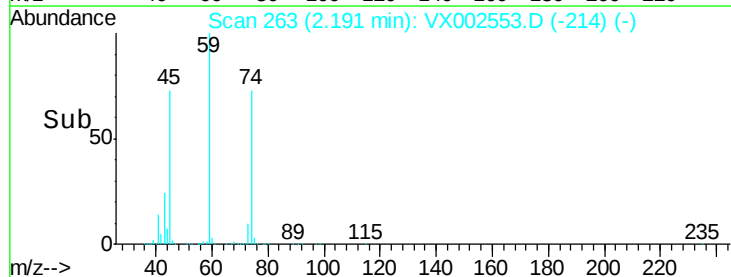
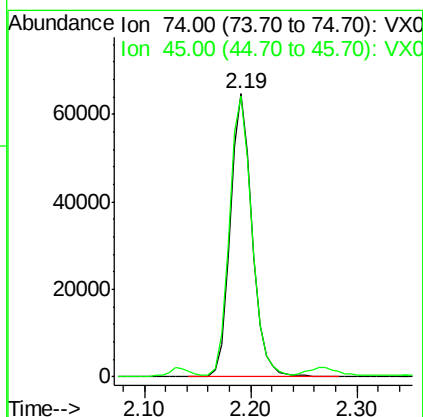
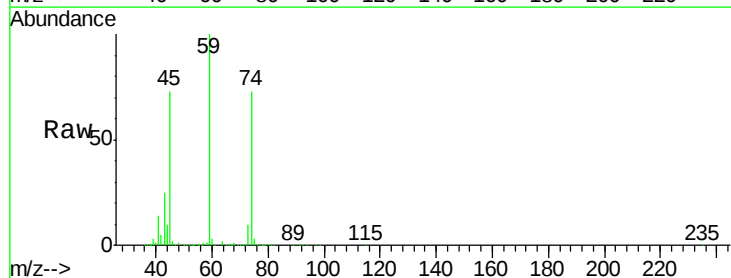
Tot Ion:101 Resp: 242032
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.8 79.2

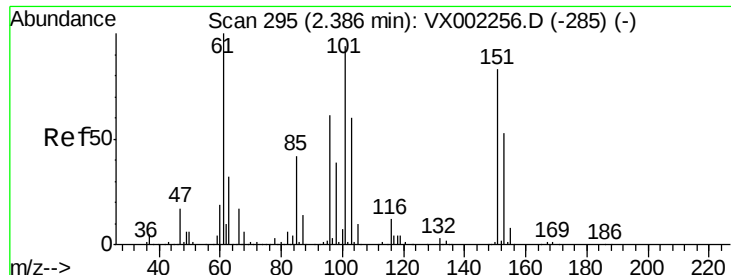


#8

Diethyl Ether
 Concen: 55.13 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 74 Resp: 93378
 Ion Ratio Lower Upper
 74 100
 45 101.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.09 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

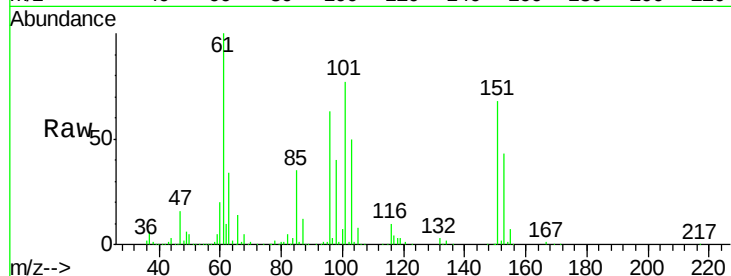
Tot Ion:101 Resp: 134585

Ion Ratio Lower Upper

101 100

85 46.2 36.0 54.0

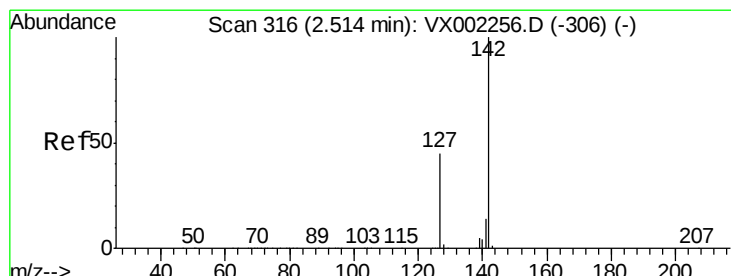
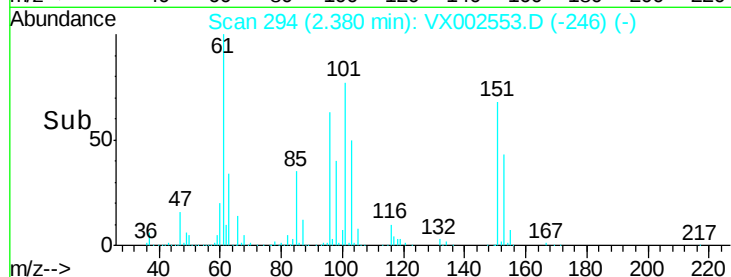
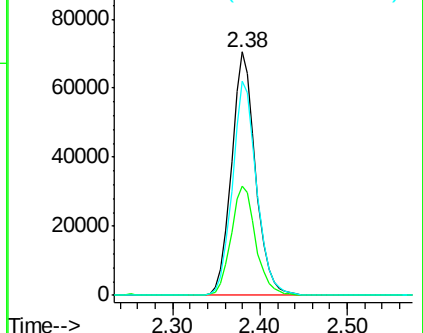
151 89.0 70.9 106.3



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: 45.72 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

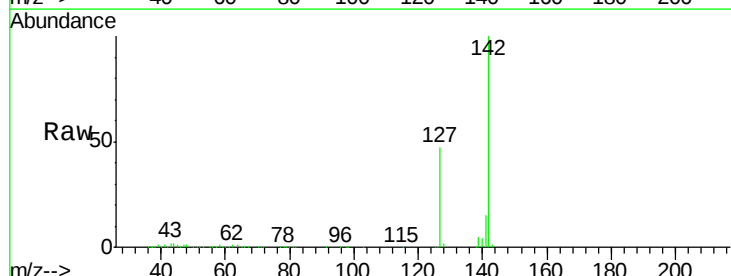
Tgt Ion:142 Resp: 166157

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

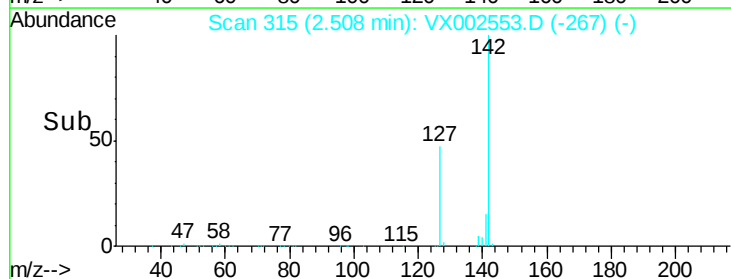
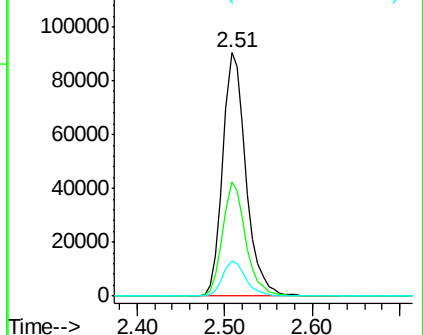
141 14.5 11.3 16.9

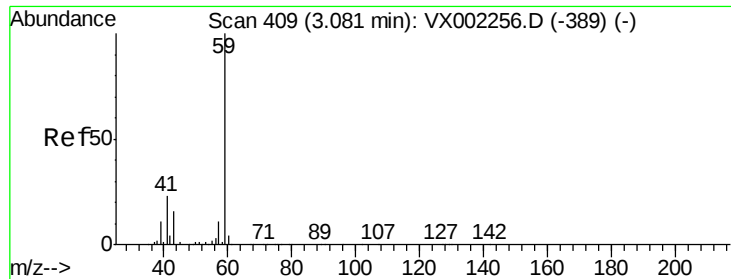


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

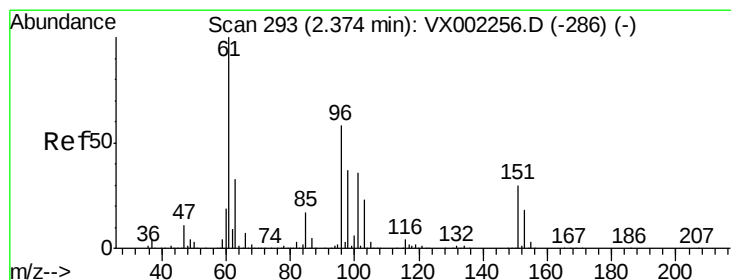
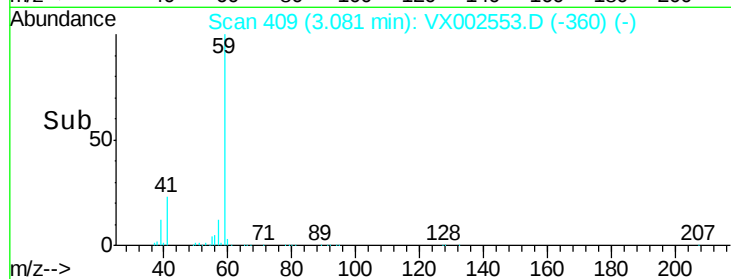
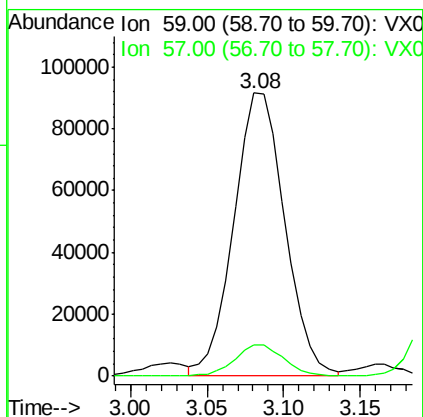
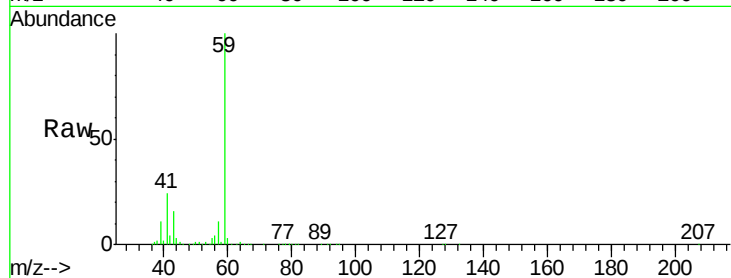




#11
Tert butyl alcohol
Concen: 307.29 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

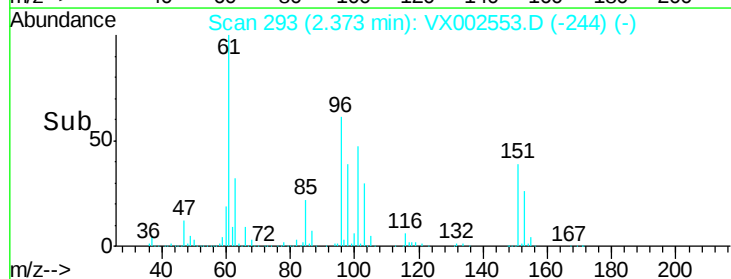
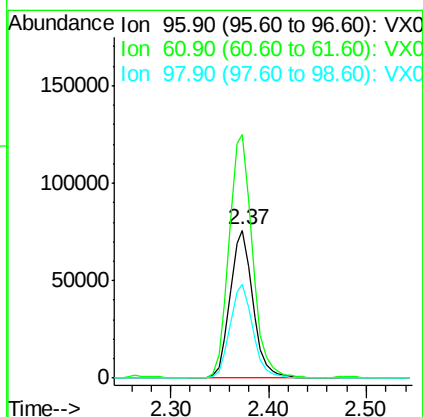
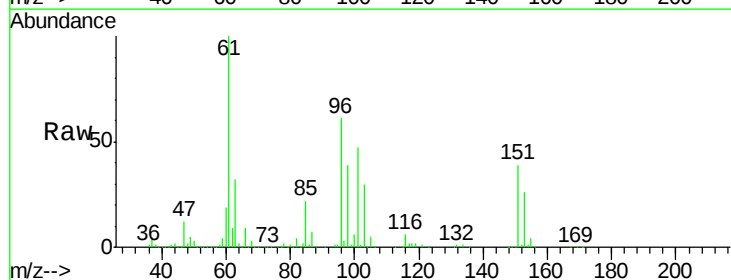
Instrument :
MSVOA_X
ClientSampleId :

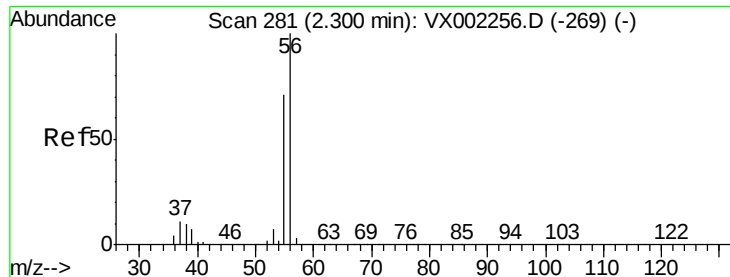
Tot Ion: 59 Resp: 212825
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.08 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 96 Resp: 122769
Ion Ratio Lower Upper
96 100
61 164.1 137.9 206.9
98 63.5 51.6 77.4





#13

Acrolein

Concen: 162.41 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

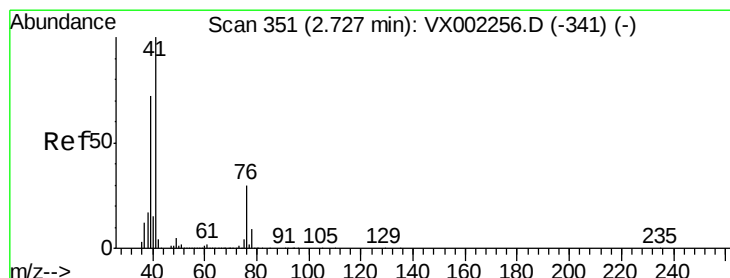
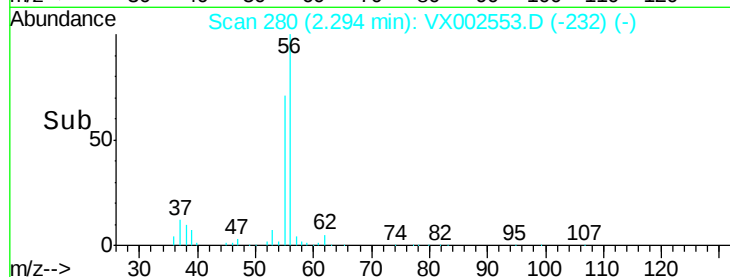
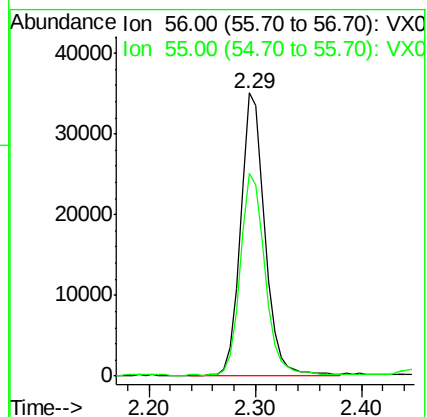
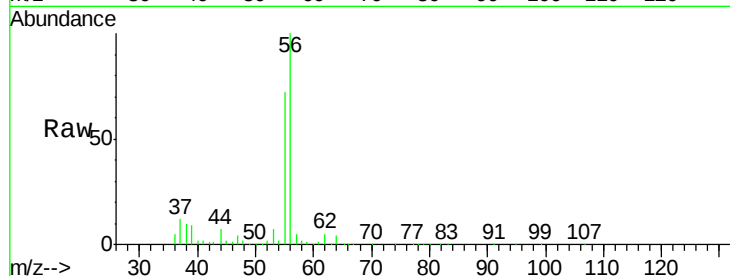
ClientSampleId :

Tot Ion: 56 Resp: 56475

Ion Ratio Lower Upper

56 100

55 72.6 57.0 85.4



#14

Allyl chloride

Concen: 45.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

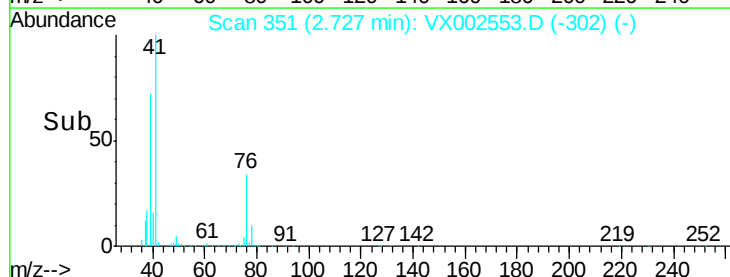
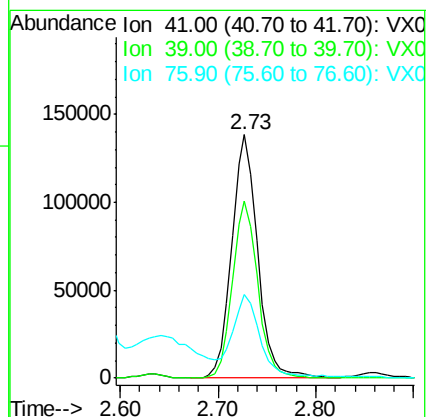
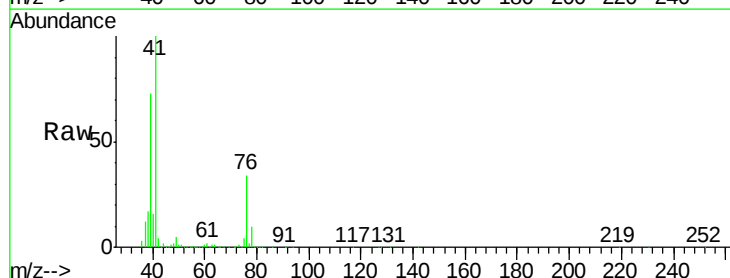
Tgt Ion: 41 Resp: 253600

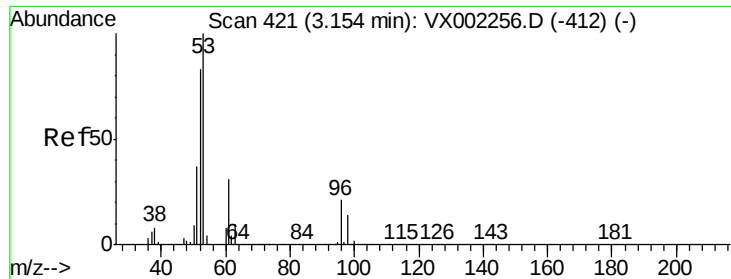
Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 37.2 23.8 35.8#





#15

Acrylonitrile

Concen: 291.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :

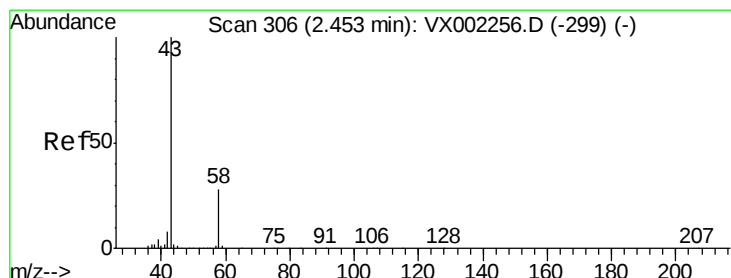
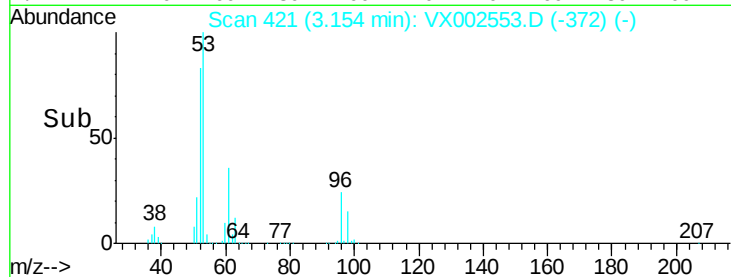
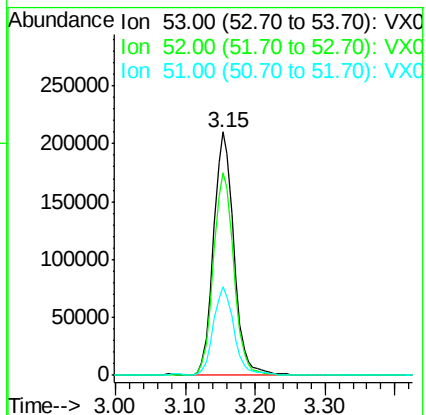
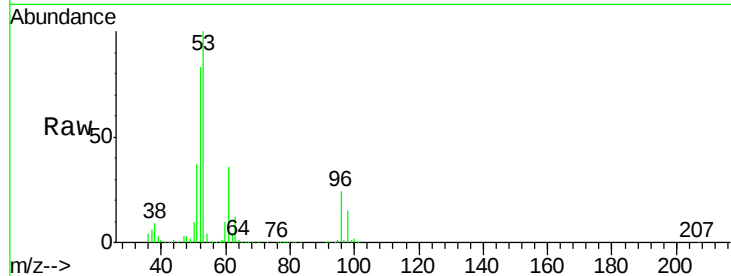
Tot Ion: 53 Resp: 423666

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

51 37.2 29.9 44.9



#16

Acetone

Concen: 328.19 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002553.D

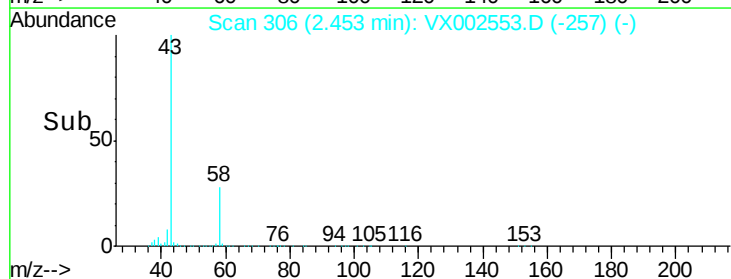
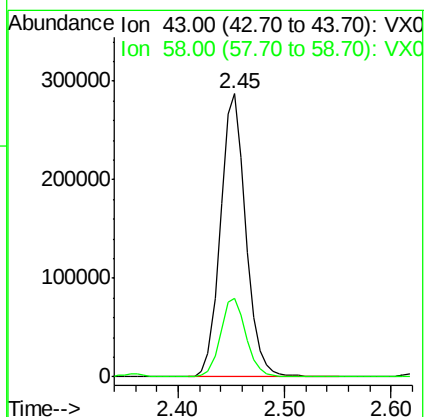
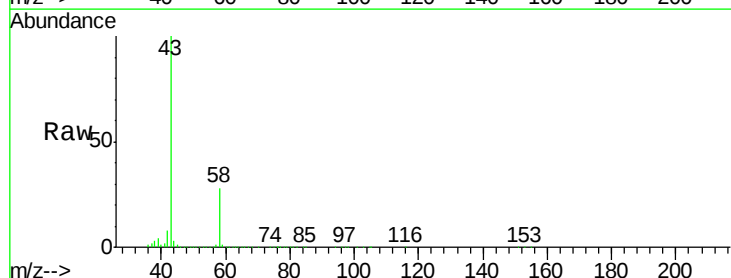
Acq: 14 Jun 2018 15:53

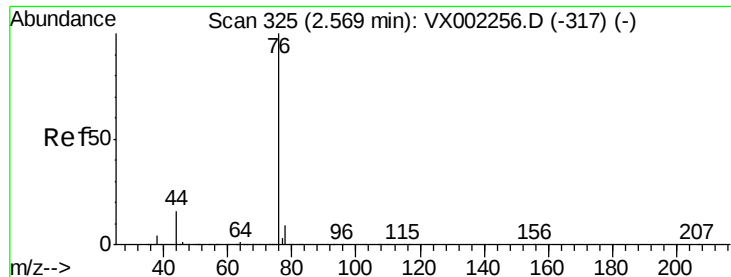
Tgt Ion: 43 Resp: 475287

Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1

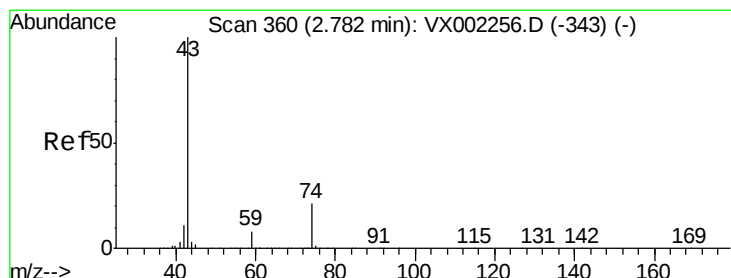
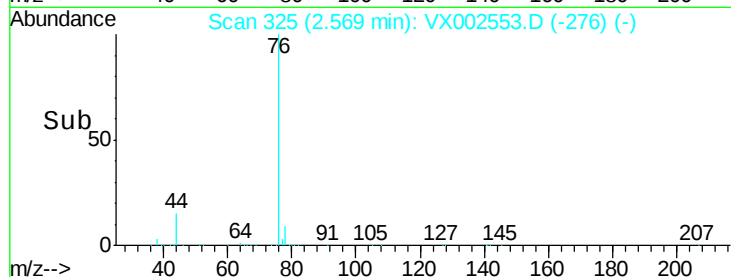
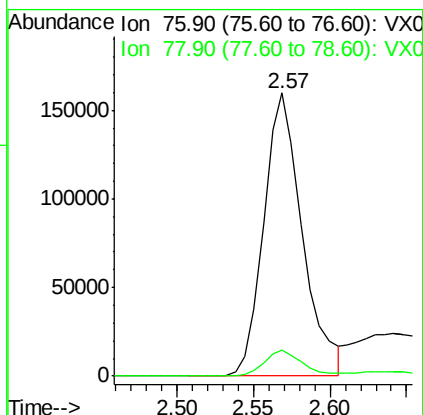
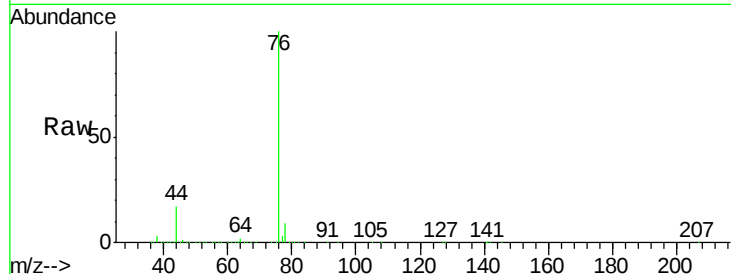




#17
Carbon Disulfide
Concen: 41.77 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

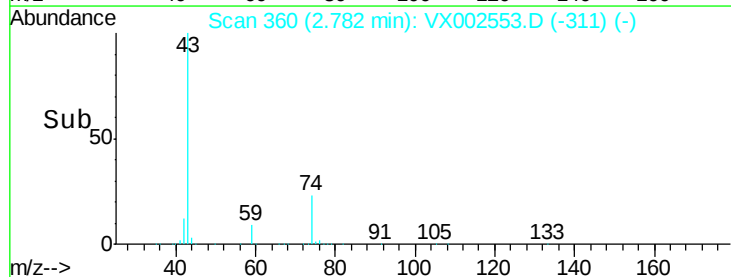
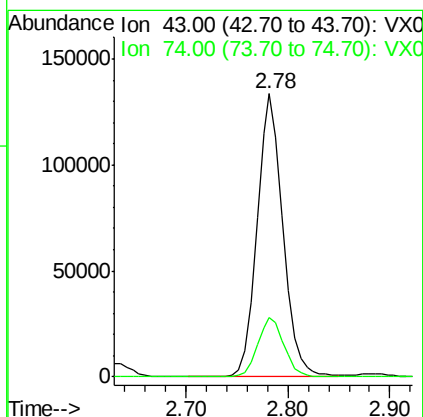
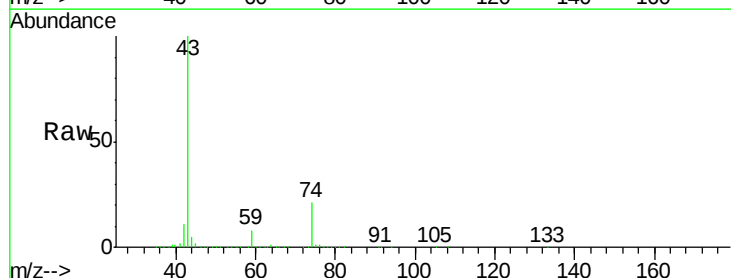
Instrument :
MSVOA_X
ClientSampled :

