

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002277.D
 Acq On : 04 Jun 2018 23:39
 Operator : JC/MD
 Sample : VX0604WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:07:57 2018
 Quant Method : Y:\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	261758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	389446	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191773	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	5.51	113	142954	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.72	98	559648	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.14	95	204973	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58252	21.41	ug/l	99
3) Chloromethane	1.32	50	71335	21.23	ug/l	97
4) Vinyl Chloride	1.41	62	73737	21.50	ug/l	98
5) Bromomethane	1.64	94	48478	23.19	ug/l	97
6) Chloroethane	1.73	64	46270	20.86	ug/l	99
7) Trichlorofluoromethane	1.93	101	118375	22.66	ug/l	97
8) Diethyl Ether	2.19	74	42676	21.62	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64108	22.74	ug/l	99
10) Methyl Iodide	2.51	142	75264	18.98	ug/l	98
11) Tert butyl alcohol	3.07	59	94262	111.94	ug/l	99
12) 1,1-Dichloroethene	2.38	96	58989	21.17	ug/l	96
13) Acrolein	2.30	56	43610	111.95	ug/l	99
14) Allyl chloride	2.73	41	119106	19.70	ug/l	99
15) Acrylonitrile	3.15	53	186836	111.93	ug/l	99
16) Acetone	2.45	43	174387	96.56	ug/l	99
17) Carbon Disulfide	2.57	76	137350	18.70	ug/l	100
18) Methyl Acetate	2.78	43	89155	22.28	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	225039	21.84	ug/l	100
20) Methylene Chloride	2.86	84	69326	21.87	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	63819	20.77	ug/l	98
22) Diisopropyl ether	3.88	45	212985	20.20	ug/l	98
23) Vinyl Acetate	3.83	43	910771	92.90	ug/l	100
24) 1,1-Dichloroethane	3.70	63	110624	18.51	ug/l	99
25) 2-Butanone	4.71	43	248880	96.97	ug/l	100
26) 2,2-Dichloropropane	4.59	77	76014	16.27	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	66066	19.77	ug/l	99
28) Bromochloromethane	5.03	49	58048	20.75	ug/l	100
29) Tetrahydrofuran	5.17	42	162119	97.97	ug/l	99
30) Chloroform	5.22	83	115149	19.97	ug/l	98
31) Cyclohexane	5.58	56	99483	21.05	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	98740	20.19	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80415	19.64	ug/l	99
37) Ethyl Acetate	4.87	43	98076	19.92	ug/l	100
38) Carbon Tetrachloride	5.79	117	83357	19.46	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97588	19.45	ug/l	95
40) Benzene	6.15	78	250789	19.98	ug/l	100
41) Methacrylonitrile	5.06	41	54487	19.33	ug/l	98
42) 1,2-Dichloroethane	6.20	62	99630	19.98	ug/l	100
43) Isopropyl Acetate	6.47	43	160850	19.23	ug/l	100
44) Trichloroethene	7.22	130	70900	20.35	ug/l	94
45) 1,2-Dichloropropane	7.52	63	66774	19.70	ug/l	99
46) Dibromomethane	7.67	93	45041	19.61	ug/l	99
47) Bromodichloromethane	7.90	83	79264	19.08	ug/l	99
48) Methyl methacrylate	7.78	41	81721	19.45	ug/l	99
49) 1,4-Dioxane	7.76	88	32113	408.85	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	517509	99.37	ug/l	100
52) Toluene	8.79	92	161892	20.28	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	92976	18.66	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83857	17.84	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	65045	19.81	ug/l	99
56) Ethyl methacrylate	9.18	69	100403	19.15	ug/l	100
57) 1,3-Dichloropropane	9.38	76	110406	20.04	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243559	100.37	ug/l	99
59) 2-Hexanone	9.50	43	395383	98.29	ug/l	99
60) Dibromochloromethane	9.59	129	60873	18.43	ug/l	97
61) 1,2-Dibromoethane	9.68	107	68466	20.00	ug/l	99
64) Tetrachloroethene	9.34	164	80181	20.79	ug/l	98
65) Chlorobenzene	10.14	112	184918	19.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64211	19.06	ug/l	99
67) Ethyl Benzene	10.26	91	316970	20.36	ug/l	99
68) m/p-Xylenes	10.37	106	244263	40.36	ug/l	99
69) o-Xylene	10.70	106	121208	20.12	ug/l	98
70) Styrene	10.72	104	194823	19.79	ug/l	98
71) Bromoform	10.86	173	45072	17.36	ug/l #	99
73) Isopropylbenzene	11.02	105	323551	20.65	ug/l	99
74) N-amyl acetate	6.47	43	160850	19.05	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	94603	19.20	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	106604	21.57	ug/l	80
77) Bromobenzene	11.26	156	87823	19.96	ug/l	98
78) n-propylbenzene	11.37	91	363891	20.89	ug/l	100
79) 2-Chlorotoluene	11.43	91	220085	20.01	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	273027	20.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22034	15.63	ug/l	90
82) 4-Chlorotoluene	11.51	91	255696	20.14	ug/l	99
83) tert-Butylbenzene	11.77	119	267188	20.41	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	279269	20.19	ug/l	99
85) sec-Butylbenzene	11.95	105	325645	21.22	ug/l	99
86) p-Isopropyltoluene	12.07	119	287170	20.55	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	156012	19.83	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156913	19.35	ug/l	100
89) n-Butylbenzene	12.39	91	237869	20.29	ug/l	100
90) Hexachloroethane	12.60	117	39774	17.83	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	161216	19.81	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20479	19.00	ug/l	96

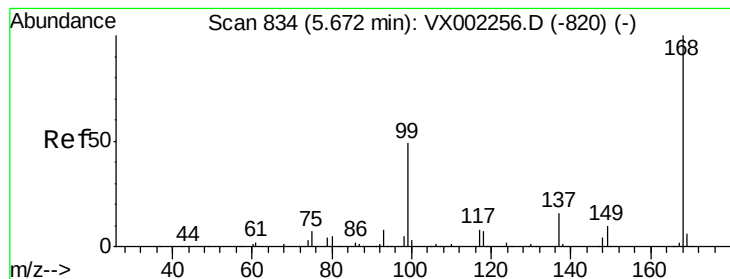
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112575	19.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	57818	20.50	ug/l	99
95) Naphthalene	13.84	128	331028	20.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116703	20.05	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: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

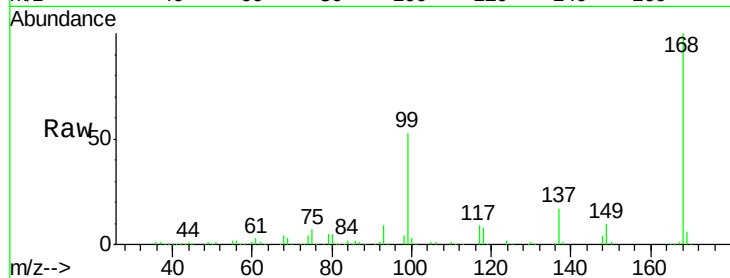
ClientSampleId :

Tot Ion:168 Resp: 261758

Ion Ratio Lower Upper

168 100

99 52.3 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

100000

80000

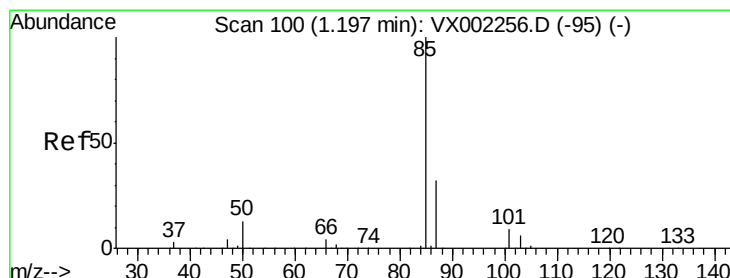
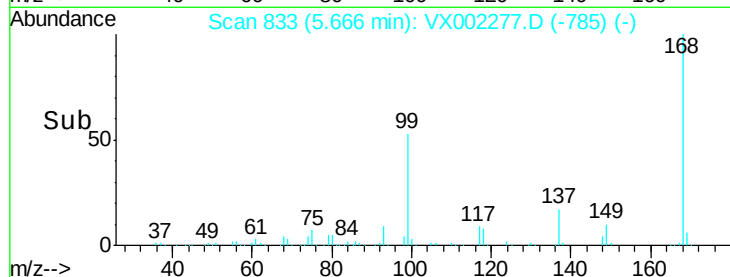
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.41 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002277.D

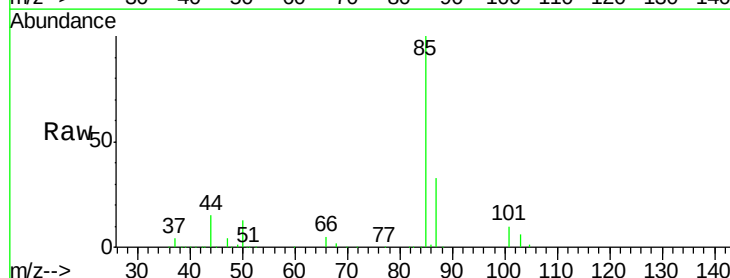
Acq: 04 Jun 2018 23:39

Tgt Ion: 85 Resp: 58252

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

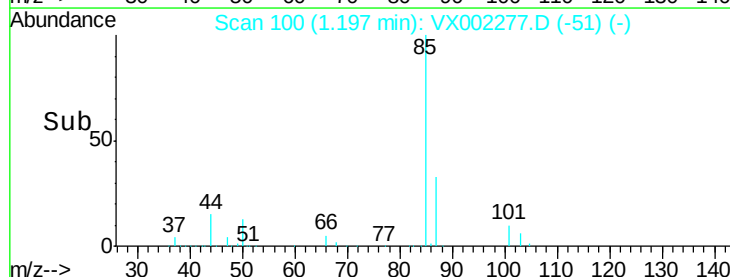
60000

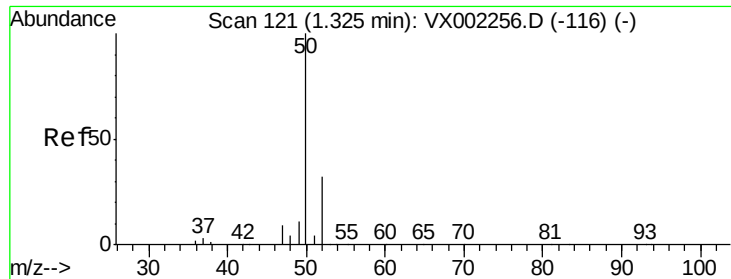
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 21.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

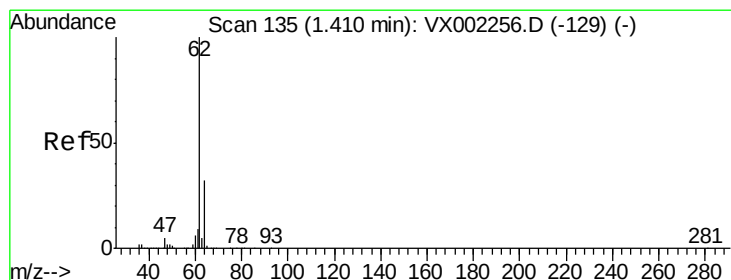
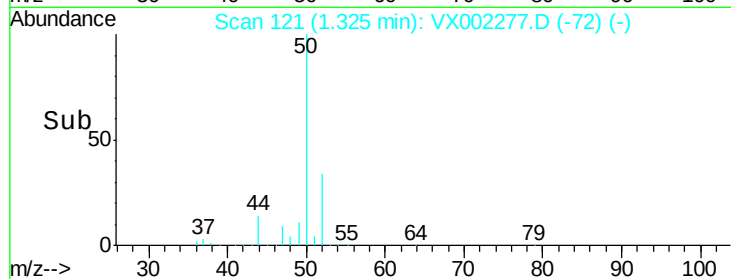
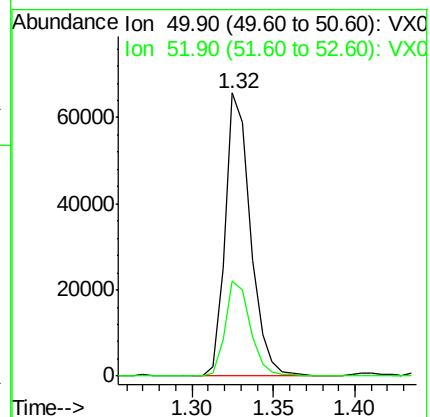
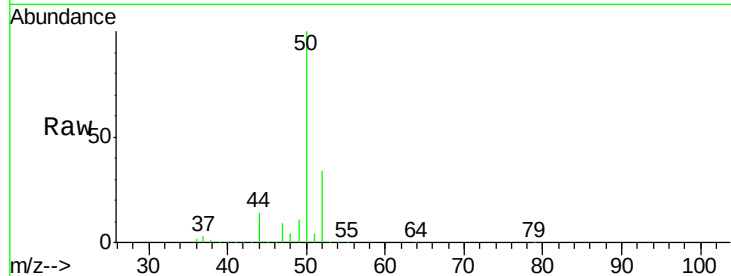
ClientSampleId :

Tot Ion: 50 Resp: 71335

Ion Ratio Lower Upper

50 100

52 33.8 25.7 38.5



#4

Vinyl Chloride

Concen: 21.50 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX002277.D

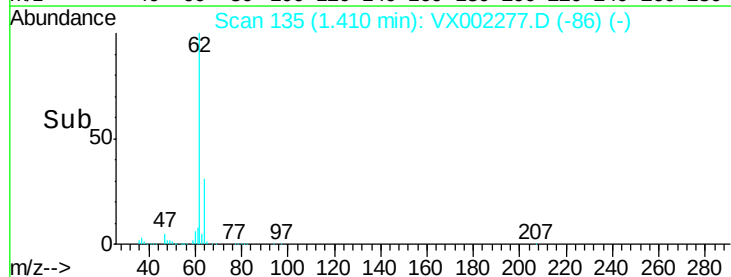
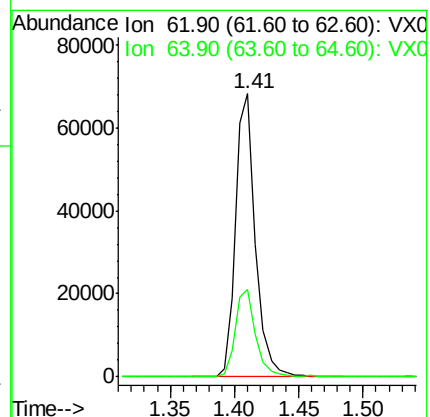
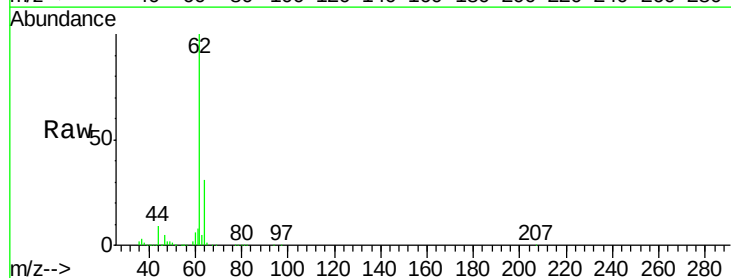
Acq: 04 Jun 2018 23:39

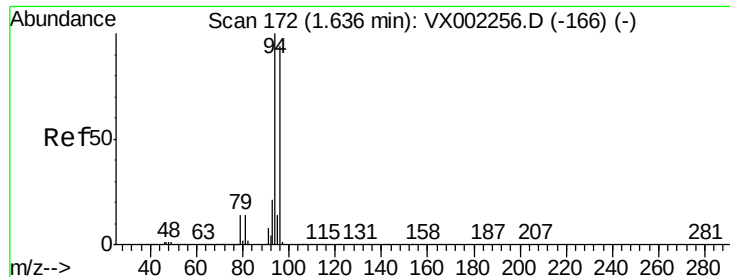
Tgt Ion: 62 Resp: 73737

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.2





#5

Bromomethane

Concen: 23.19 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

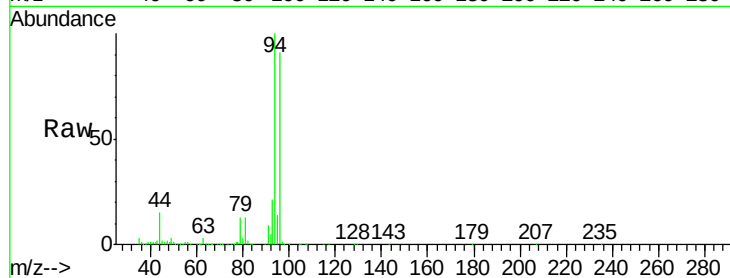
ClientSampleId :

Tot Ion: 94 Resp: 48478

Ion Ratio Lower Upper

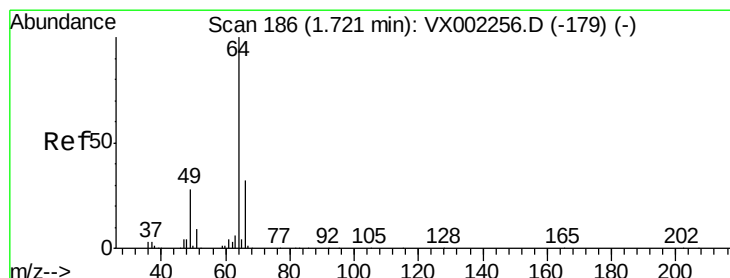
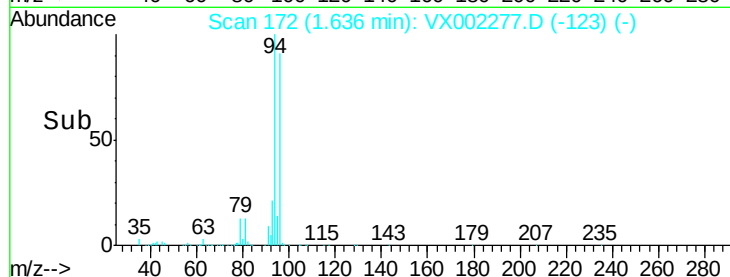
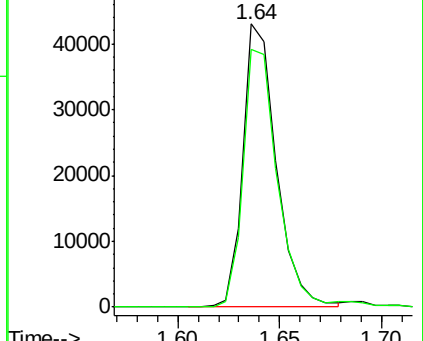
94 100

96 91.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.86 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002277.D

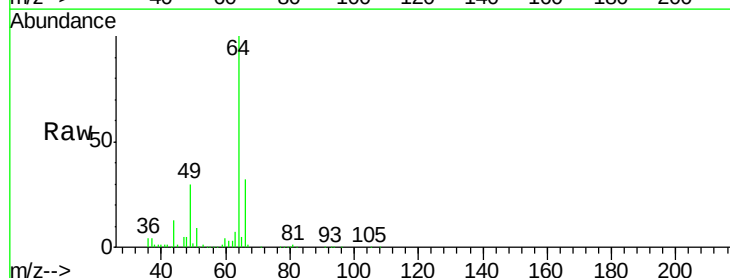
Acq: 04 Jun 2018 23:39

Tgt Ion: 64 Resp: 46270

Ion Ratio Lower Upper

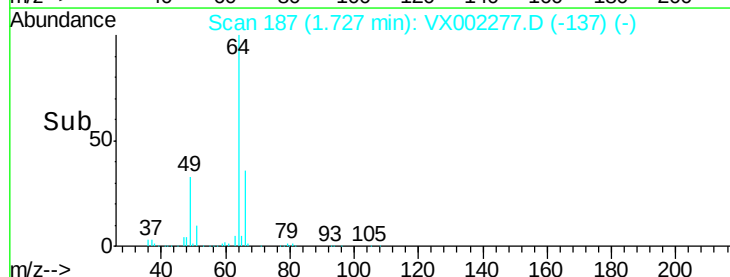
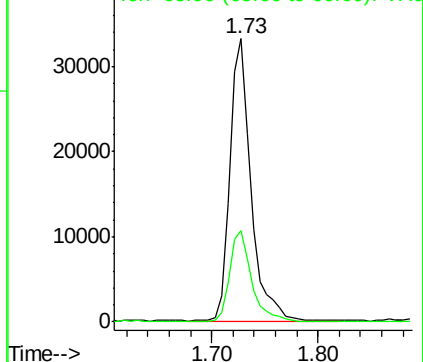
64 100

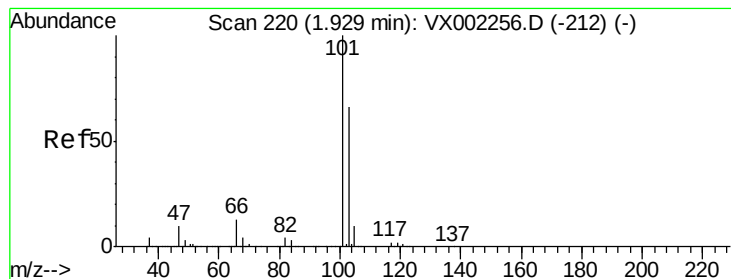
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



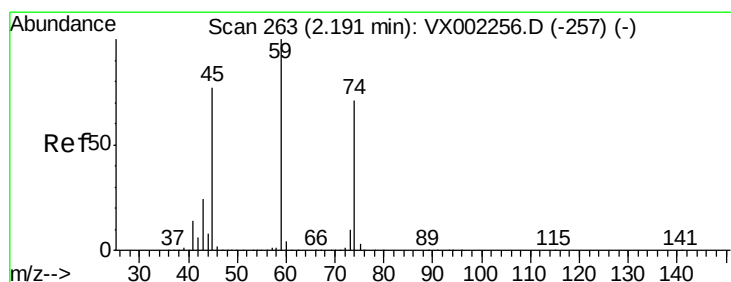
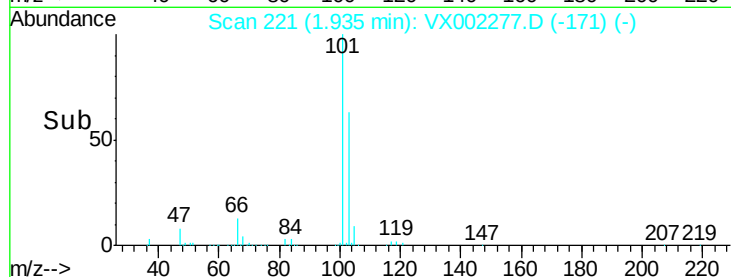
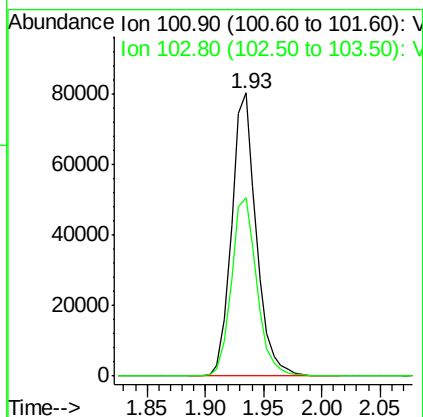
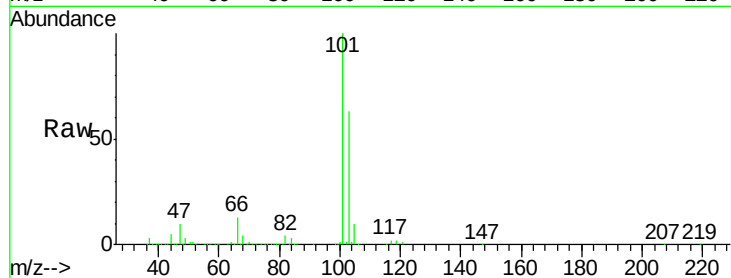


#7

Trichlorofluoromethane
Concen: 22.66 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Instrument :
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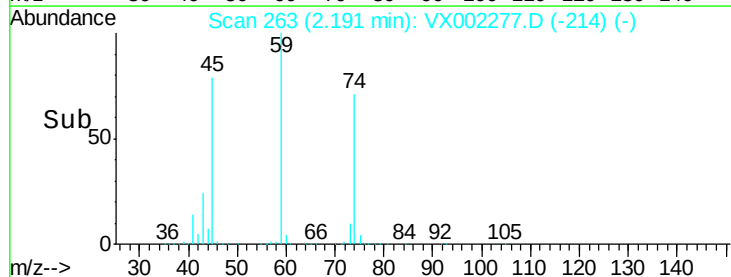
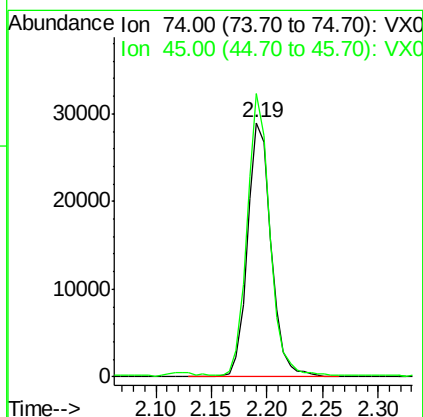
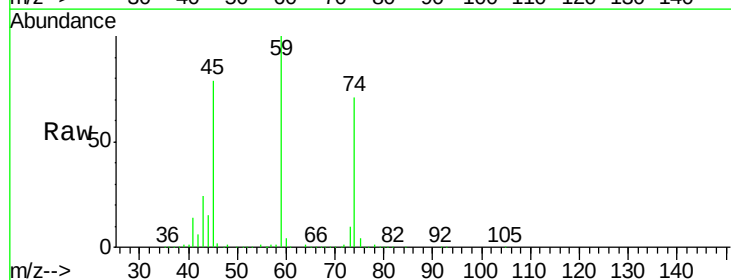
Tot Ion:101 Resp: 118375
Ion Ratio Lower Upper
101 100
103 63.2 52.8 79.2

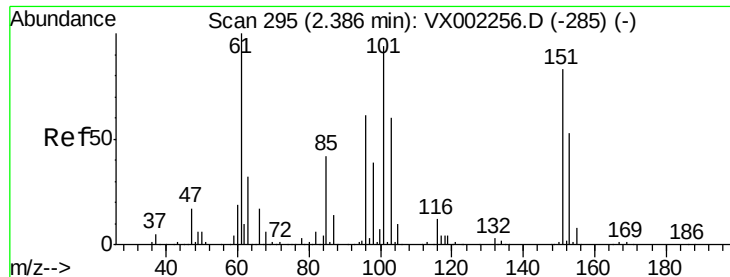


#8

Diethyl Ether
Concen: 21.62 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 74 Resp: 42676
Ion Ratio Lower Upper
74 100
45 106.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.74 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