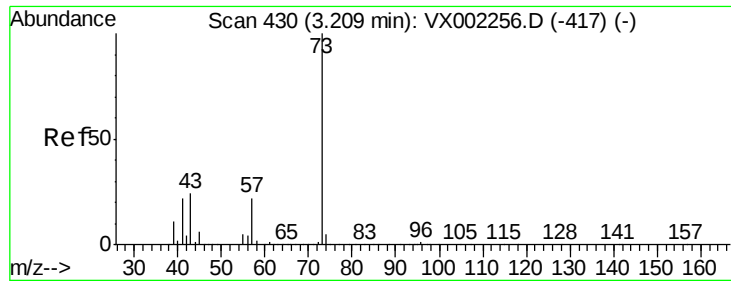
Tot Ion: 76 Resp: 281126
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 69.39 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 43 Resp: 234845
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1

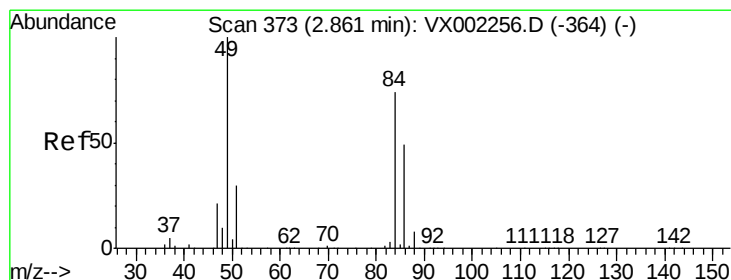
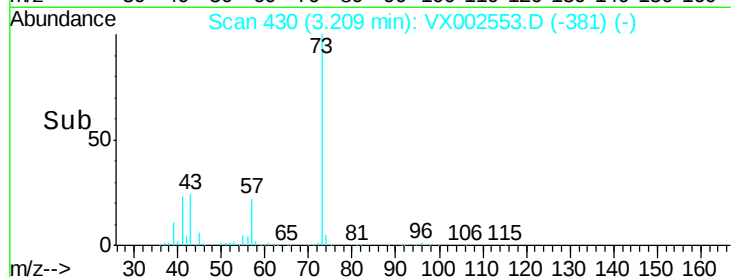
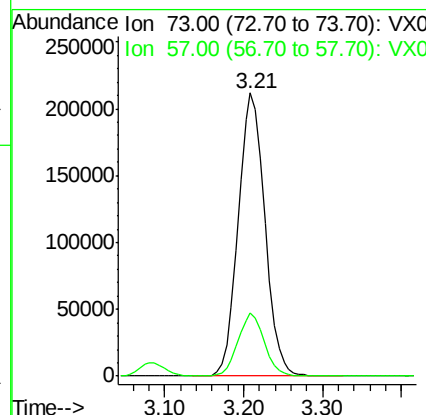
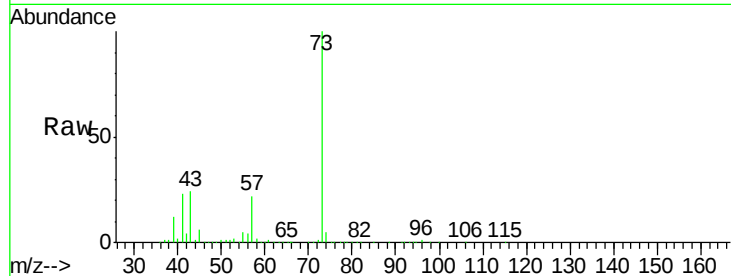




#19
Methvl tert-butvl Ether
Concen: 56.29 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

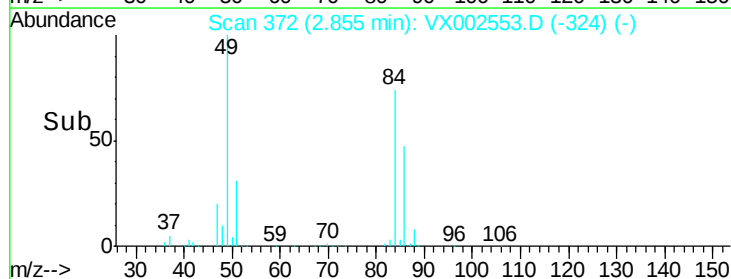
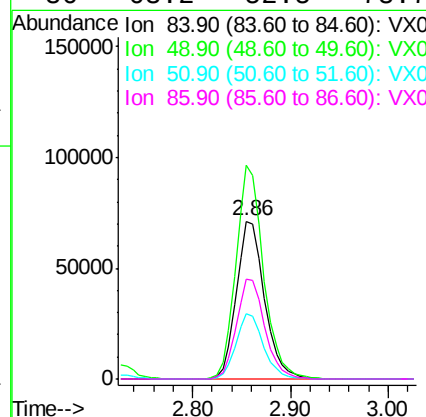
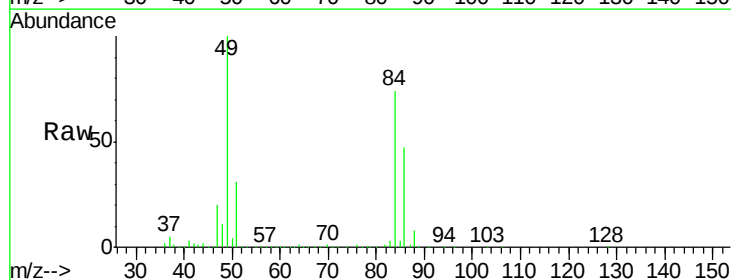
Instrument :
MSVOA_X
ClientSampled :

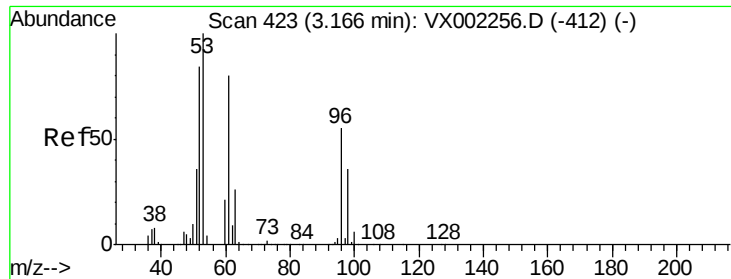
Tot Ion: 73 Resp: 497815
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 52.60 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 84 Resp: 142262
Ion Ratio Lower Upper
84 100
49 135.1 107.8 161.6
51 41.4 32.8 49.2
86 63.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.20 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampled :

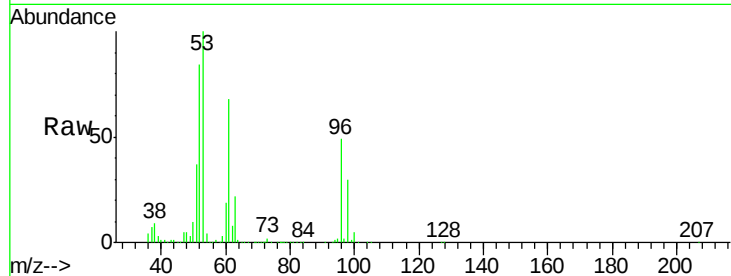
Tot Ion: 96 Resp: 132895

Ion Ratio Lower Upper

96 100

61 139.6 117.0 175.4

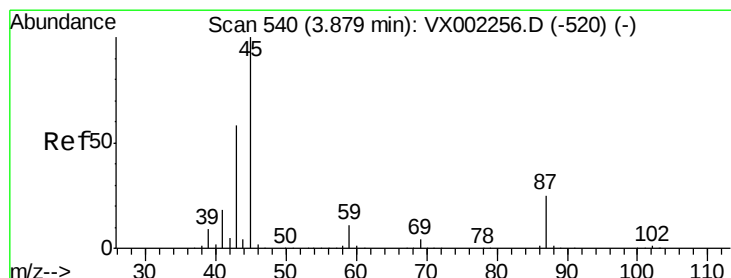
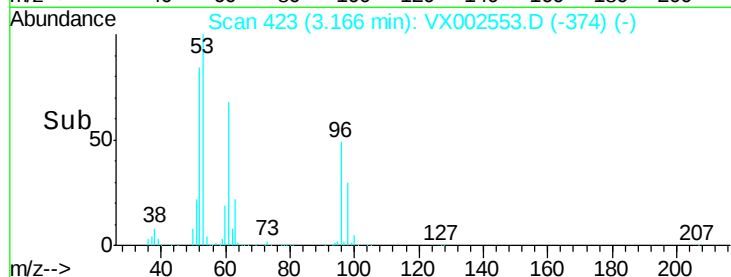
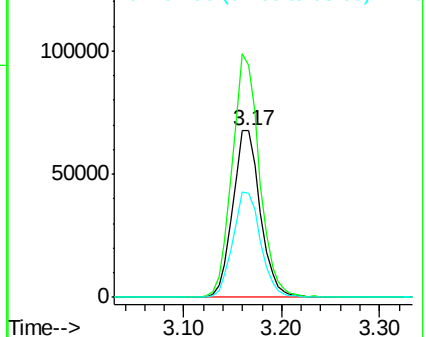
98 62.6 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.07 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Tgt Ion: 45 Resp: 472506

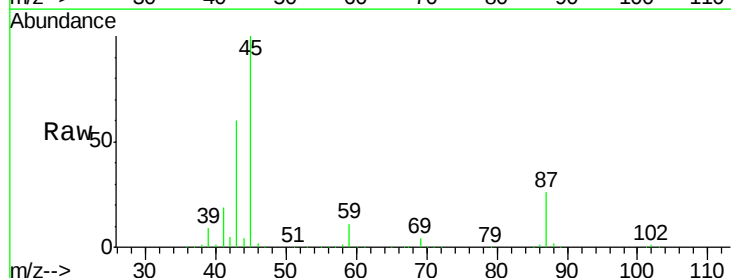
Ion Ratio Lower Upper

45 100

43 59.7 46.8 70.2

87 26.2 20.2 30.4

59 11.3 8.7 13.1

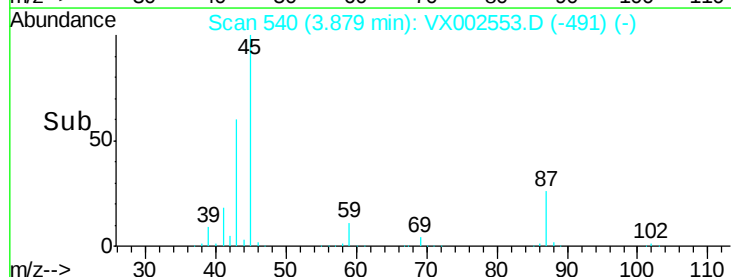
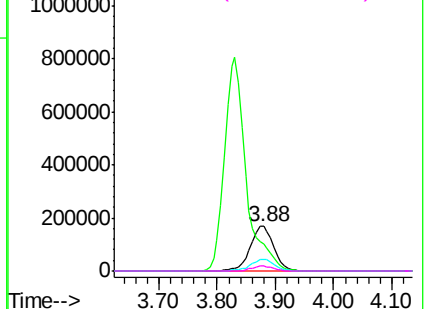


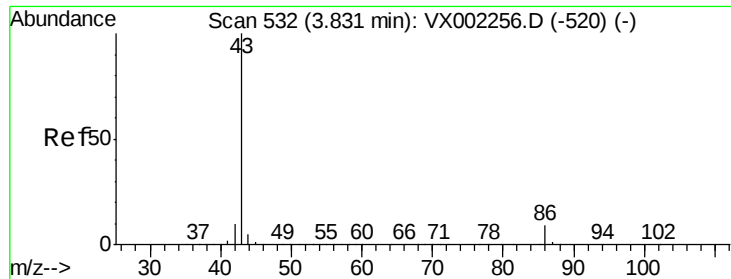
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 231.88 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

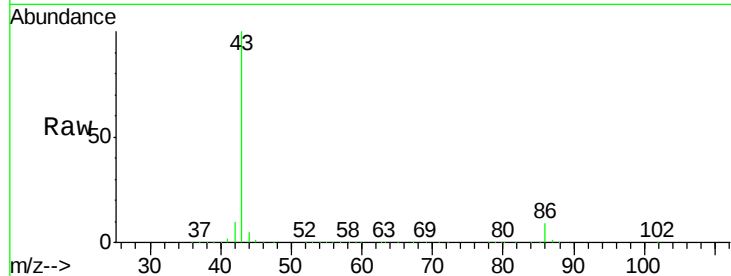
ClientSampleId :

Tot Ion: 43 Resp: 2083032

Ion Ratio Lower Upper

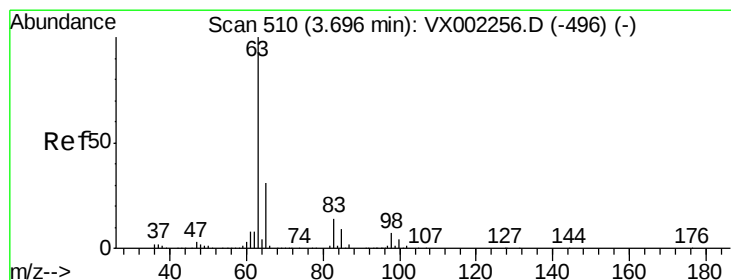
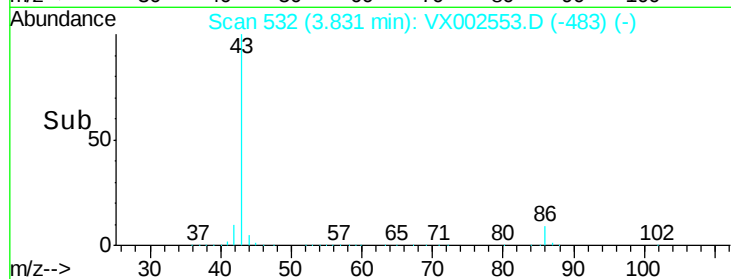
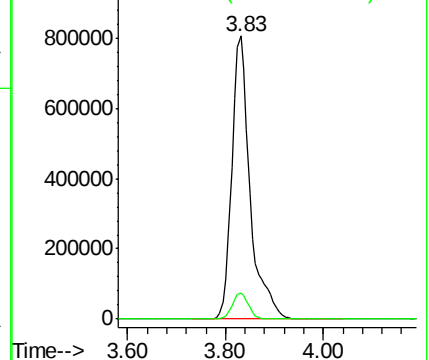
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.21 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

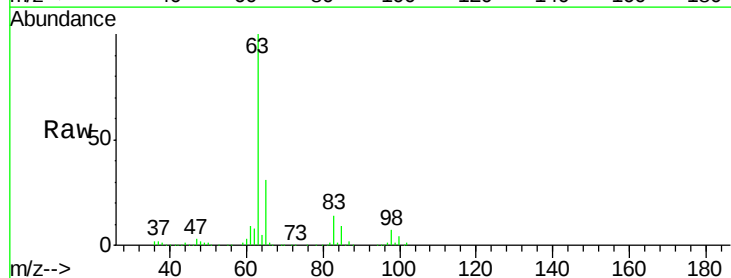
Tgt Ion: 63 Resp: 247629

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

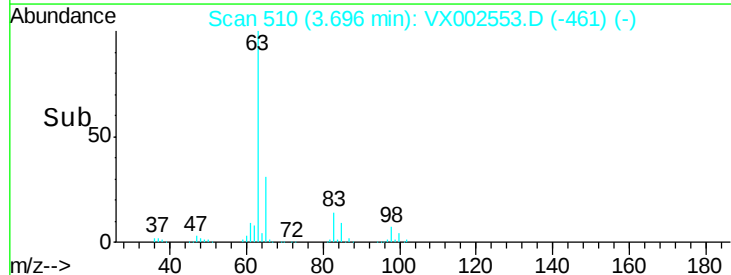
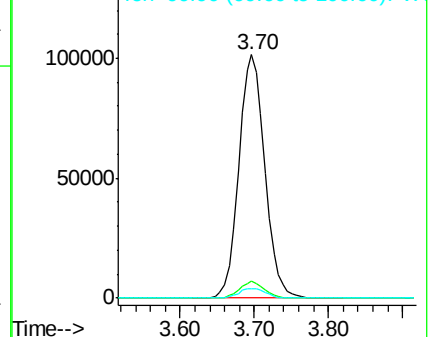
100 4.0 2.0 6.0

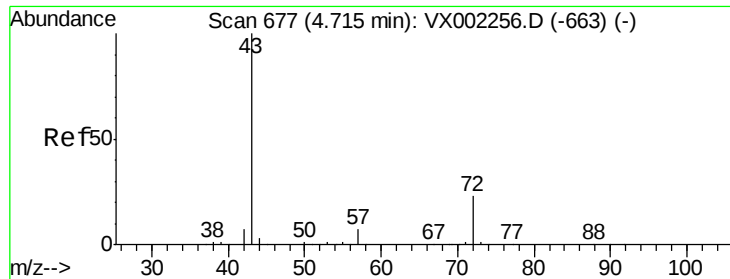


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 369.25 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

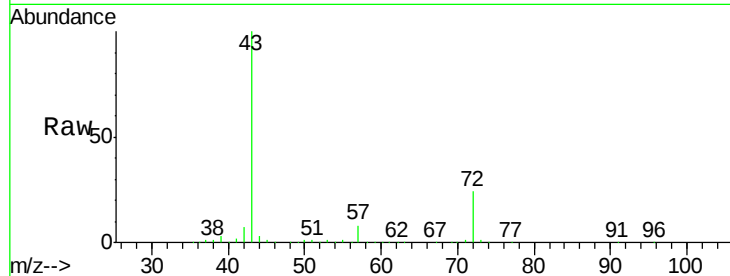
ClientSampled :

Tot Ion: 43 Resp: 868402

Ion Ratio Lower Upper

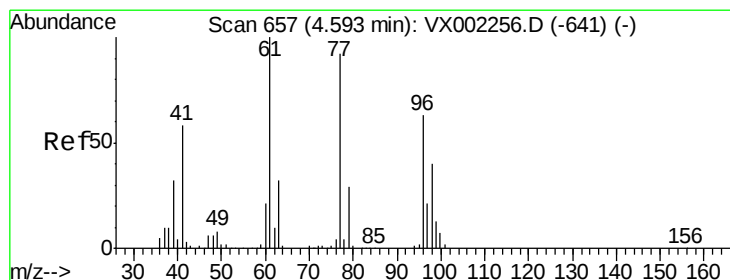
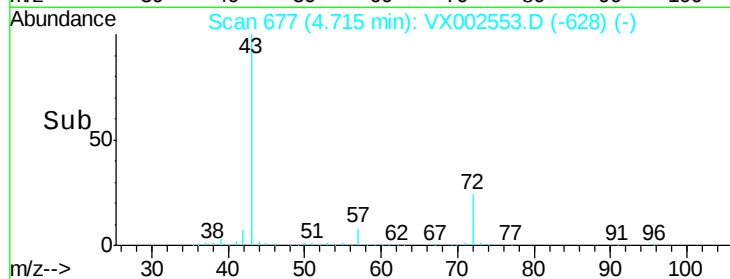
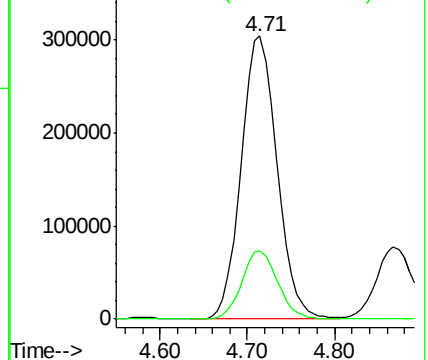
43 100

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



#26

2,2-Dichloropropane

Concen: 42.50 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002553.D

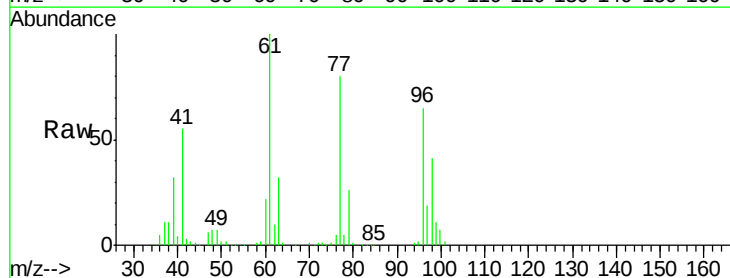
Acq: 14 Jun 2018 15:53

Tgt Ion: 77 Resp: 181932

Ion Ratio Lower Upper

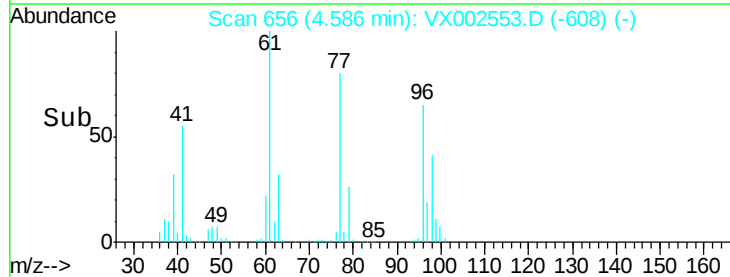
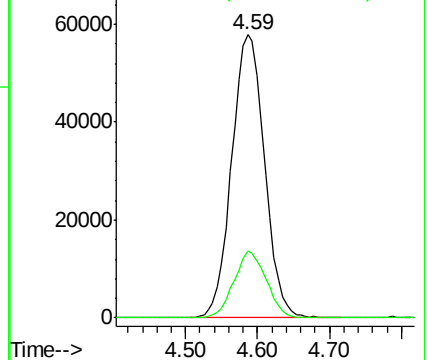
77 100

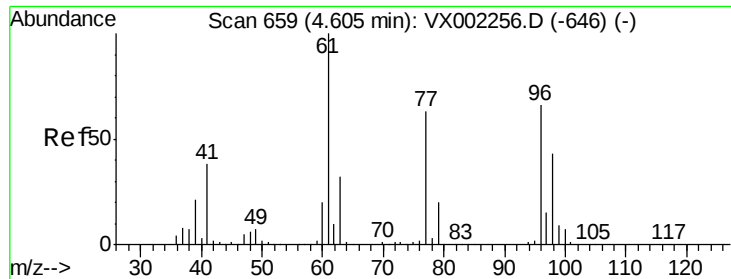
97 23.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 57.73 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampled :

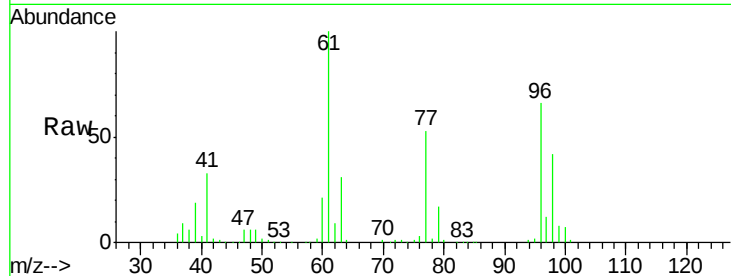
Tot Ion: 96 Resp: 176797

Ion Ratio Lower Upper

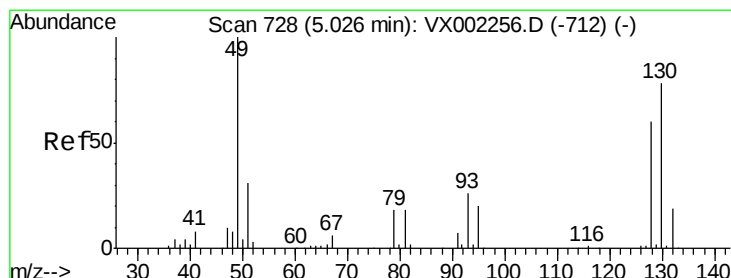
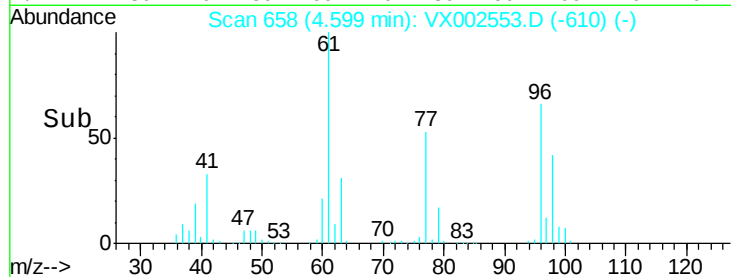
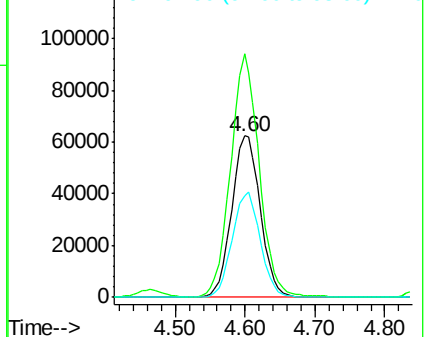
96 100

61 150.2 0.0 330.2

98 64.1 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: 52.90 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

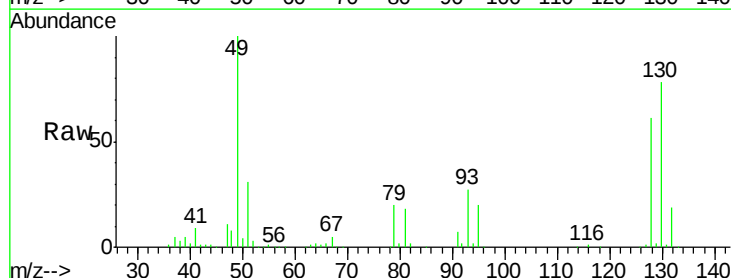
Tgt Ion: 49 Resp: 122742

Ion Ratio Lower Upper

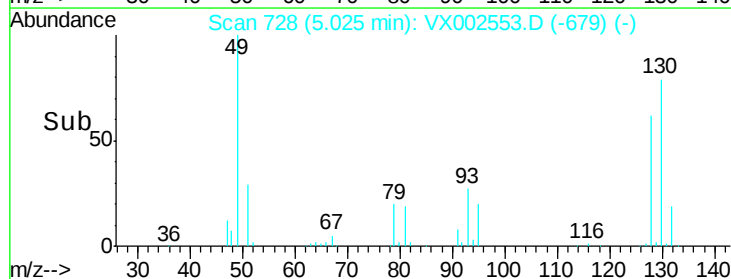
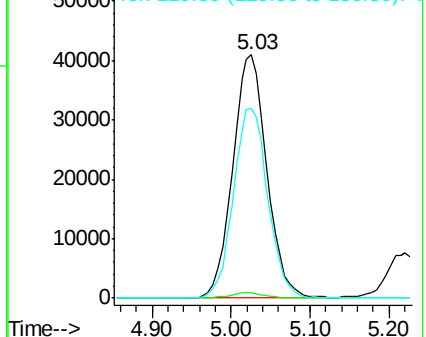
49 100

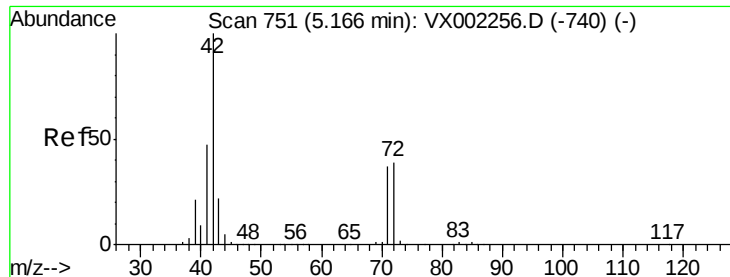
129 2.2 0.0 4.2

130 78.9 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

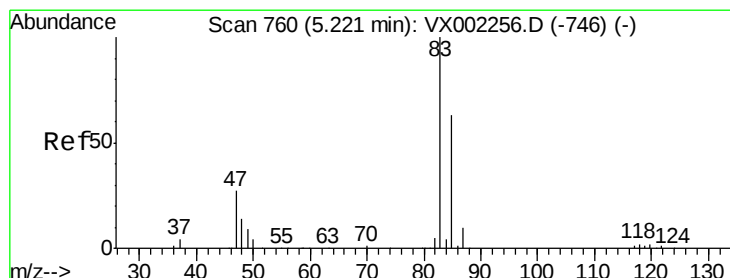
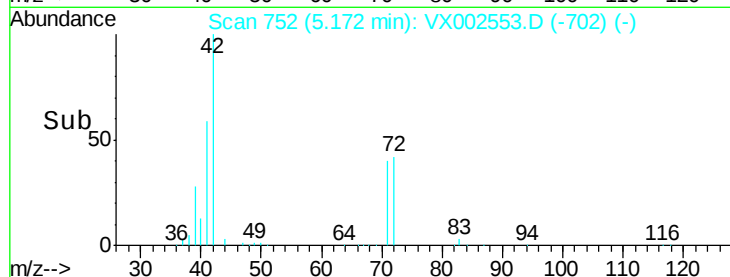
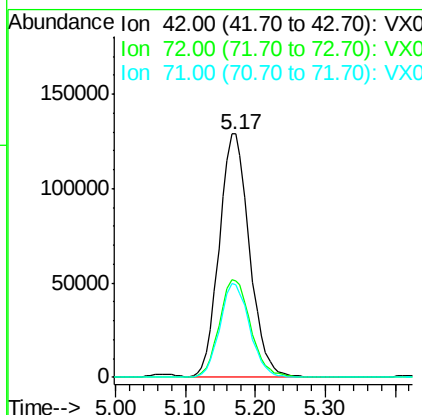
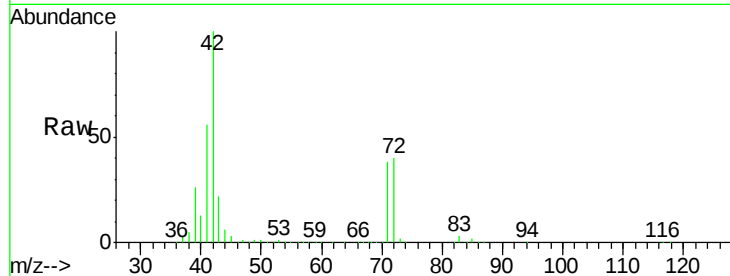