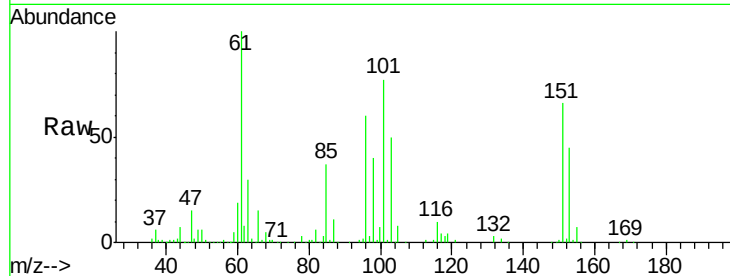
Tot Ion:101 Resp: 64108

Ion Ratio Lower Upper

101 100

85 46.2 36.0 54.0

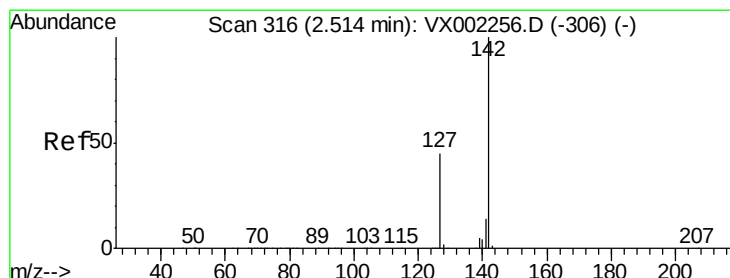
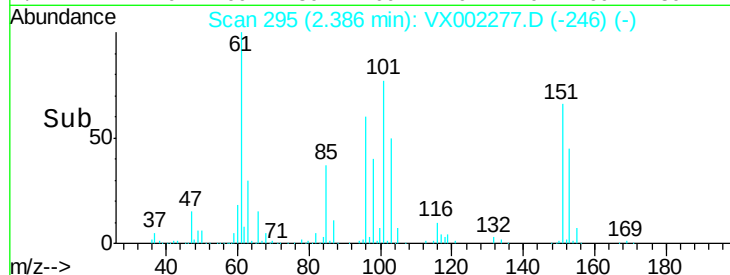
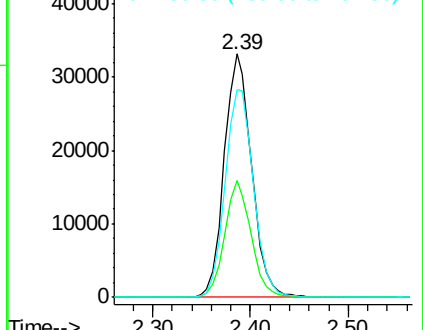
151 88.9 70.9 106.3



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: 18.98 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

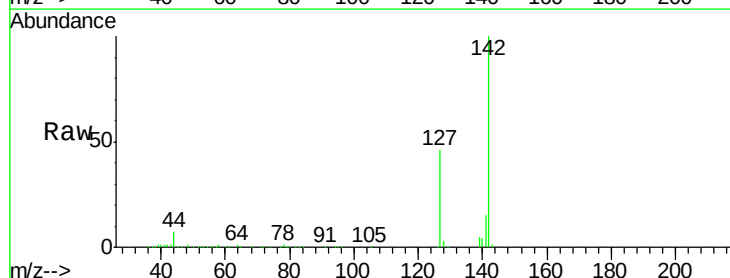
Tgt Ion:142 Resp: 75264

Ion Ratio Lower Upper

142 100

127 46.7 36.6 55.0

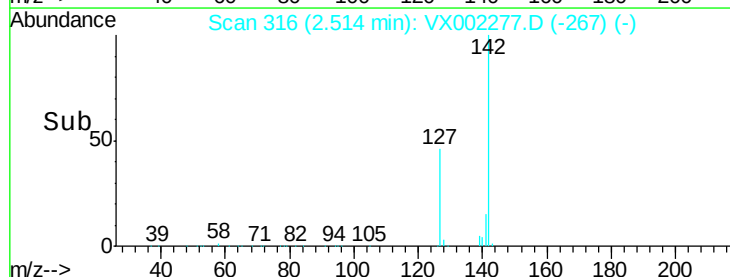
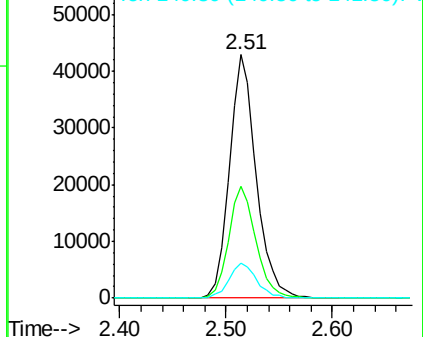
141 15.0 11.3 16.9

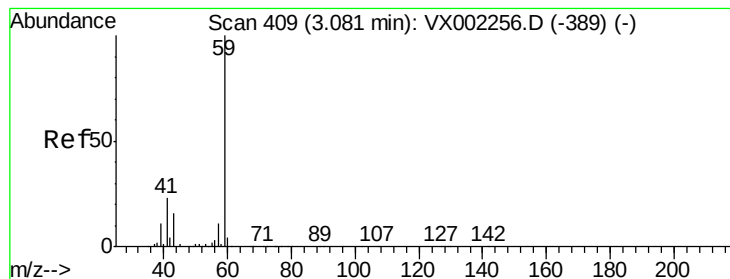


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



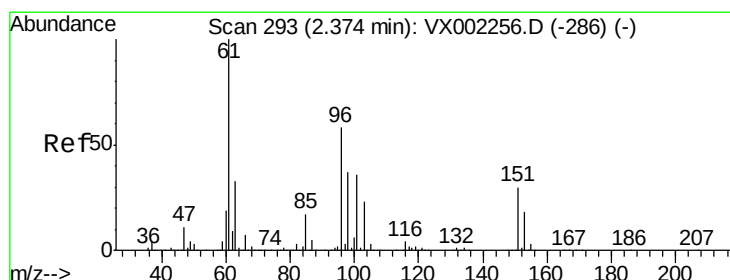
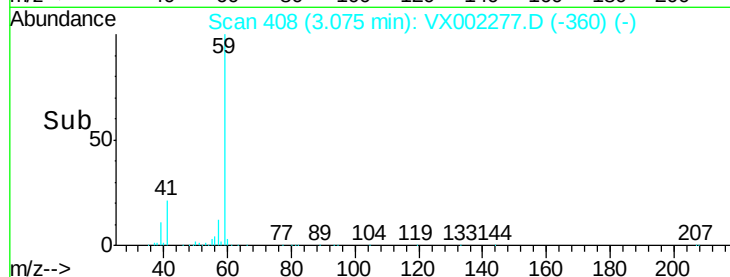
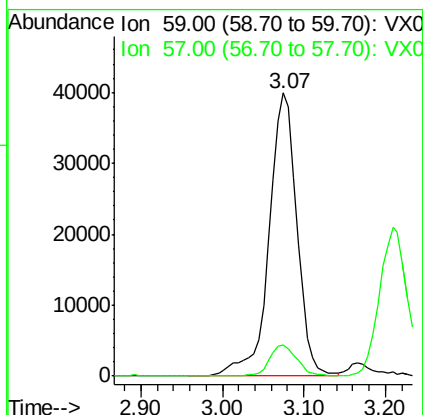
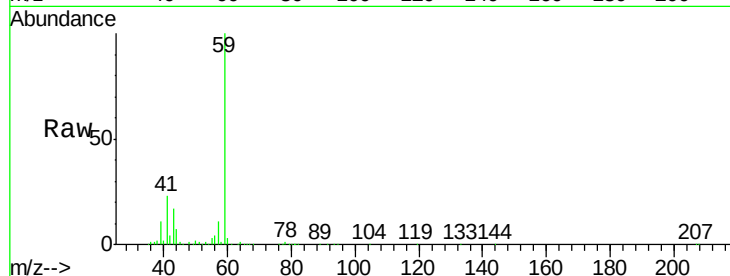


#11

Tert butyl alcohol
Concen: 111.94 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Instrument :
MSVOA_X
ClientSampled :

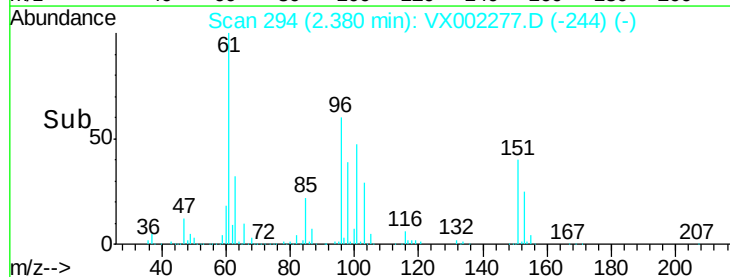
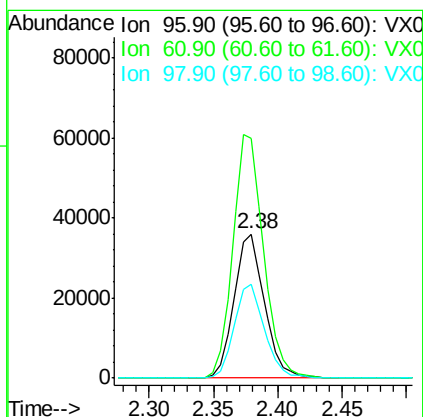
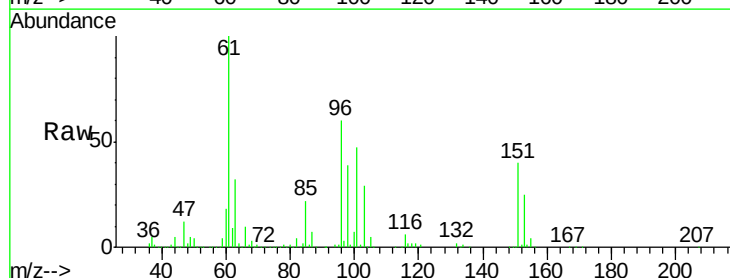
Tot Ion: 59 Resp: 94262
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

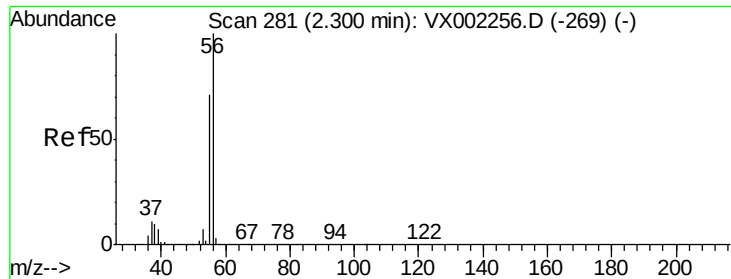


#12

1,1-Dichloroethene
Concen: 21.17 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 96 Resp: 58989
Ion Ratio Lower Upper
96 100
61 165.9 137.9 206.9
98 65.0 51.6 77.4





#13

Acrolein

Concen: 111.95 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

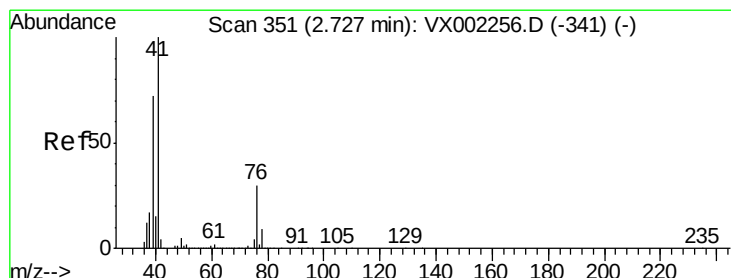
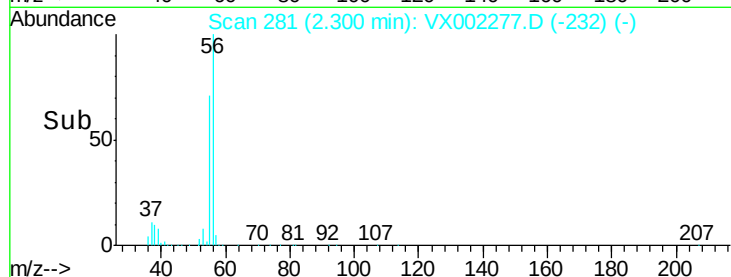
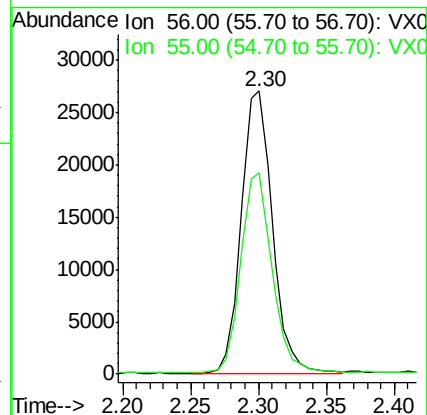
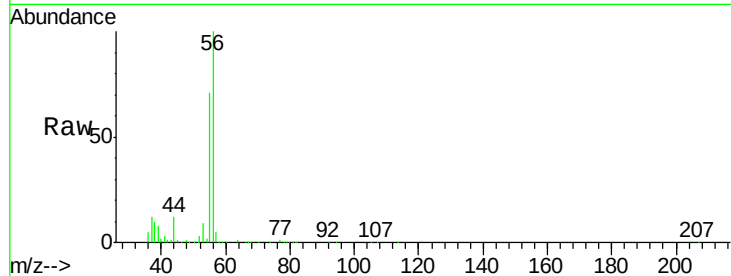
ClientSampleId :

Tot Ion: 56 Resp: 43610

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 19.70 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

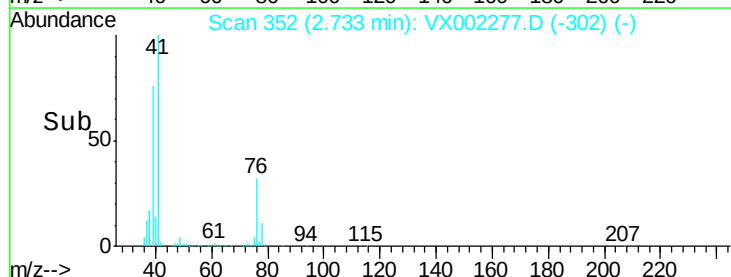
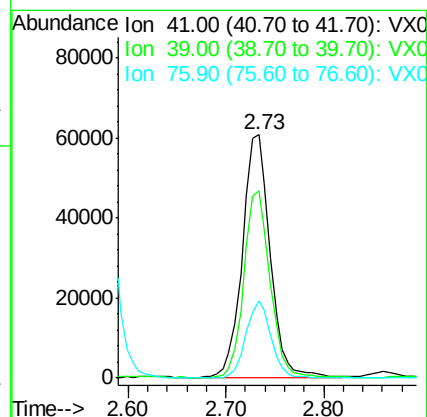
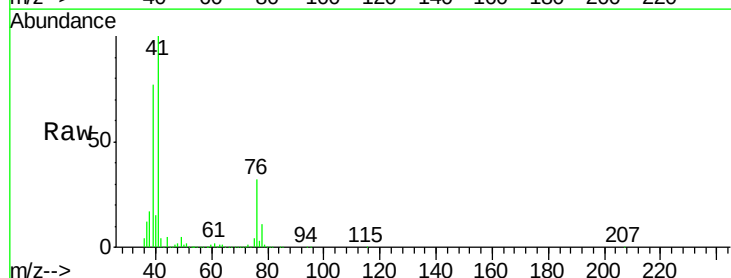
Tgt Ion: 41 Resp: 119106

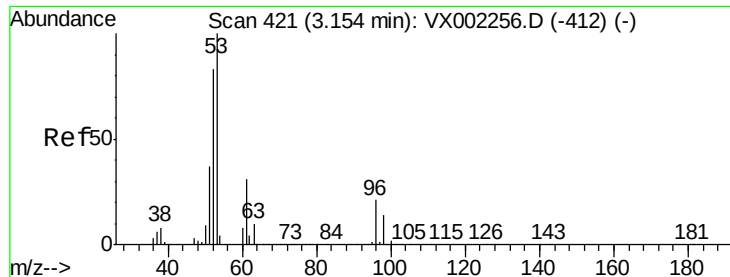
Ion Ratio Lower Upper

41 100

39 72.2 56.8 85.2

76 29.0 23.8 35.8





#15

Acrylonitrile

Concen: 111.93 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

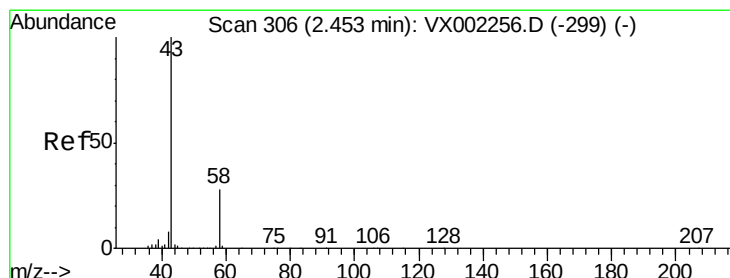
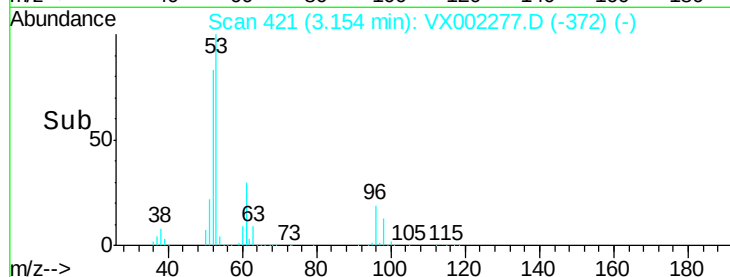
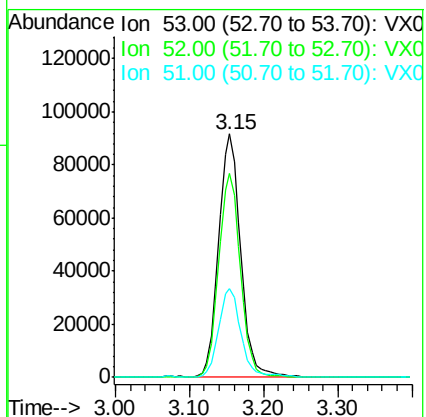
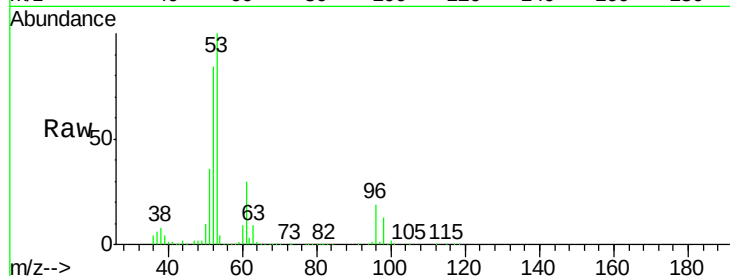
Tot Ion: 53 Resp: 186836

Ion Ratio Lower Upper

53 100

52 82.7 66.7 100.1

51 36.7 29.9 44.9



#16

Acetone

Concen: 96.56 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002277.D

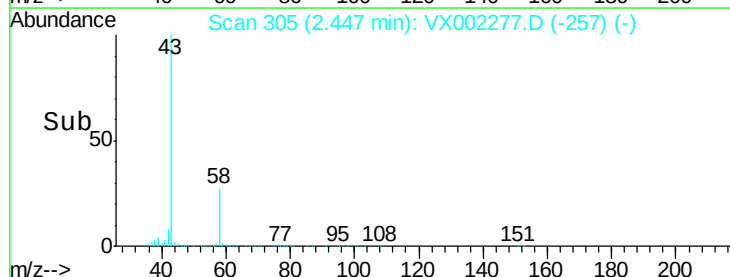
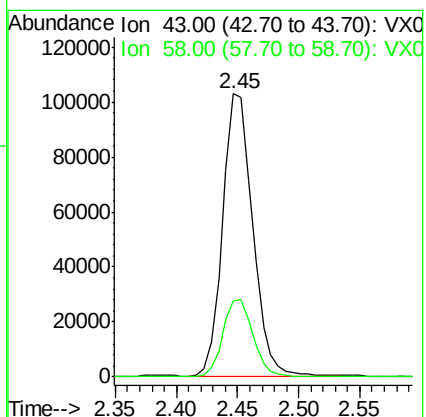
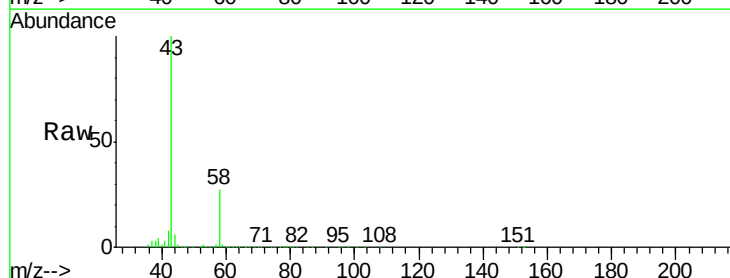
Acq: 04 Jun 2018 23:39

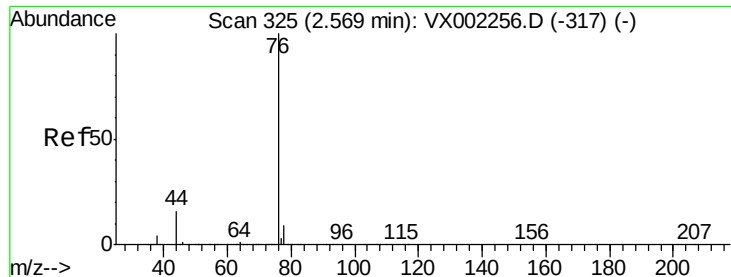
Tgt Ion: 43 Resp: 174387

Ion Ratio Lower Upper

43 100

58 27.1 22.1 33.1





#17

Carbon Disulfide

Concen: 18.70 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

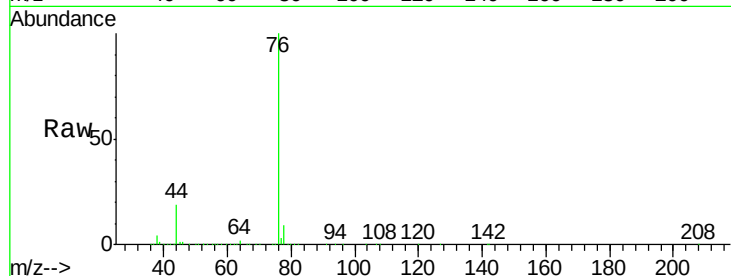
ClientSampleId :

Tot Ion: 76 Resp: 137350

Ion Ratio Lower Upper

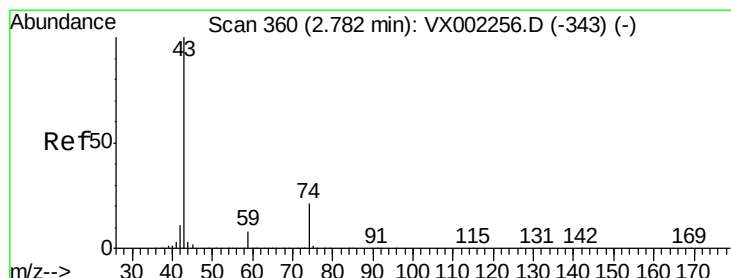
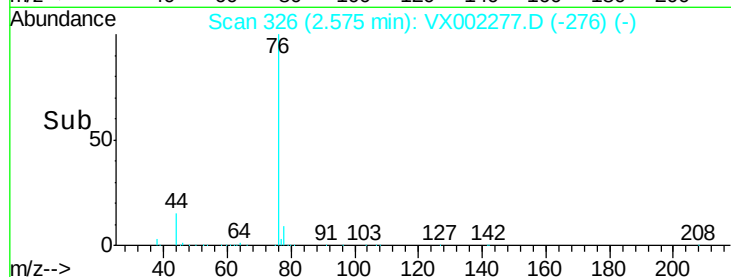
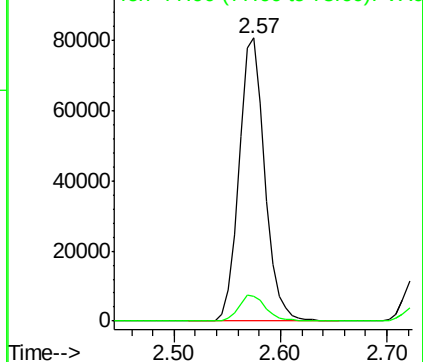
76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.28 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002277.D

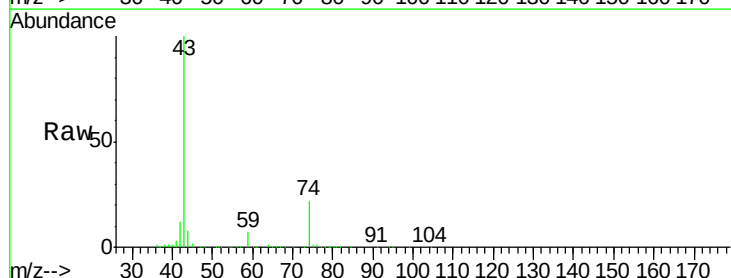
Acq: 04 Jun 2018 23:39

Tgt Ion: 43 Resp: 89155

Ion Ratio Lower Upper

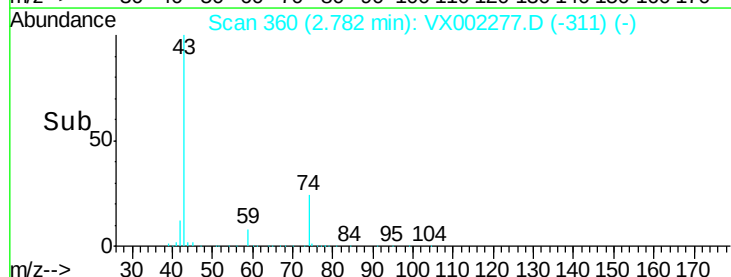
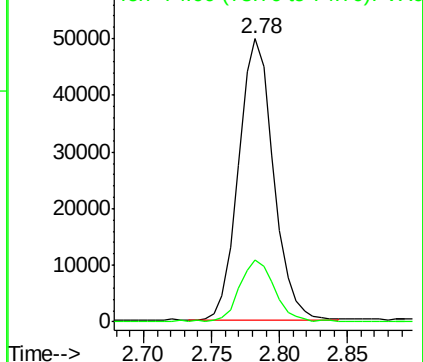
43 100

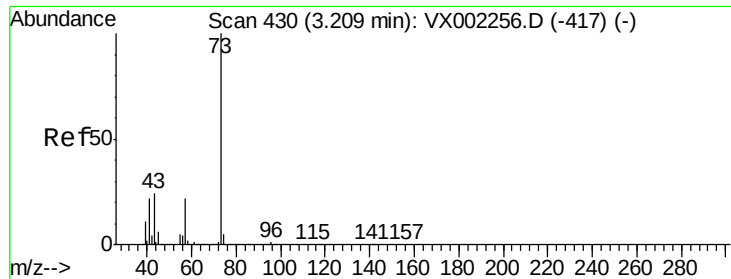
74 22.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

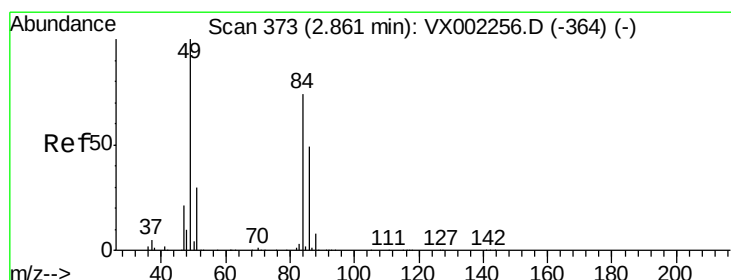
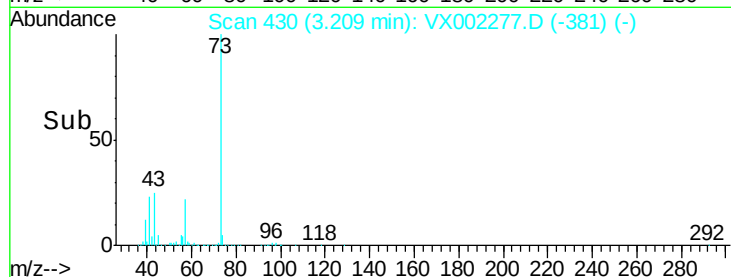
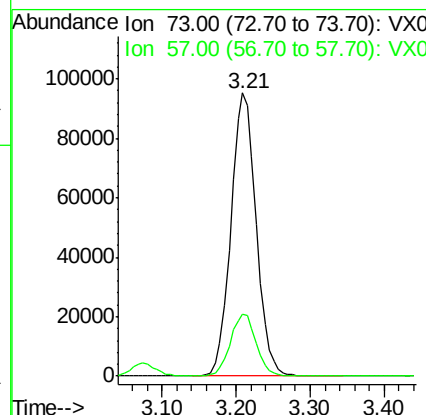
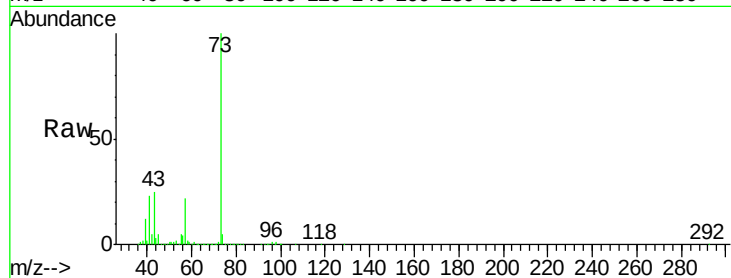




#19
Methyl tert-butyl Ether
Concen: 21.84 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

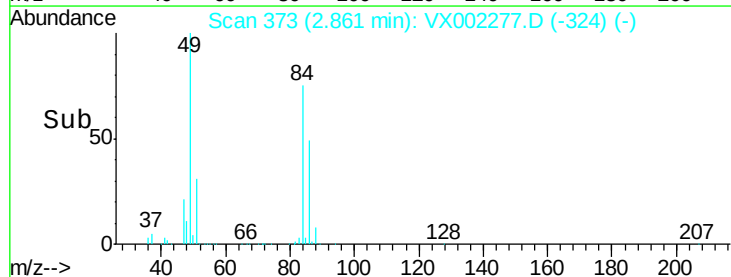
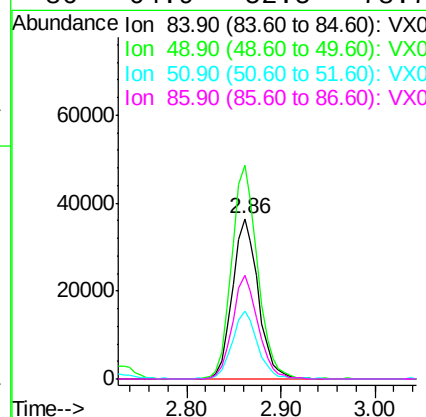
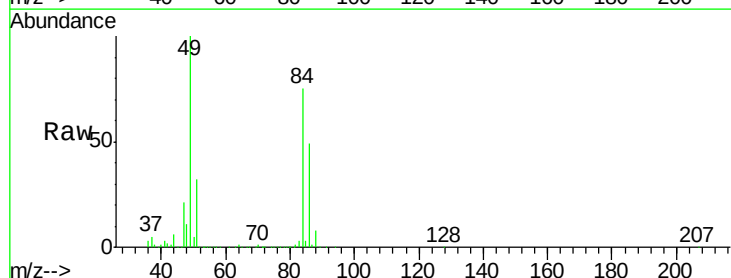
Instrument :
MSVOA_X
ClientSampleId :

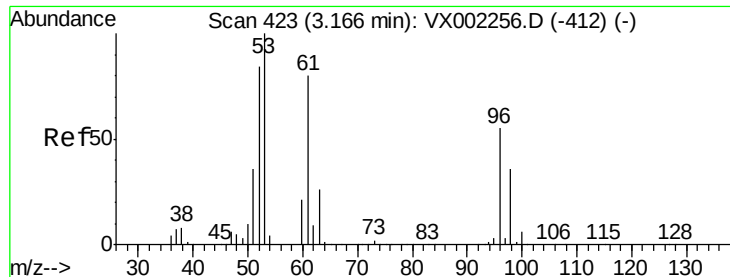
Tot Ion: 73 Resp: 225039
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 21.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 84 Resp: 69326
Ion Ratio Lower Upper
84 100
49 133.4 107.8 161.6
51 41.9 32.8 49.2
86 64.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.77 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

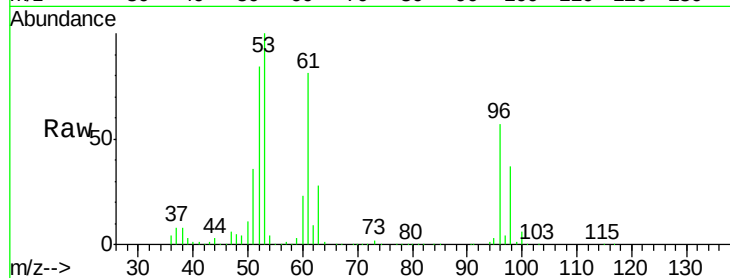
Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 63819

Ion	Ratio	Lower	Upper
96	100		
61	142.7	117.0	175.4
98	64.6	52.4	78.6

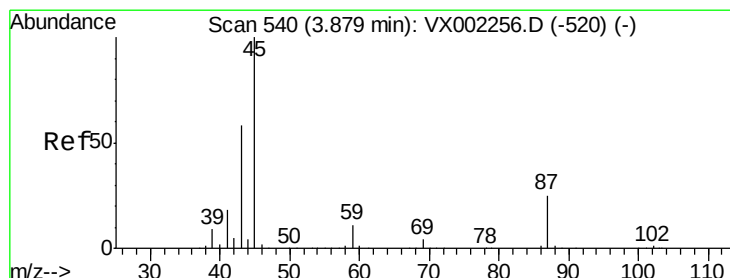
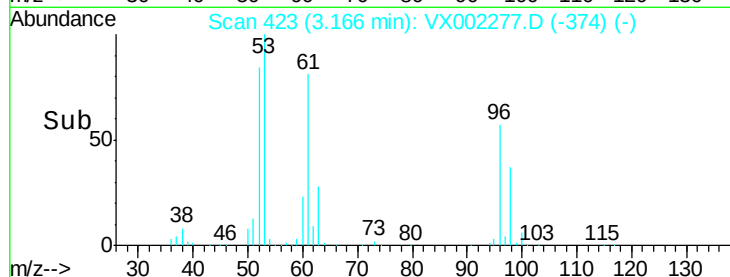
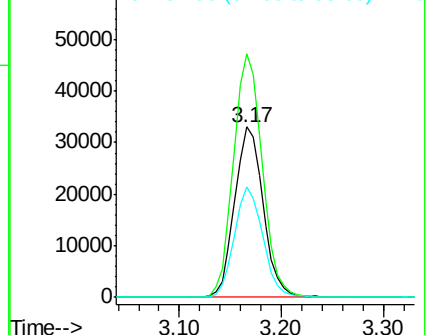


Abundance

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: 20.20 ug/l

RT: 3.88 min Scan# 540

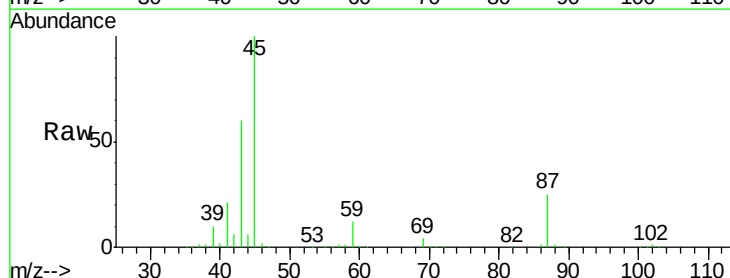
Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Tgt Ion: 45 Resp: 212985

Ion	Ratio	Lower	Upper
45	100		
43	59.9	46.8	70.2
87	24.9	20.2	30.4
59	11.9	8.7	13.1



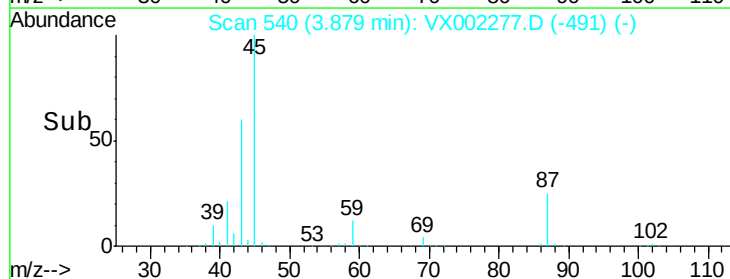
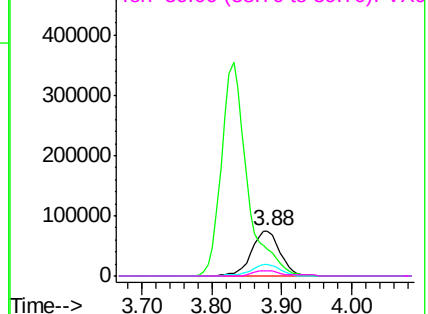
Abundance

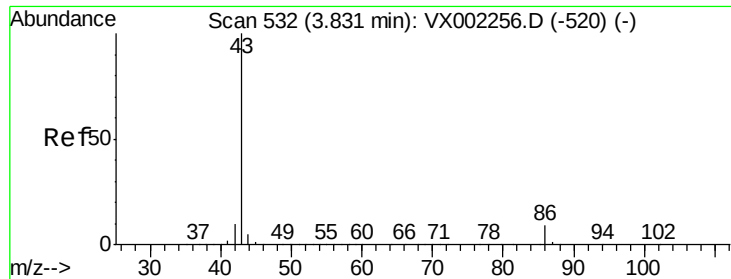
Ion 45.00 (44.70 to 45.70): VX0

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: 92.90 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

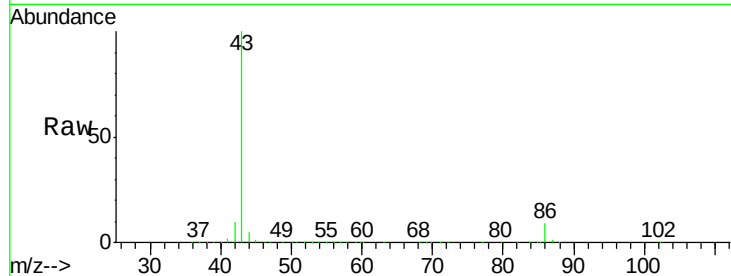
ClientSampleId :

Tot Ion: 43 Resp: 910771

Ion Ratio Lower Upper

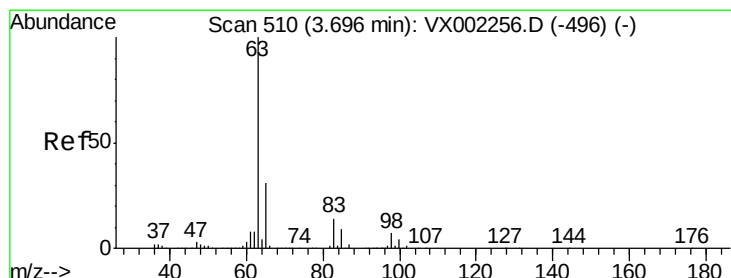
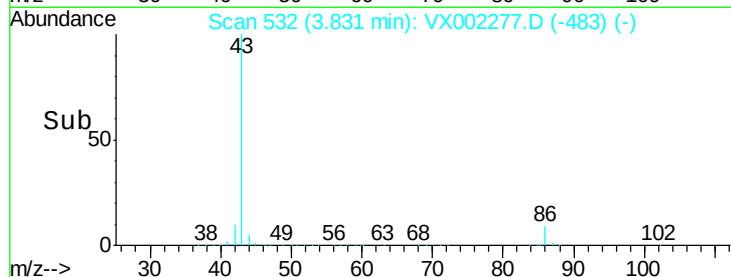
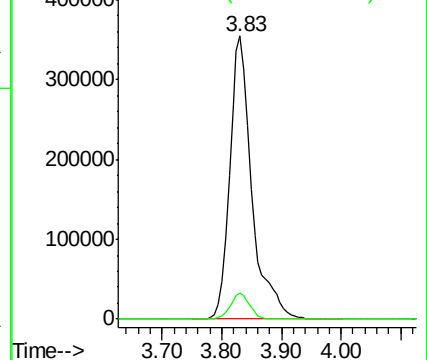
43 100

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: 18.51 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

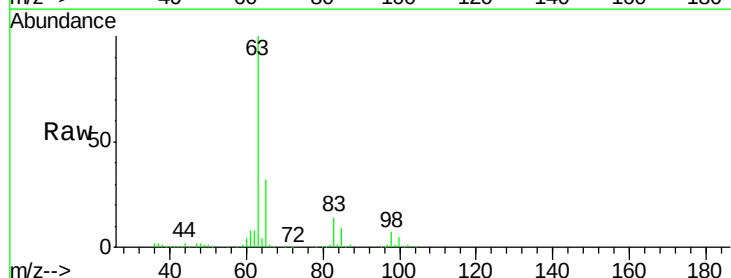
Tgt Ion: 63 Resp: 110624

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

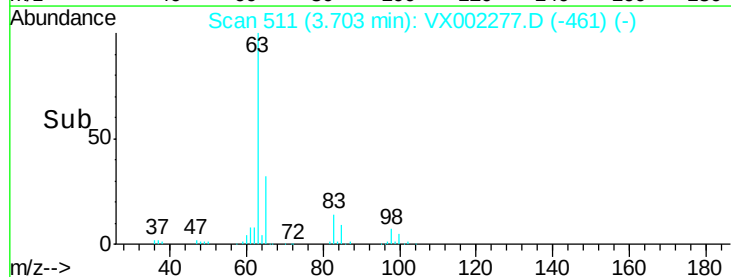
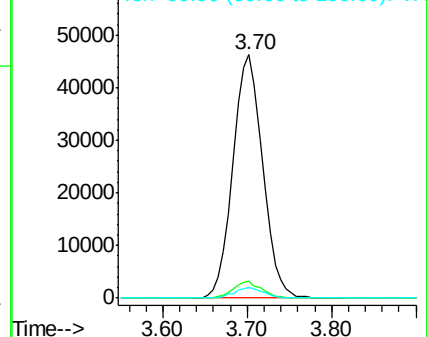
100 4.6 2.0 6.0

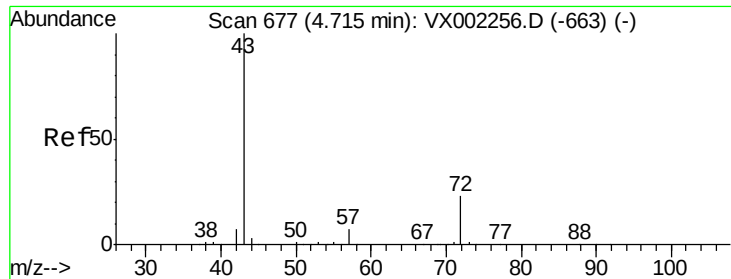


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.97 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

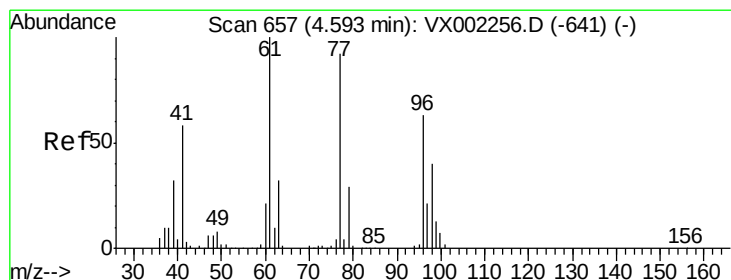
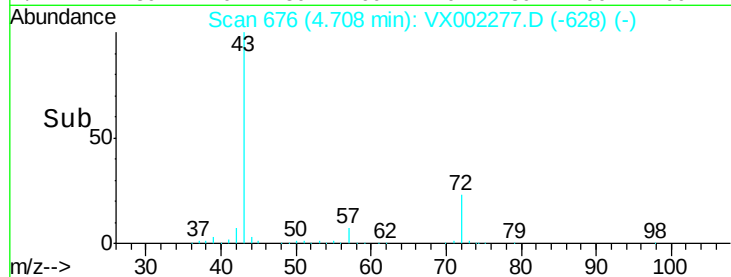
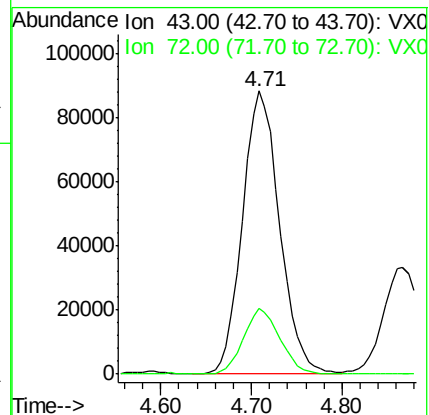
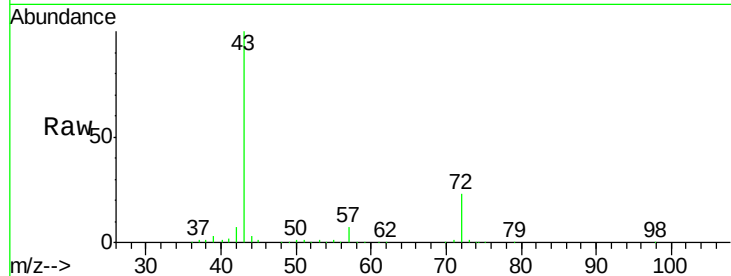
ClientSampled :

Tot Ion: 43 Resp: 248880

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 16.27 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX002277.D

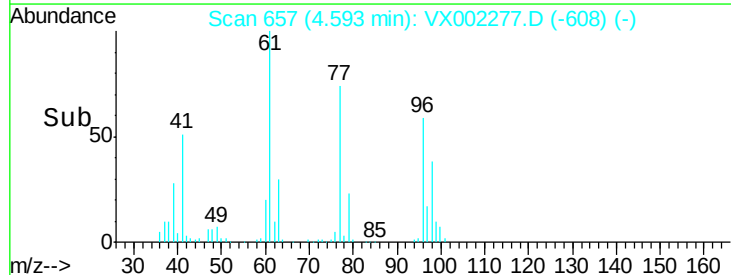
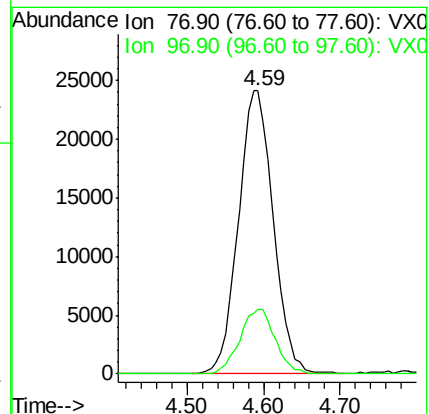
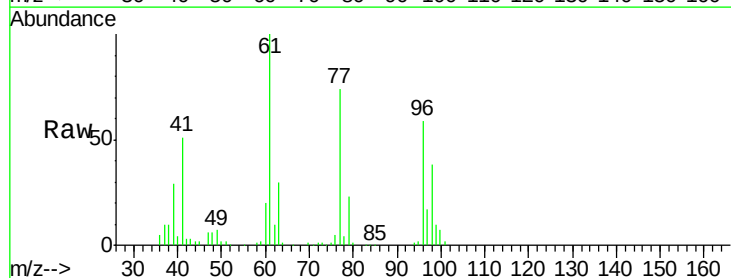
Acq: 04 Jun 2018 23:39

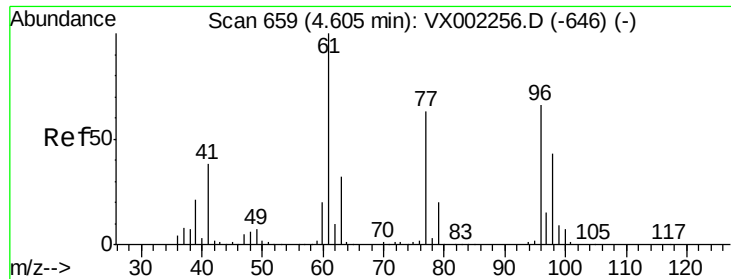
Tgt Ion: 77 Resp: 76014

Ion Ratio Lower Upper

77 100

97 23.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.77 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampled :

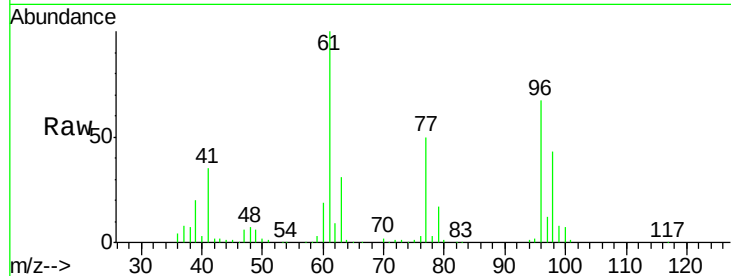
Tot Ion: 96 Resp: 66066

Ion Ratio Lower Upper

96 100

61 164.4 0.0 330.2

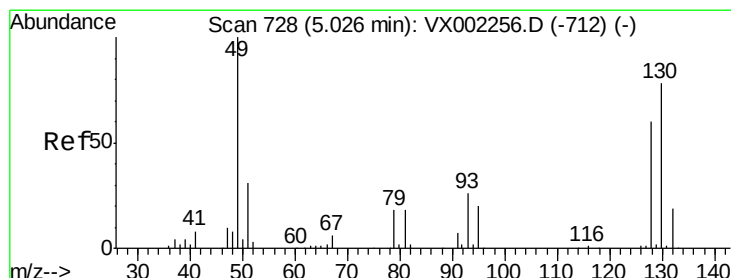
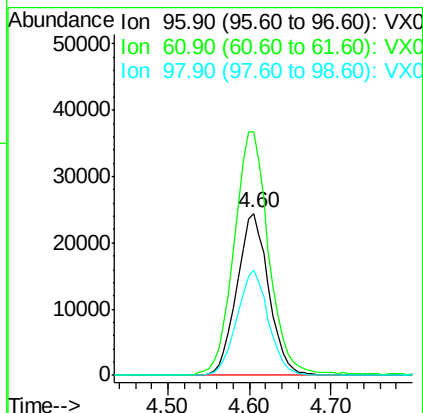
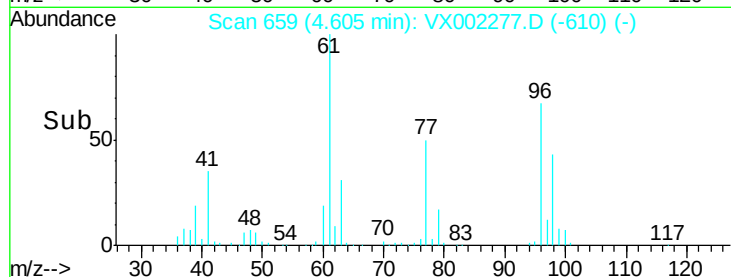
98 64.4 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 20.75 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

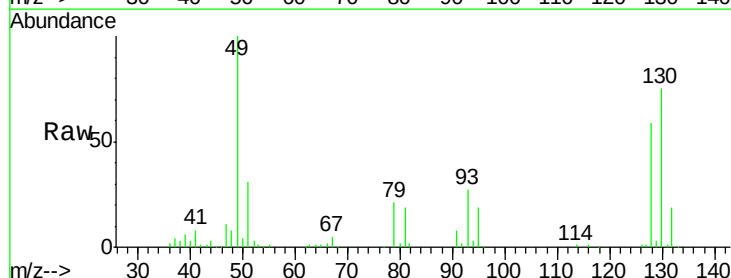
Tgt Ion: 49 Resp: 58048

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

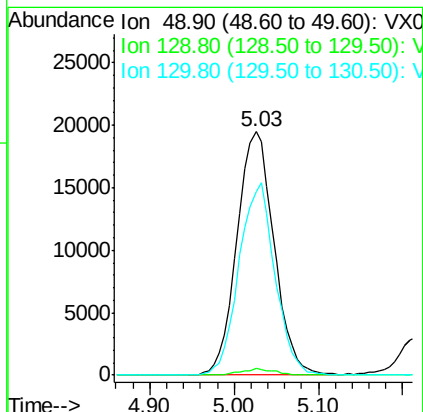
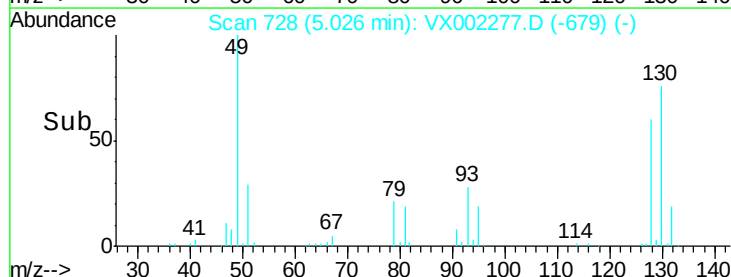
130 76.5 61.2 91.8