#29
Tetrahydrofuran
Concen: 253.80 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

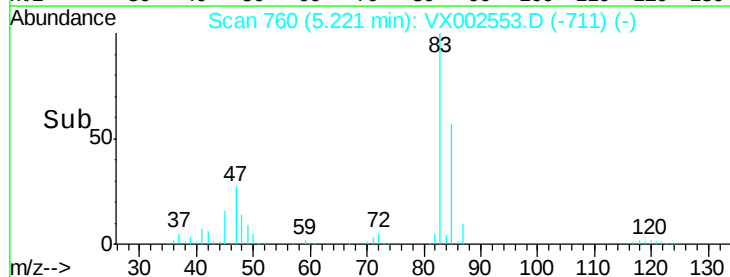
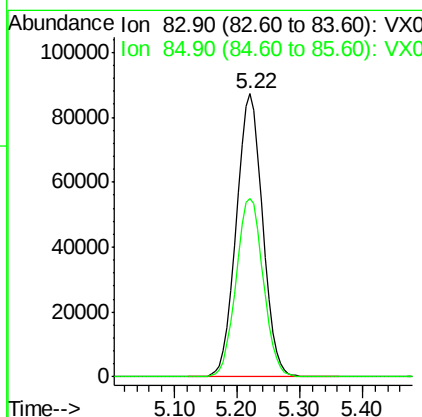
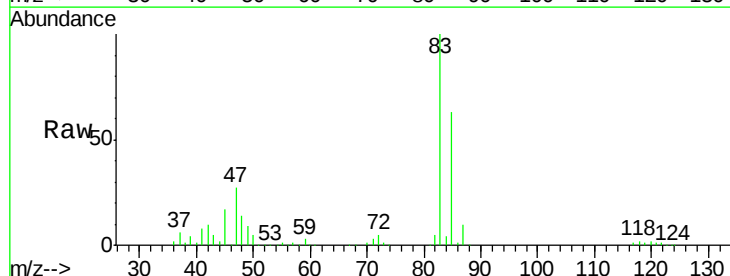
Instrument :
MSVOA_X
ClientSampleId :

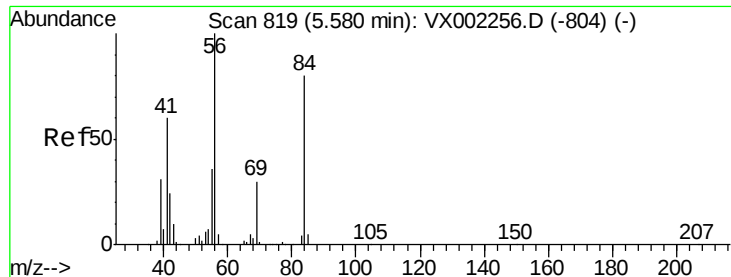
Tot Ion: 42 Resp: 384836
Ion Ratio Lower Upper
42 100
72 41.8 32.0 48.0
71 38.2 30.1 45.1



#30
Chloroform
Concen: 47.96 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 83 Resp: 253444
Ion Ratio Lower Upper
83 100
85 63.2 50.4 75.6





#31

Cyclohexane

Concen: 44.87 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampled :

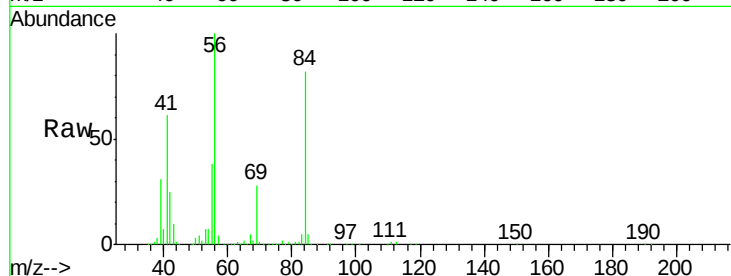
Tot Ion: 56 Resp: 194322

Ion Ratio Lower Upper

56 100

69 28.3 23.7 35.5

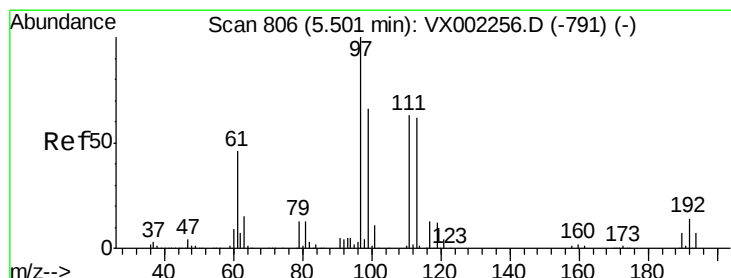
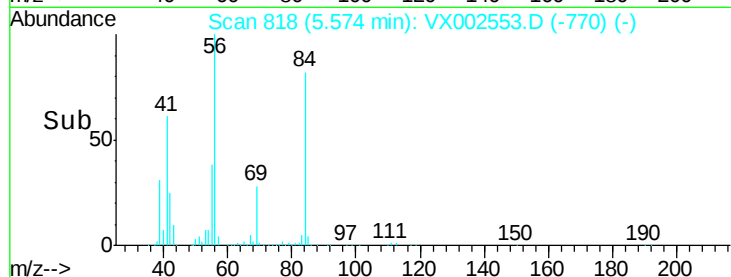
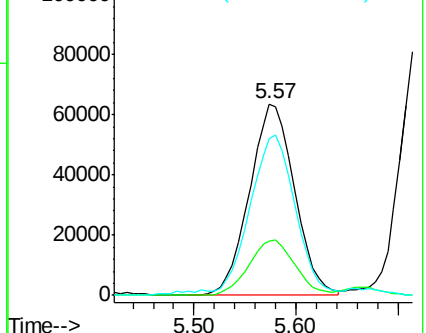
84 79.4 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.85 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

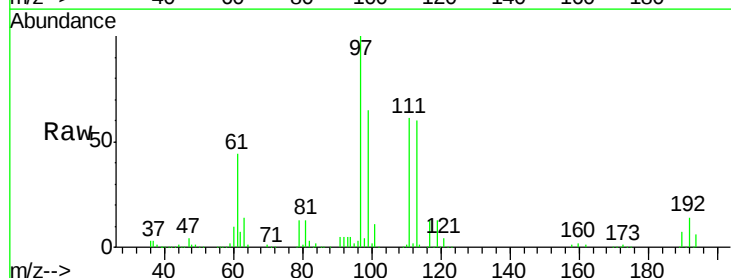
Tgt Ion: 97 Resp: 218957

Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

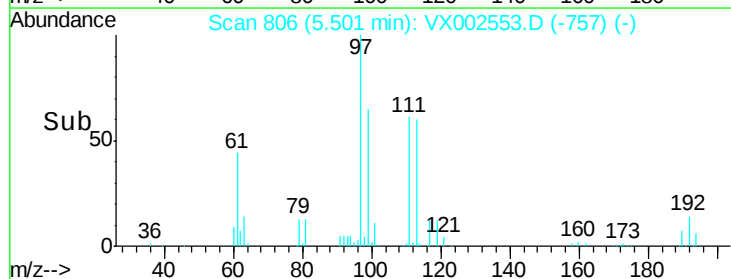
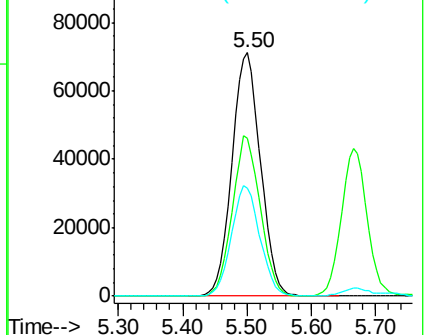
61 45.6 36.4 54.6

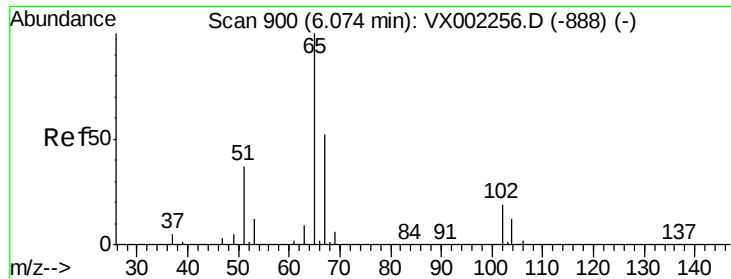


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

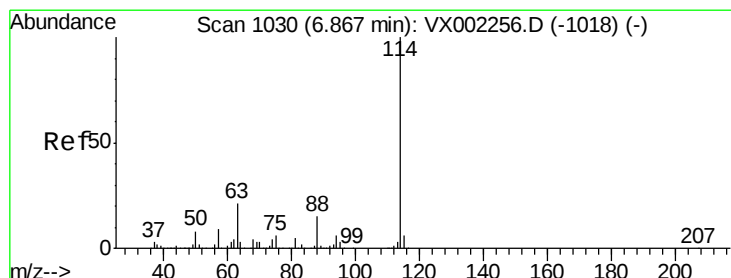
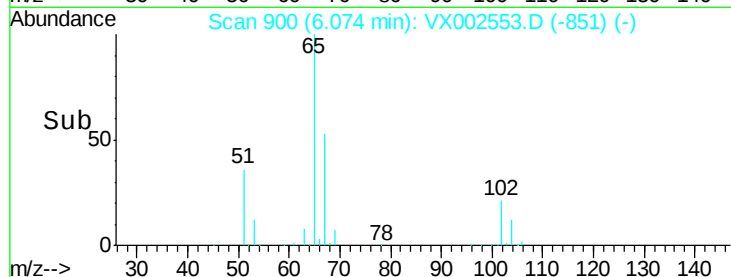
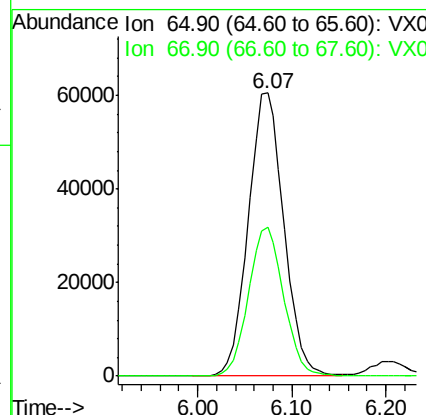
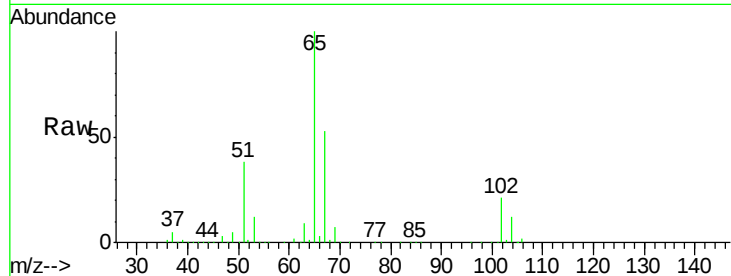




#33
 1,2-Dichloroethane-d4
 Concen: 46.52 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

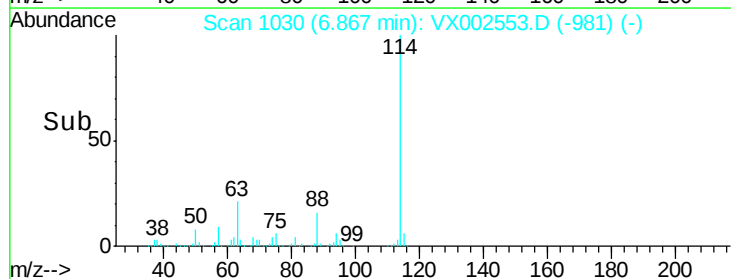
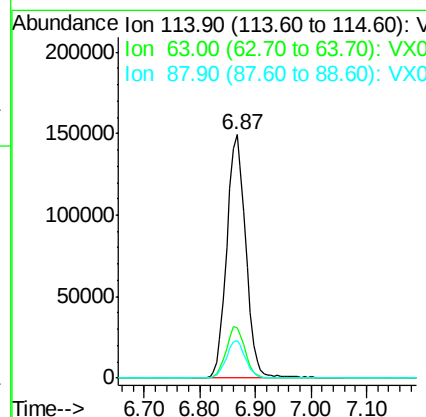
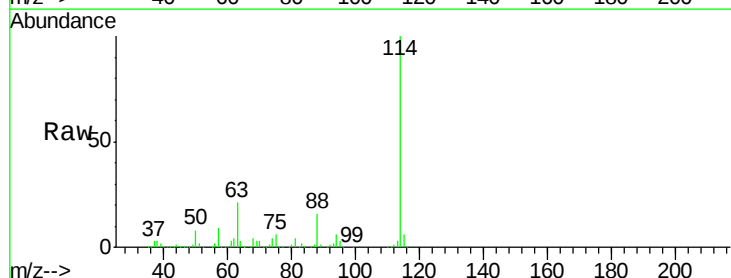
Instrument :
 MSVOA_X
 ClientSampleId :

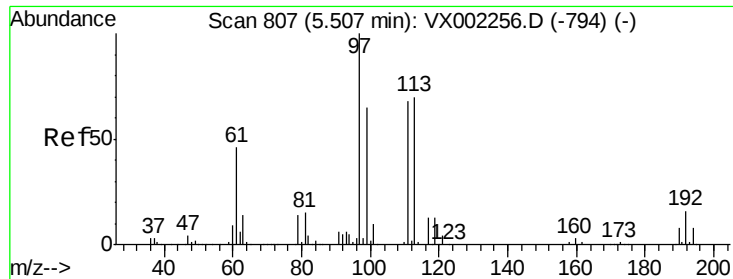
Tot Ion: 65 Resp: 160373
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 114 Resp: 354913
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.5 0.0 30.0

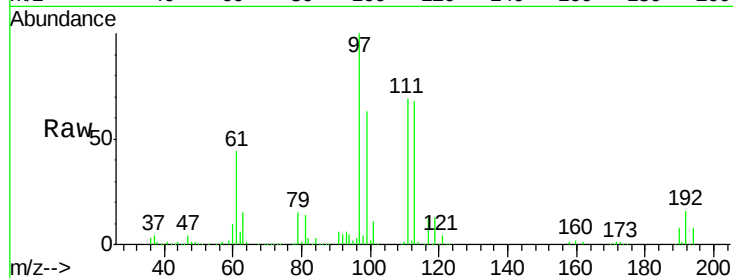




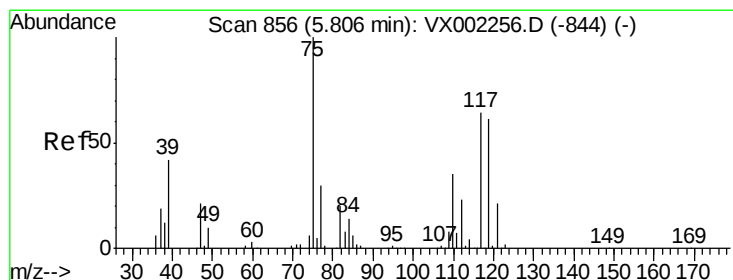
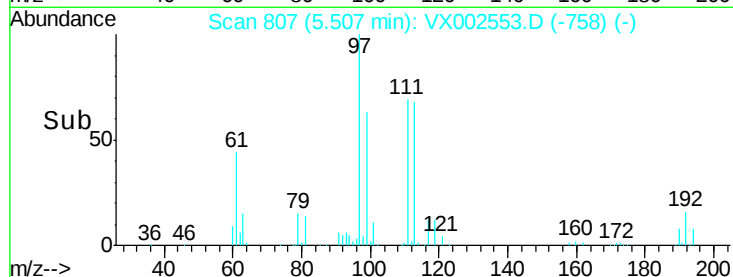
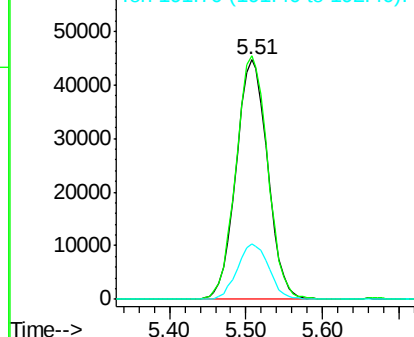
#35
Dibromofluoromethane
Concen: 45.73 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 127630
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 23.2 19.1 28.7

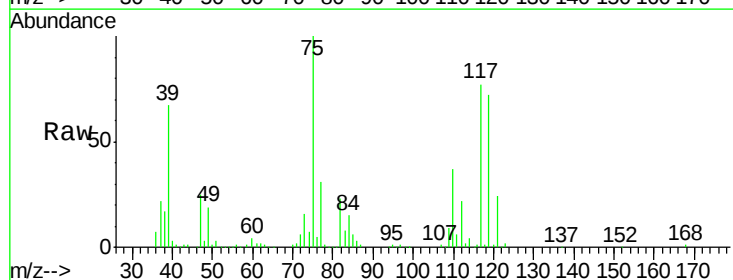


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

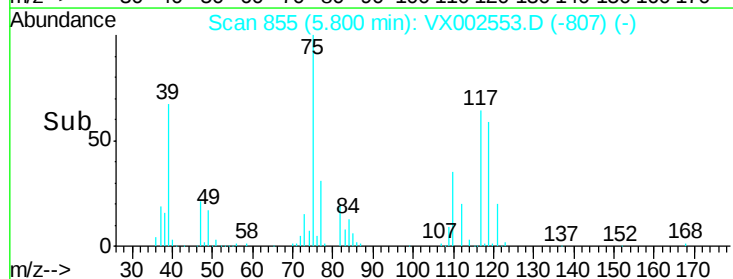
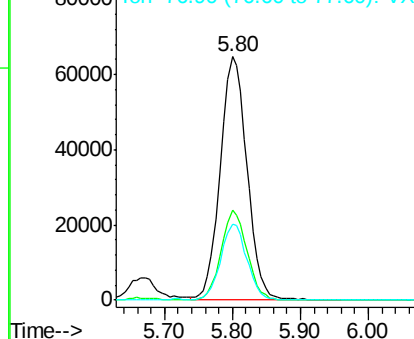


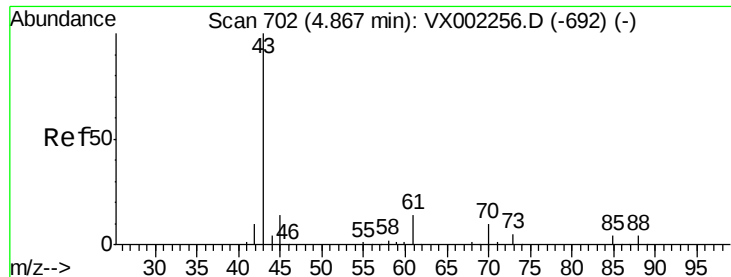
#36
1,1-Dichloropropene
Concen: 47.30 ug/l
RT: 5.80 min Scan# 856
Delta R.T. -0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 75 Resp: 176483
Ion Ratio Lower Upper
75 100
110 35.8 18.1 54.4
77 30.2 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

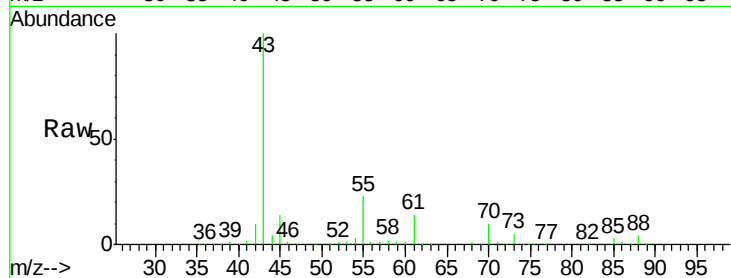




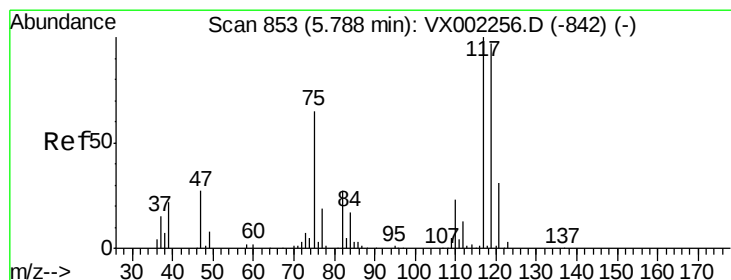
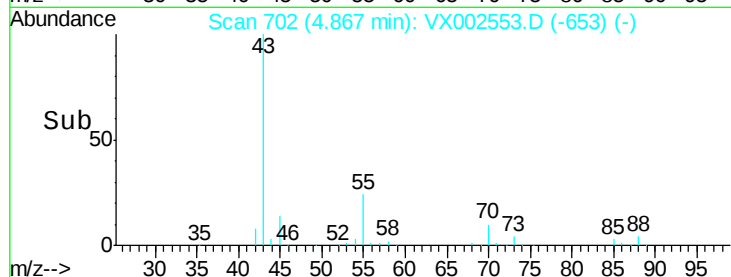
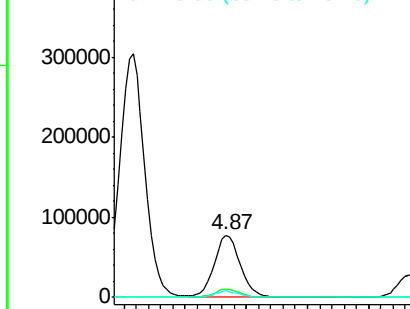
#37
Ethyl Acetate
Concen: 51.39 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 230607
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.3 7.6 11.4

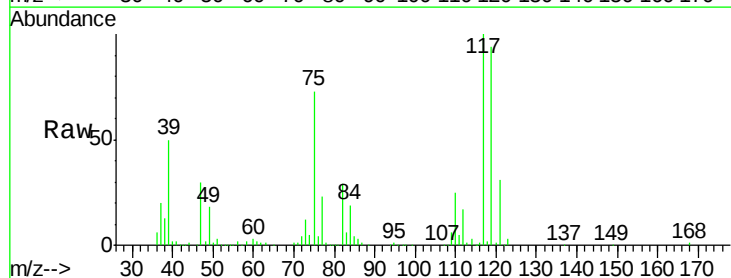


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

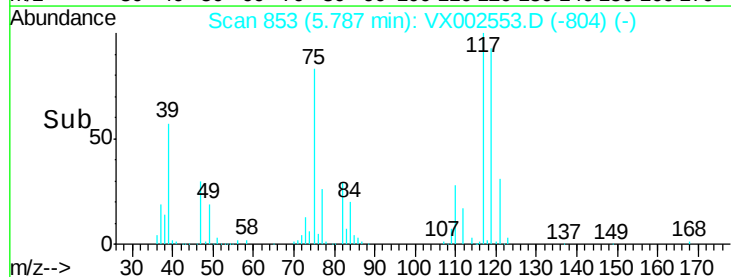
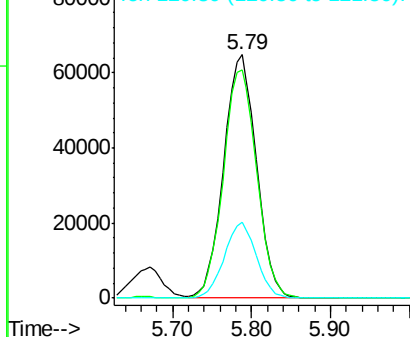


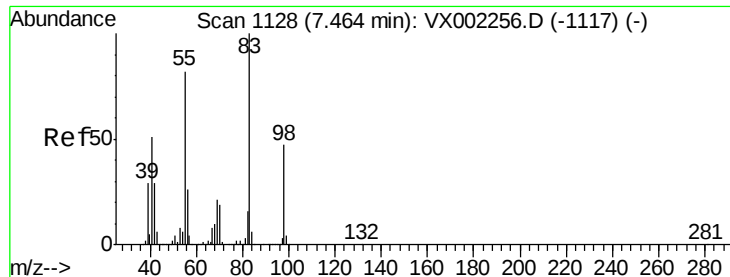
#38
Carbon Tetrachloride
Concen: 48.15 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 117 Resp: 187948
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.0
121 31.1 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

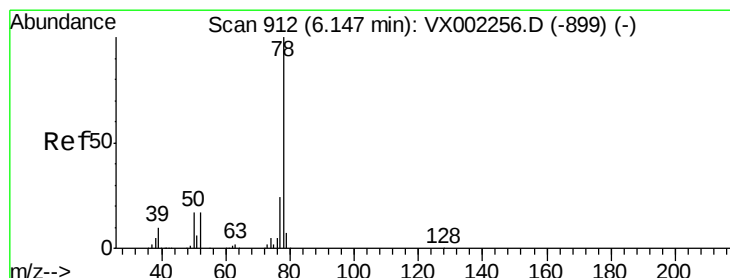
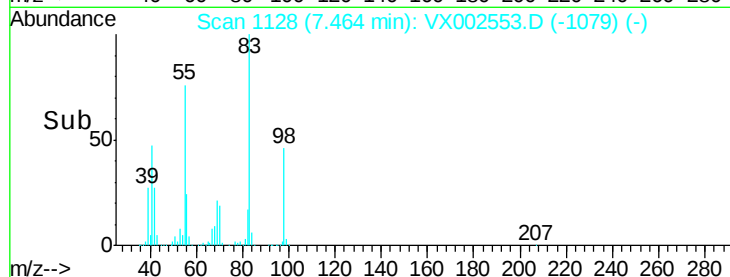
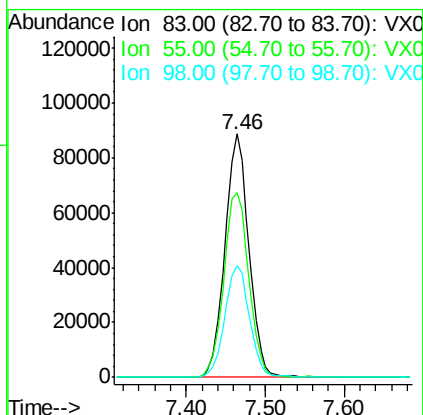
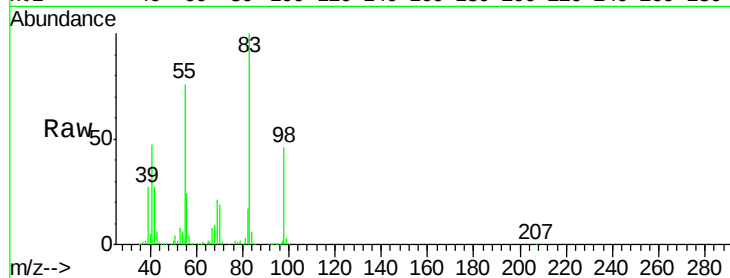




#39
Methvlcvclohexane
Concen: 40.66 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

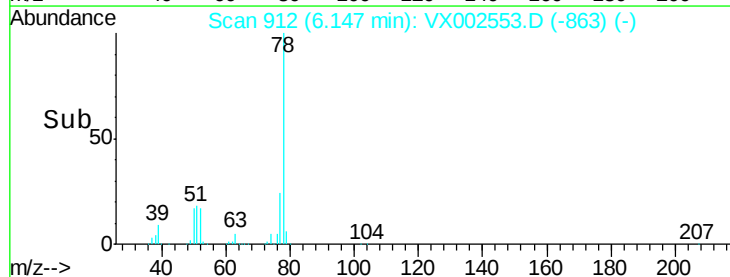
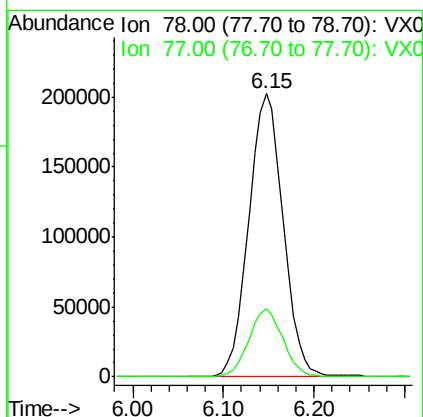
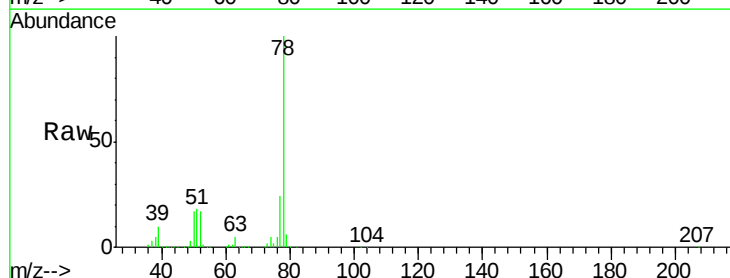
Instrument :
MSVOA_X
ClientSampleId :