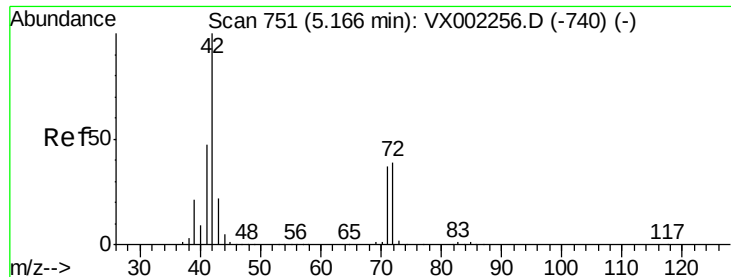


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

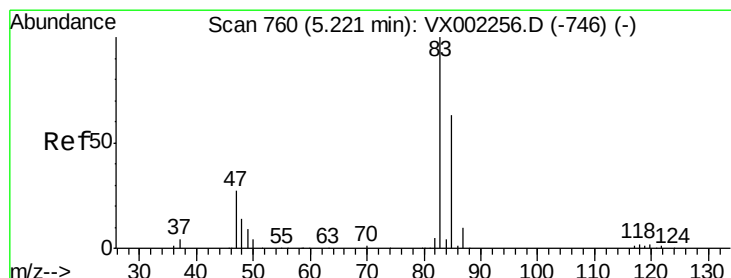
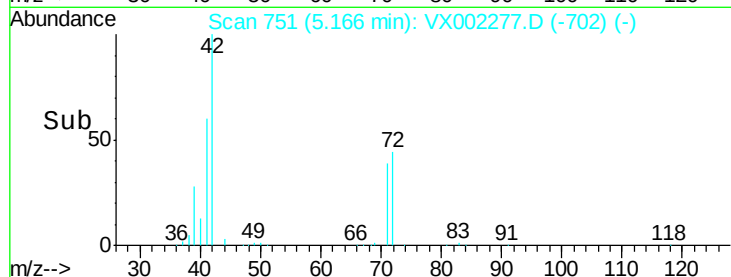
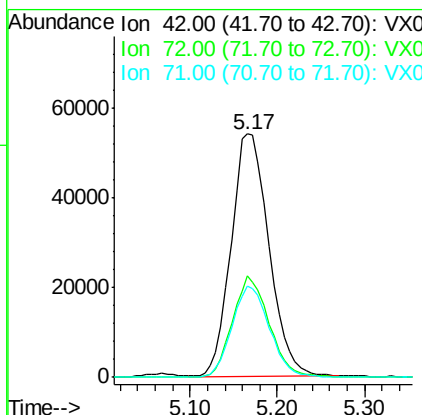
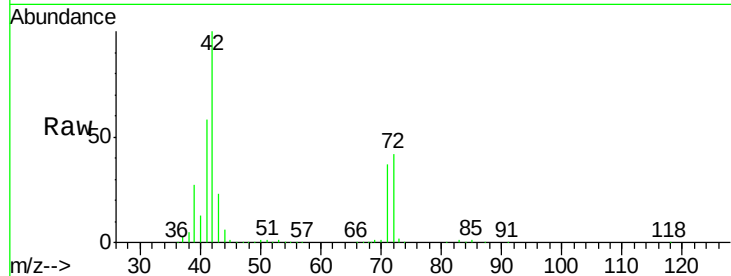




#29
Tetrahydrofuran
Concen: 97.97 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

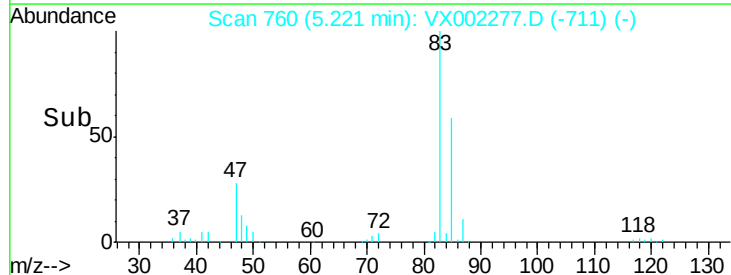
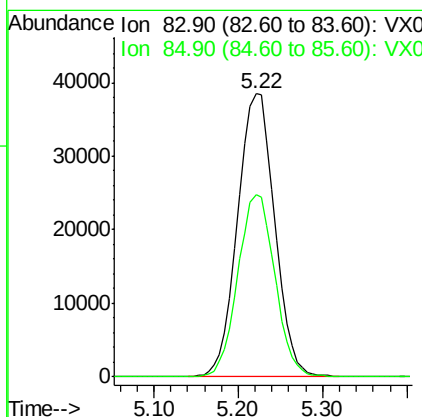
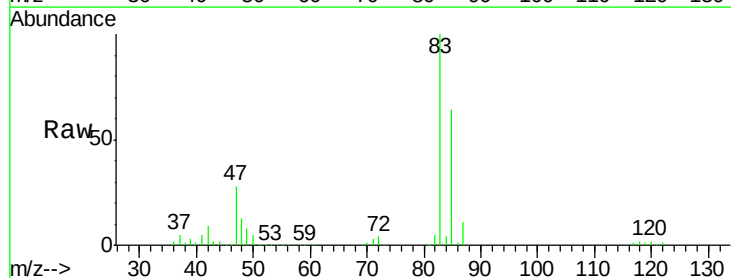
Instrument :
MSVOA_X
ClientSampleId :

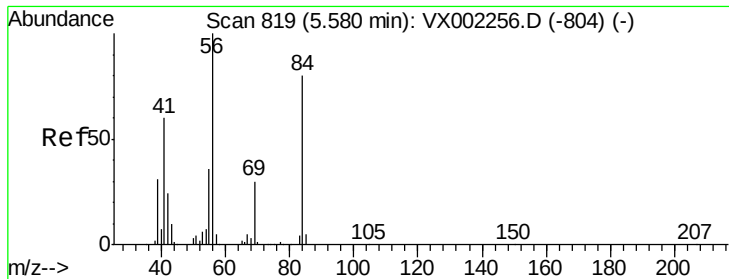
Tot Ion: 42 Resp: 162119
Ion Ratio Lower Upper
42 100
72 40.7 32.0 48.0
71 37.5 30.1 45.1



#30
Chloroform
Concen: 19.97 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 83 Resp: 115149
Ion Ratio Lower Upper
83 100
85 64.3 50.4 75.6





#31

Cyclohexane

Concen: 21.05 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

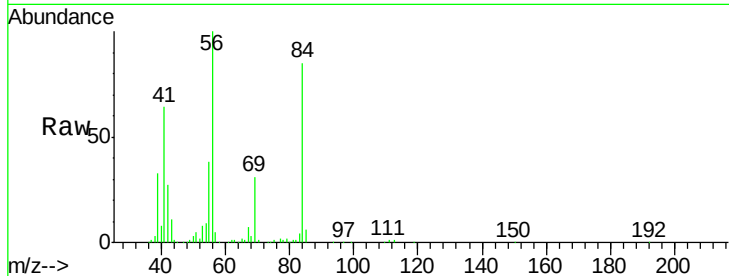
Tot Ion: 56 Resp: 99483

Ion Ratio Lower Upper

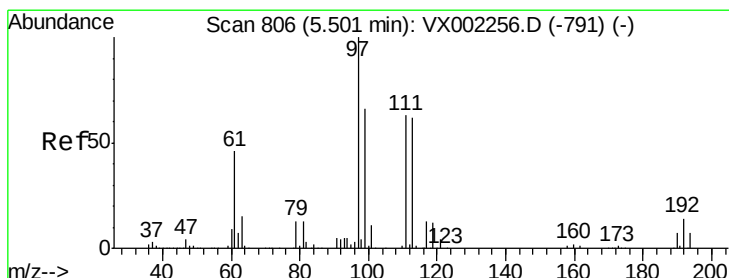
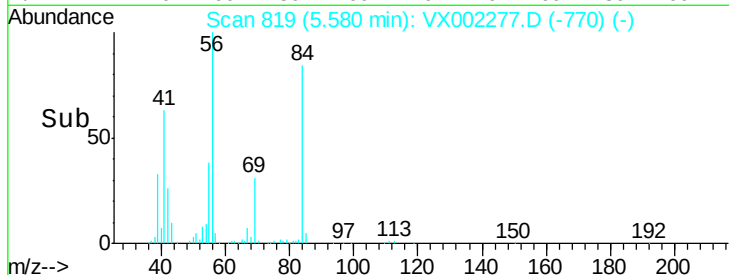
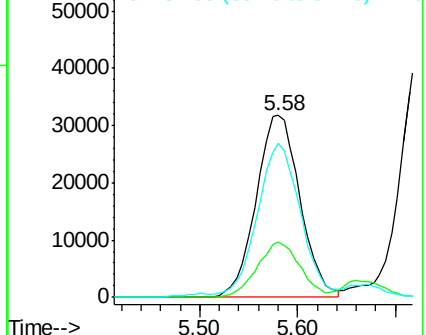
56 100

69 30.6 23.7 35.5

84 82.6 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: 20.19 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

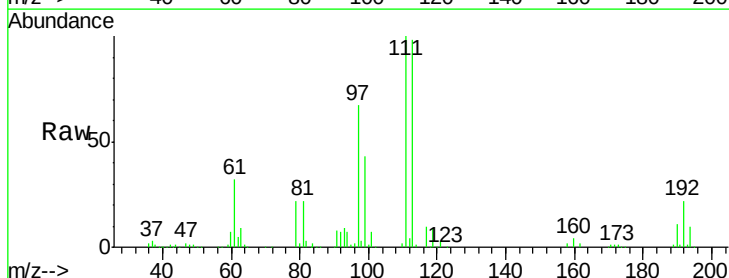
Tgt Ion: 97 Resp: 98740

Ion Ratio Lower Upper

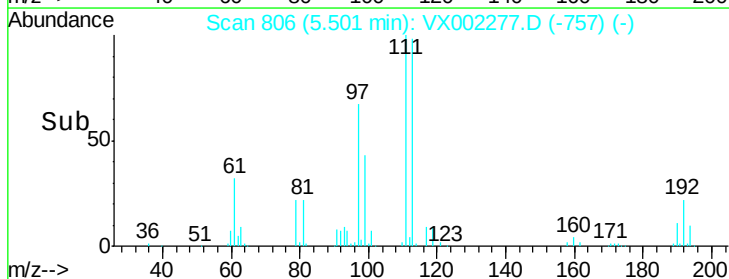
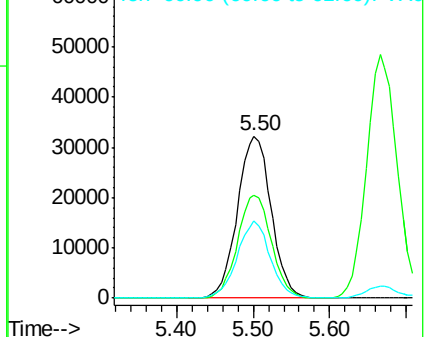
97 100

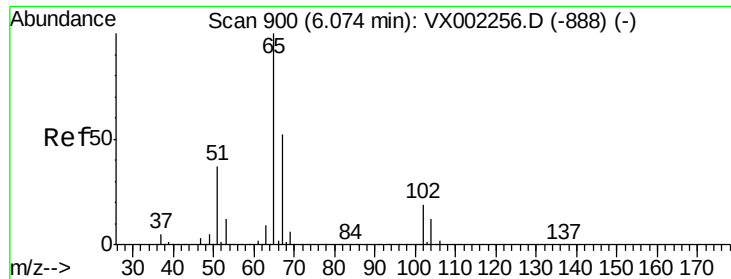
99 64.0 51.6 77.4

61 46.4 36.4 54.6



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

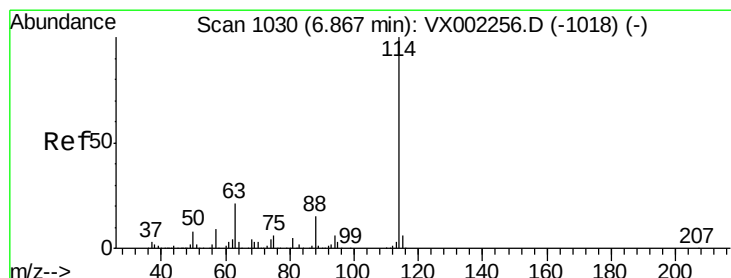
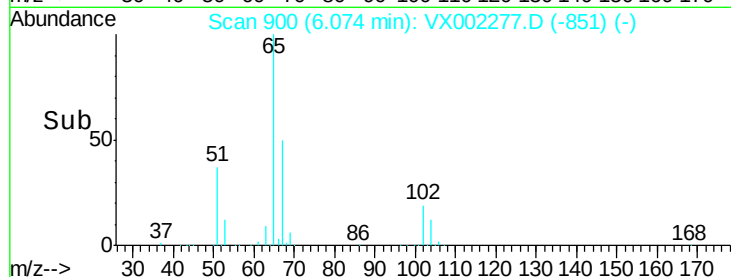
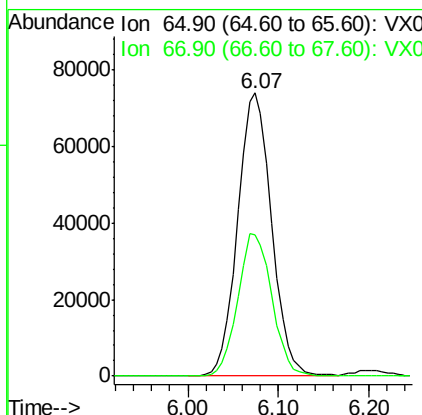
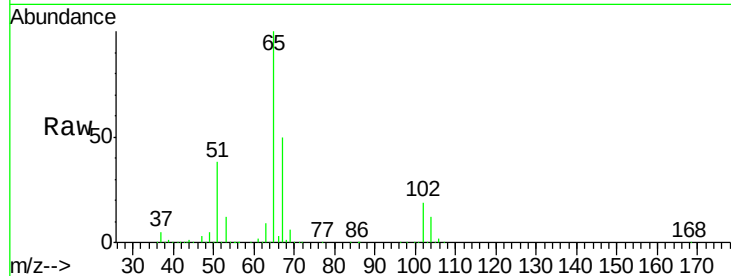




#33
 1,2-Dichloroethane-d4
 Concen: 51.32 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

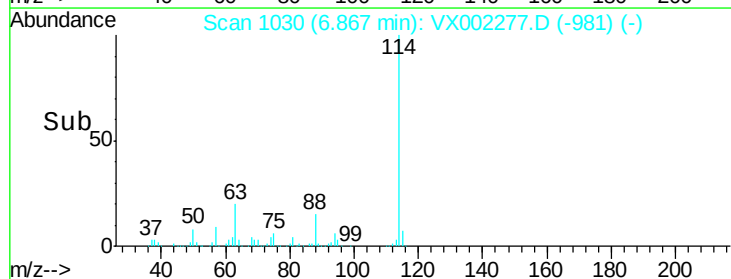
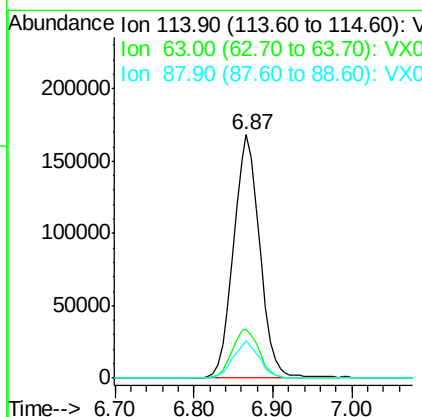
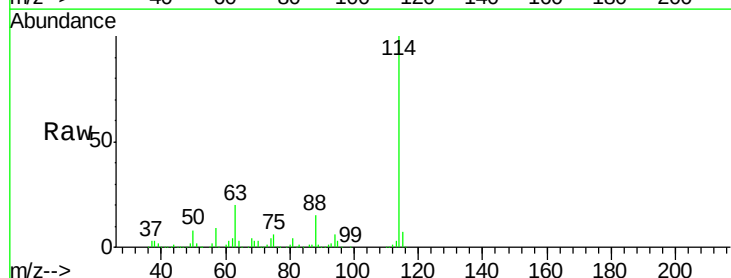
Instrument :
 MSVOA_X
 ClientSampleId :

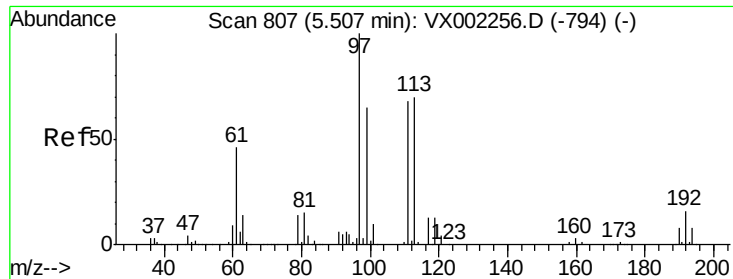
Tot Ion: 65 Resp: 191773
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Tgt Ion: 114 Resp: 389446
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.2 0.0 30.0

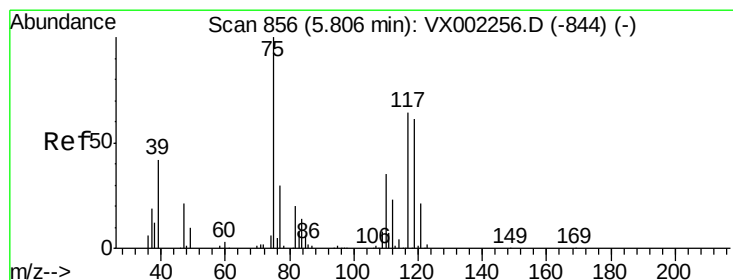
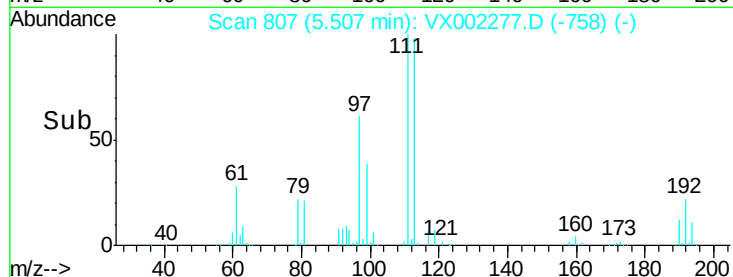
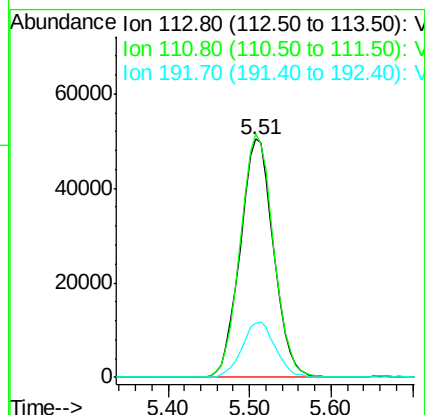
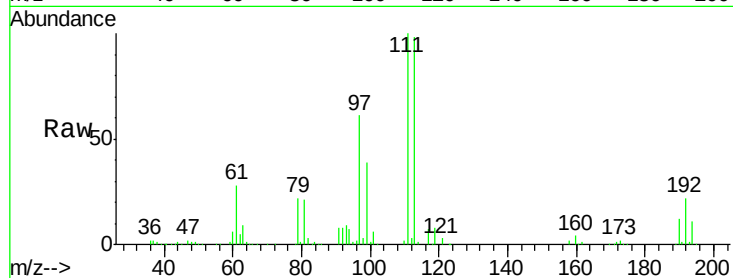




#35
 Dibromofluoromethane
 Concen: 46.68 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

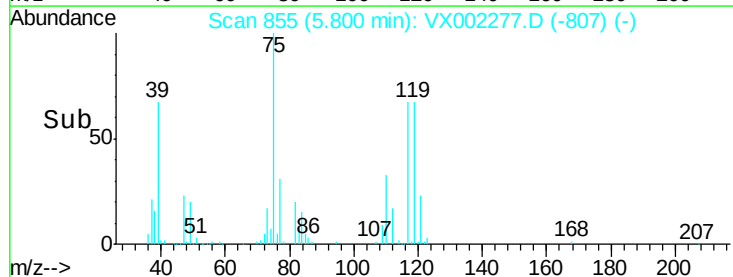
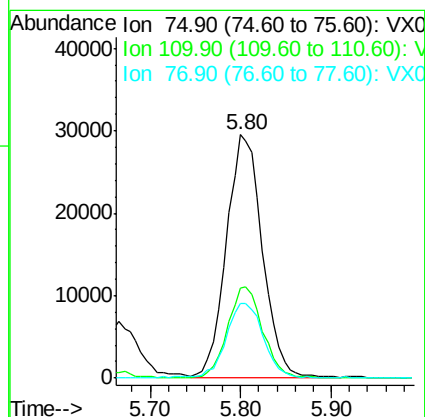
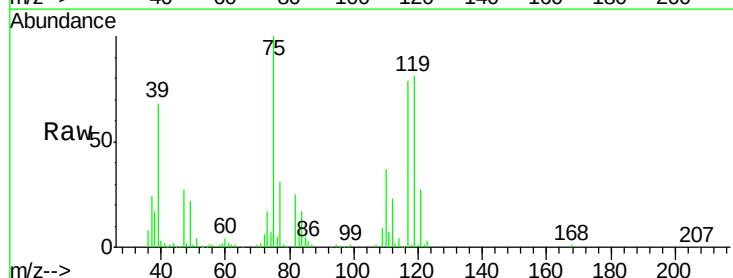
Instrument :
 MSVOA_X
 ClientSampleId :

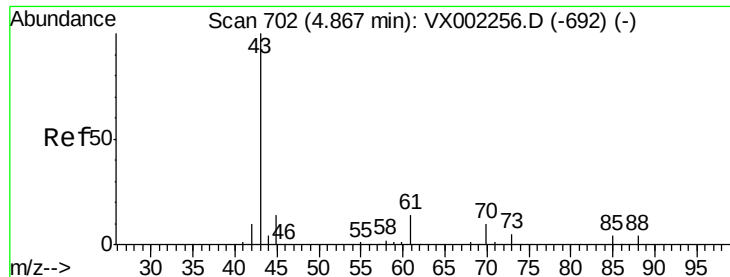
Tot Ion:113 Resp: 142954
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 23.2 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.64 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Tgt Ion: 75 Resp: 80415
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.4
 77 31.1 24.3 36.5

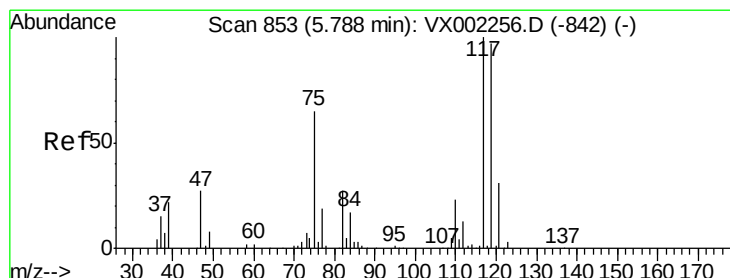
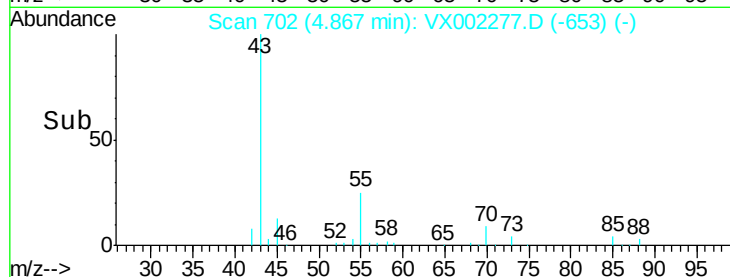
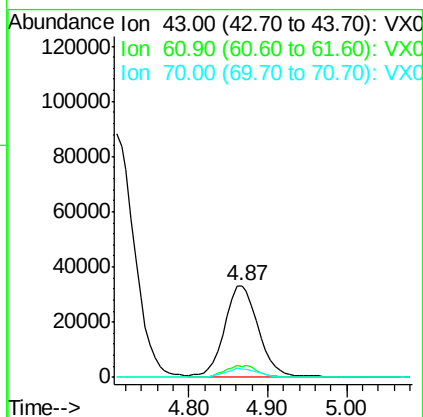
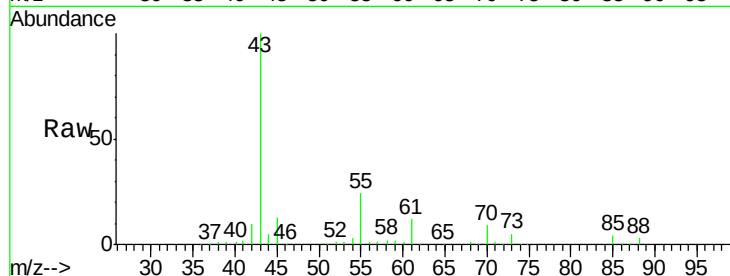




#37
Ethyl Acetate
Concen: 19.92 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

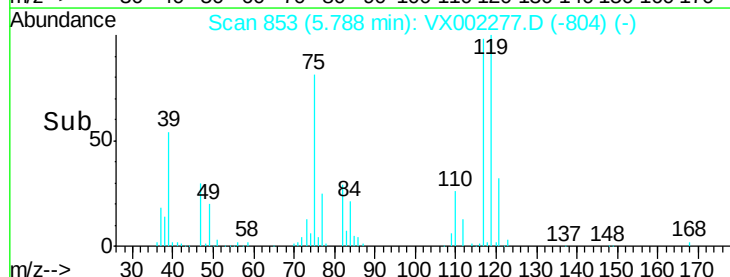
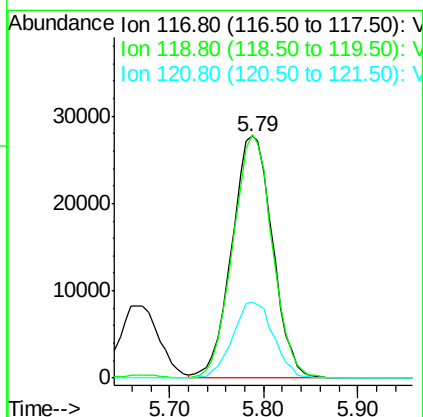
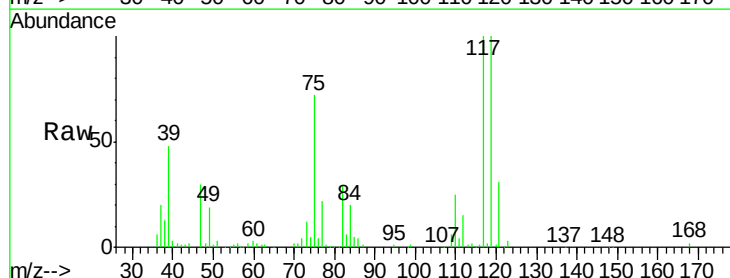
Instrument :
MSVOA_X
ClientSampled :