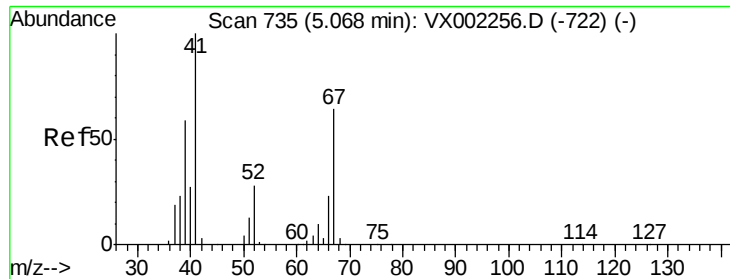
Tot Ion: 83 Resp: 187205
Ion Ratio Lower Upper
83 100
55 75.8 65.4 98.0
98 45.8 37.4 56.0



#40
Benzene
Concen: 46.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 78 Resp: 532759
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

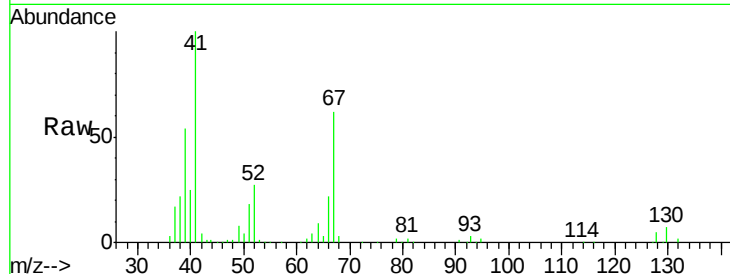




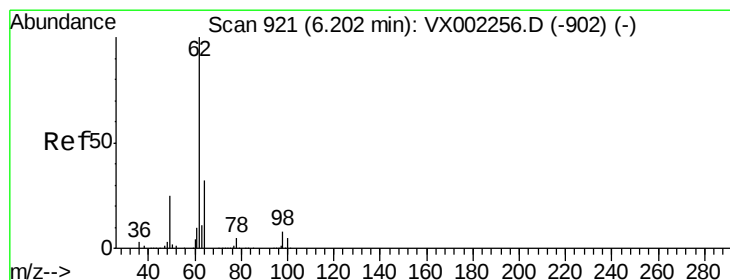
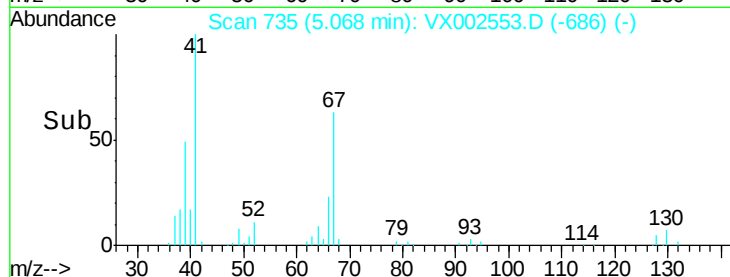
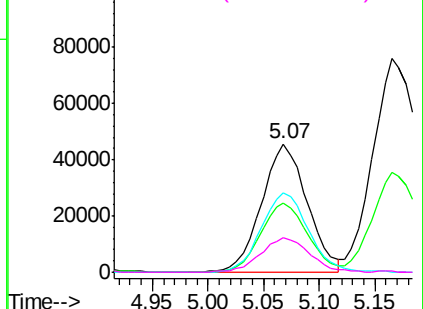
#41
Methacrylonitrile
Concen: 50.39 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	129430
Ion	Ratio	Lower	Upper
41	100		
39	56.0	45.8	68.6
67	64.6	51.3	76.9
52	28.2	23.0	34.6

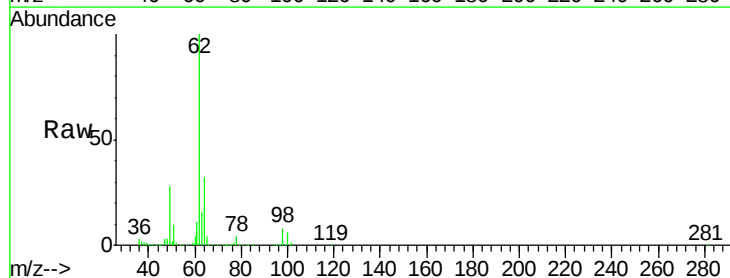


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

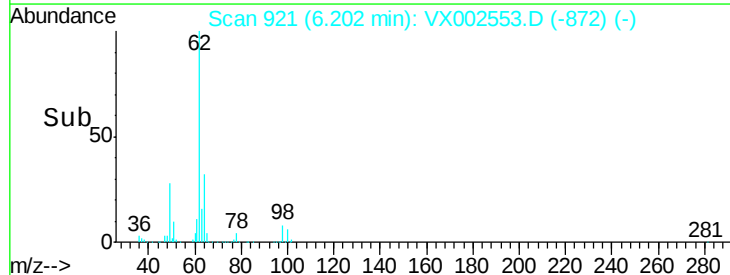
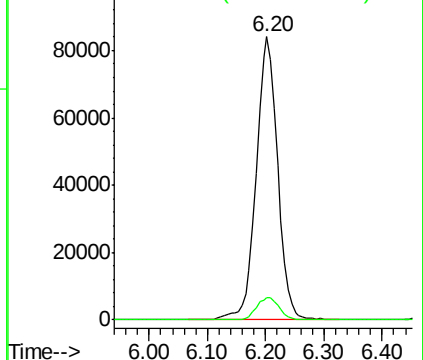


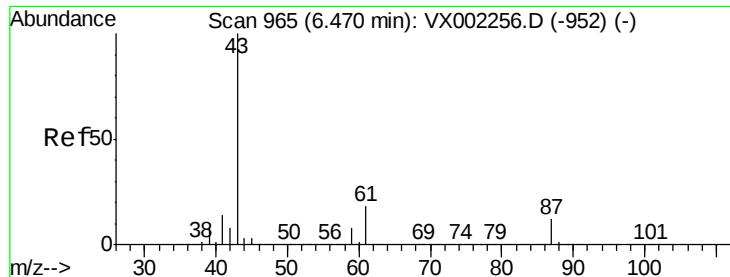
#42
1,2-Dichloroethane
Concen: 47.32 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion:	62	Resp:	215064
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



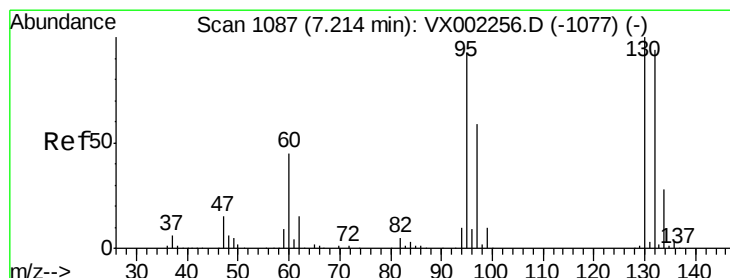
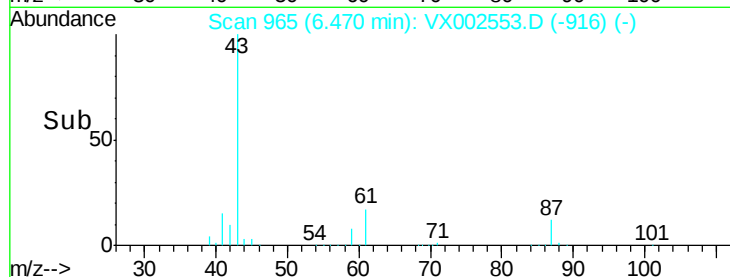
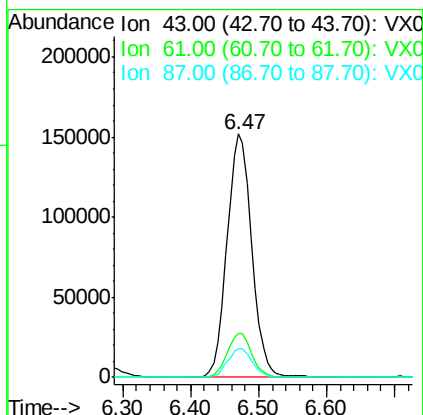
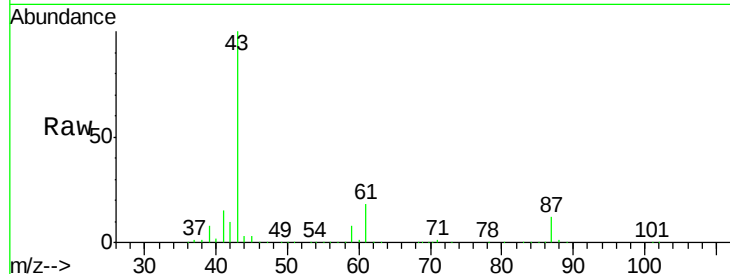


#43

Isopropyl Acetate
 Concen: 49.86 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :

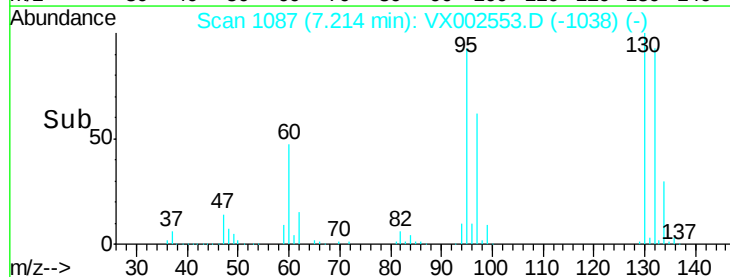
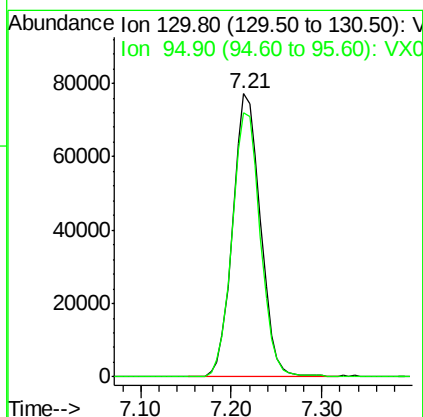
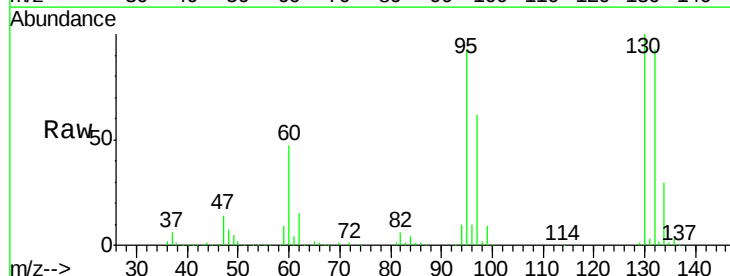
Tot Ion	43	Resp	379998
Ion Ratio	Lower	Upper	
43	100		
61	18.0	14.4	21.6
87	11.9	9.5	14.3

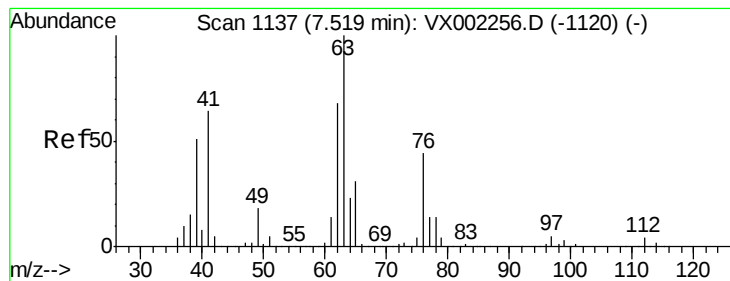


#44

Trichloroethene
 Concen: 52.09 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion	130	Resp	165396
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	185.4





#45

1,2-Dichloropropane

Concen: 47.63 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

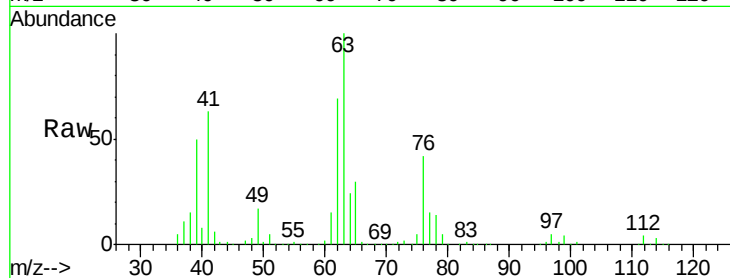
ClientSampleId :

Tot Ion: 63 Resp: 147091

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

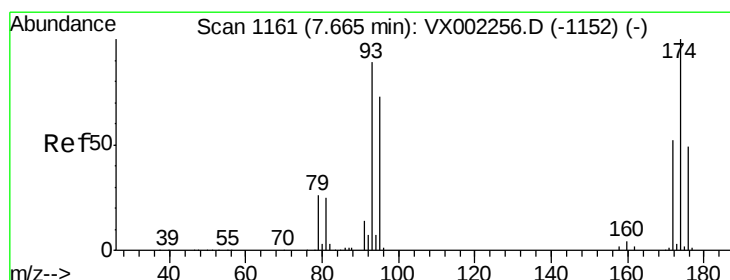
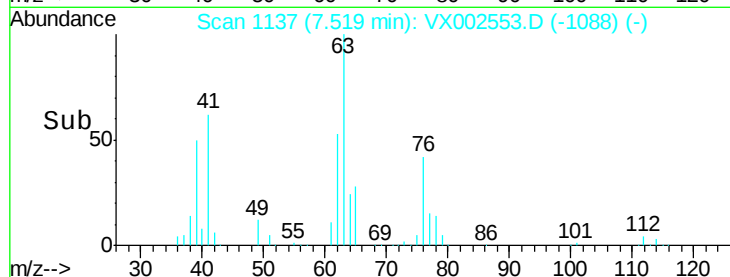
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 47.48 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

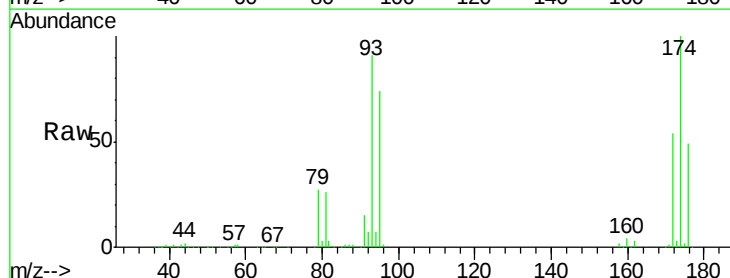
Tgt Ion: 93 Resp: 99417

Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

174 114.8 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

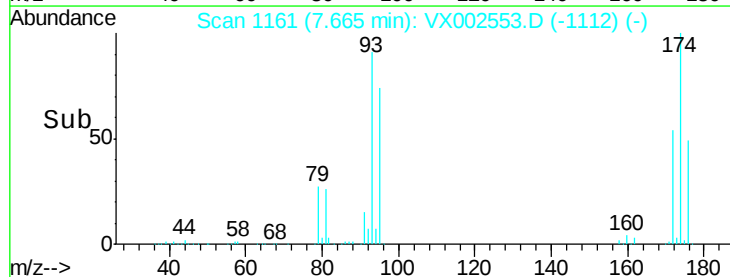
60000

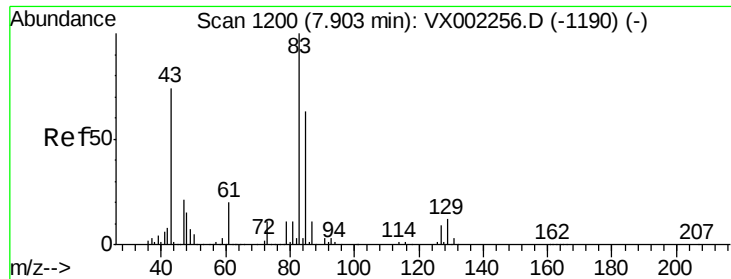
40000

20000

0

Time-->

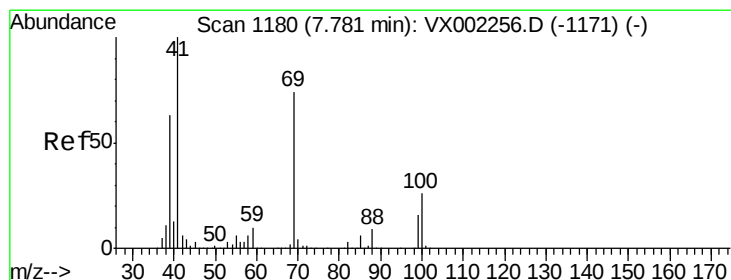
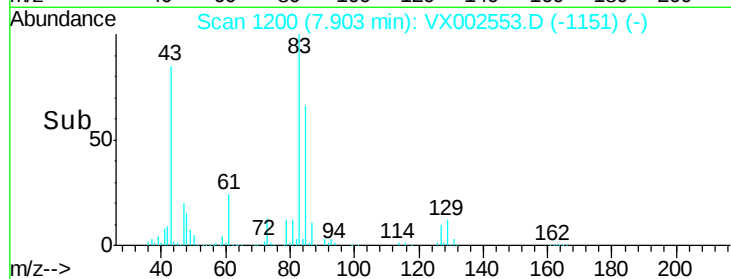
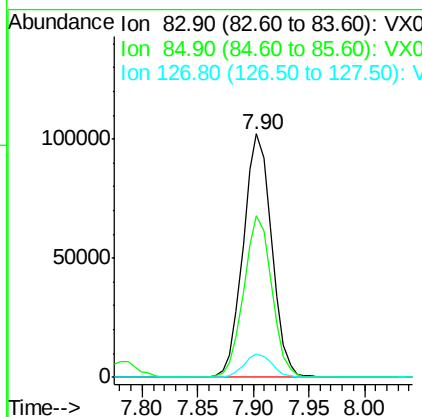
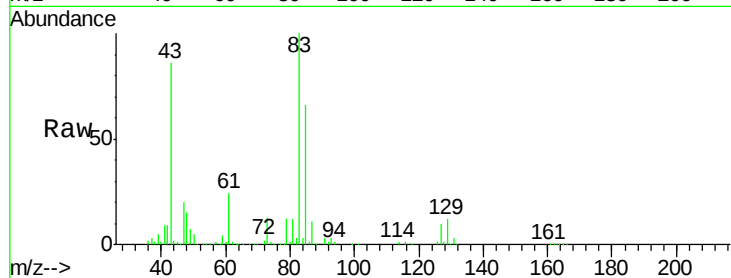




#47
Bromodichloromethane
Concen: 47.92 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

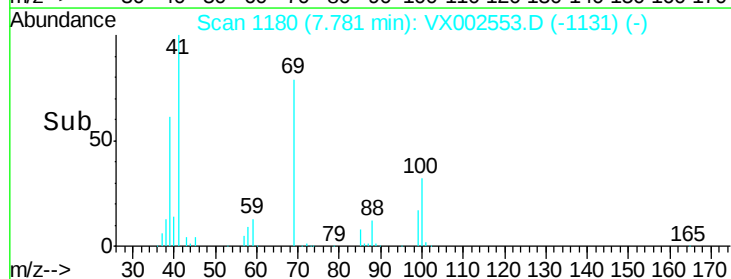
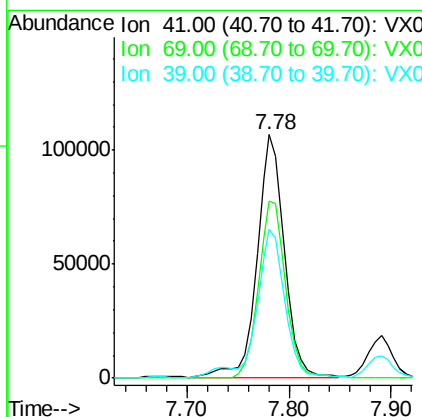
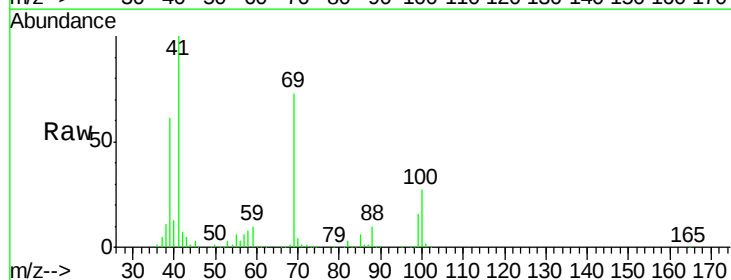
Instrument :
MSVOA_X
ClientSampled :

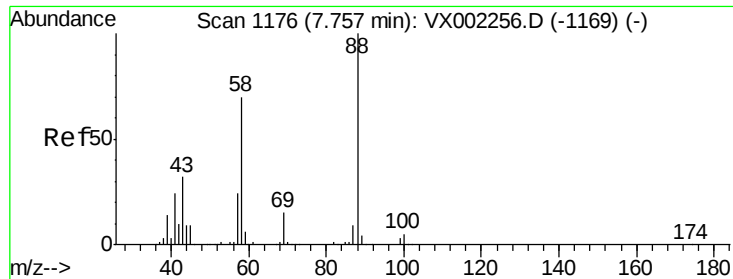
Tot Ion: 83 Resp: 181475
Ion Ratio Lower Upper
83 100
85 66.3 50.3 75.5
127 9.5 7.0 10.4



#48
Methyl methacrylate
Concen: 51.47 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 41 Resp: 197055
Ion Ratio Lower Upper
41 100
69 73.8 59.1 88.7
39 58.8 48.9 73.3

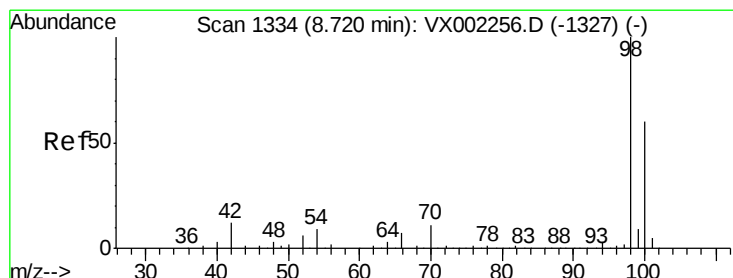
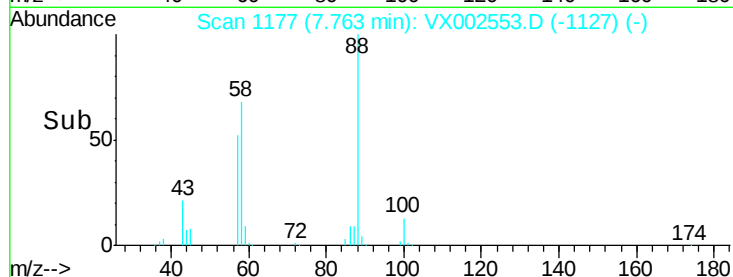
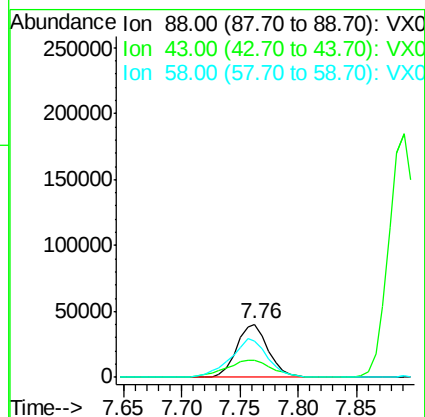
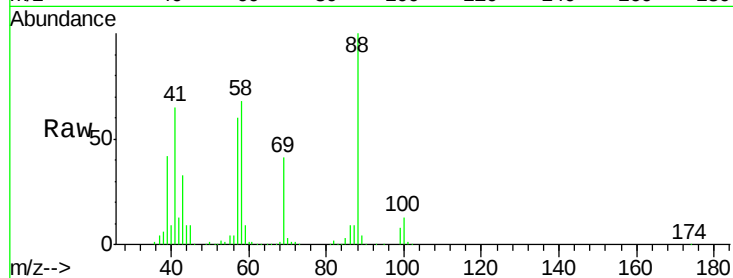




#49
1,4-Dioxane
Concen: 1063.20 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

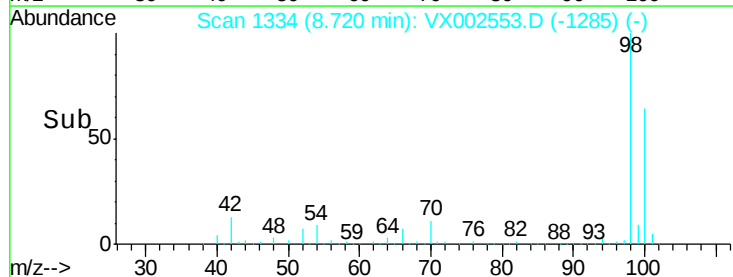
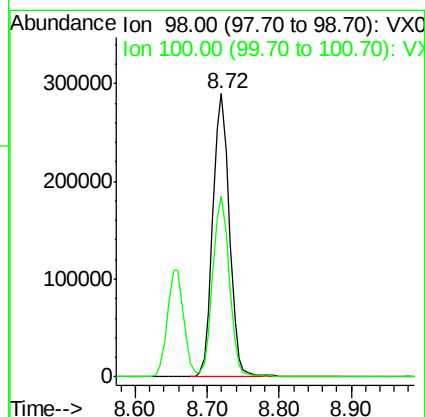
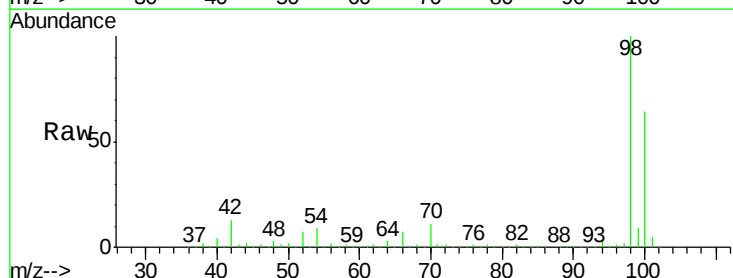
Instrument :
MSVOA_X
ClientSampleId :

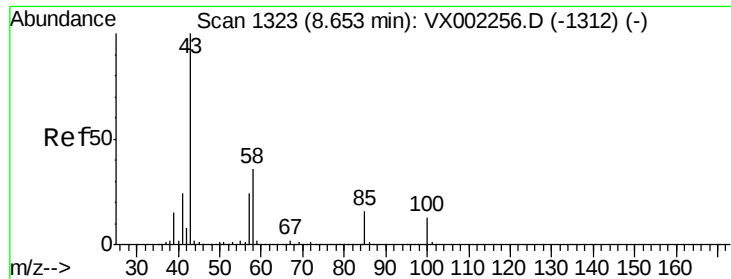
Tot Ion: 88 Resp: 76104
Ion Ratio Lower Upper
88 100
43 45.4 29.8 44.6#
58 85.1 57.1 85.7



#50
Toluene-d8
Concen: 43.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 98 Resp: 462183
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

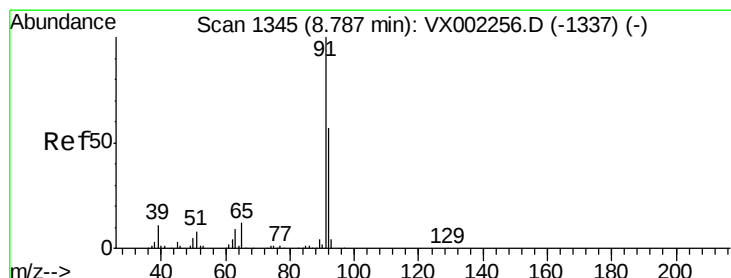
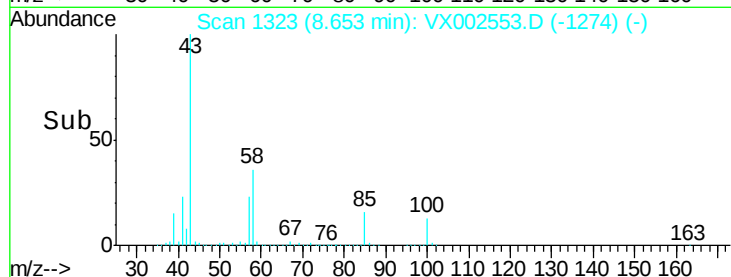
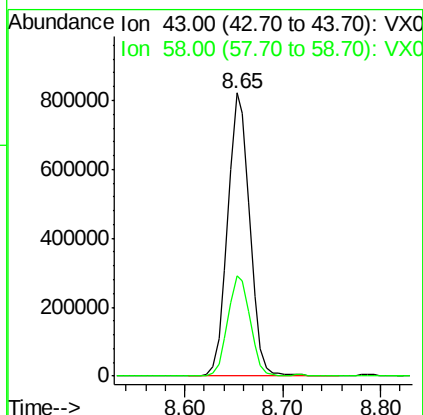
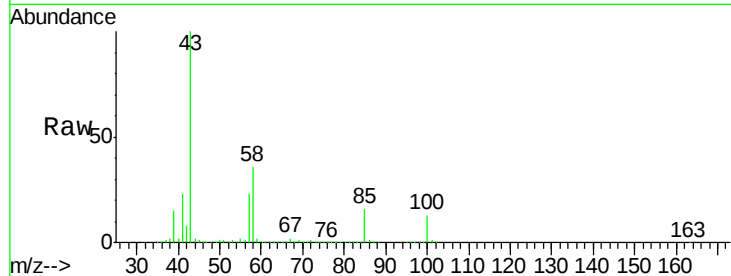




#51
4-Methyl-2-Pentanone
Concen: 270.88 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

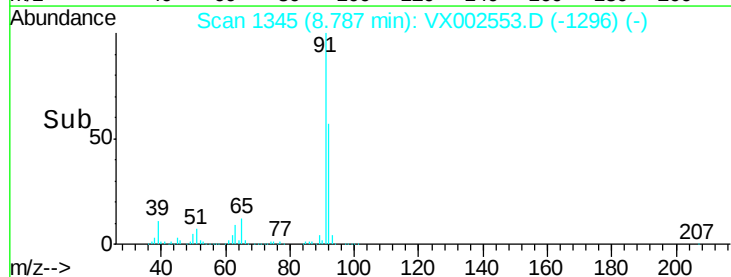
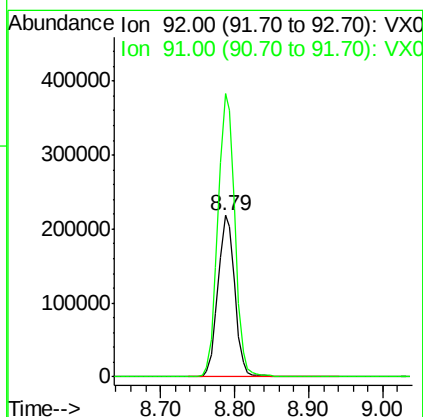
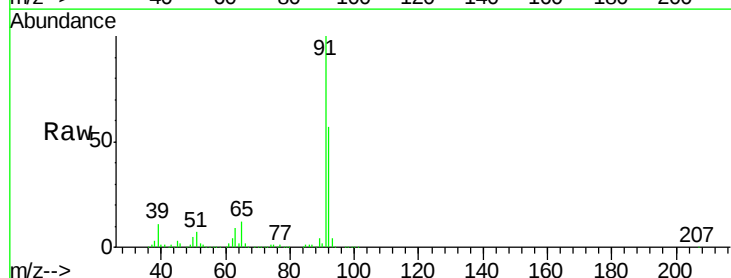
Instrument :
MSVOA_X
ClientSampleId :

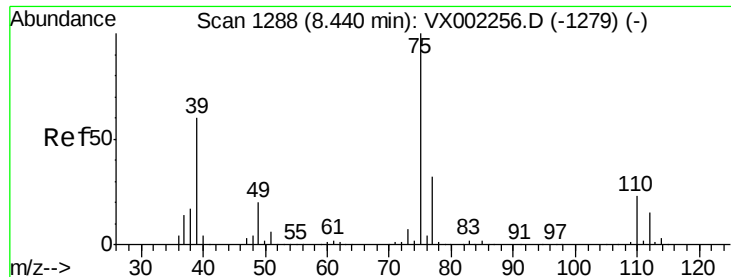
Tot Ion: 43 Resp: 1285648
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8



#52
Toluene
Concen: 46.72 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 92 Resp: 339954
Ion Ratio Lower Upper
92 100
91 176.4 140.4 210.6

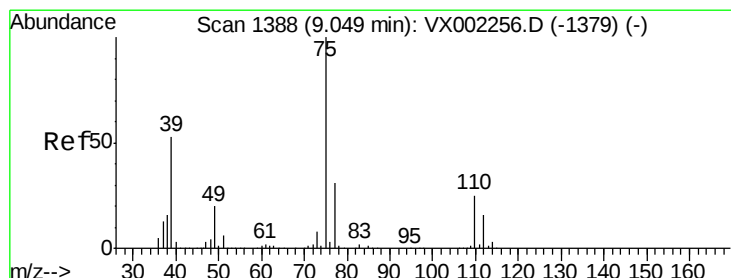
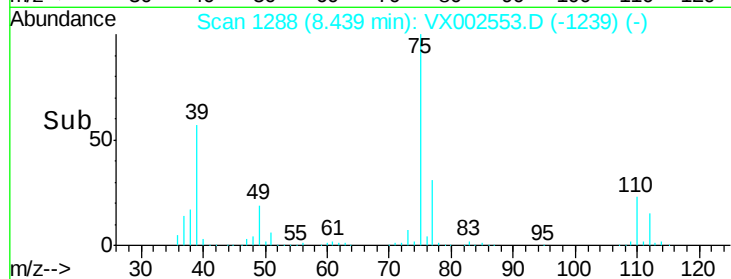
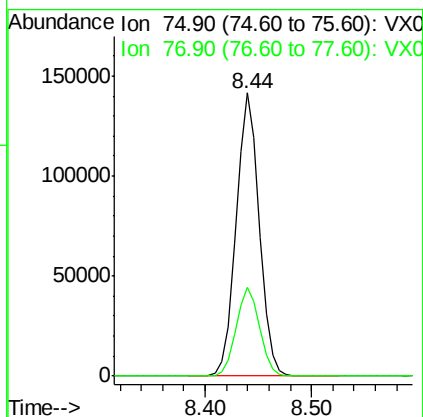
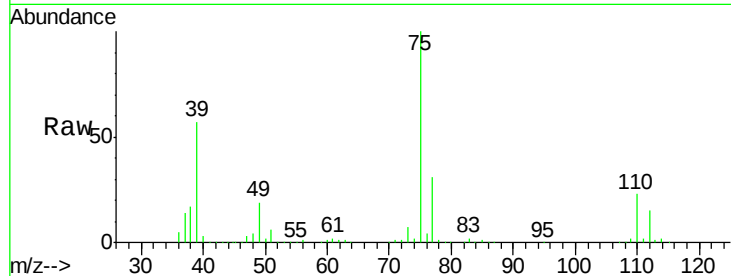




#53
 t-1,3-Dichloropropene
 Concen: 47.48 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

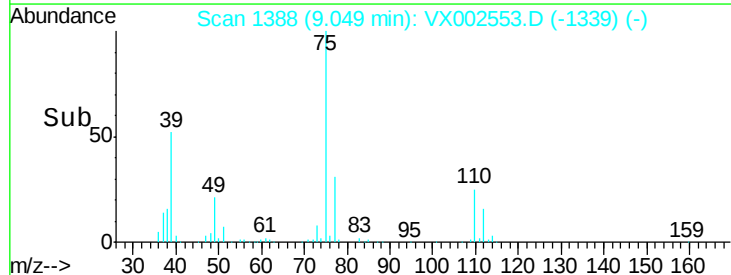
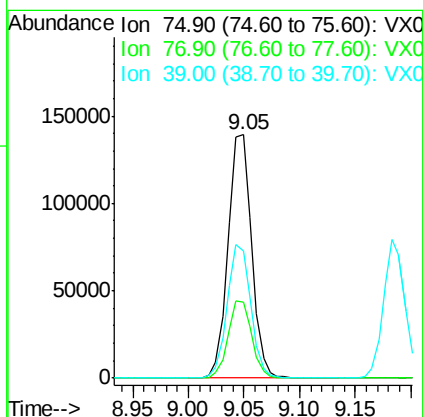
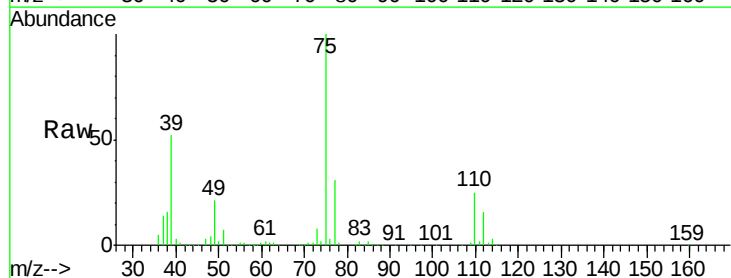
Instrument :
 MSVOA_X
 ClientSampled :

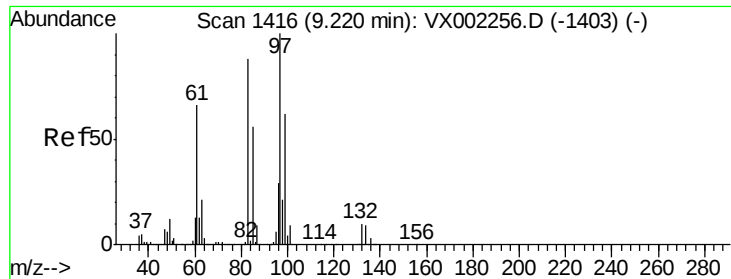
Tot Ion: 75 Resp: 215599
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.66 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 75 Resp: 204166
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.8 37.2
 39 51.7 42.4 63.6

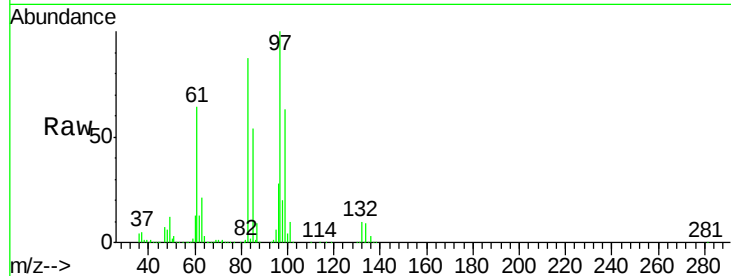




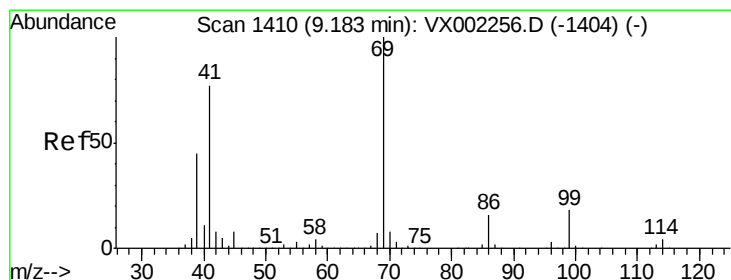
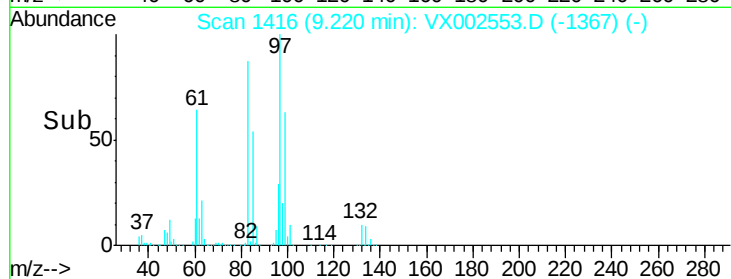
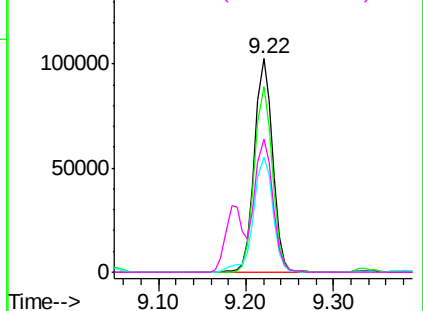
#55
 1,1,2-Trichloroethane
 Concen: 49.21 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 147265
 Ion Ratio Lower Upper
 97 100
 83 86.6 70.2 105.2
 85 54.0 44.9 67.3
 99 62.5 49.8 74.8

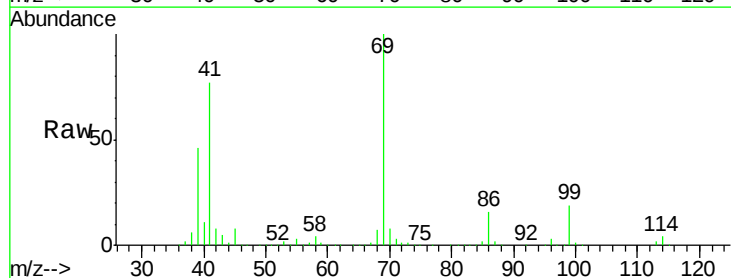


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

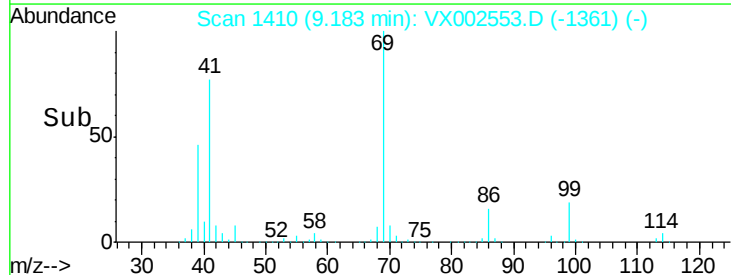
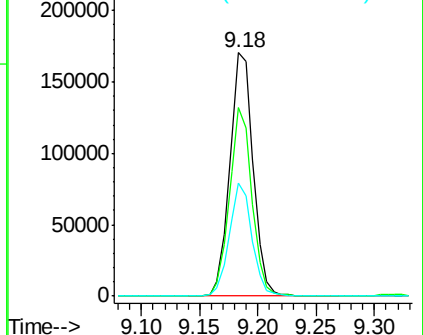


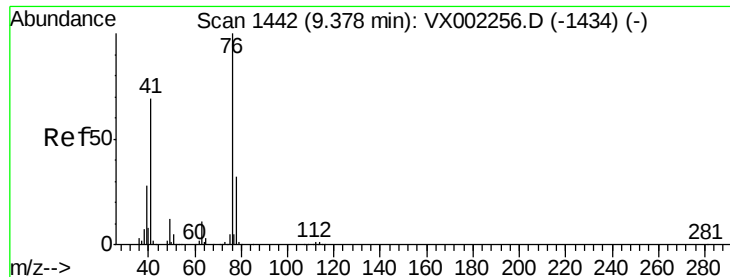
#56
 Ethyl methacrylate
 Concen: 49.85 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 69 Resp: 238180
 Ion Ratio Lower Upper
 69 100
 41 74.2 60.3 90.5
 39 44.6 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: 48.47 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

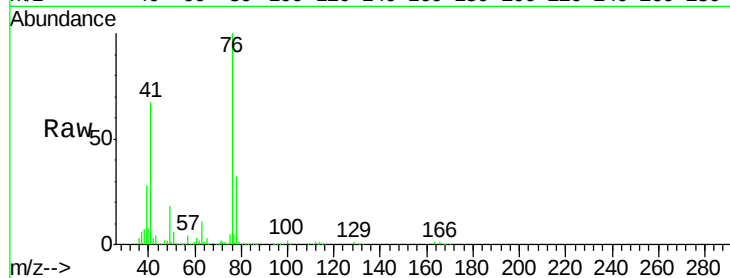
ClientSampleId :

Tot Ion: 76 Resp: 243337

Ion Ratio Lower Upper

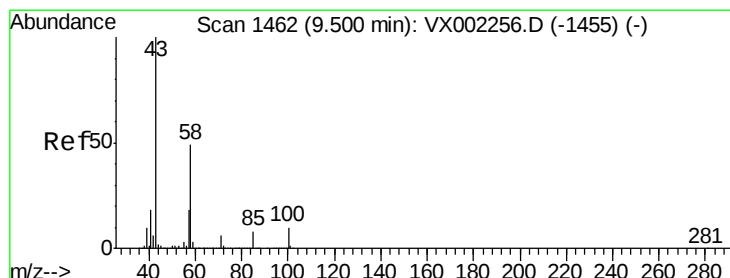
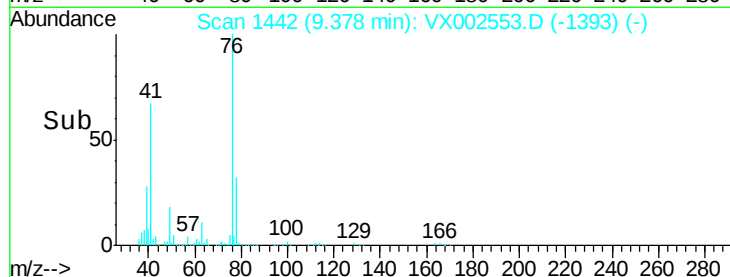
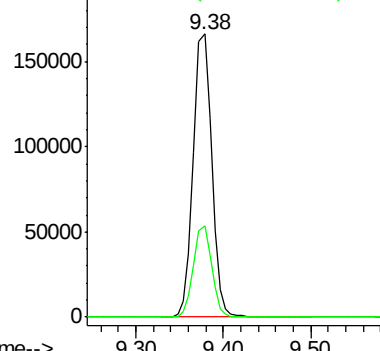
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 268.83 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX002553.D

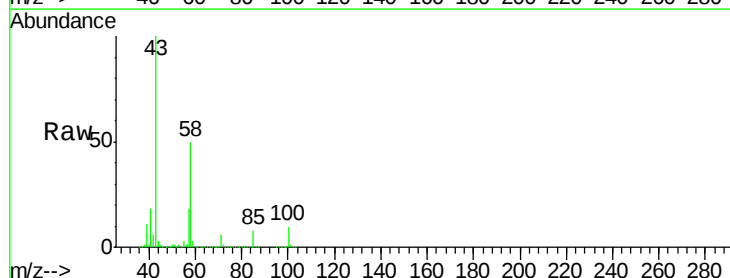
Acq: 14 Jun 2018 15:53

Tgt Ion: 43 Resp: 985519

Ion Ratio Lower Upper

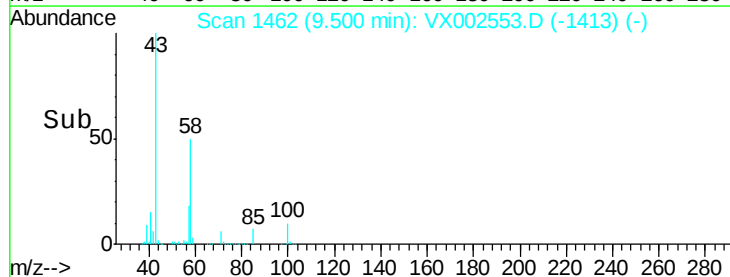
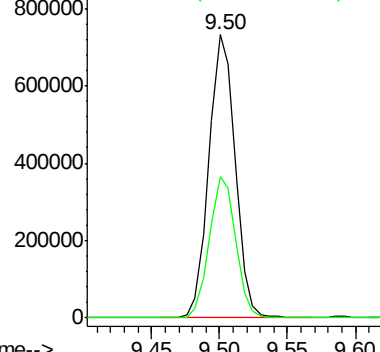
43 100

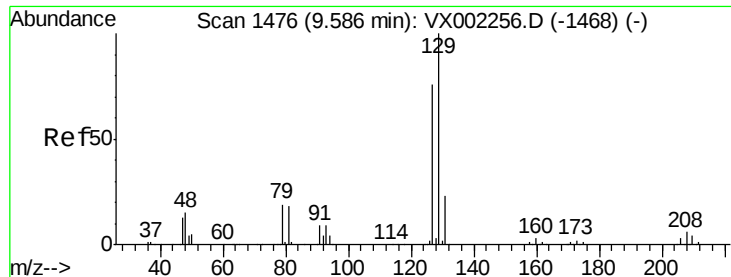
58 50.1 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 50.35 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

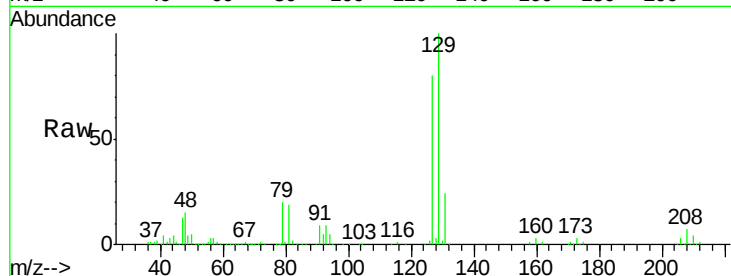
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 151565

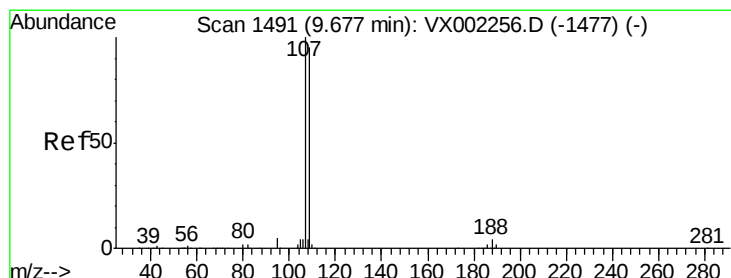
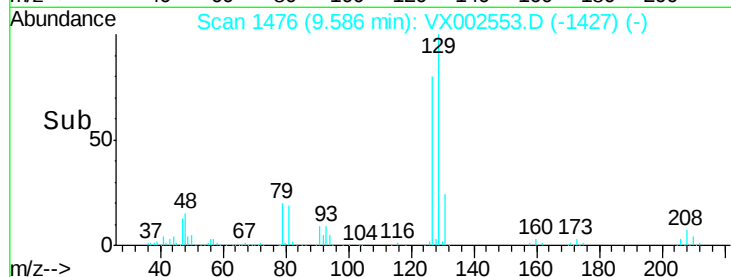
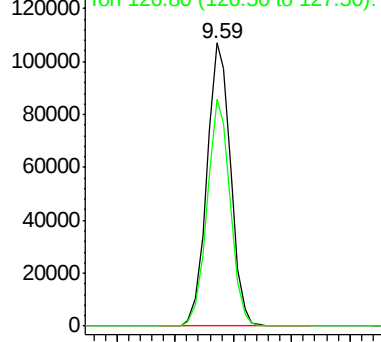
Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002553.D

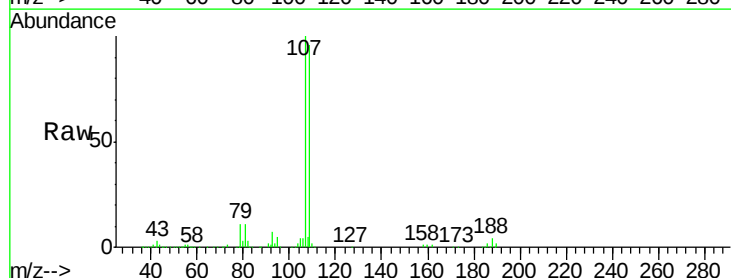
Acq: 14 Jun 2018 15:53

Tgt Ion:107 Resp: 155190

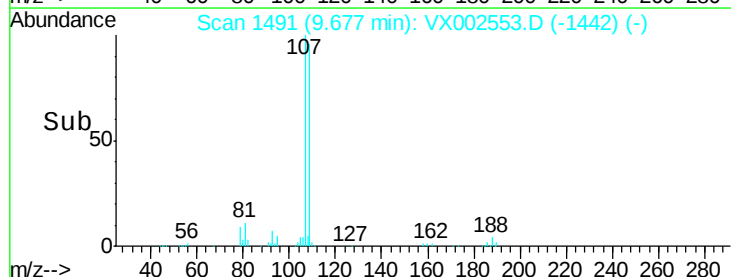
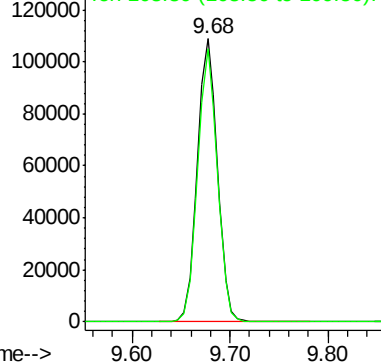
Ion Ratio Lower Upper

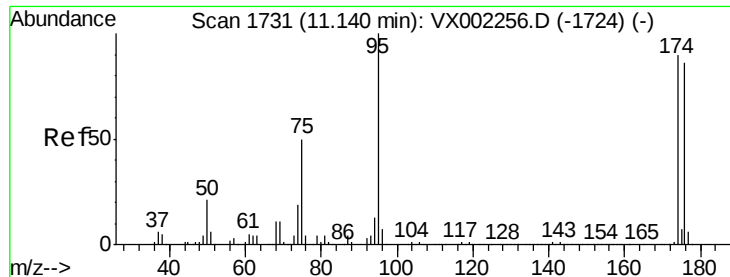
107 100

109 95.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 44.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

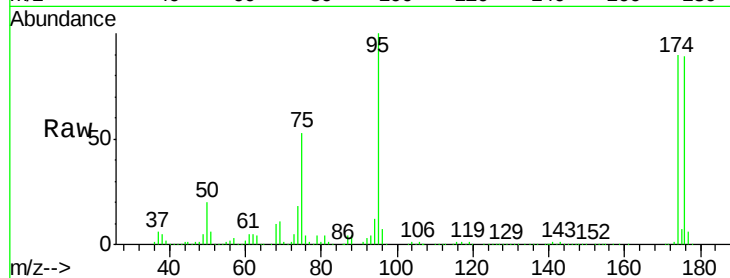
Tot Ion: 95 Resp: 181746

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.4

176 92.5 0.0 181.0

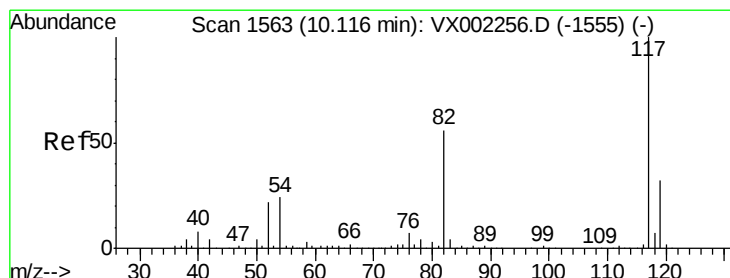
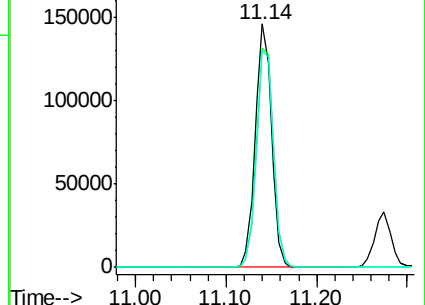
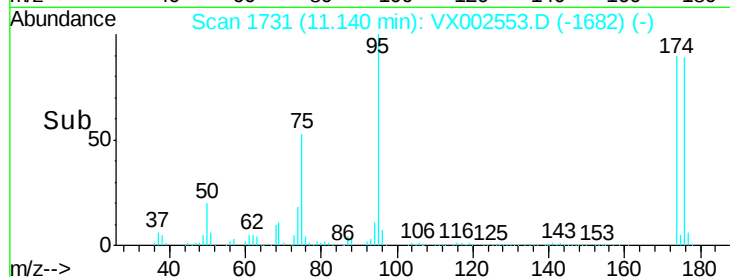


Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

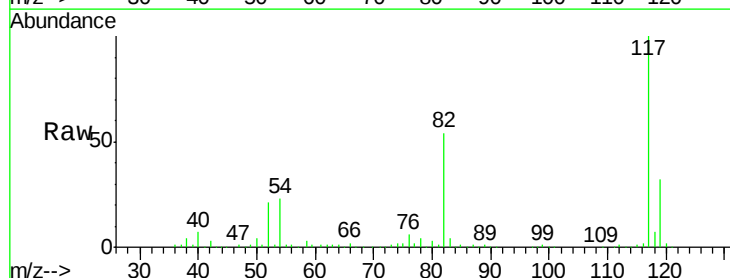
Tgt Ion: 117 Resp: 332382

Ion Ratio Lower Upper

117 100

82 54.1 45.0 67.4

119 32.1 25.8 38.6

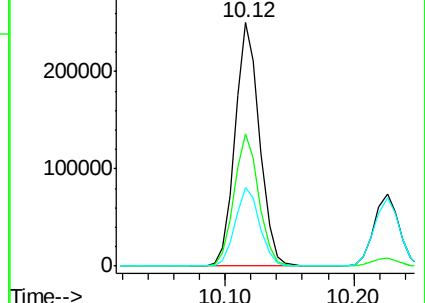
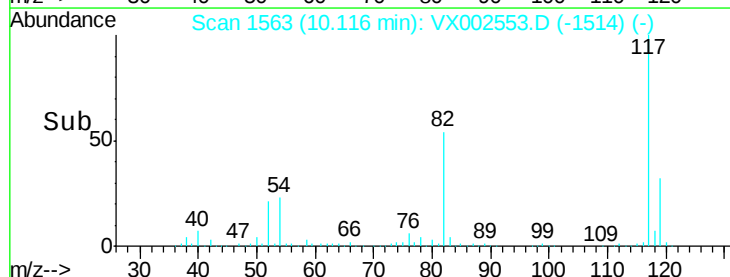