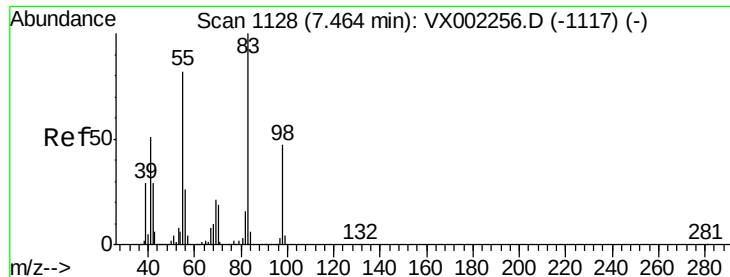
Tot Ion: 43 Resp: 98076
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 19.46 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 117 Resp: 83357
Ion Ratio Lower Upper
117 100
119 100.2 77.4 116.0
121 31.5 24.4 36.6

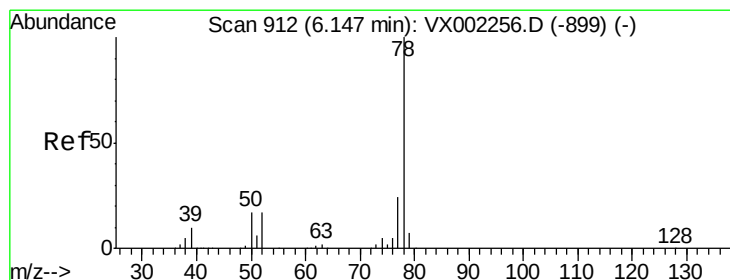
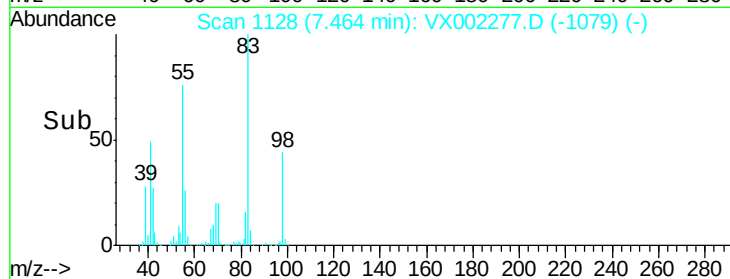
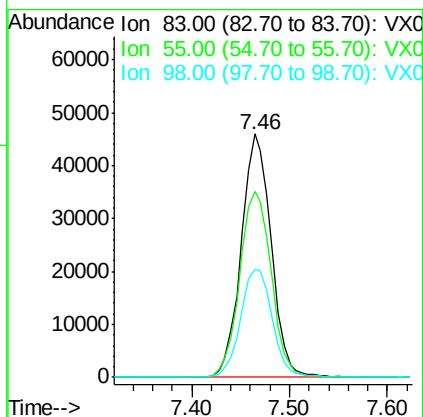
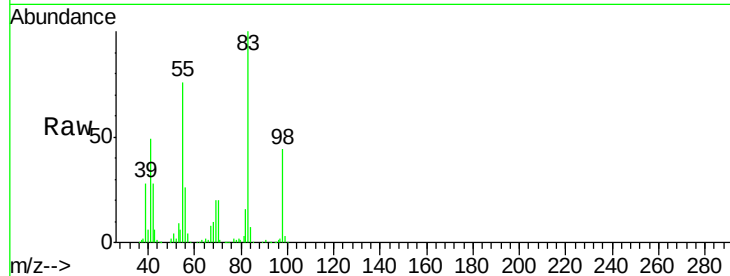




#39
Methylvlcyclohexane
Concen: 19.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

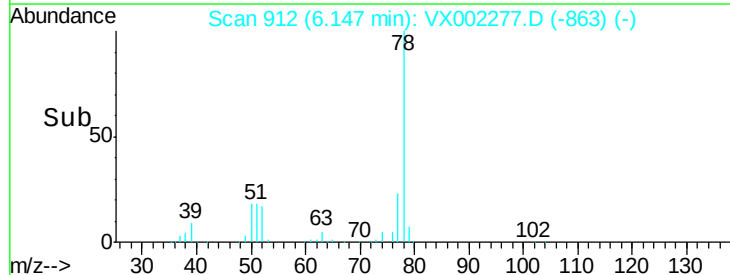
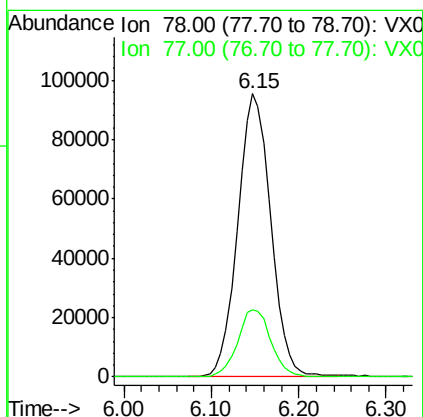
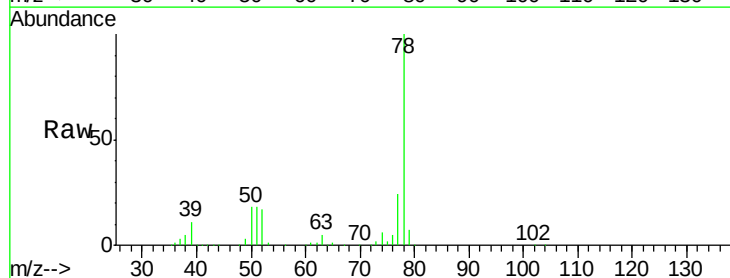
Instrument :
MSVOA_X
ClientSampled :

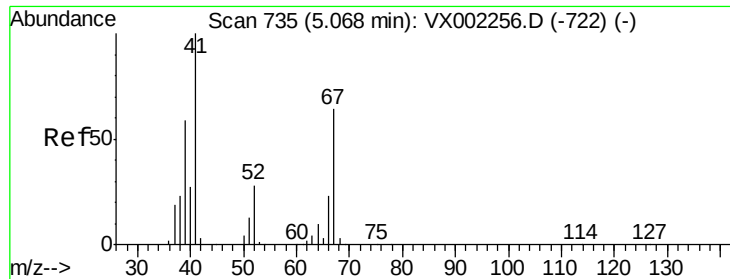
Tot Ion: 83 Resp: 97588
Ion Ratio Lower Upper
83 100
55 76.0 65.4 98.0
98 44.4 37.4 56.0



#40
Benzene
Concen: 19.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 78 Resp: 250789
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

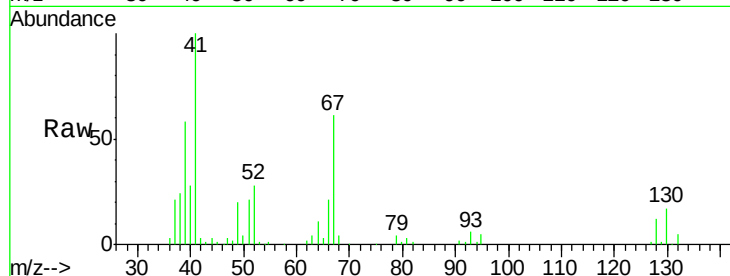




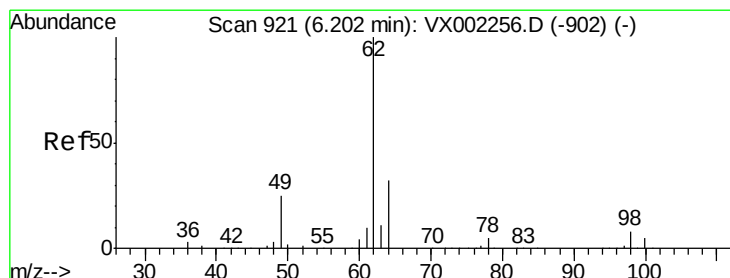
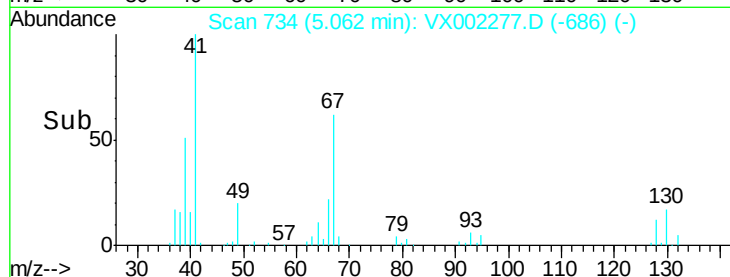
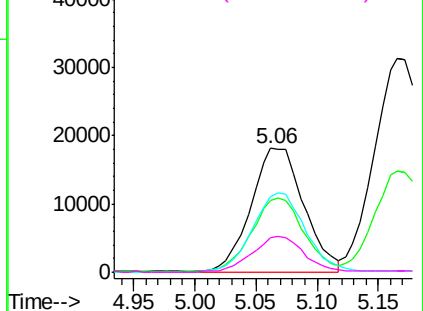
#41
Methacrylonitrile
Concen: 19.33 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	54487
Ion	Ratio	Lower	Upper
41	100		
39	58.7	45.8	68.6
67	64.8	51.3	76.9
52	27.7	23.0	34.6

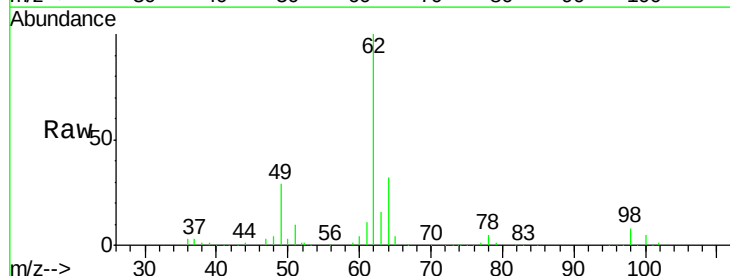


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

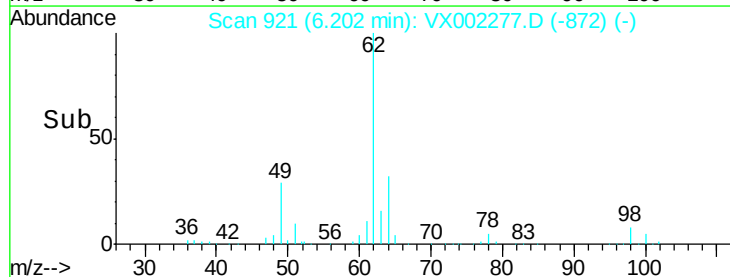
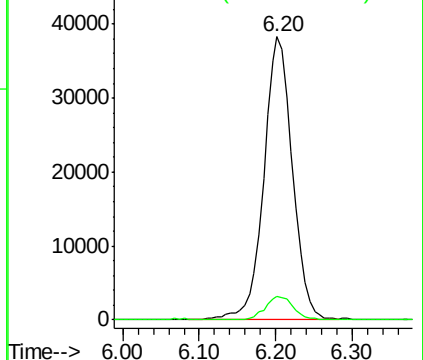


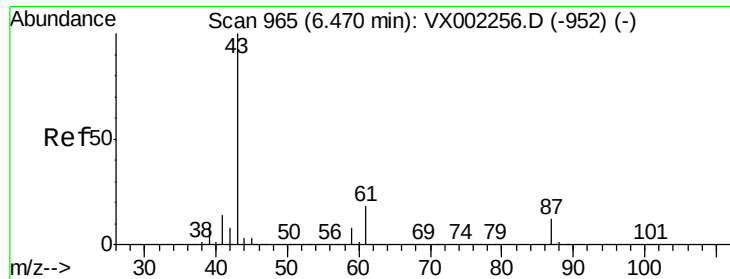
#42
1,2-Dichloroethane
Concen: 19.98 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion:	62	Resp:	99630
Ion	Ratio	Lower	Upper
62	100		
98	8.2	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: 19.23 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

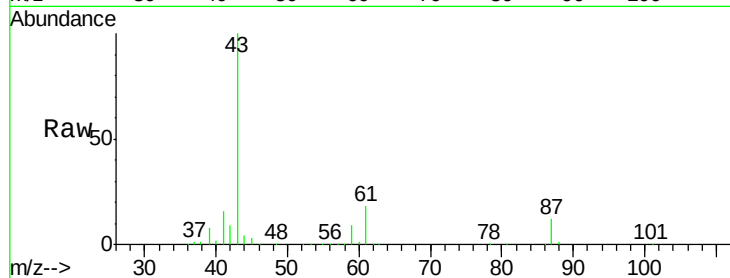
Tot Ion: 43 Resp: 160850

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

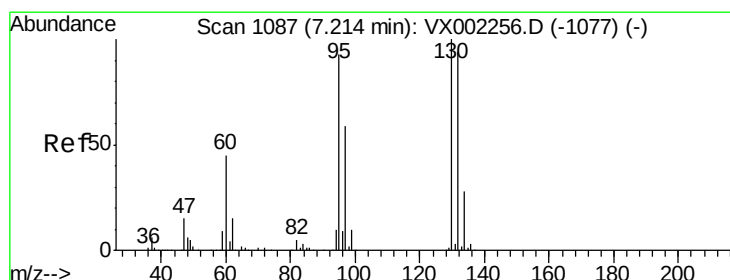
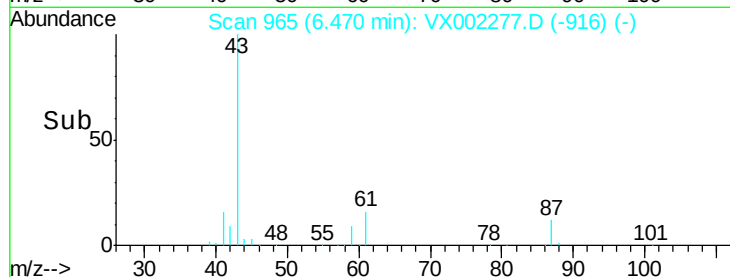
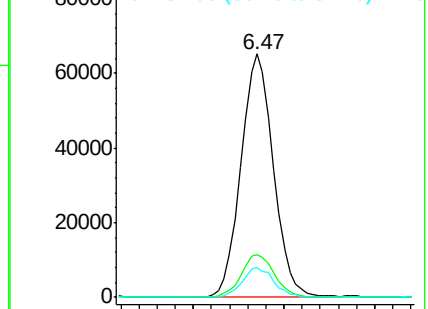
87 12.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.35 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002277.D

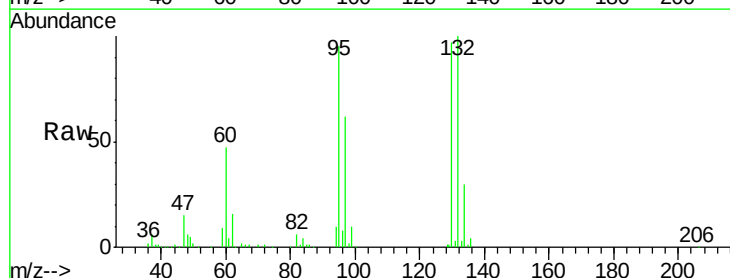
Acq: 04 Jun 2018 23:39

Tgt Ion:130 Resp: 70900

Ion Ratio Lower Upper

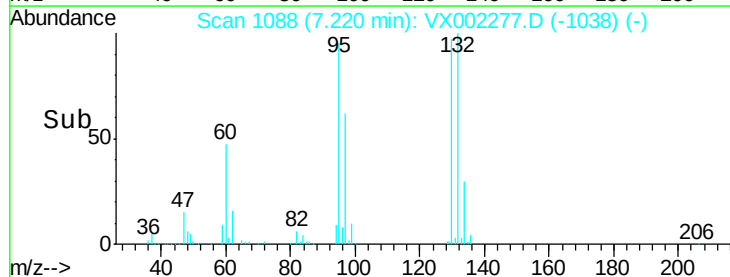
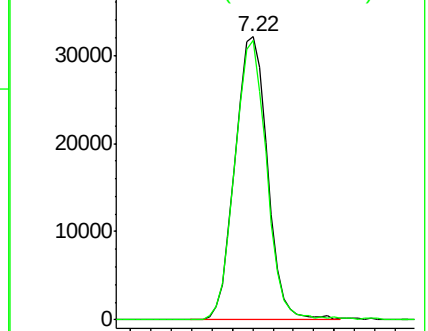
130 100

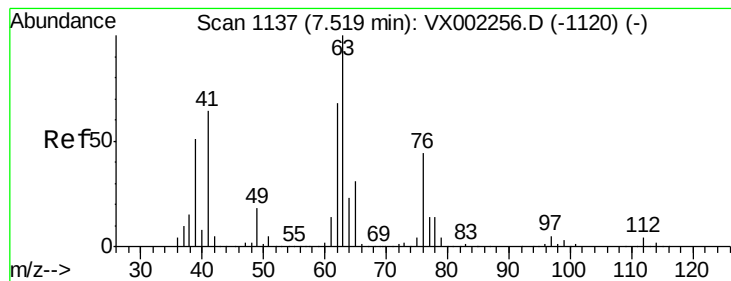
95 98.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.70 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

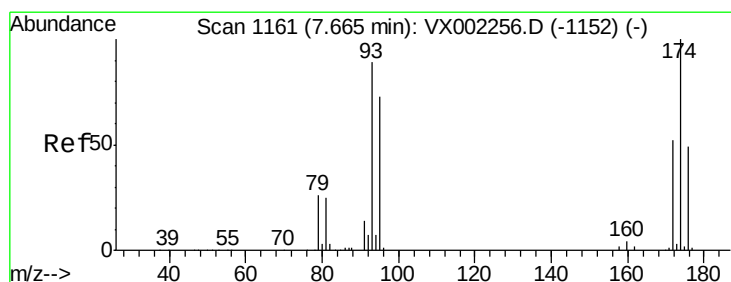
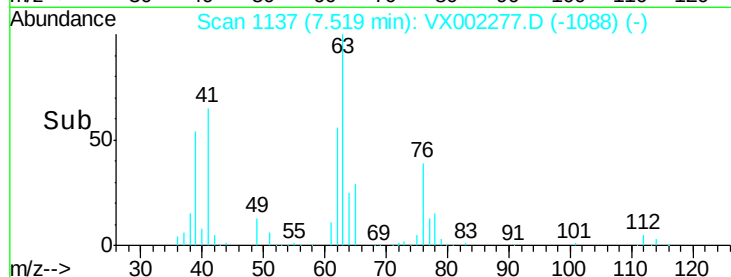
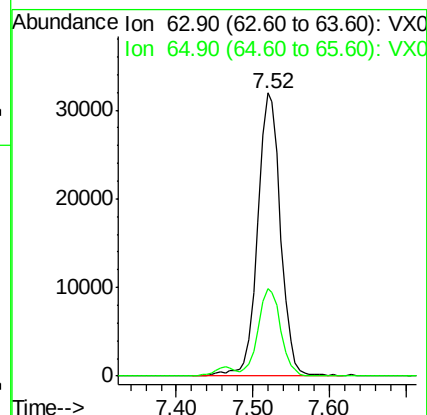
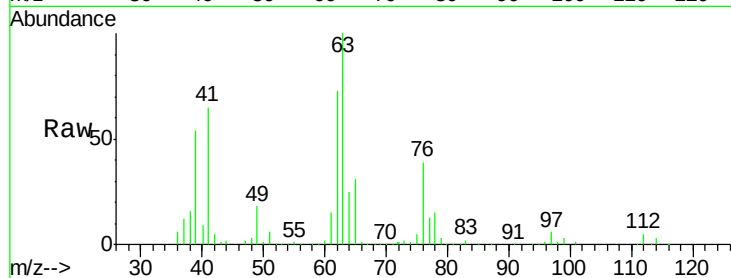
ClientSampled :

Tot Ion: 63 Resp: 66774

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 19.61 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

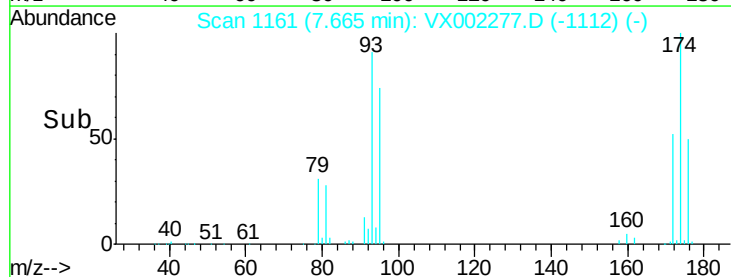
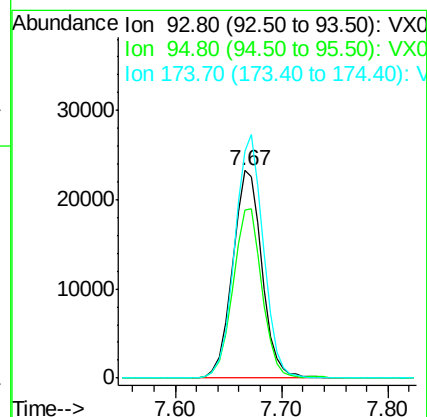
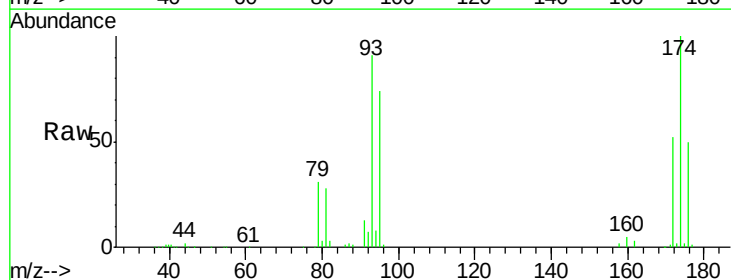
Tgt Ion: 93 Resp: 45041

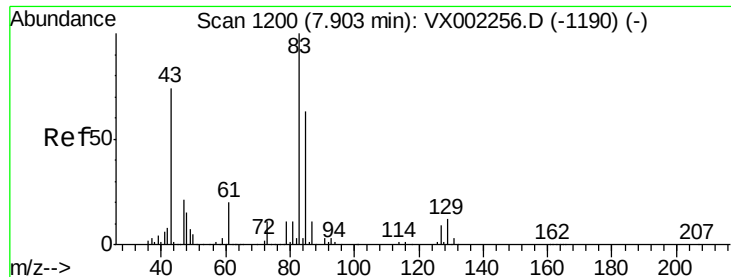
Ion Ratio Lower Upper

93 100

95 81.0 65.9 98.9

174 114.4 92.4 138.6





#47

Bromodichloromethane

Concen: 19.08 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

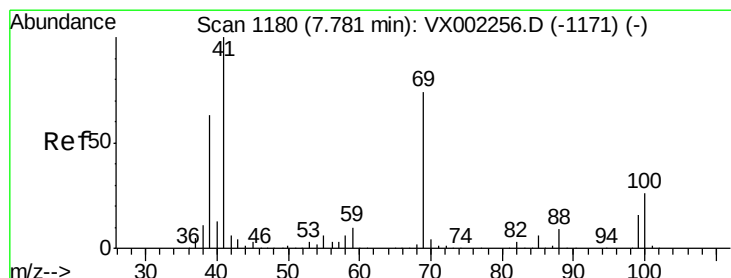
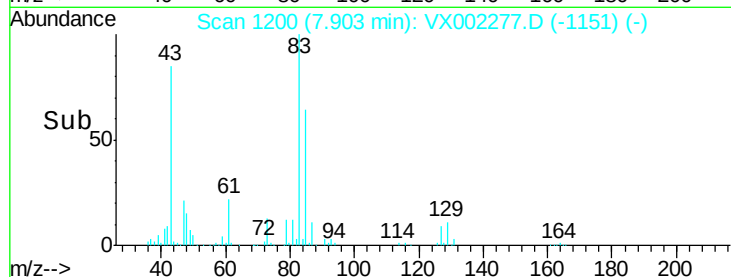
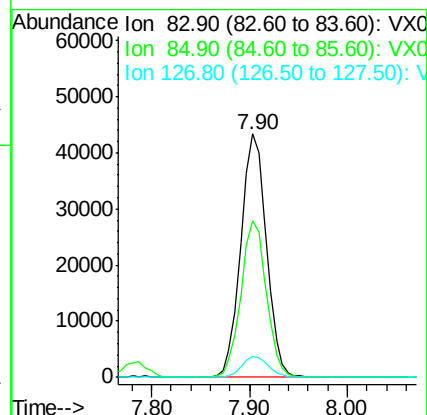
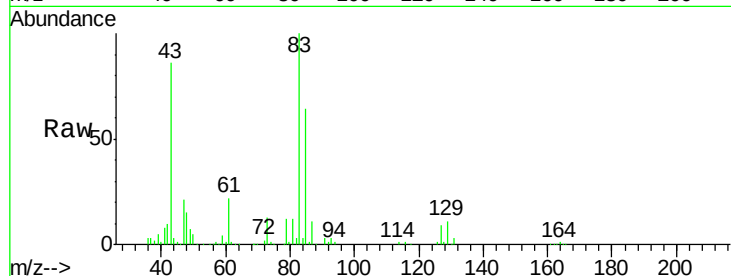
Tot Ion: 83 Resp: 79264

Ion Ratio Lower Upper

83 100

85 64.1 50.3 75.5

127 8.7 7.0 10.4



#48

Methyl methacrylate

Concen: 19.45 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

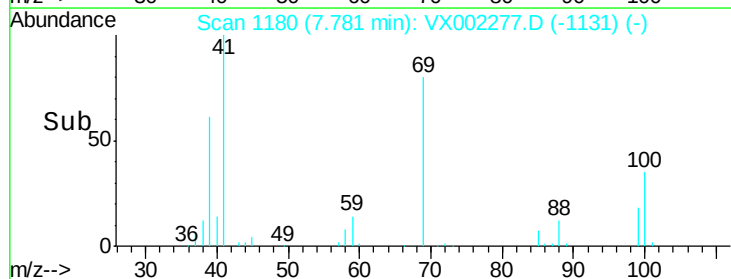
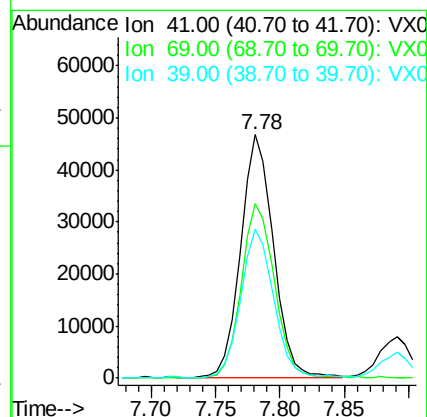
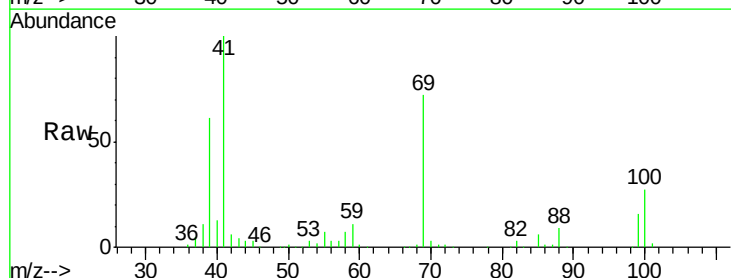
Tgt Ion: 41 Resp: 81721