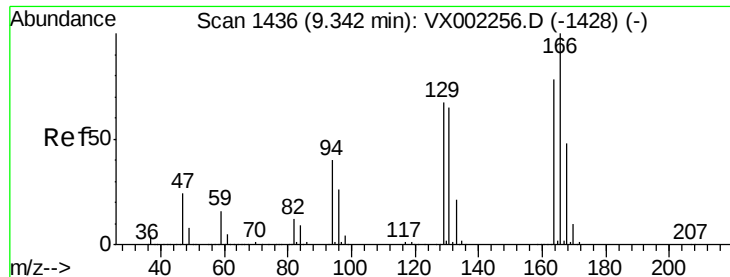
Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

Time-->





#64

Tetrachloroethene

Concen: 40.84 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 139984

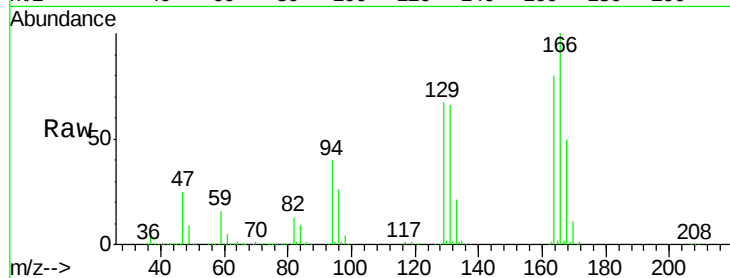
Ion Ratio Lower Upper

164 100

166 125.2 102.9 154.3

129 83.8 68.6 102.8

131 82.0 66.8 100.2

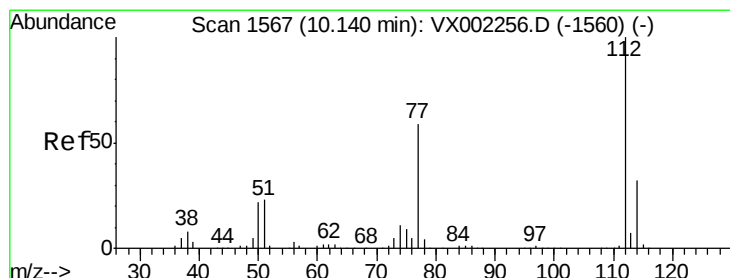
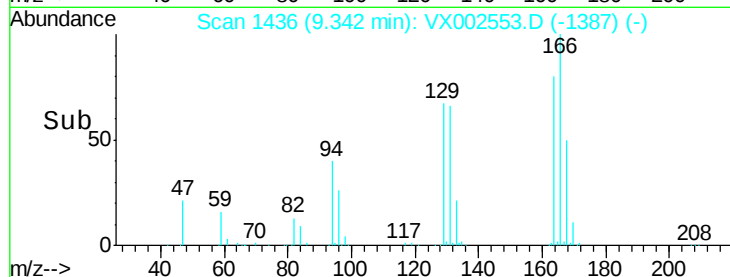
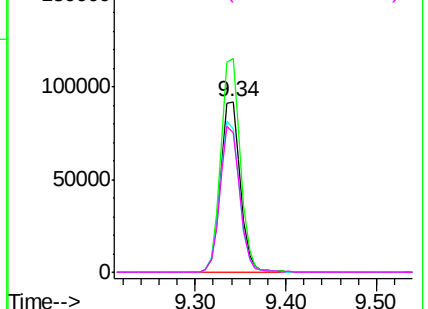


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.77 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002553.D

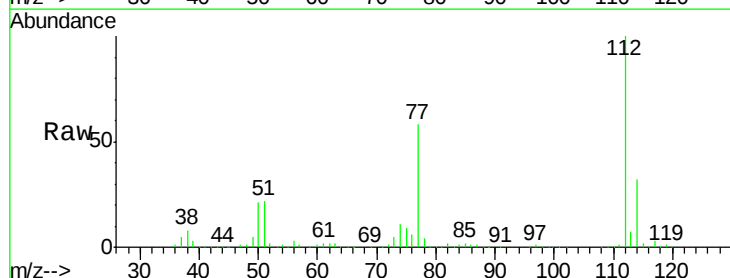
Acq: 14 Jun 2018 15:53

Tgt Ion:112 Resp: 403318

Ion Ratio Lower Upper

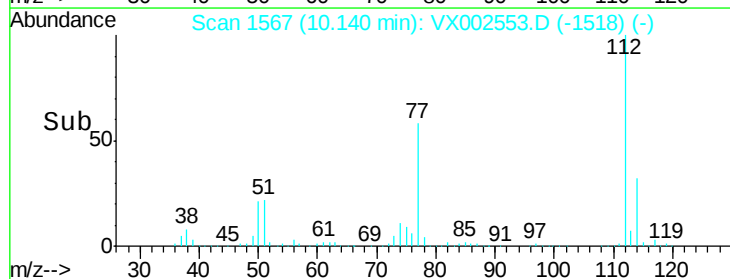
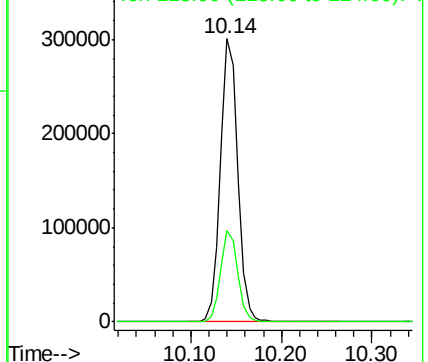
112 100

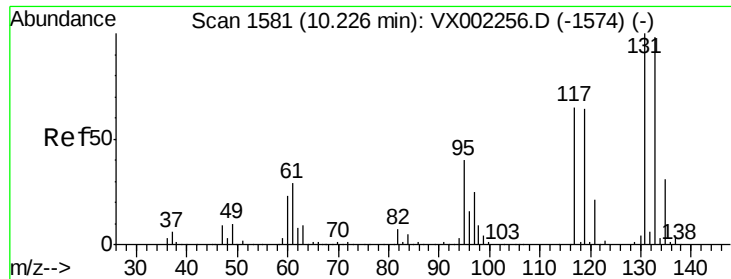
114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.92 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampled :

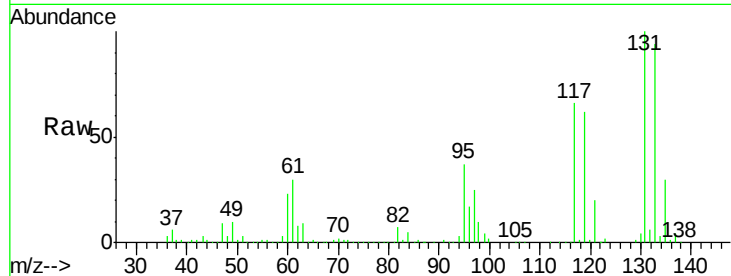
Tot Ion:131 Resp: 149482

Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

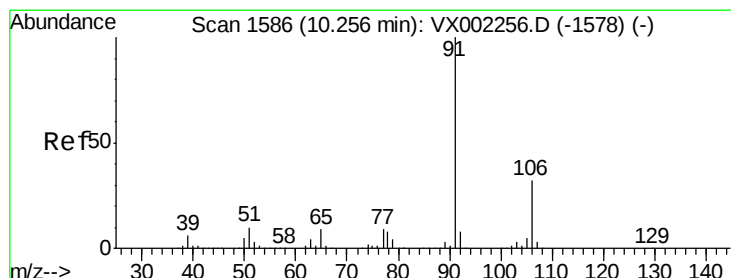
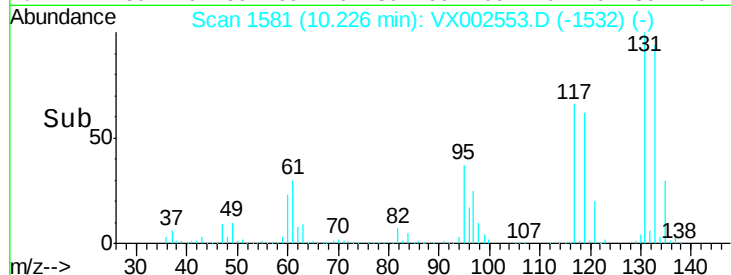
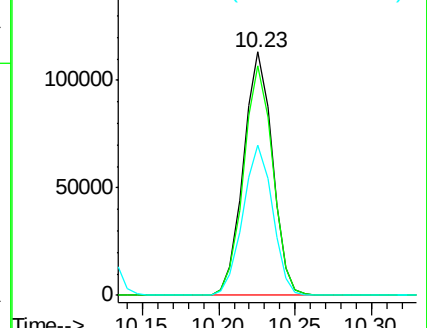
119 63.0 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.92 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002553.D

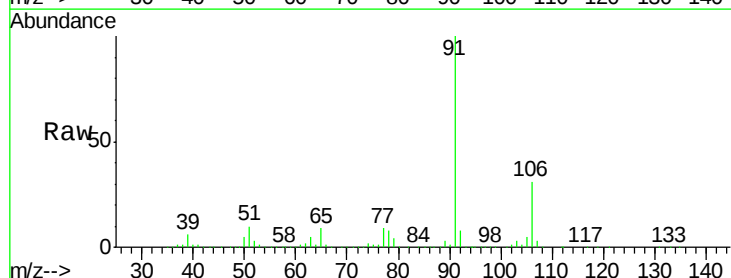
Acq: 14 Jun 2018 15:53

Tgt Ion: 91 Resp: 677090

Ion Ratio Lower Upper

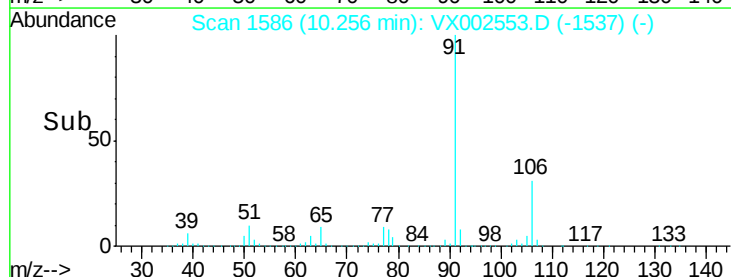
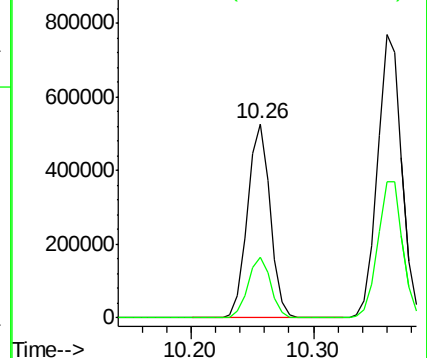
91 100

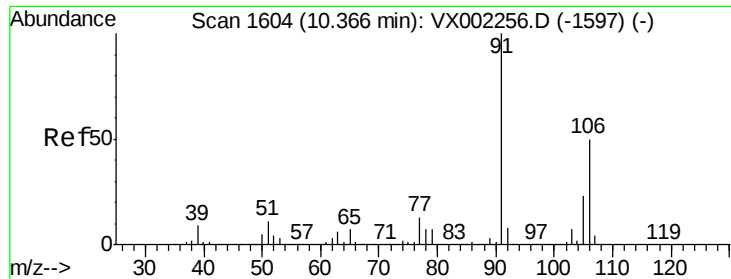
106 31.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

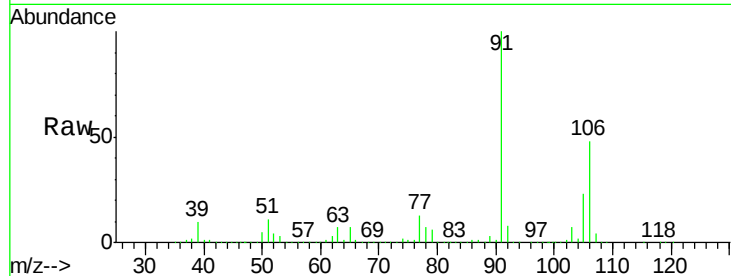




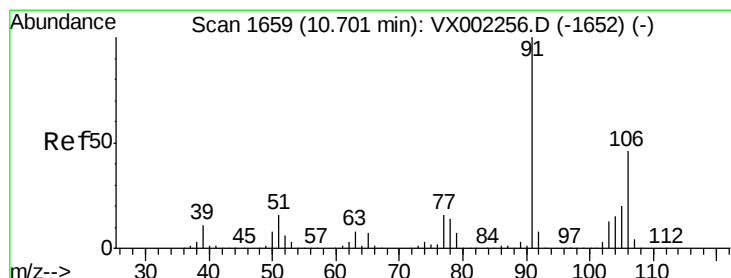
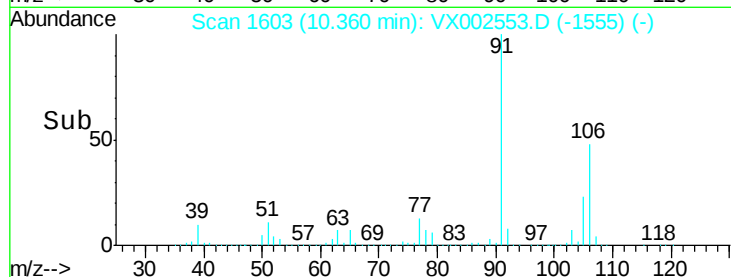
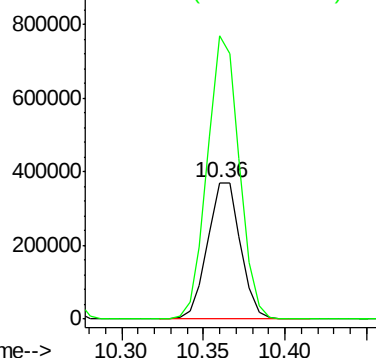
#68
m/p-Xvlenes
Concen: 96.57 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 519562
Ion Ratio Lower Upper
106 100
91 202.3 163.4 245.2

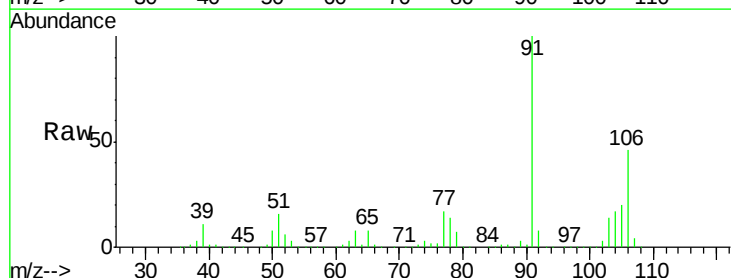


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

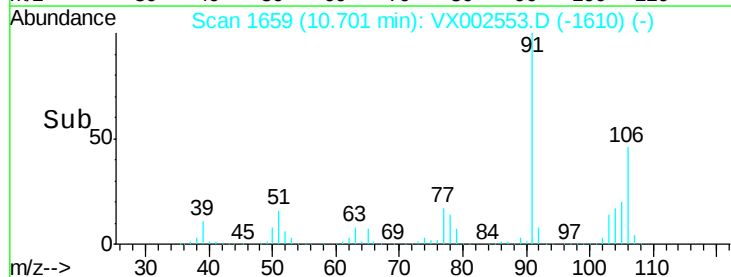
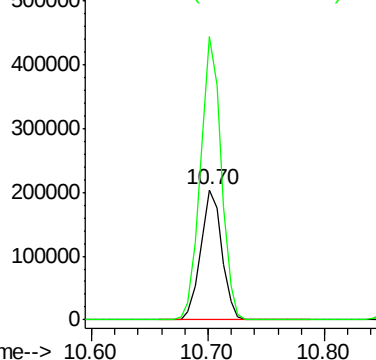


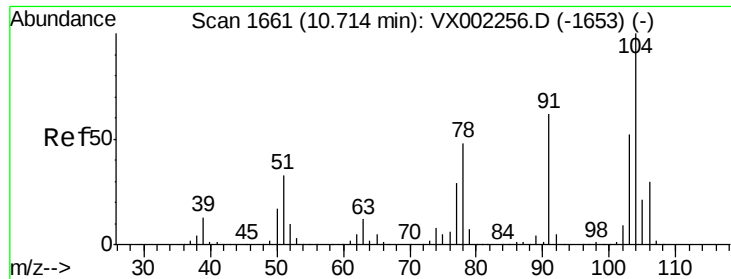
#69
o-Xylene
Concen: 48.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion:106 Resp: 257609
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6



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

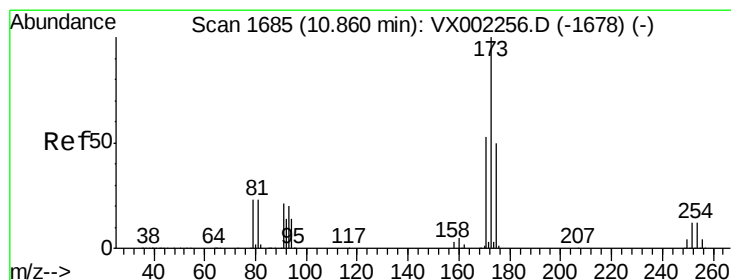
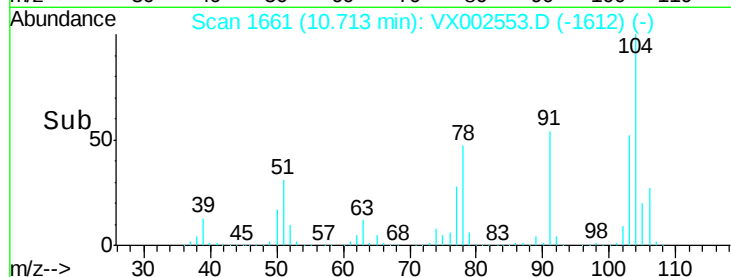
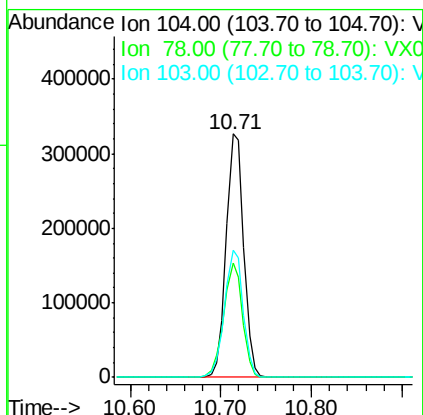
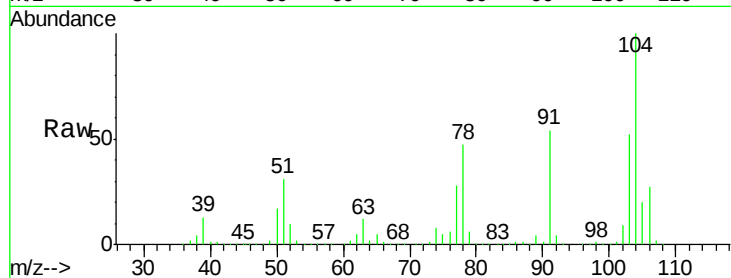




#70
Stvrene
Concen: 50.17 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

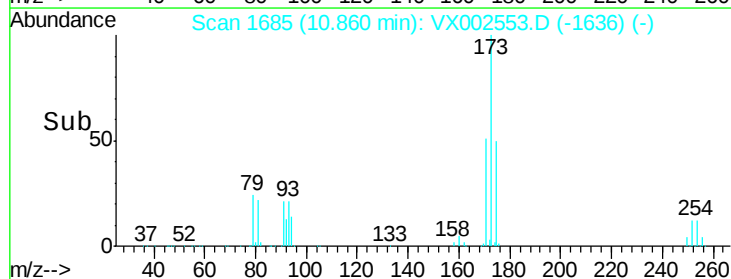
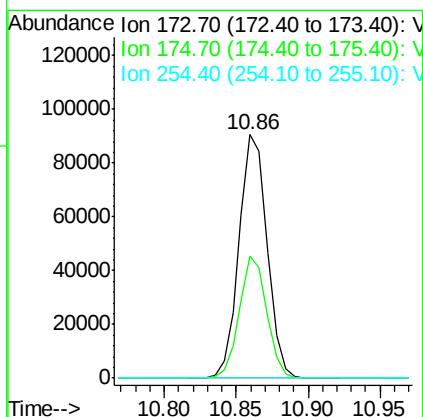
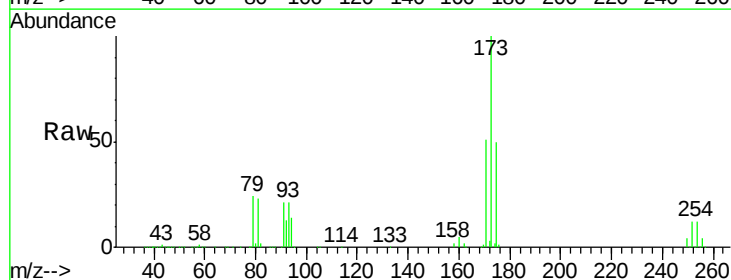
Instrument :
MSVOA_X
ClientSampled :

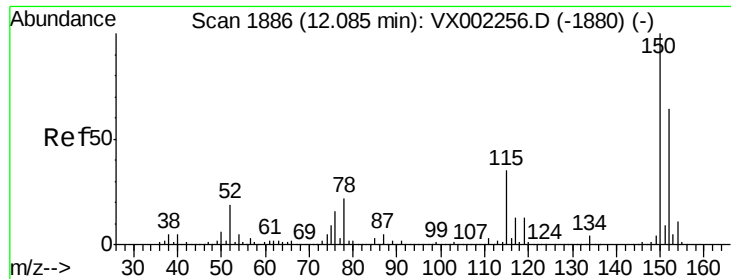
Tot Ion:104 Resp: 439096
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 55.9 44.2 66.4



#71
Bromoform
Concen: 45.96 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion:173 Resp: 122473
Ion Ratio Lower Upper
173 100
175 48.9 24.7 74.1
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

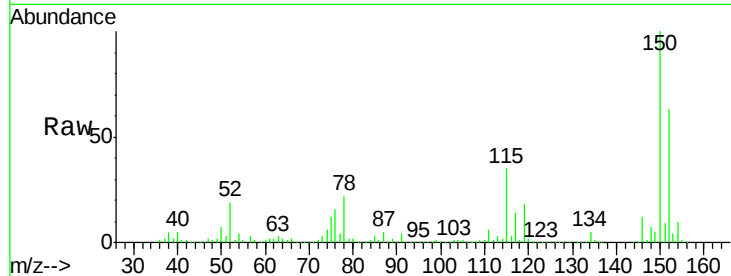
Tot Ion:152 Resp: 210543

Ion Ratio Lower Upper

152 100

115 77.1 40.1 120.2

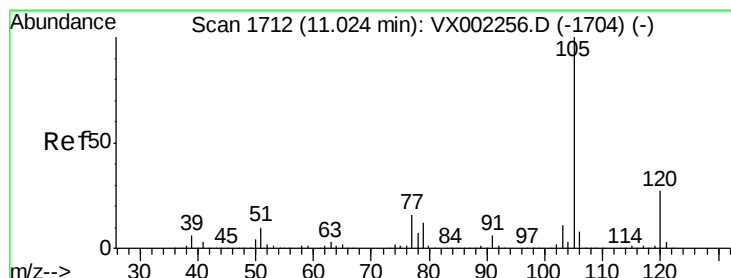
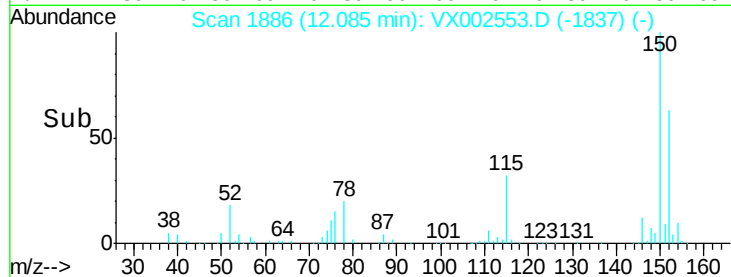
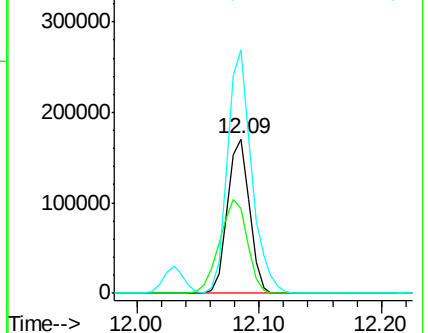
150 173.0 0.0 347.2



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: 46.88 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002553.D

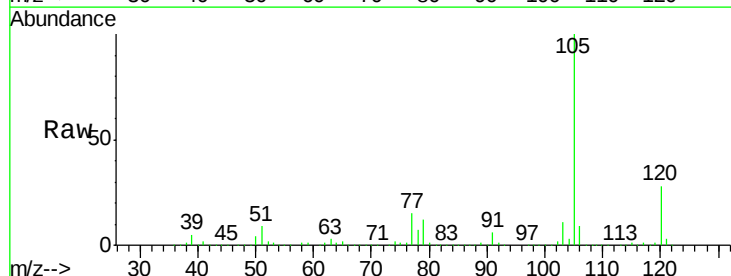
Acq: 14 Jun 2018 15:53

Tgt Ion:105 Resp: 686674

Ion Ratio Lower Upper

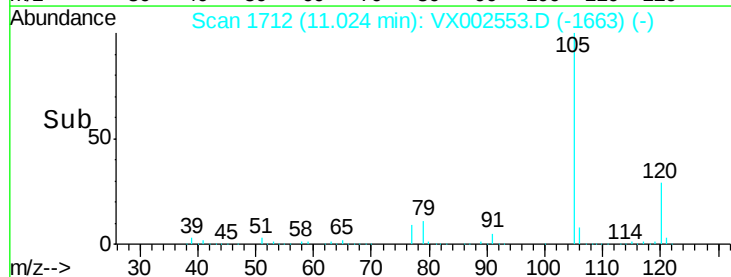
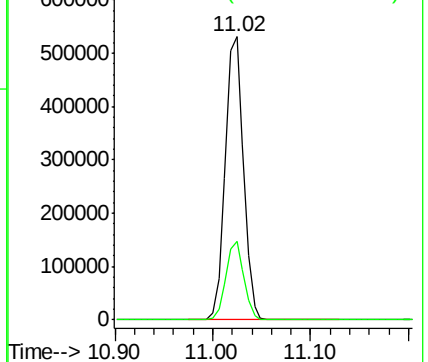
105 100

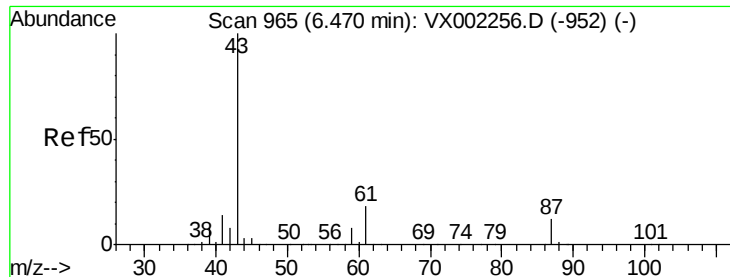
120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.15 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 379998

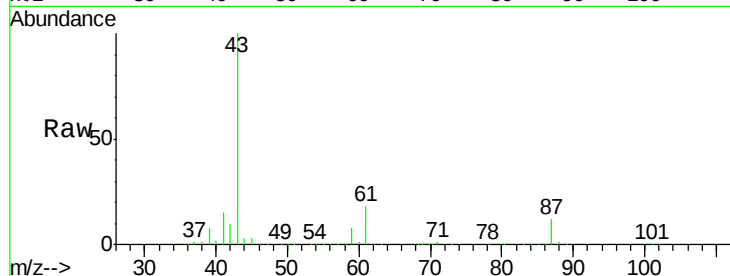
Ion Ratio Lower Upper

43 100

70 0.1 0.0 0.0#

55 0.1 0.0 0.0#

61 18.0 14.4 21.6

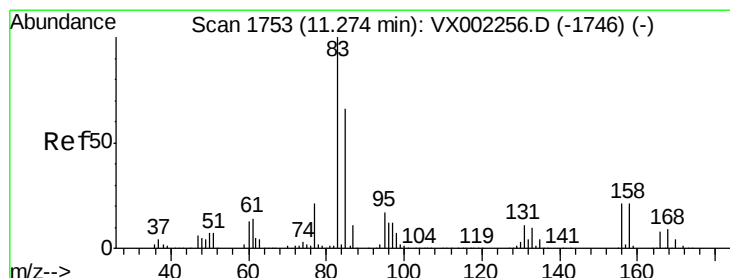
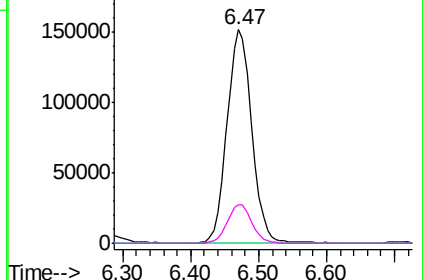
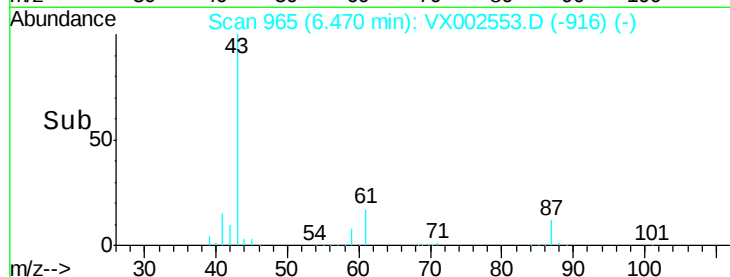


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 52.31 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

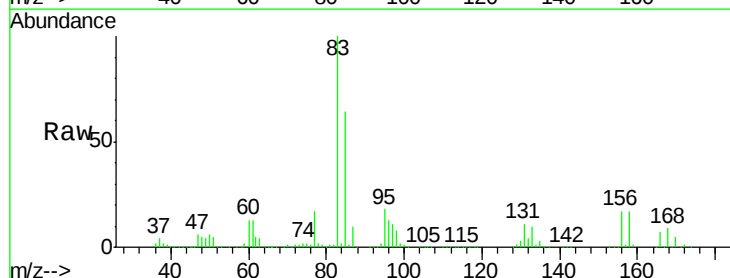
Tgt Ion: 83 Resp: 240985

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

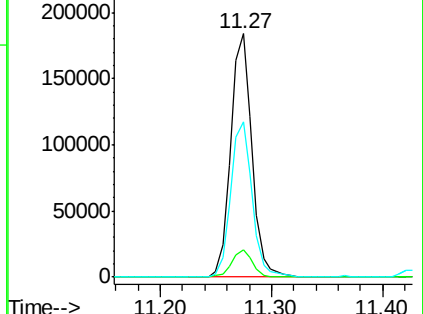
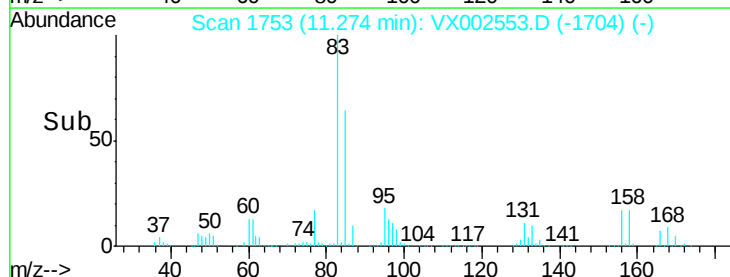
85 64.8 32.4 97.2

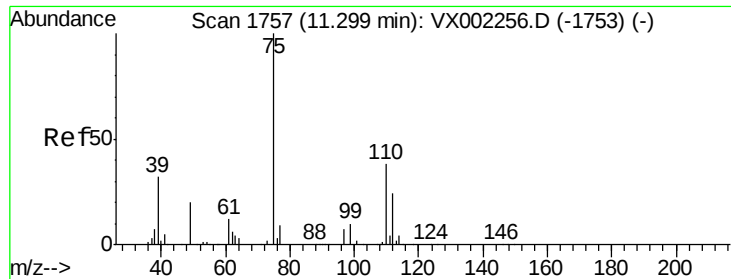


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

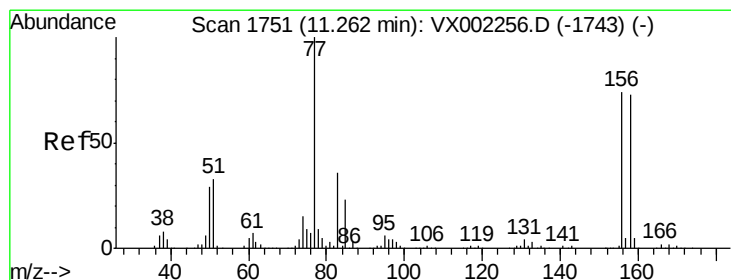
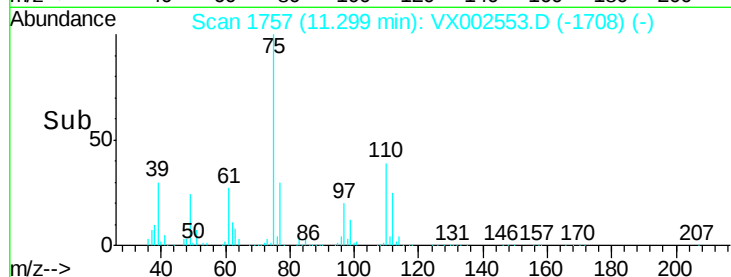
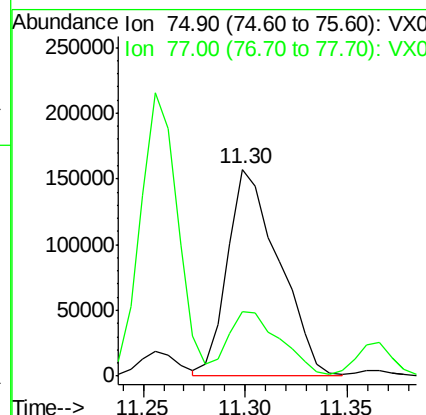
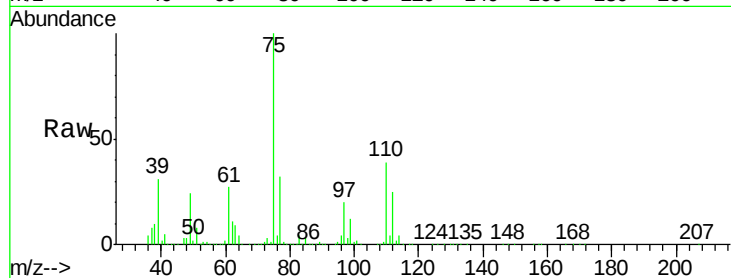




#76
 1,2,3-Trichloropropane
 Concen: 59.47 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

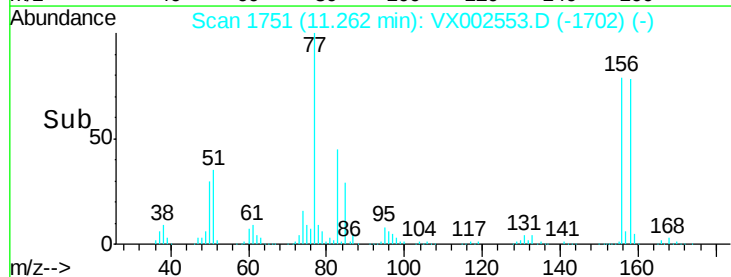
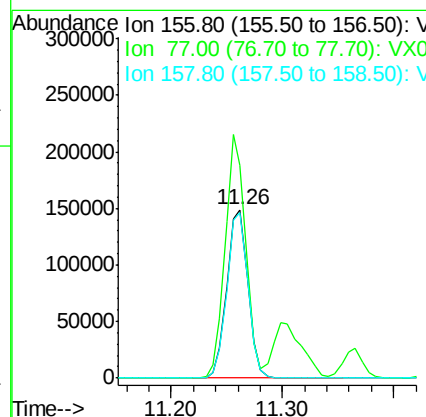
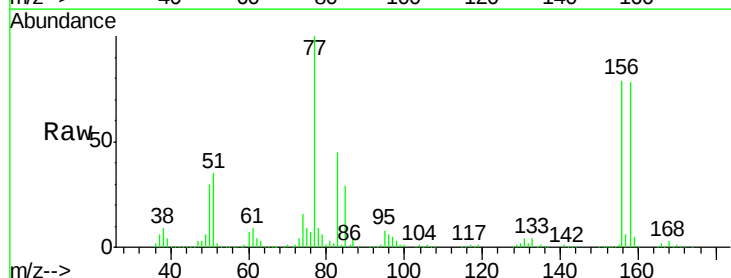
Instrument :
 MSVOA_X
 ClientSampleId :

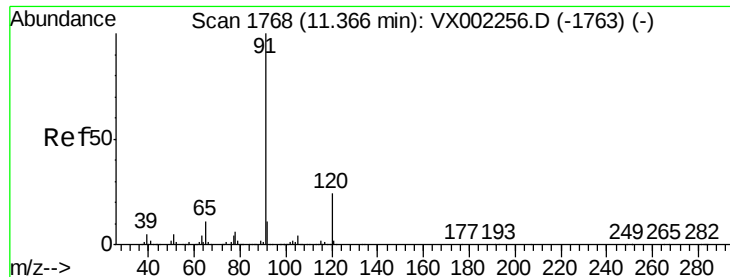
Tot Ion: 75 Resp: 274765
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.8 68.3



#77
 Bromobenzene
 Concen: 47.38 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 156 Resp: 194830
 Ion Ratio Lower Upper
 156 100
 77 140.2 71.4 214.2
 158 98.5 48.9 146.6





#78

n-propylbenzene

Concen: 47.91 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

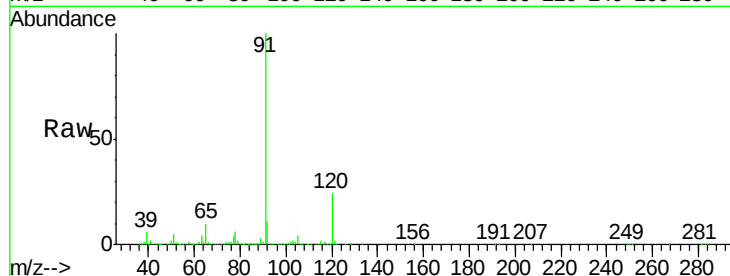
ClientSampled :

Tot Ion: 91 Resp: 779967

Ion Ratio Lower Upper

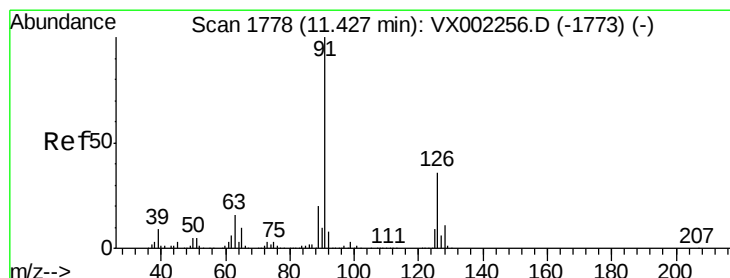
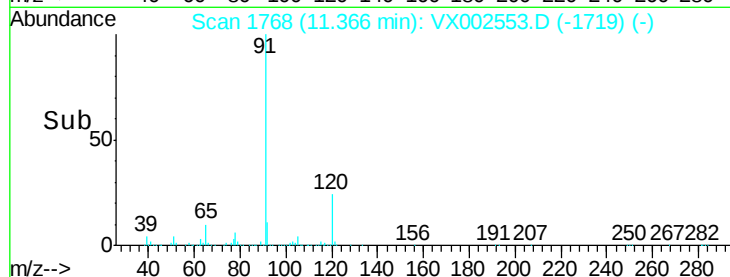
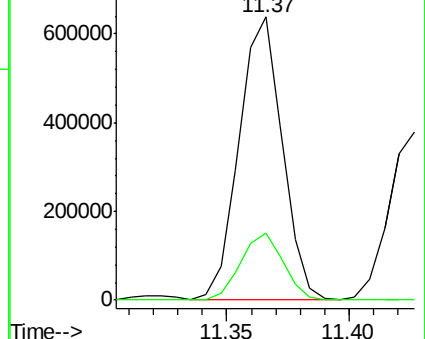
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 45.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002553.D

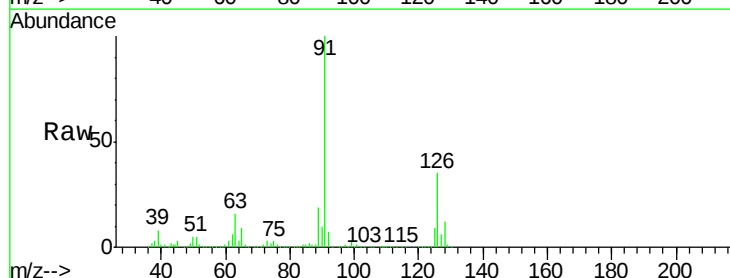
Acq: 14 Jun 2018 15:53

Tgt Ion: 91 Resp: 465511

Ion Ratio Lower Upper

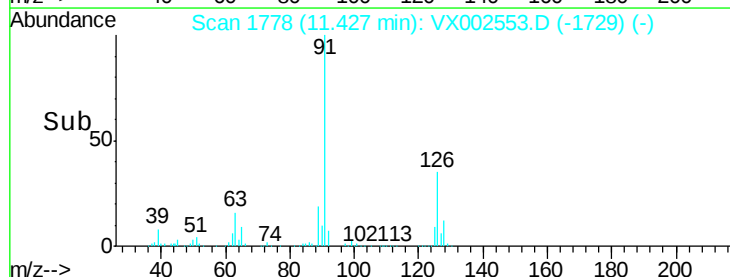
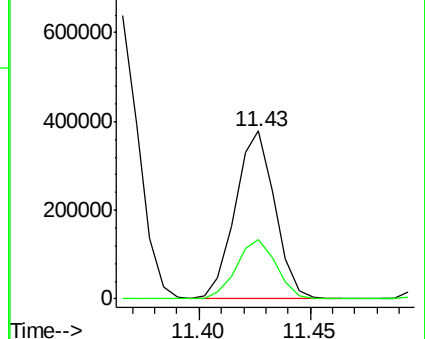
91 100

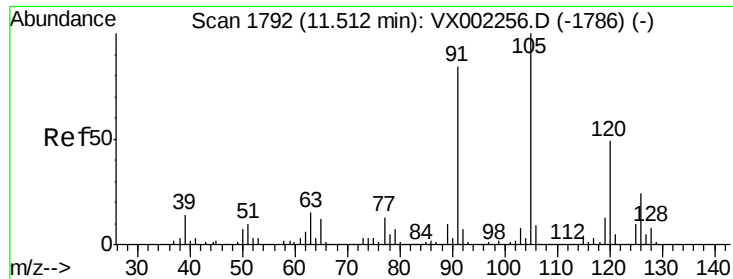
126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

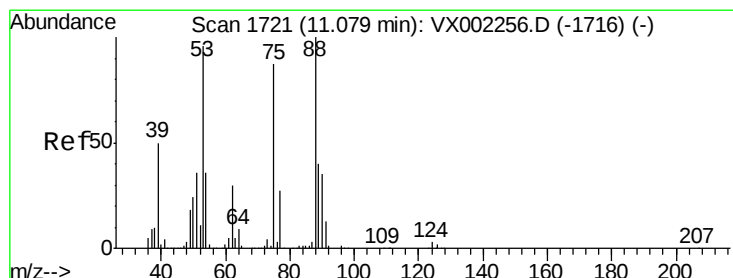
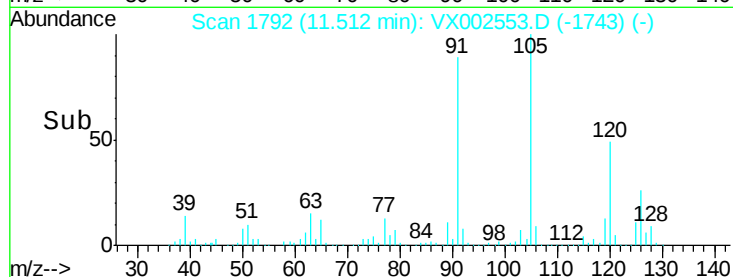
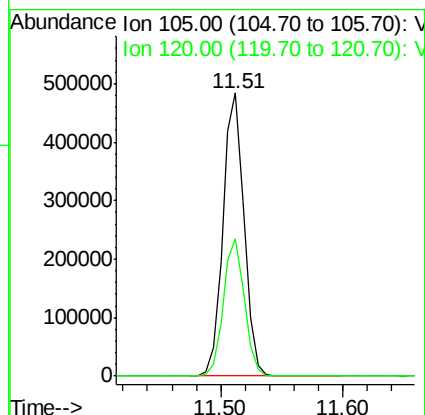
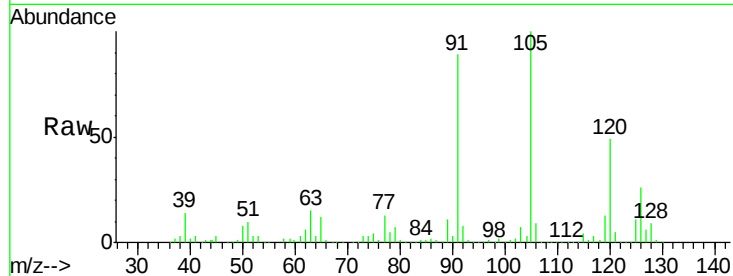




#80
 1,3,5-Trimethylbenzene
 Concen: 45.86 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

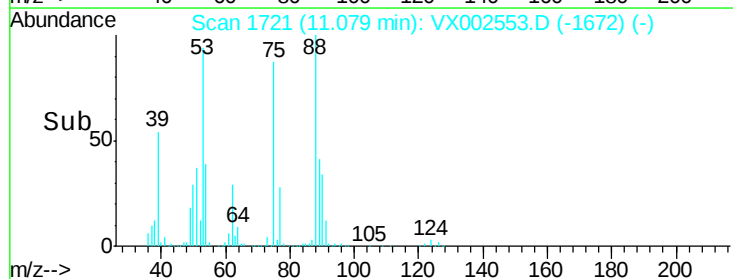
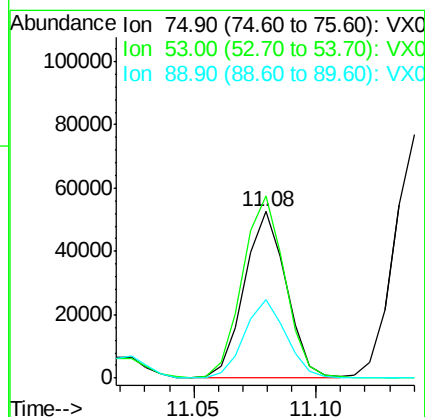
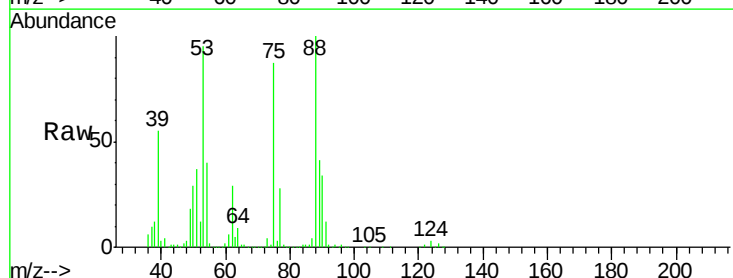
Instrument :
 MSVOA_X
 ClientSampleId :

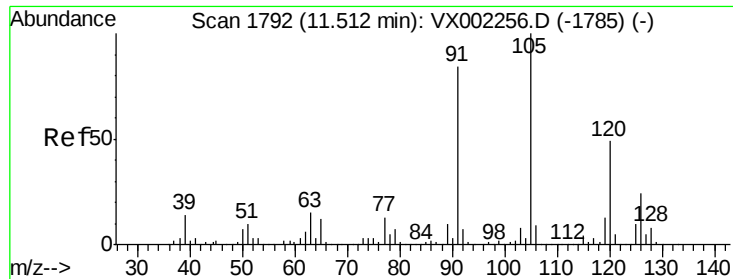
Tot Ion:105 Resp: 576135
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.50 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 75 Resp: 62596
 Ion Ratio Lower Upper
 75 100
 53 110.5 86.8 130.2
 89 47.2 38.2 57.2

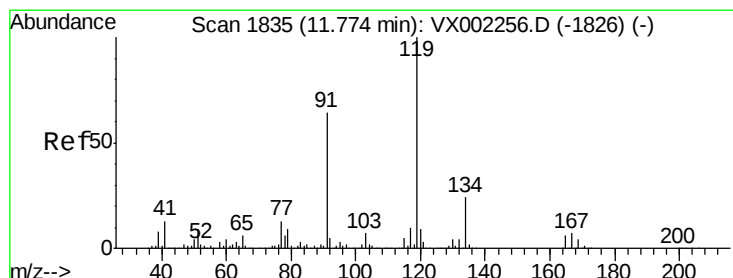
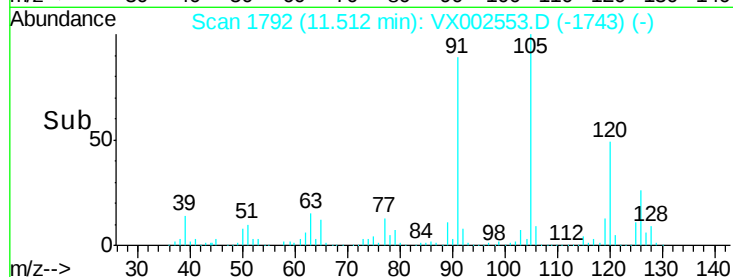
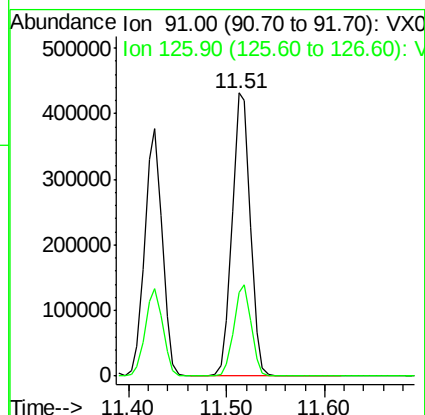
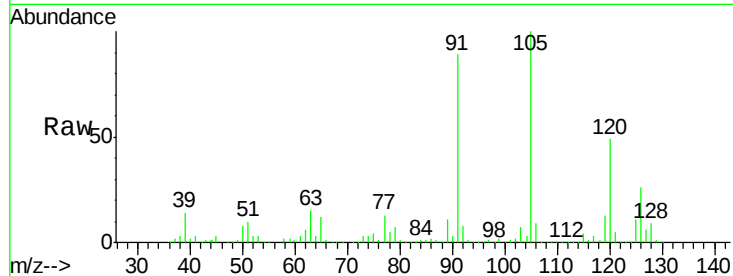




#82
4-Chlorotoluene
Concen: 46.86 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

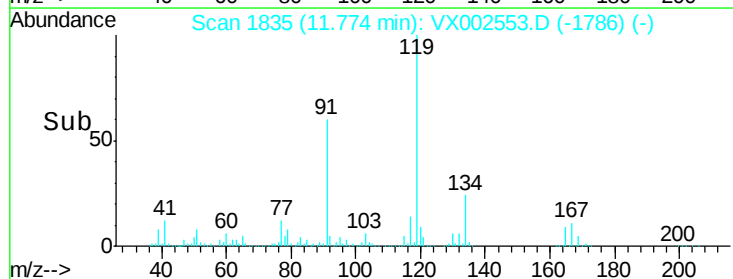
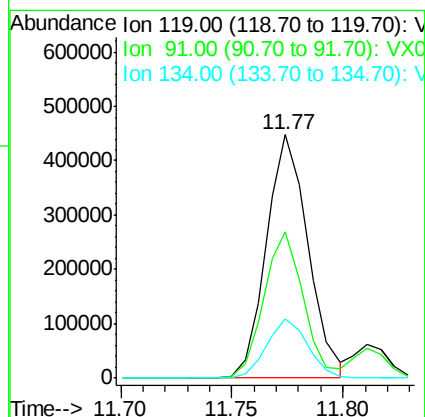
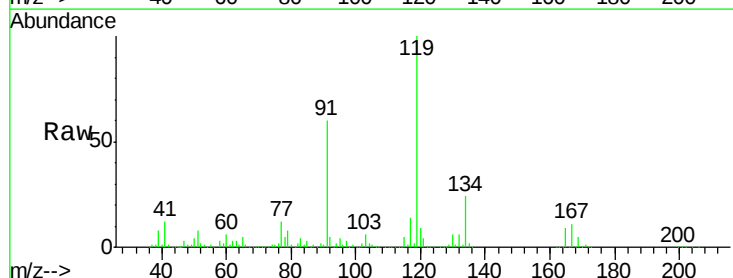
Instrument :
MSVOA_X
ClientSampled :

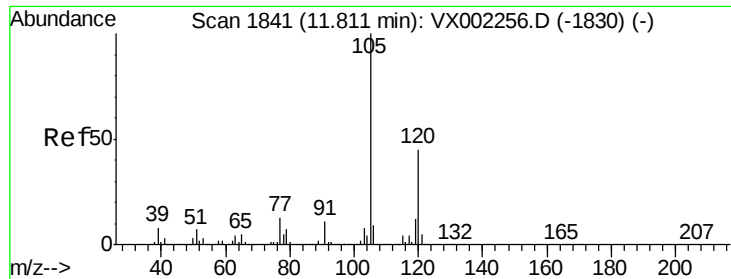
Tot Ion: 91 Resp: 556009
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4



#83
tert-Butylbenzene
Concen: 47.56 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion: 119 Resp: 581751
Ion Ratio Lower Upper
119 100
91 57.3 30.3 90.9
134 23.8 11.7 35.1

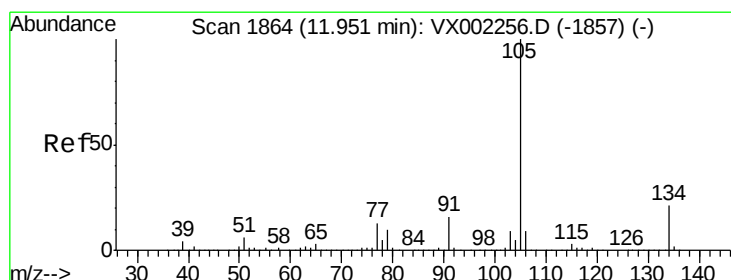
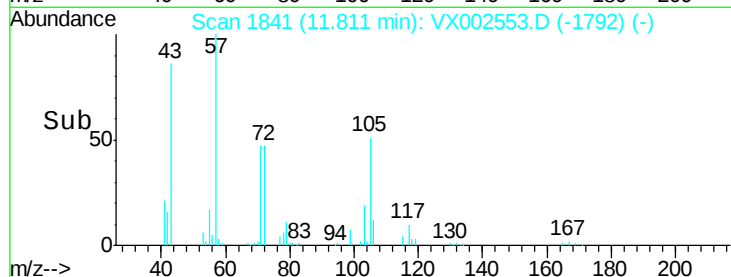
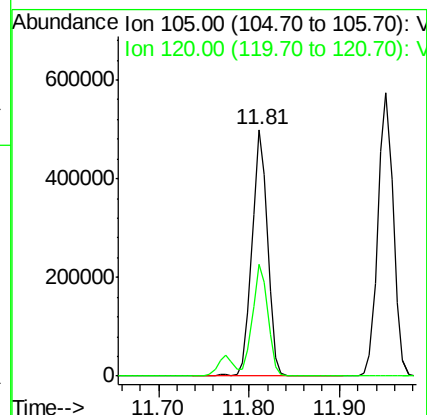
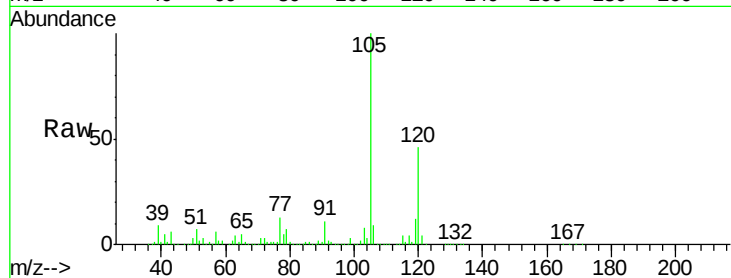




#84
 1,2,4-Trimethylbenzene
 Concen: 45.83 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

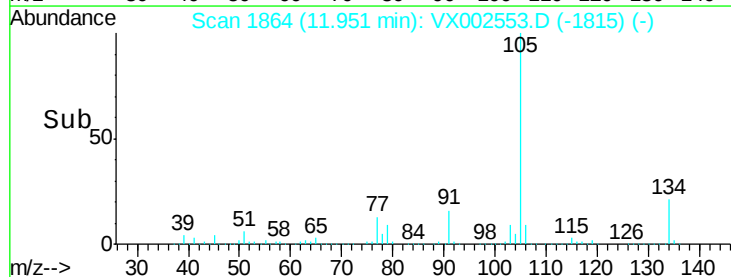
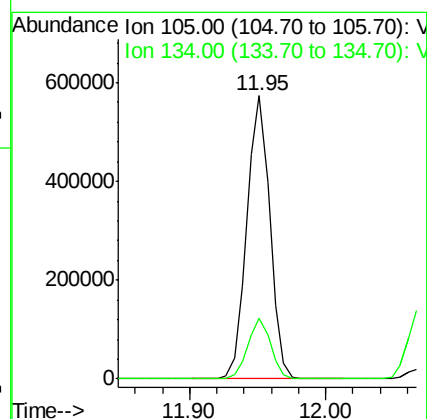
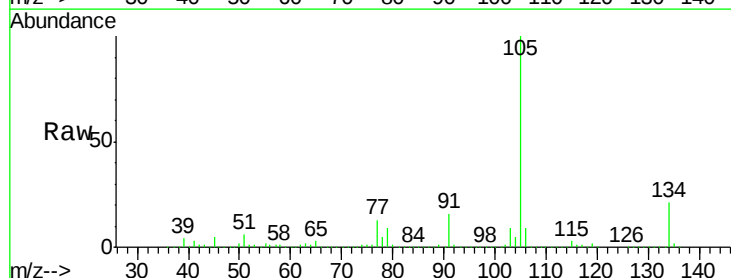
Instrument :
 MSVOA_X
 ClientSampleId :