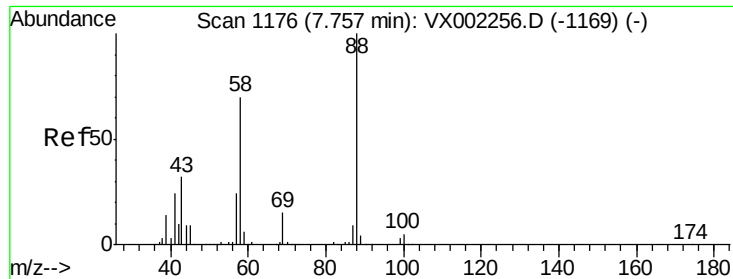
Ion Ratio Lower Upper

41 100

69 73.4 59.1 88.7

39 61.7 48.9 73.3

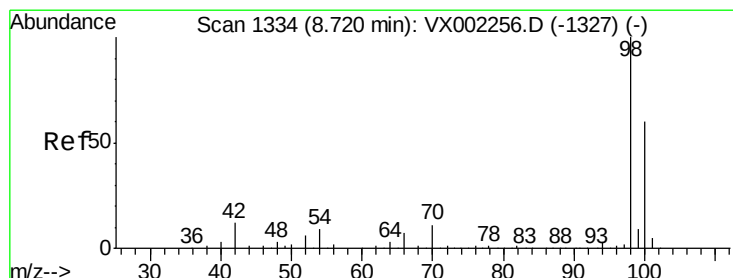
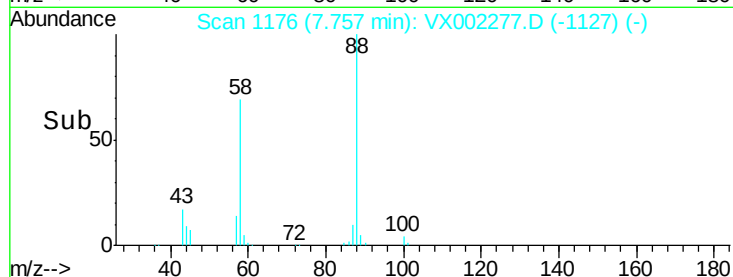
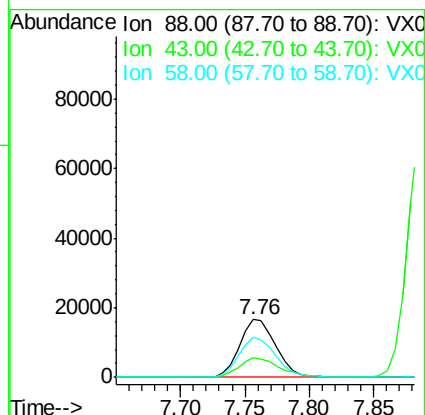
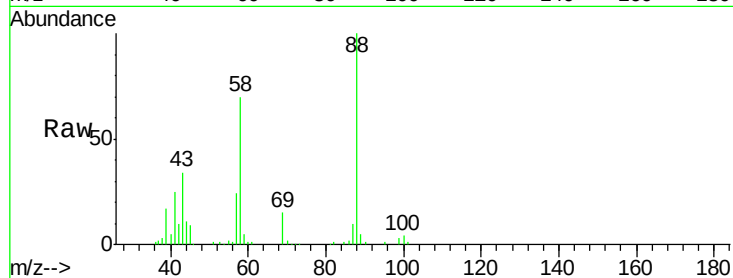




#49
1,4-Dioxane
Concen: 408.85 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

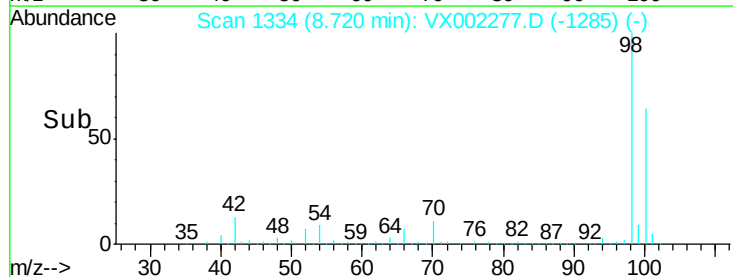
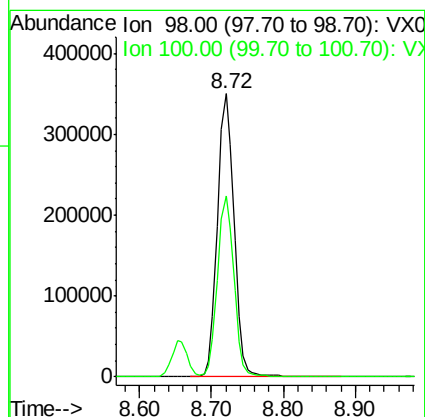
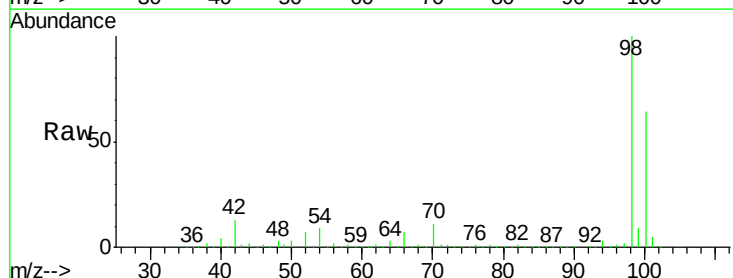
Instrument :
MSVOA_X
ClientSampleId :

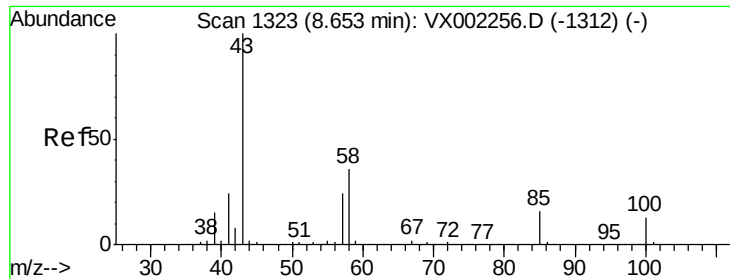
Tot Ion: 88 Resp: 32113
Ion Ratio Lower Upper
88 100
43 37.5 29.8 44.6
58 70.1 57.1 85.7



#50
Toluene-d8
Concen: 47.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 98 Resp: 559648
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 99.37 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

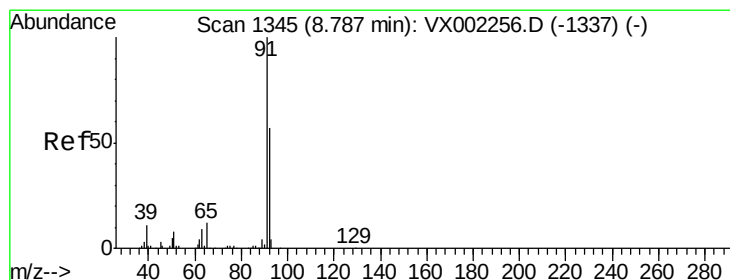
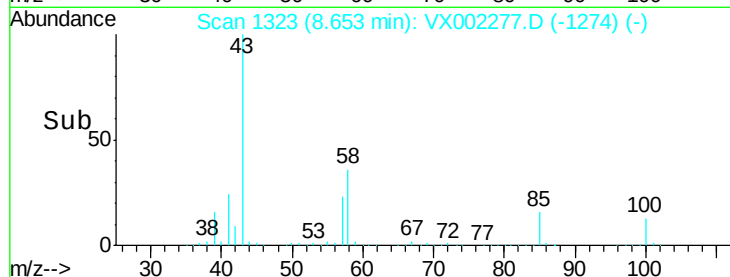
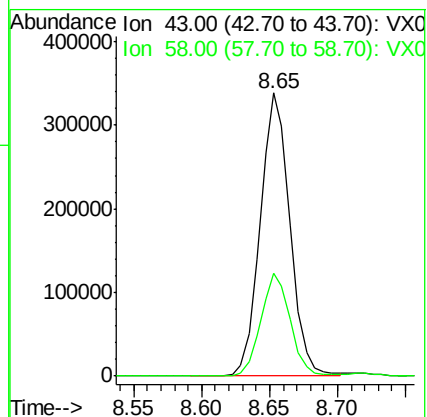
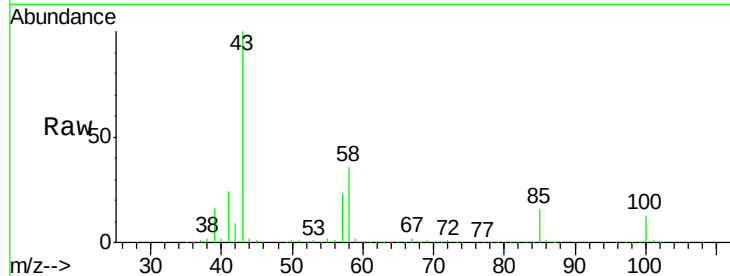
ClientSampleId :

Tot Ion: 43 Resp: 517509

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



#52

Toluene

Concen: 20.28 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002277.D

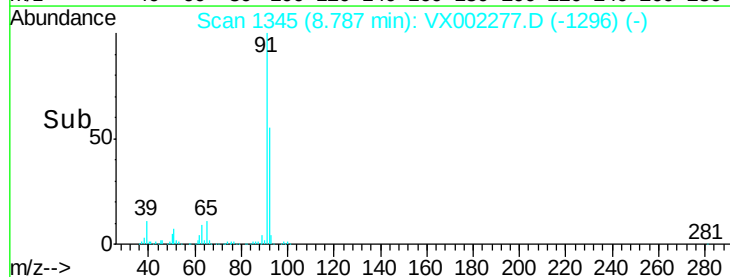
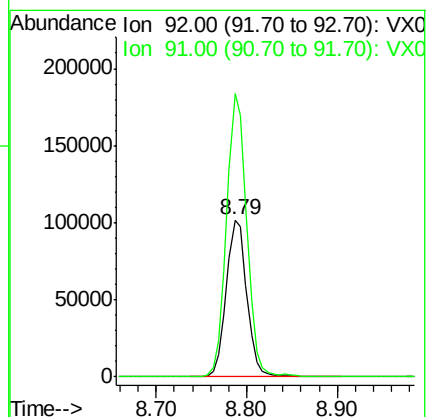
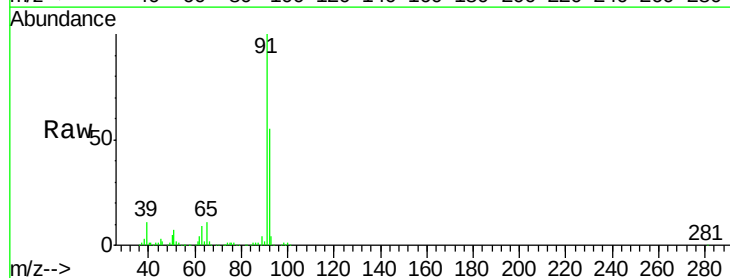
Acq: 04 Jun 2018 23:39

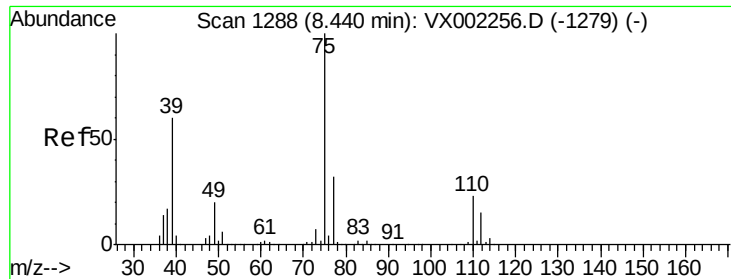
Tgt Ion: 92 Resp: 161892

Ion Ratio Lower Upper

92 100

91 177.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.66 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

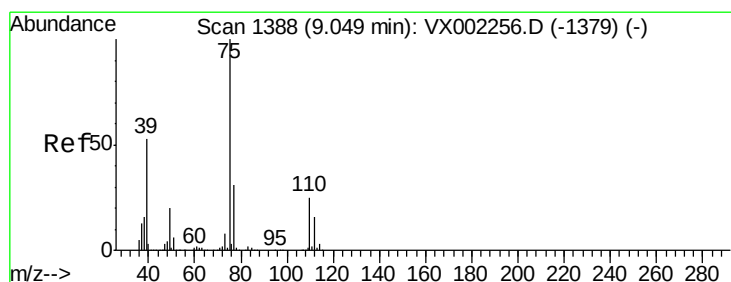
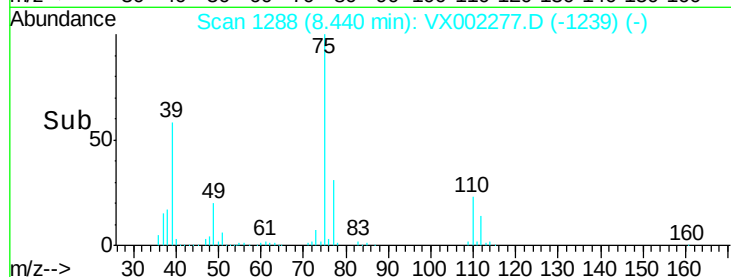
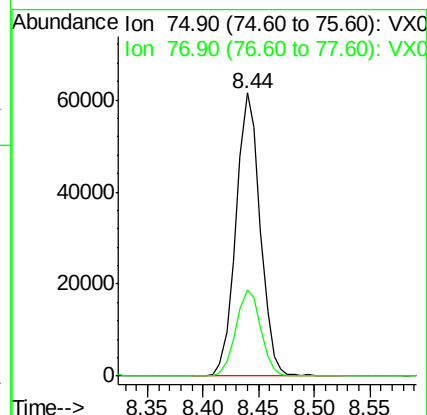
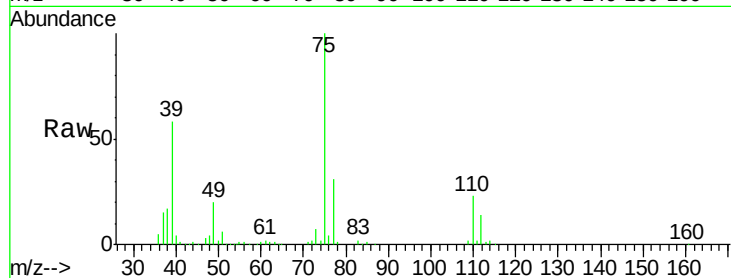
ClientSampleId :

Tot Ion: 75 Resp: 92976

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.84 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

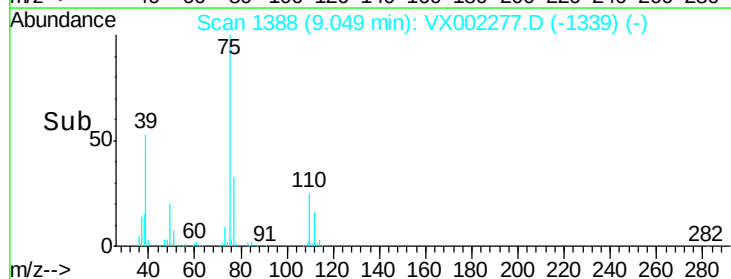
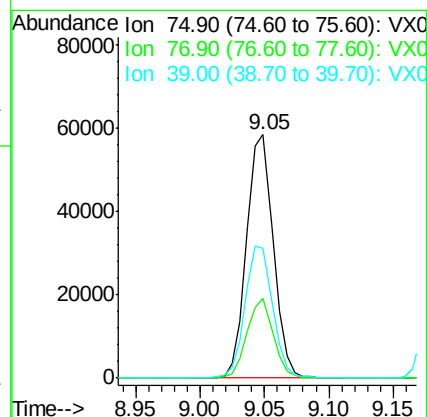
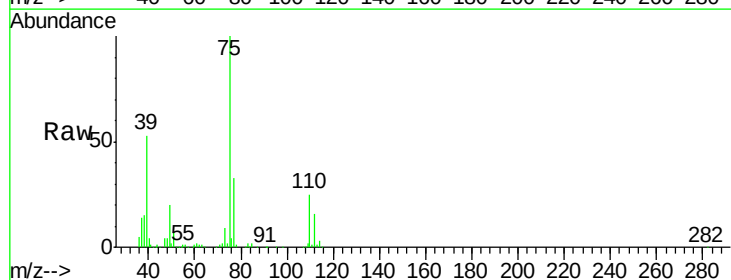
Tgt Ion: 75 Resp: 83857

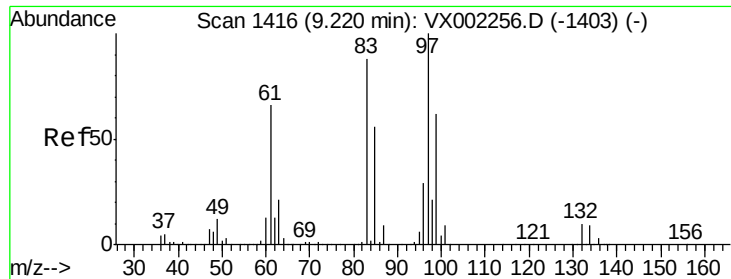
Ion Ratio Lower Upper

75 100

77 32.6 24.8 37.2

39 53.0 42.4 63.6

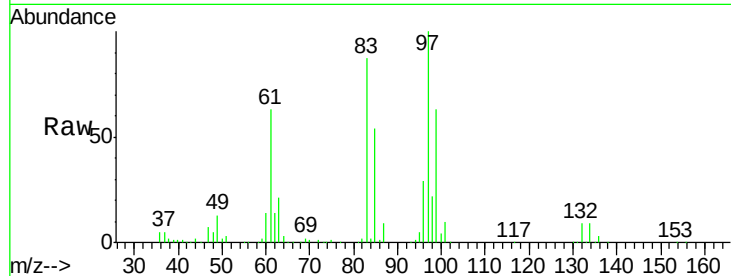




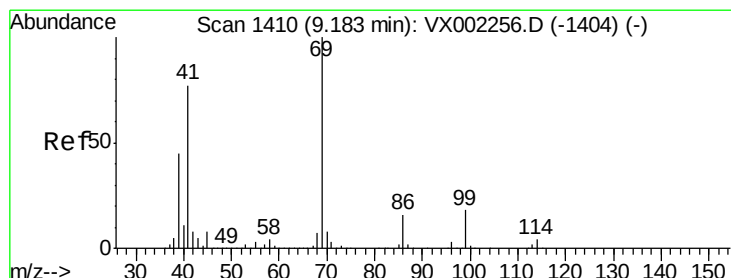
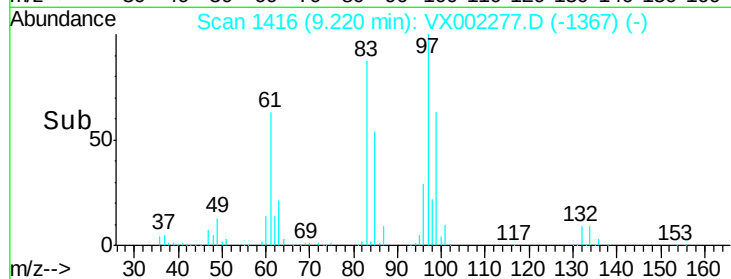
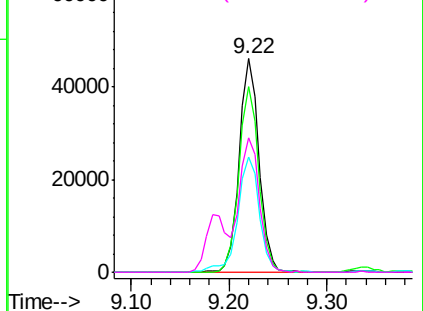
#55
 1,1,2-Trichloroethane
 Concen: 19.81 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 65045
 Ion Ratio Lower Upper
 97 100
 83 87.0 70.2 105.2
 85 54.0 44.9 67.3
 99 63.0 49.8 74.8

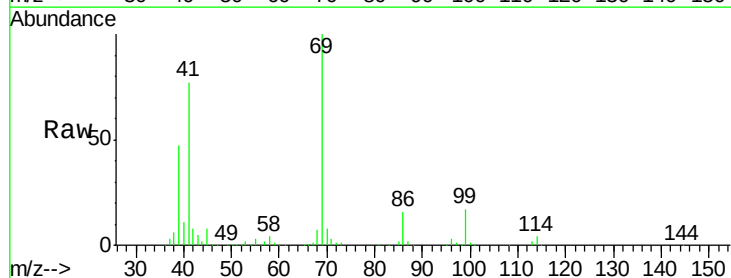


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

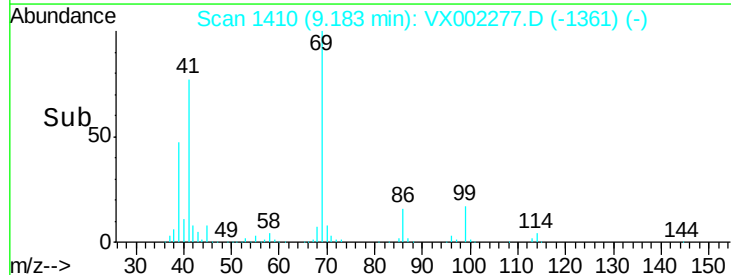
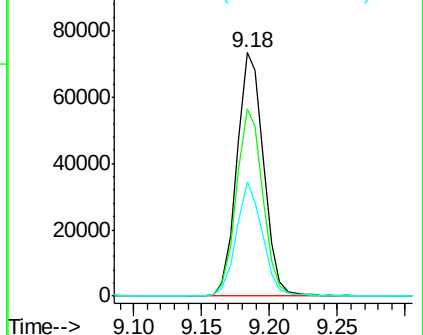


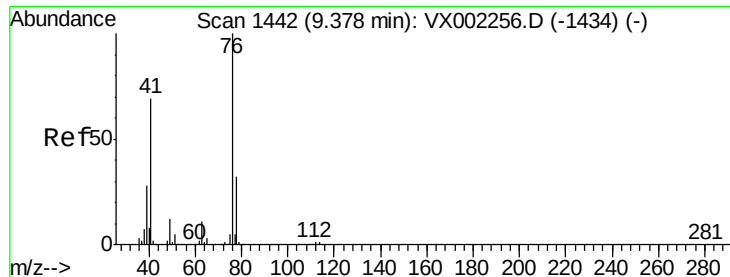
#56
 Ethyl methacrylate
 Concen: 19.15 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Tgt Ion: 69 Resp: 100403
 Ion Ratio Lower Upper
 69 100
 41 75.4 60.3 90.5
 39 45.3 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: 20.04 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

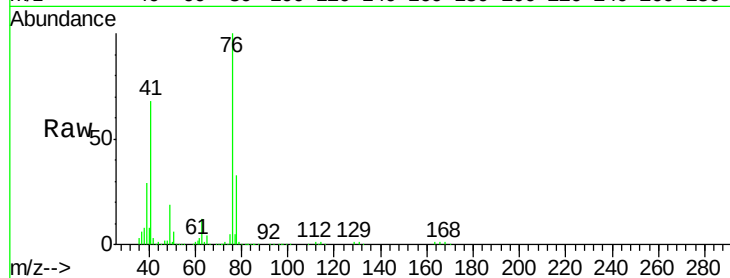
ClientSampled :

Tot Ion: 76 Resp: 110406

Ion Ratio Lower Upper

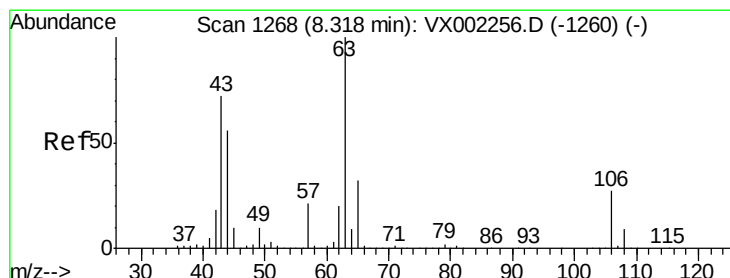
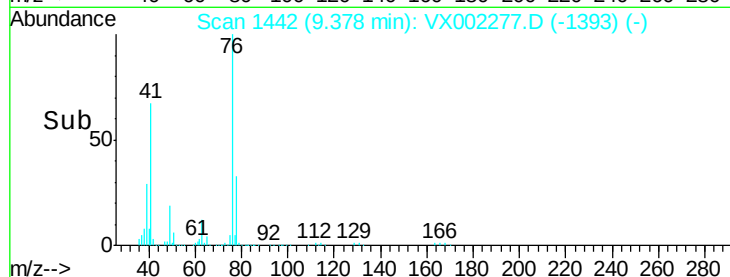
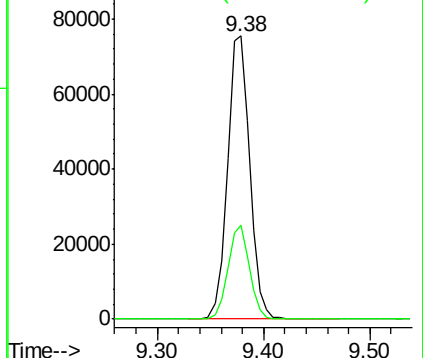
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.37 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002277.D

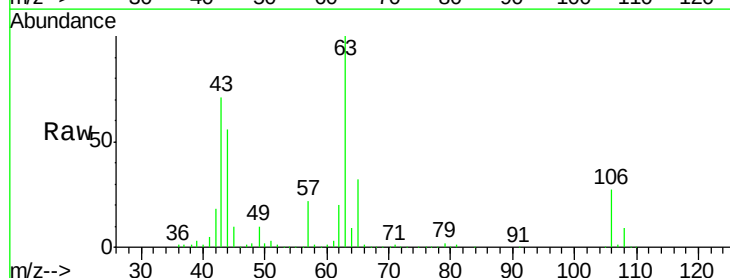
Acq: 04 Jun 2018 23:39

Tgt Ion: 63 Resp: 243559

Ion Ratio Lower Upper

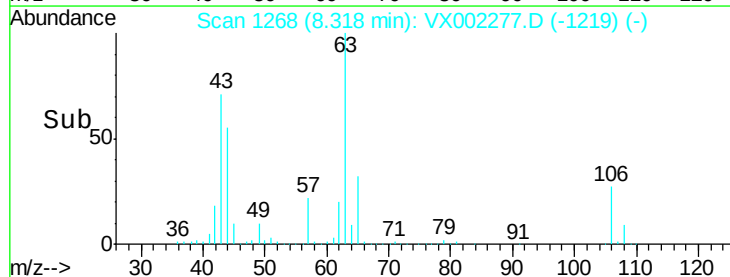
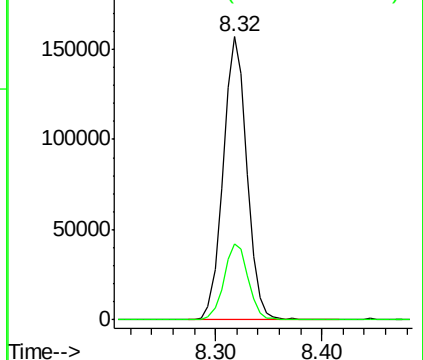
63 100

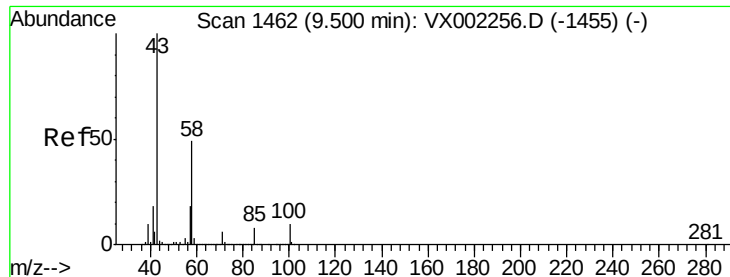
106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

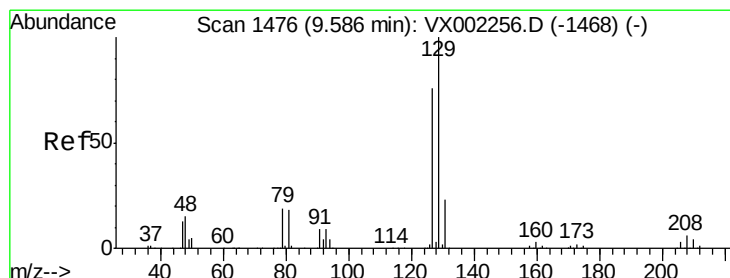
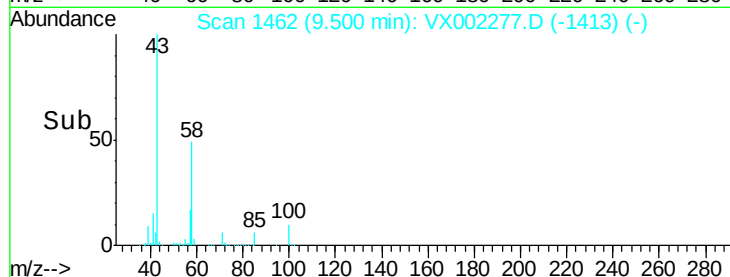
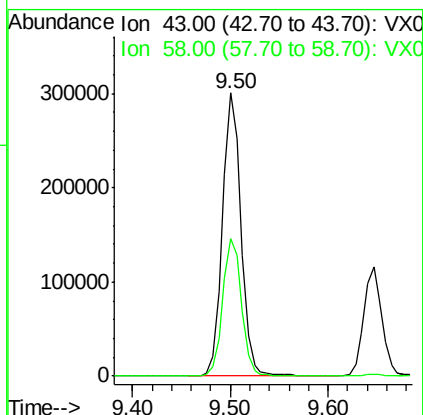
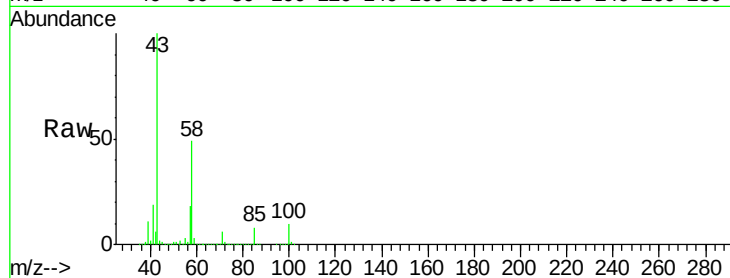




#59
2-Hexanone
Concen: 98.29 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

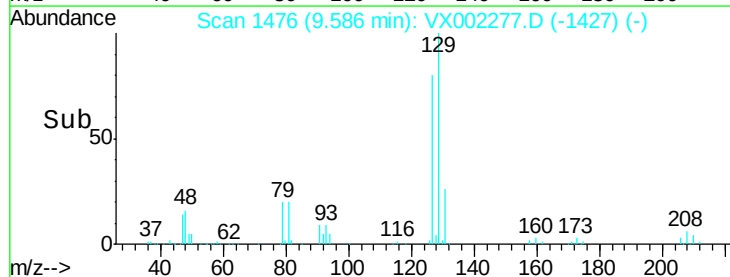
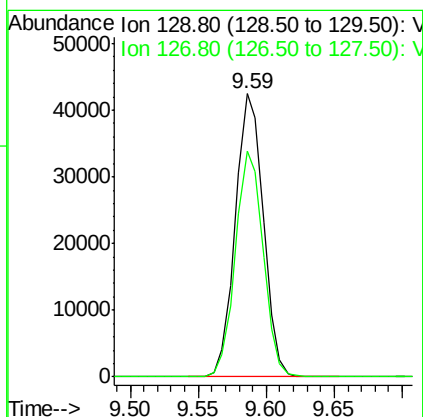
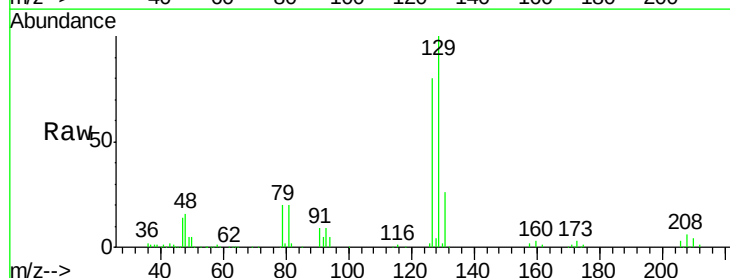
Instrument :
MSVOA_X
ClientSampleId :

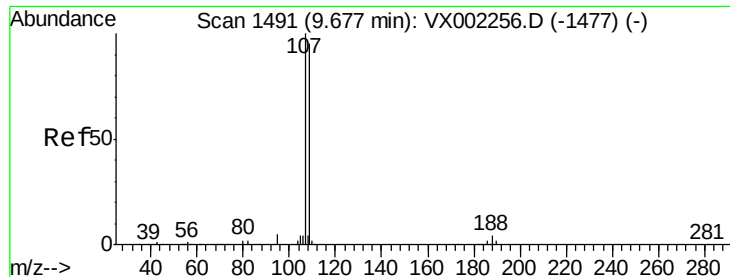
Tot Ion: 43 Resp: 395383
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 18.43 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 129 Resp: 60873
Ion Ratio Lower Upper
129 100
127 79.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.00 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

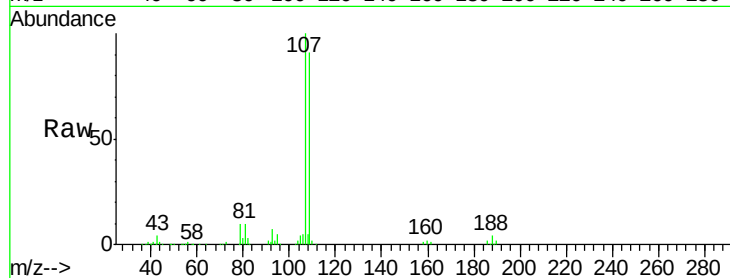
ClientSampled :

Tot Ion:107 Resp: 68466

Ion Ratio Lower Upper

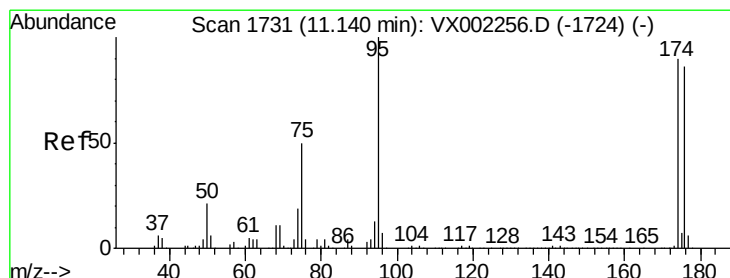
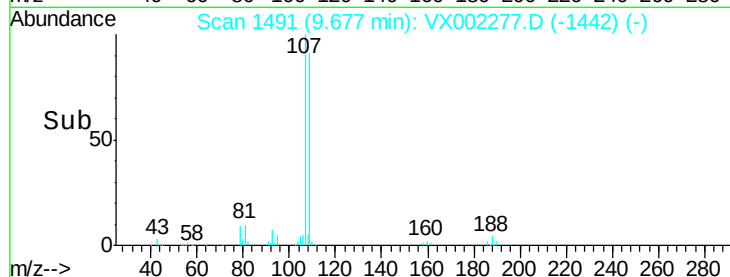
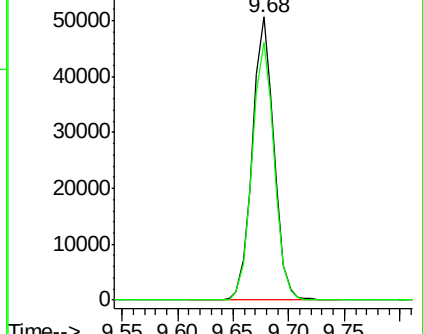
107 100

109 93.1 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: 45.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

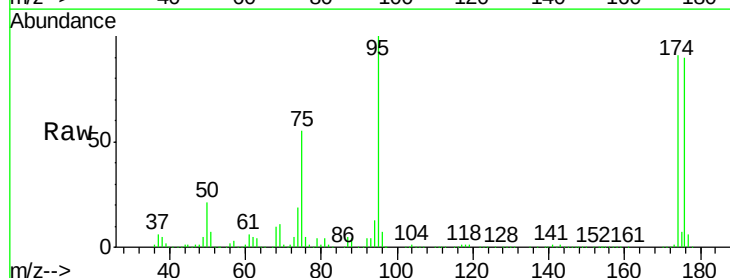
Tgt Ion: 95 Resp: 204973

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

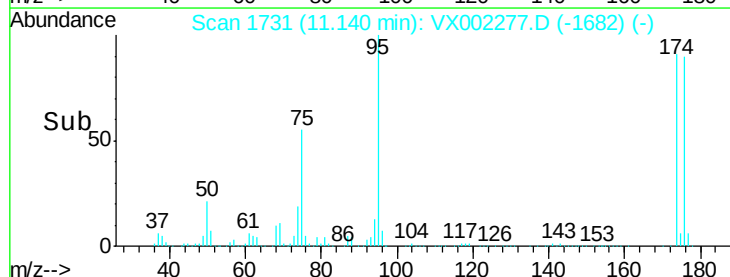
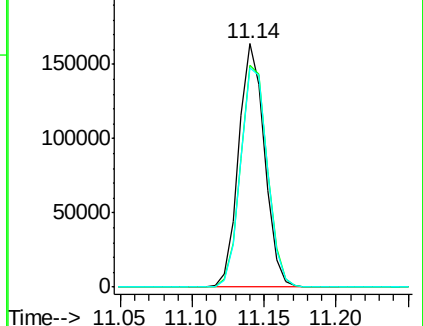
176 93.1 0.0 181.0

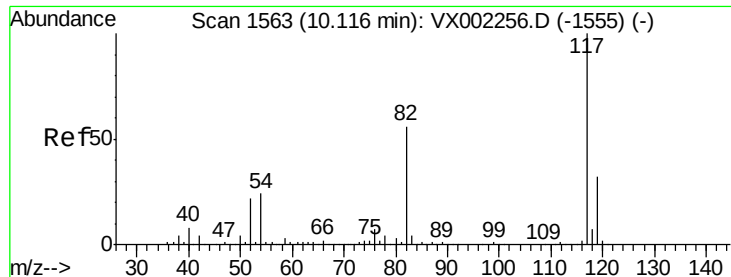


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

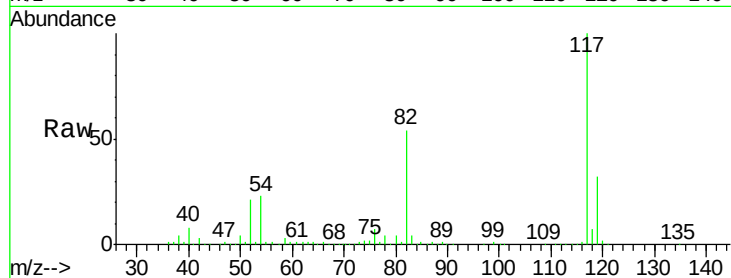
Tot Ion:117 Resp: 373893

Ion Ratio Lower Upper

117 100

82 54.0 45.0 67.4

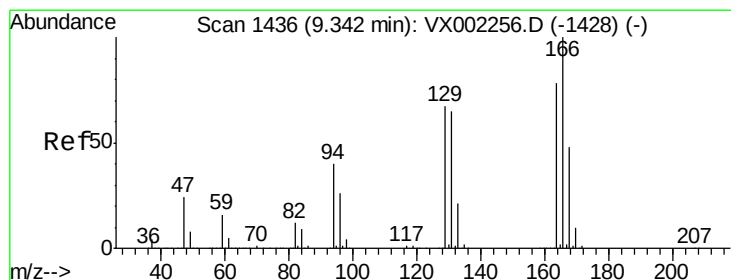
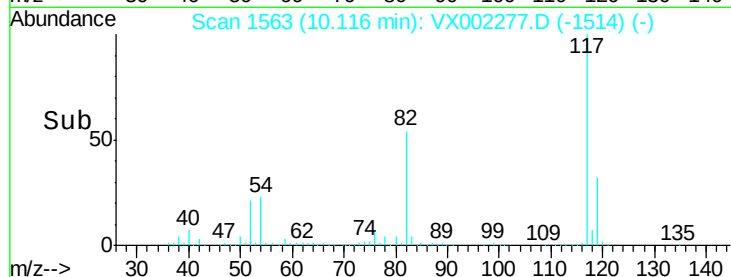
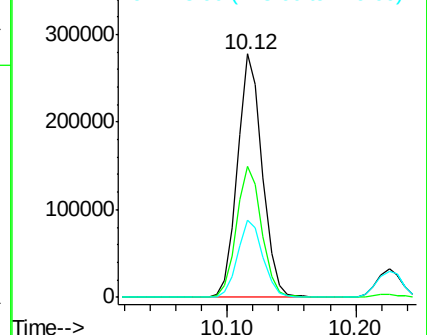
119 31.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.79 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Tgt Ion:164 Resp: 80181

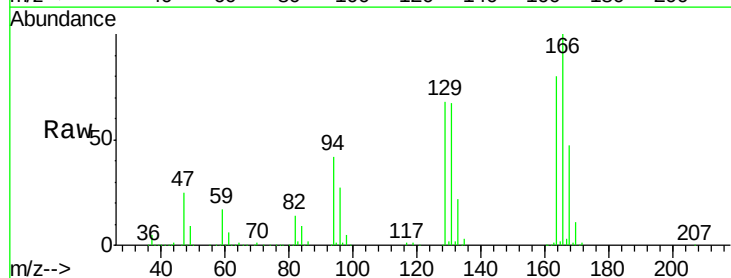
Ion Ratio Lower Upper

164 100

166 125.0 102.9 154.3

129 85.0 68.6 102.8

131 83.9 66.8 100.2

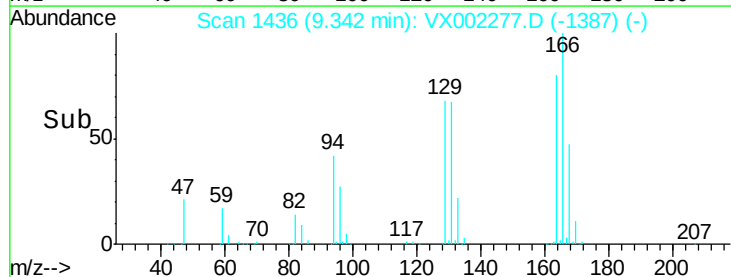
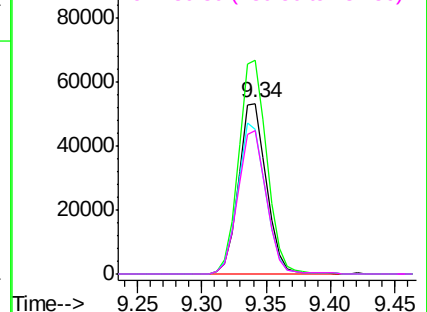


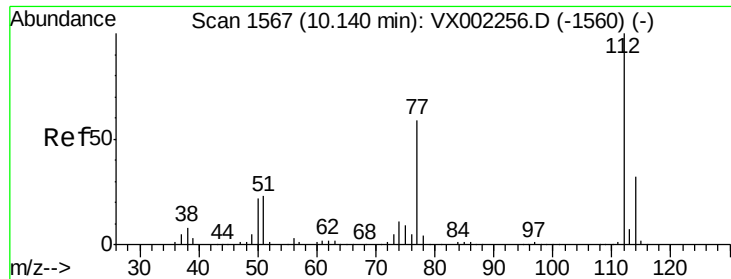
Abundance Ion 163.80 (163.50 to 164.50): V

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

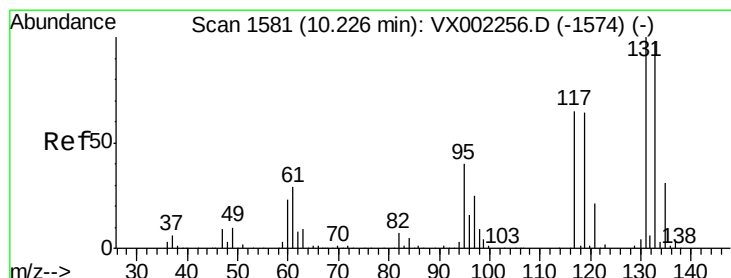
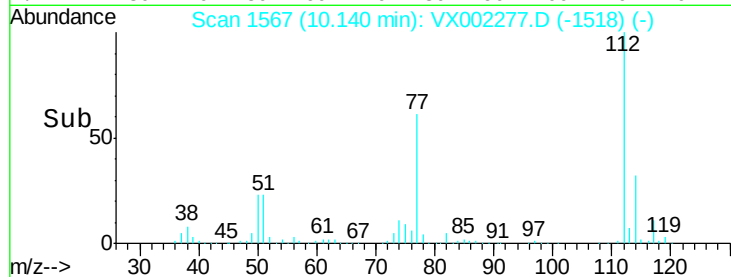
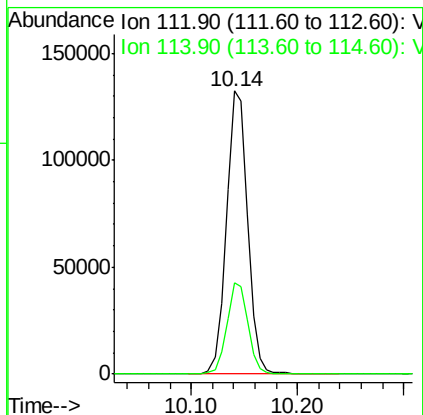
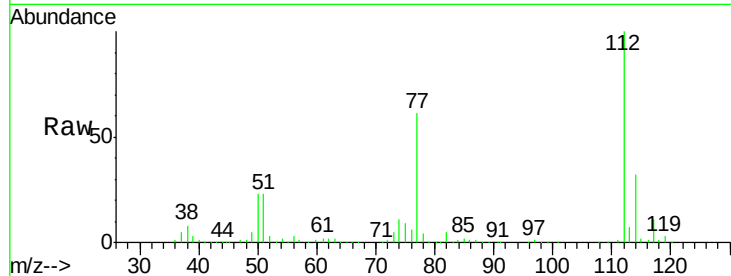




#65
Chlorobenzene
Concen: 19.88 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

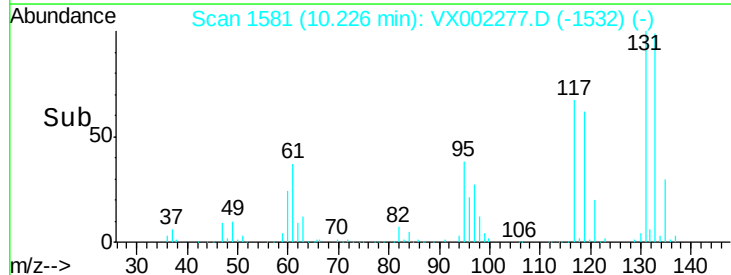
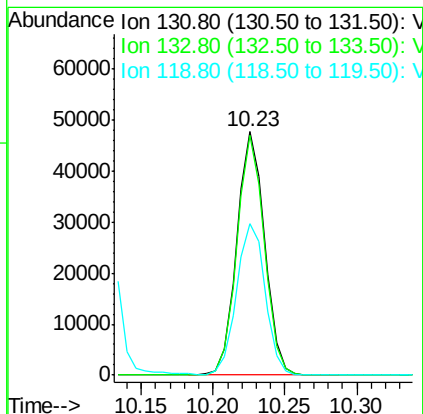
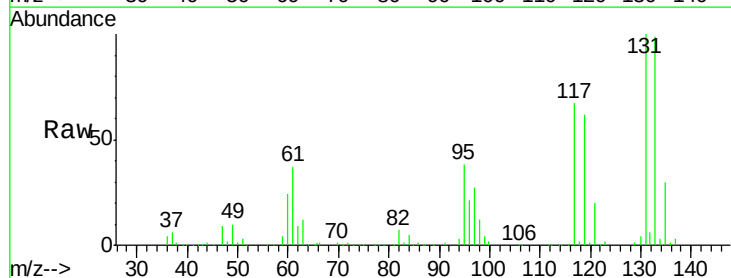
Instrument :
MSVOA_X
ClientSampled :

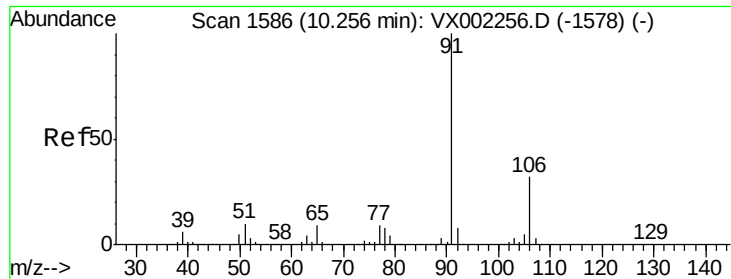
Tot Ion:112 Resp: 184918
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.06 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion:131 Resp: 64211
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.6
119 64.4 31.8 95.3

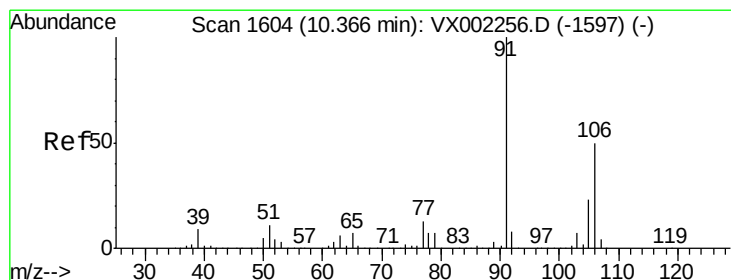
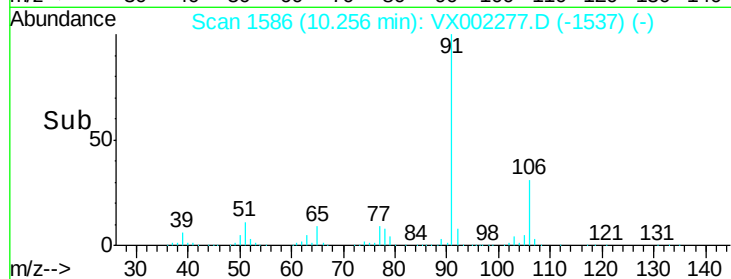
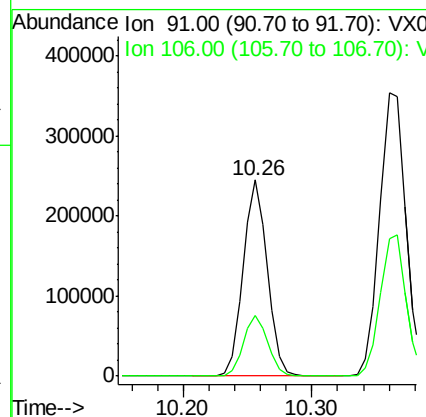
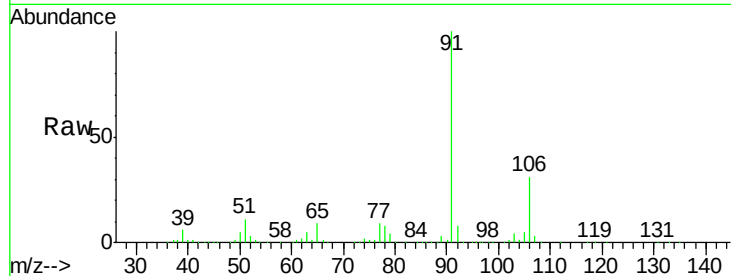




#67
Ethyl Benzene
Concen: 20.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

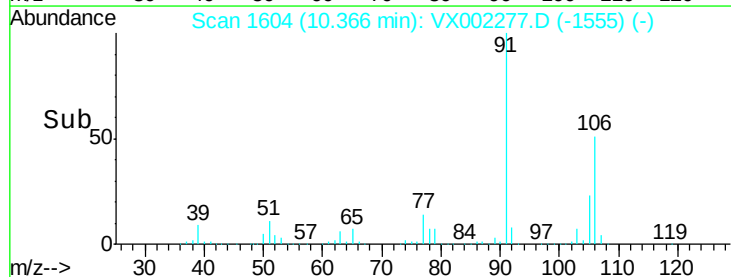
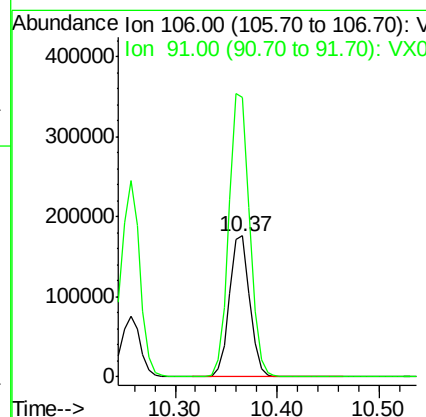
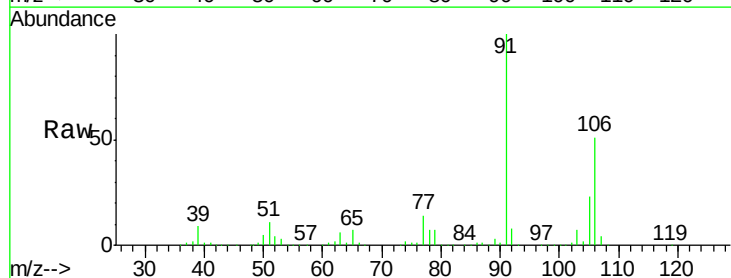
Instrument :
MSVOA_X
ClientSampleId :