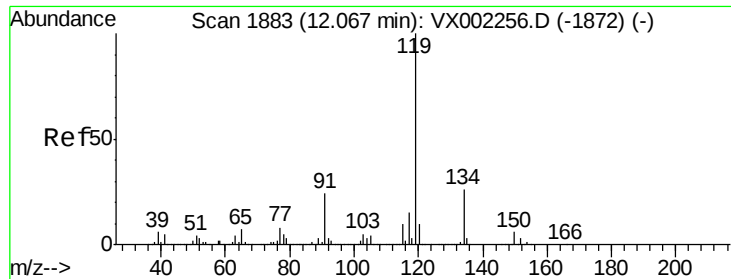
Tot Ion:105 Resp: 592687
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 47.16 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion:105 Resp: 676391
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1





#86

p-Isopropyltoluene

Concen: 47.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

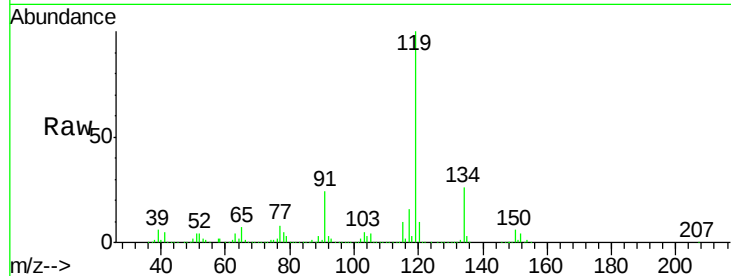
Tot Ion:119 Resp: 615765

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

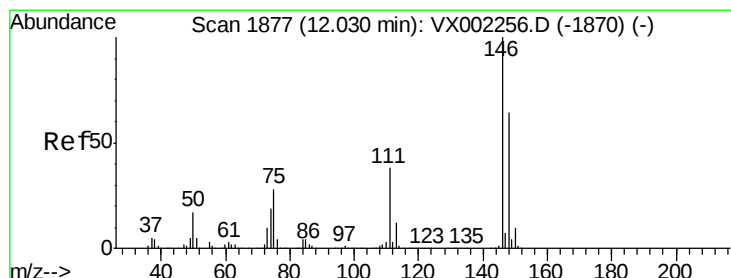
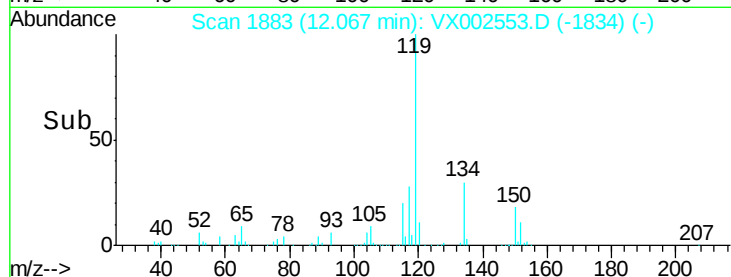
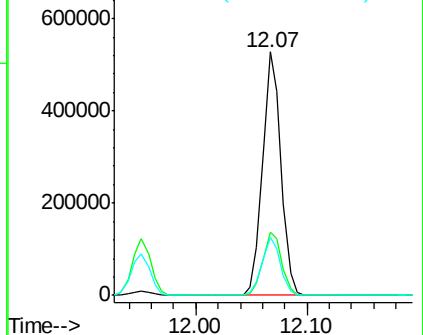
91 23.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 47.85 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

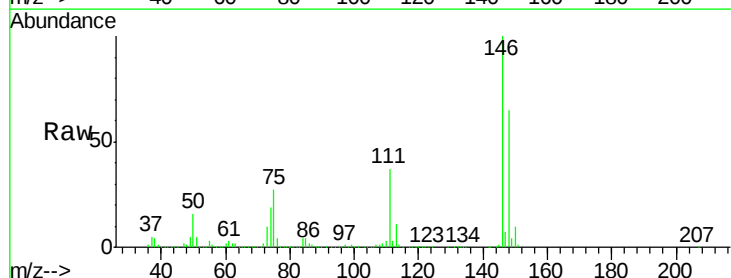
Tgt Ion:146 Resp: 351804

Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.7

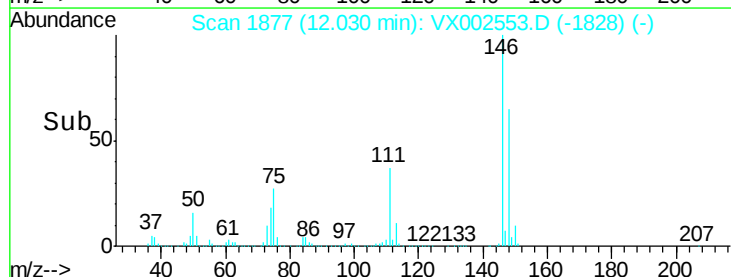
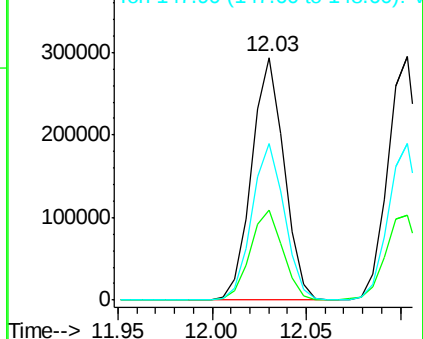
148 64.6 32.1 96.3

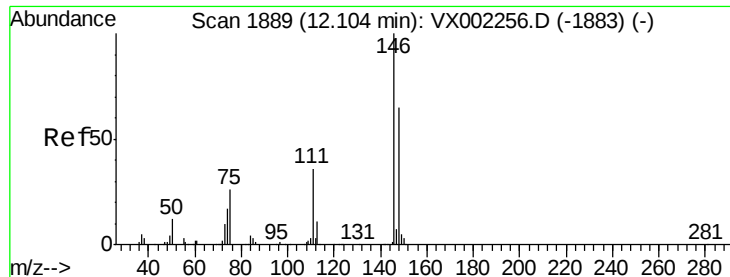


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

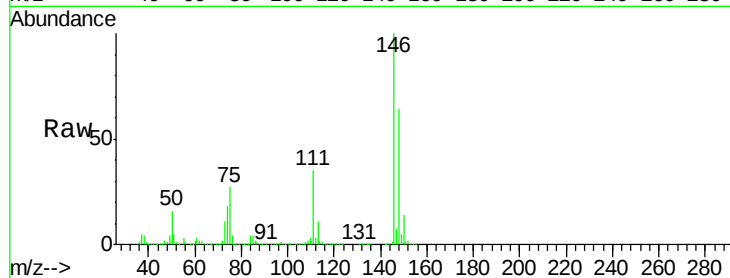




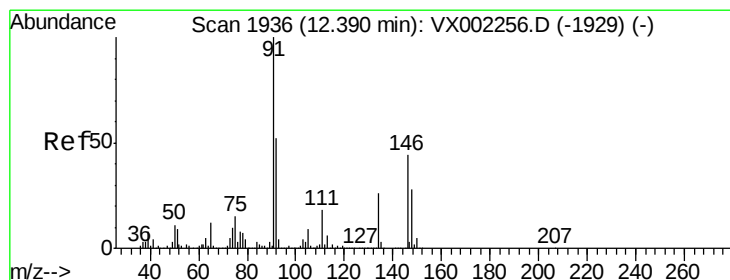
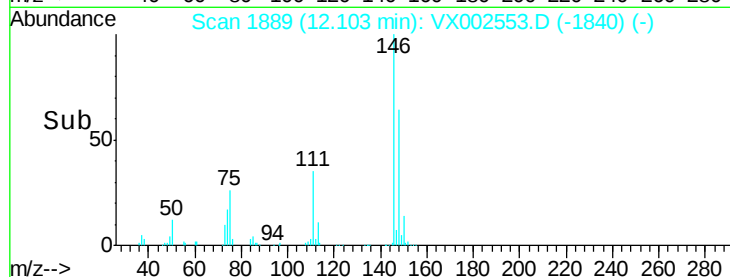
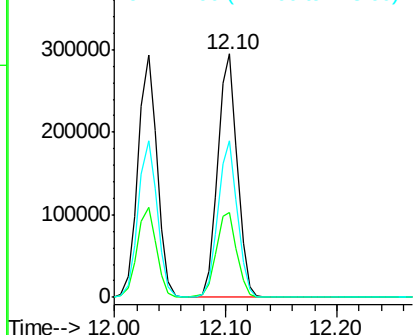
#88
 1,4-Dichlorobenzene
 Concen: 47.21 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 357777
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.7 56.1
 148 63.9 32.4 97.0

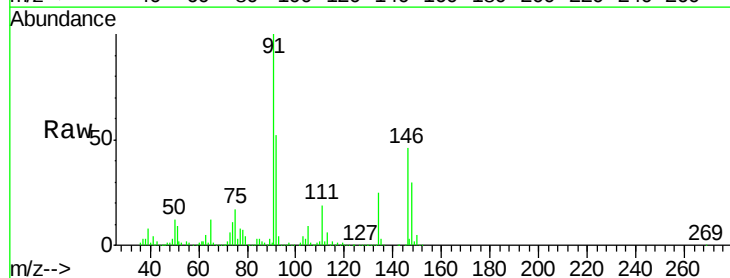


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

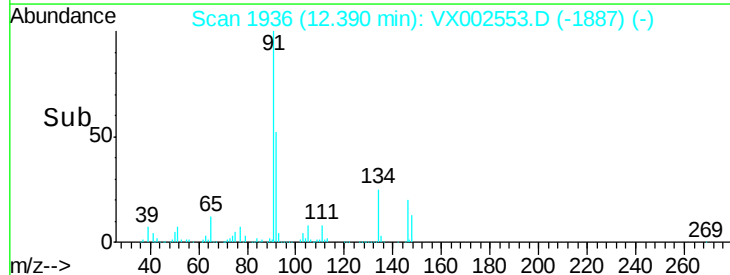
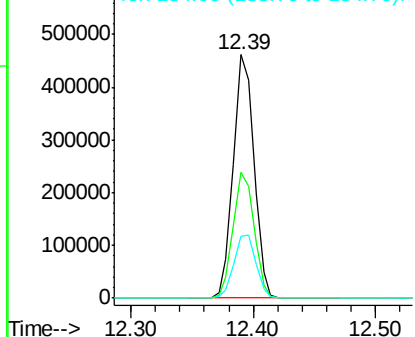


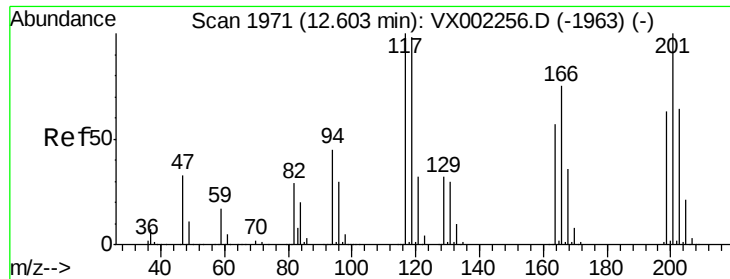
#89
 n-Butylbenzene
 Concen: 49.06 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Tgt Ion: 91 Resp: 537468
 Ion Ratio Lower Upper
 91 100
 92 52.3 26.0 78.0
 134 27.3 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 44.60 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

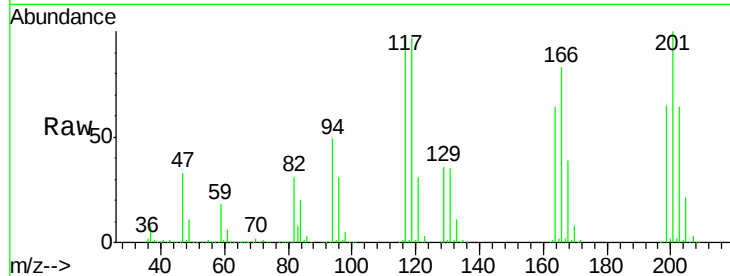
ClientSampled :

Tot Ion:117 Resp: 93012

Ion Ratio Lower Upper

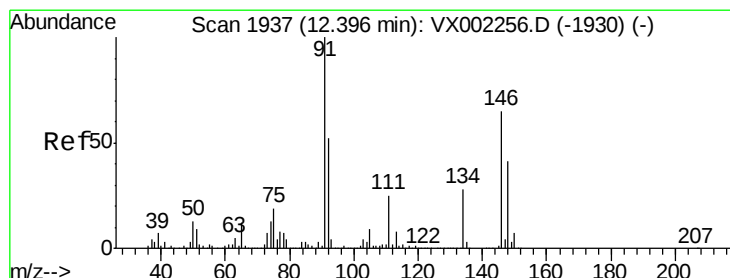
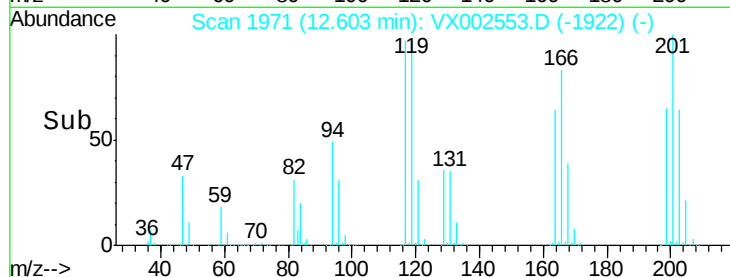
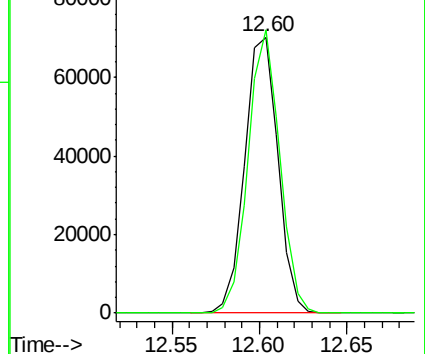
117 100

201 97.0 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

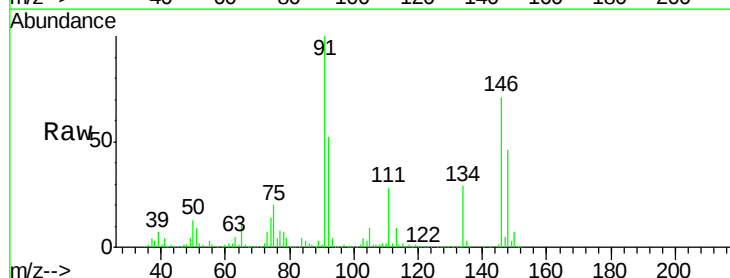
Tgt Ion:146 Resp: 355944

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.1

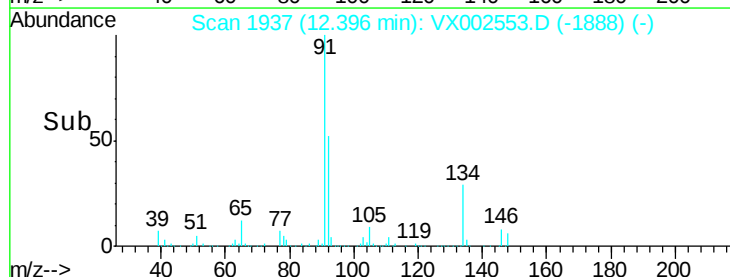
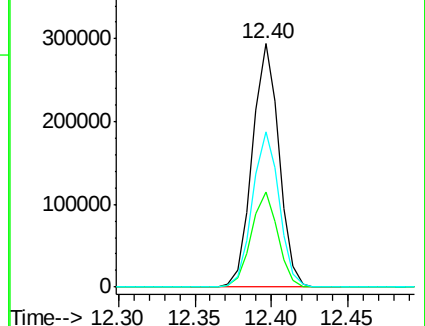
148 64.0 31.7 95.1

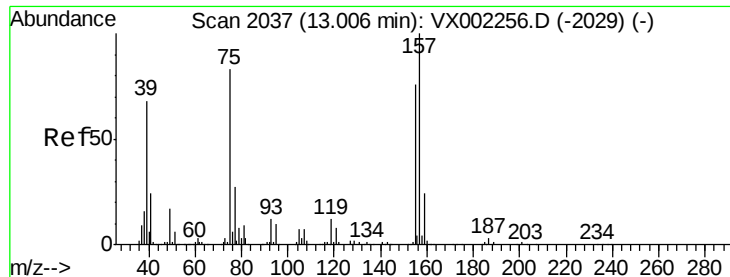


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 58.62 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

Instrument :

MSVOA_X

ClientSampleId :

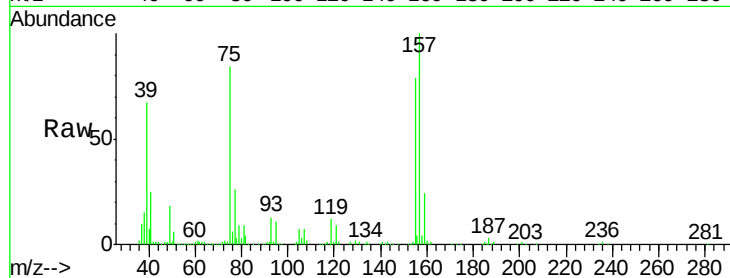
Tot Ion: 75 Resp: 59046

Ion Ratio Lower Upper

75 100

155 95.7 45.8 137.4

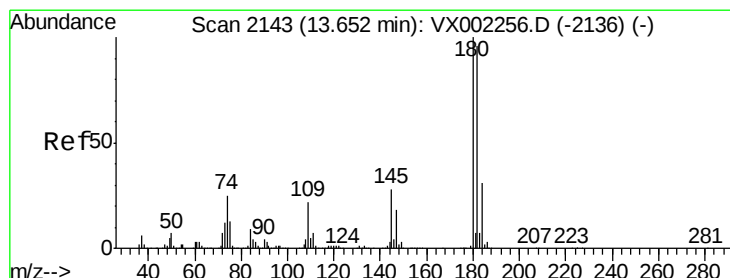
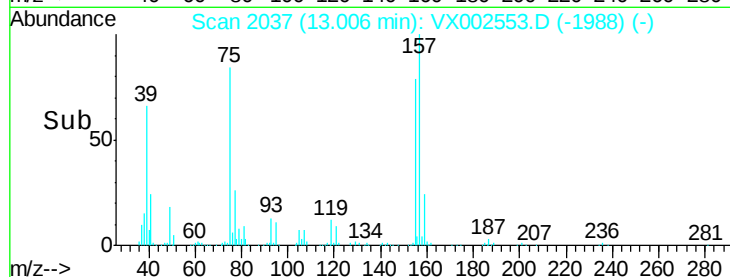
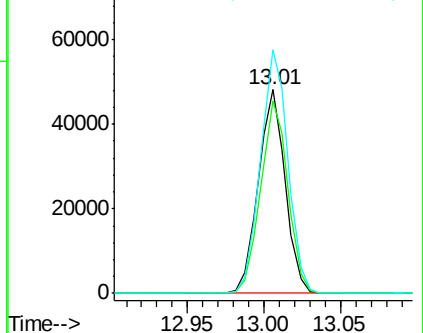
157 122.3 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX002256.D (-2029) (-)

Ion 154.80 (154.50 to 155.50): VX002256.D (-2029) (-)

Ion 156.80 (156.50 to 157.50): VX002256.D (-2029) (-)



#93

1,2,4-Trichlorobenzene

Concen: 48.49 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002553.D

Acq: 14 Jun 2018 15:53

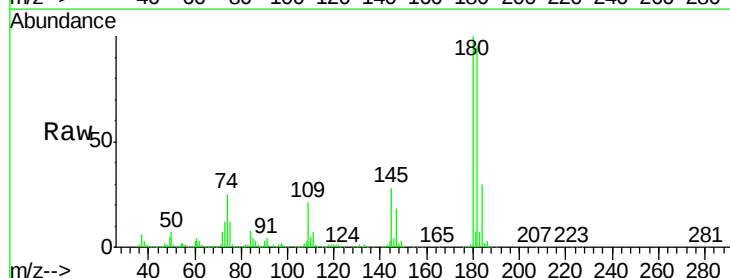
Tgt Ion: 180 Resp: 258629

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

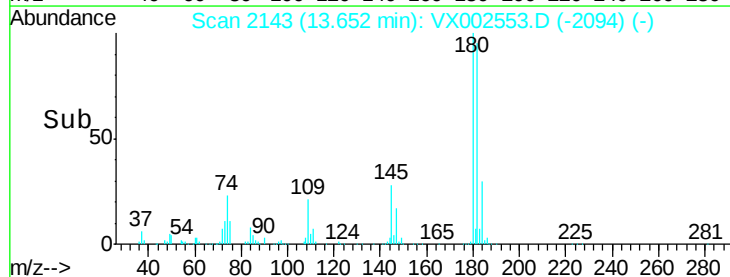
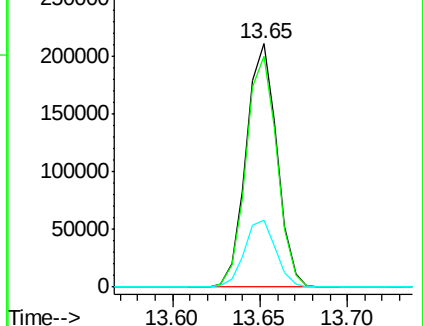
145 27.9 14.1 42.4

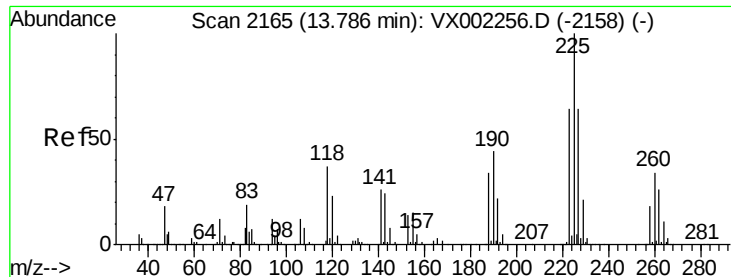


Abundance Ion 179.80 (179.50 to 180.50): VX002256.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX002256.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX002256.D (-2136) (-)

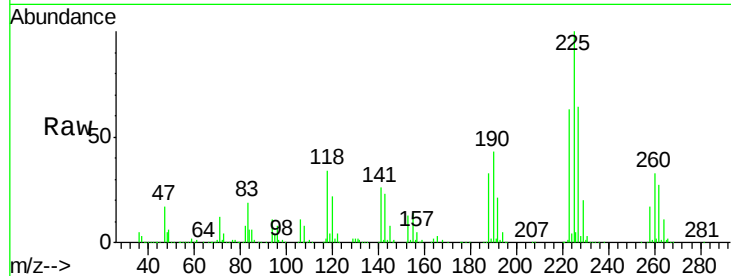




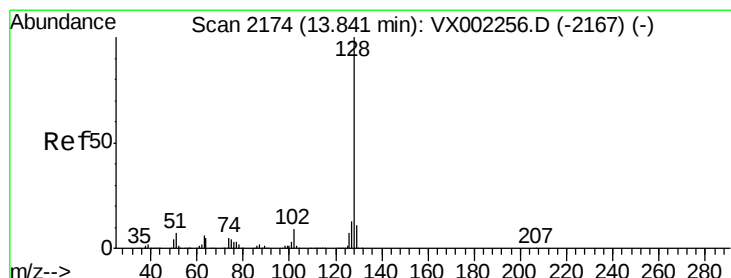
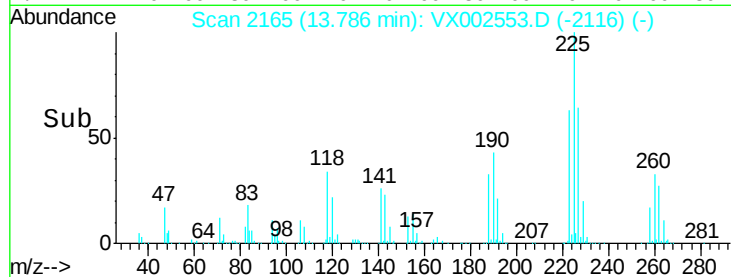
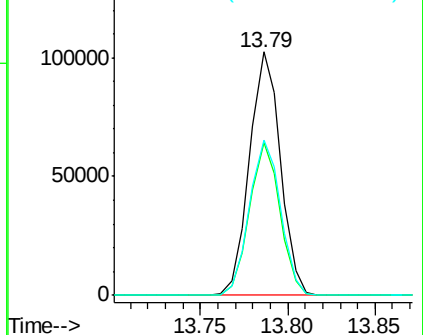
#94
Hexachlorobutadiene
Concen: 47.70 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:225 Resp: 125721
Ion Ratio Lower Upper
225 100
223 61.9 31.6 95.0
227 64.6 32.4 97.2

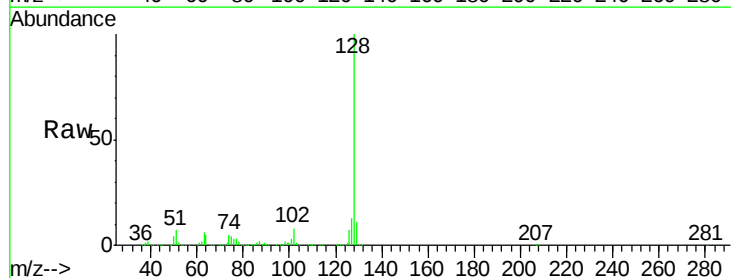


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

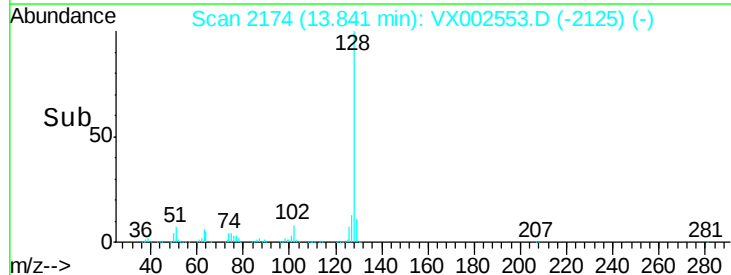
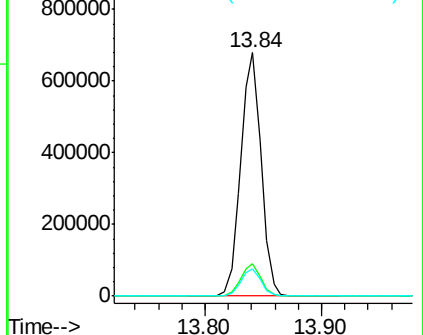


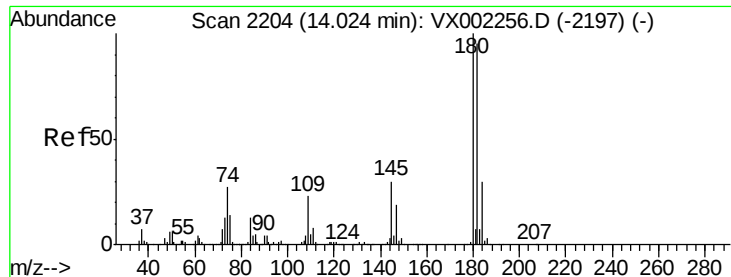
#95
Naphthalene
Concen: 54.24 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002553.D
Acq: 14 Jun 2018 15:53

Tgt Ion:128 Resp: 831269
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0



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

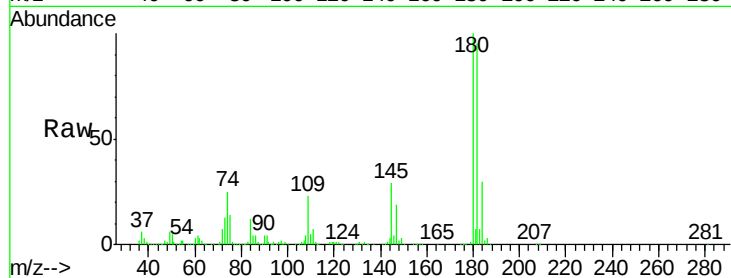




#96
 1,2,3-Trichlorobenzene
 Concen: 48.08 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002553.D
 Acq: 14 Jun 2018 15:53

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.0
145	29.4	14.8	44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