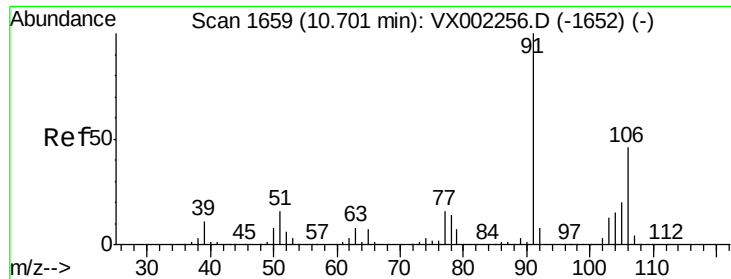
Tot Ion: 91 Resp: 316970
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3



#68
m/p-Xylenes
Concen: 40.36 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 106 Resp: 244263
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

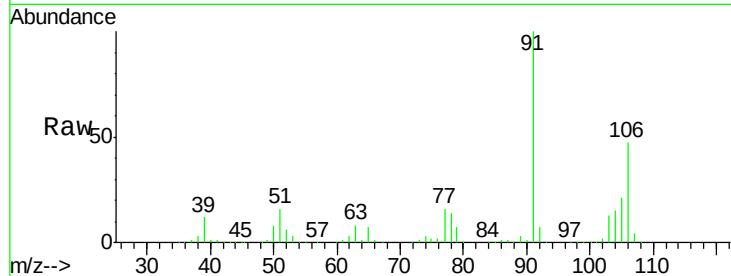




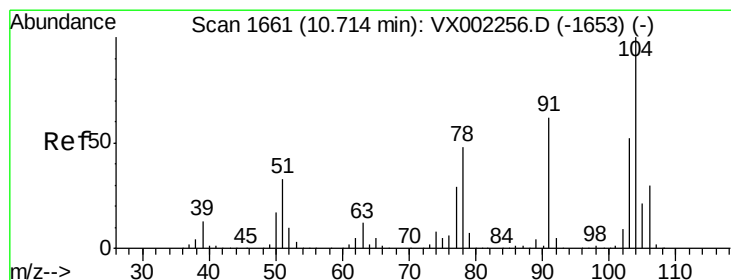
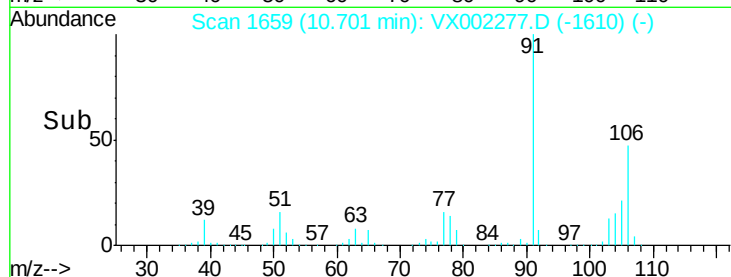
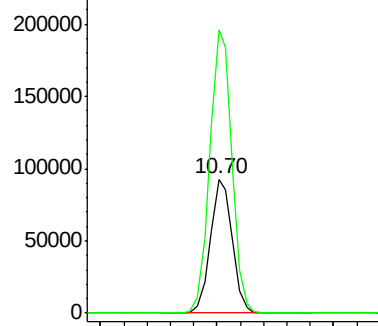
#69
o-Xylene
Concen: 20.12 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 121208
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6

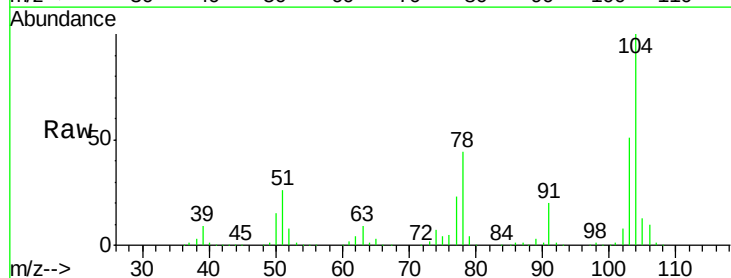


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

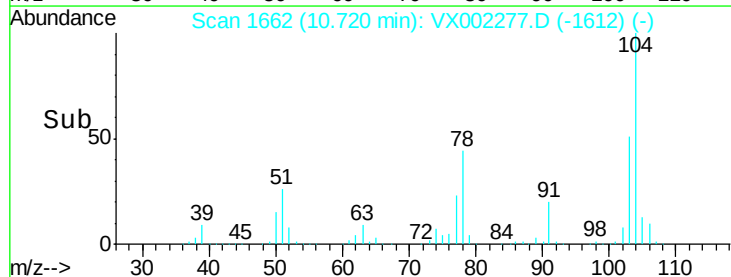
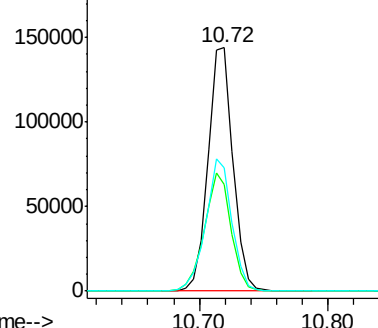


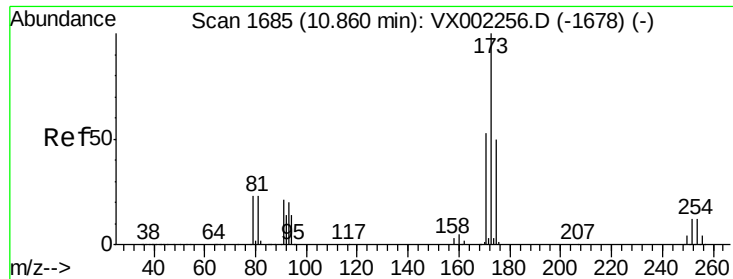
#70
Styrene
Concen: 19.79 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion:104 Resp: 194823
Ion Ratio Lower Upper
104 100
78 52.2 41.0 61.6
103 57.2 44.2 66.4



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





#71

Bromoform

Concen: 17.36 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

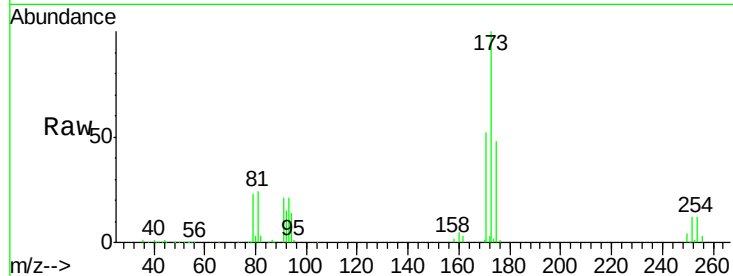
Tot Ion:173 Resp: 45072

Ion Ratio Lower Upper

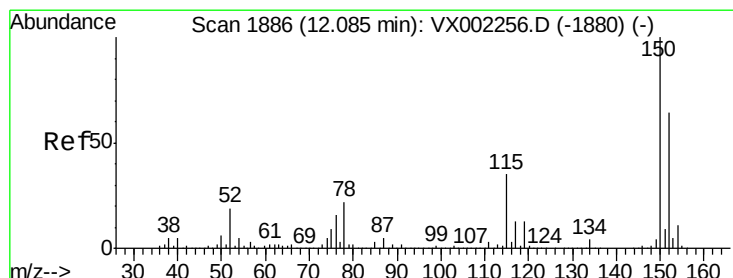
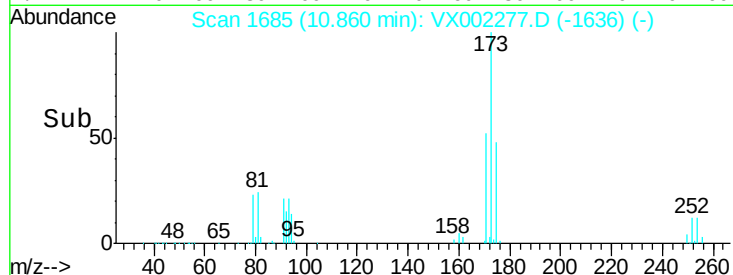
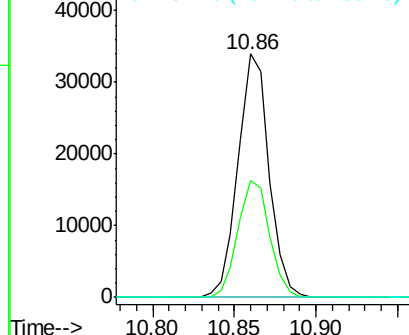
173 100

175 49.0 24.7 74.1

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

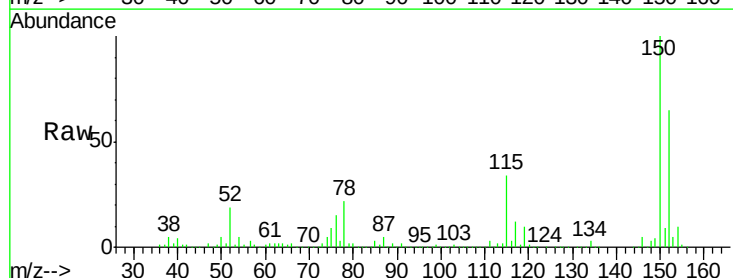
Tgt Ion:152 Resp: 225254

Ion Ratio Lower Upper

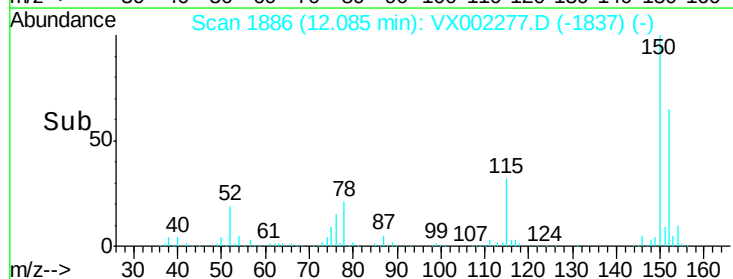
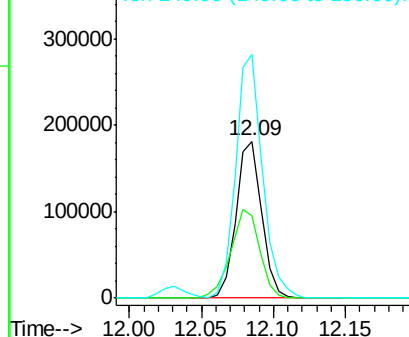
152 100

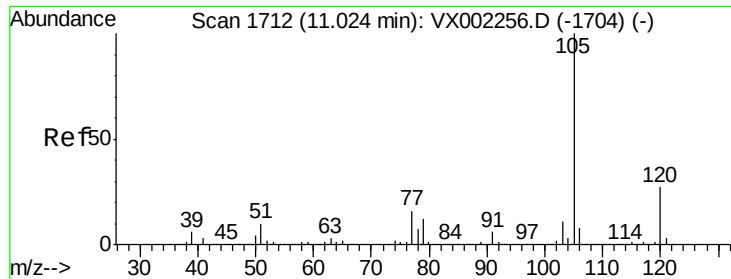
115 64.4 40.1 120.2

150 163.1 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.65 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

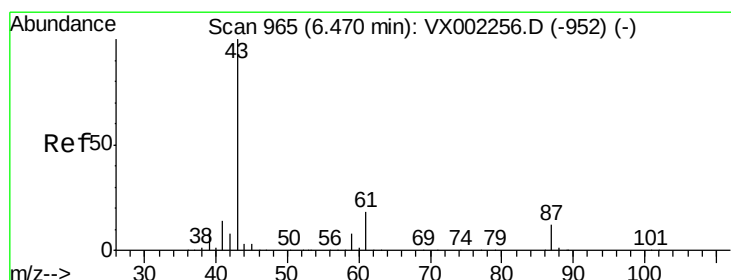
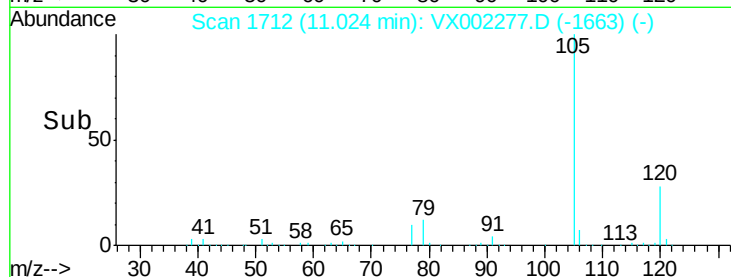
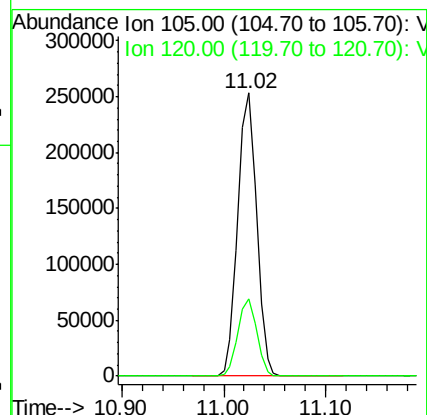
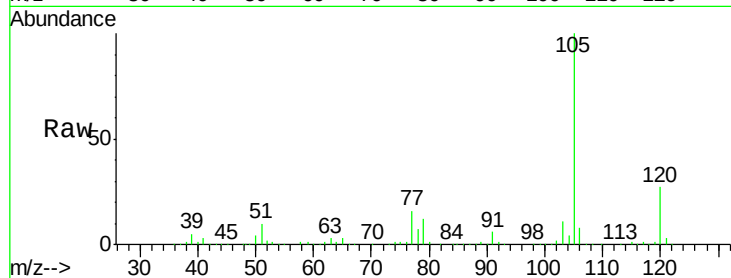
ClientSampled :

Tot Ion:105 Resp: 323551

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 19.05 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Tgt Ion: 43 Resp: 160850

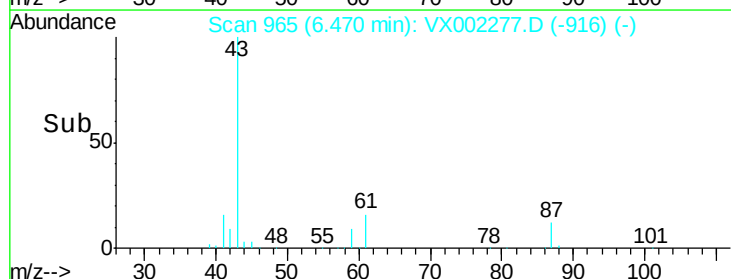
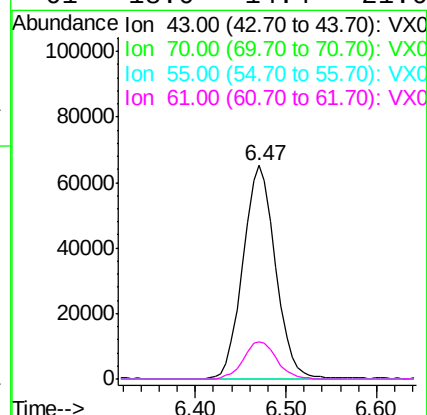
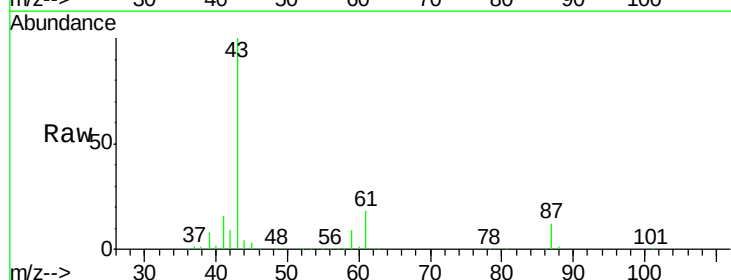
Ion Ratio Lower Upper

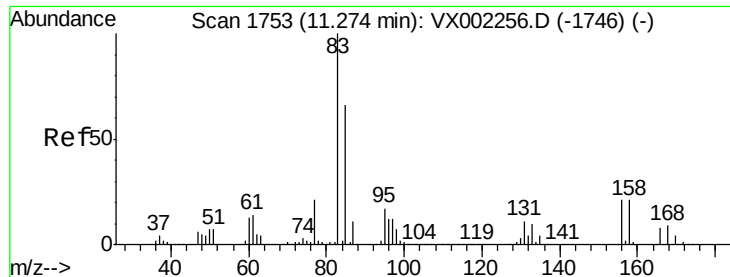
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.20 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

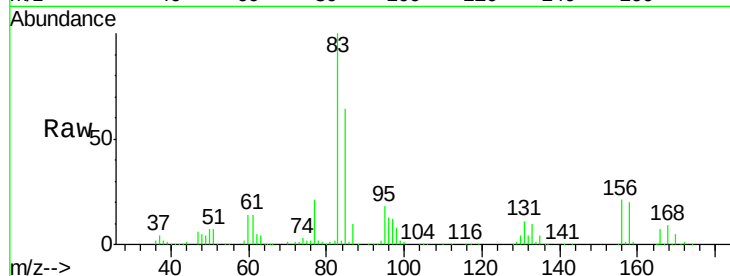
Tot Ion: 83 Resp: 94603

Ion Ratio Lower Upper

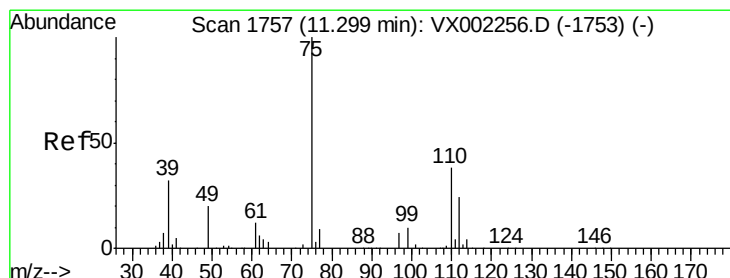
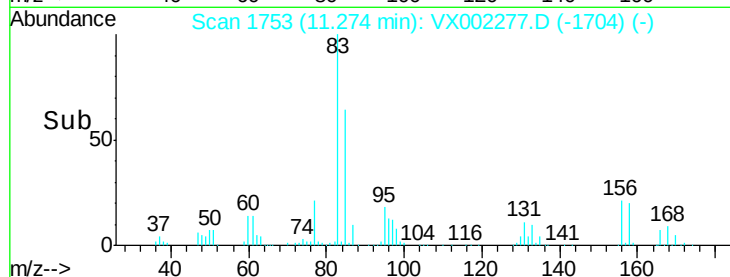
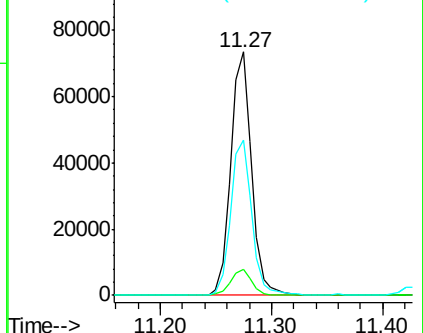
83 100

131 10.8 5.6 16.8

85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.57 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002277.D

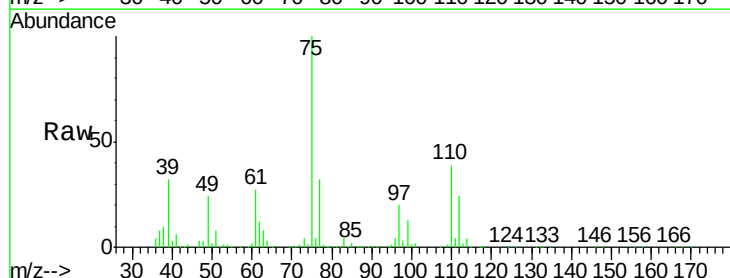
Acq: 04 Jun 2018 23:39

Tgt Ion: 75 Resp: 106604

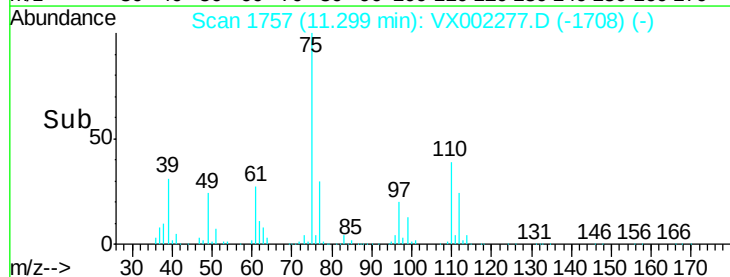
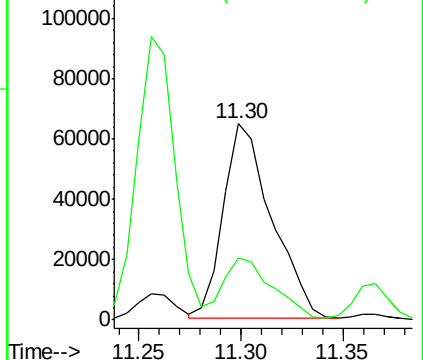
Ion Ratio Lower Upper

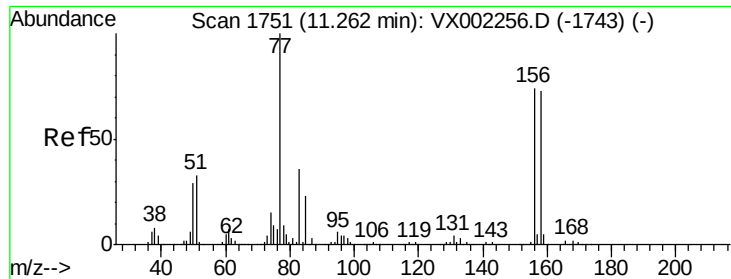
75 100

77 32.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.96 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

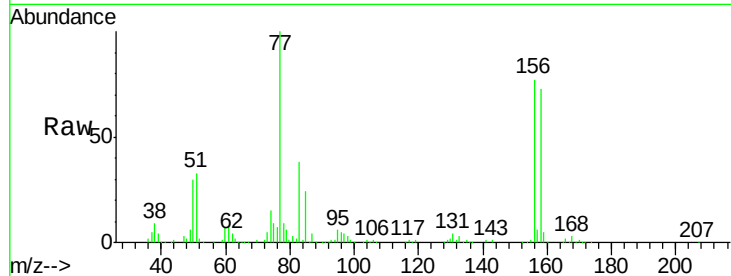
Tot Ion:156 Resp: 87823

Ion Ratio Lower Upper

156 100

77 139.1 71.4 214.2

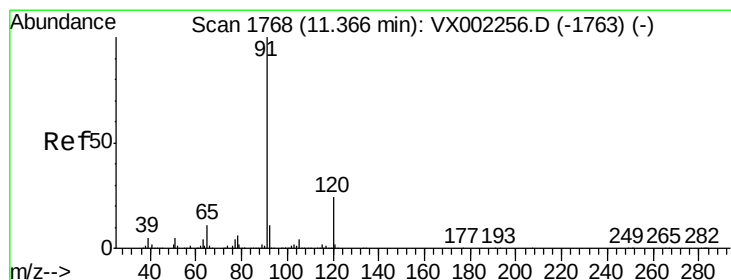
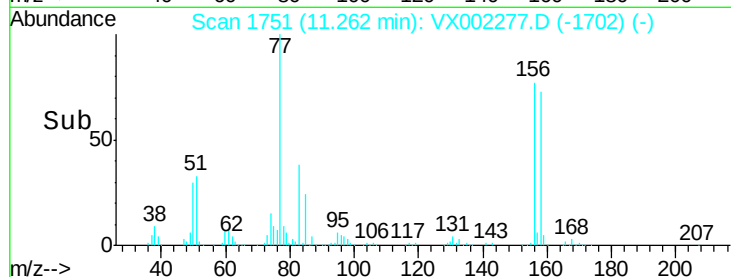
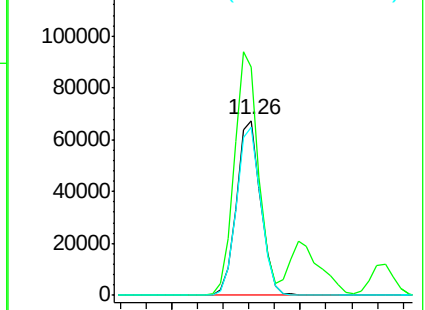
158 96.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.89 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002277.D

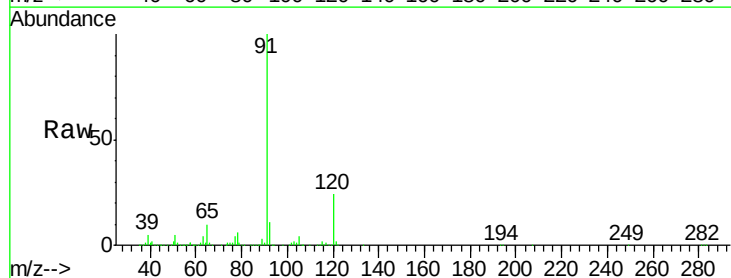
Acq: 04 Jun 2018 23:39

Tgt Ion: 91 Resp: 363891

Ion Ratio Lower Upper

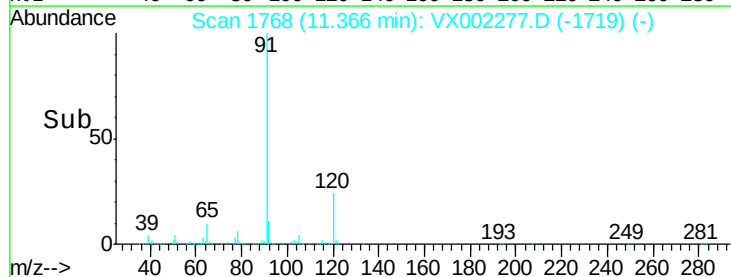
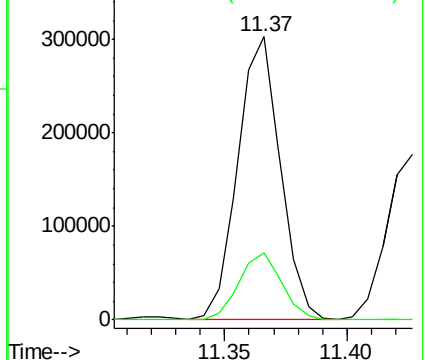
91 100

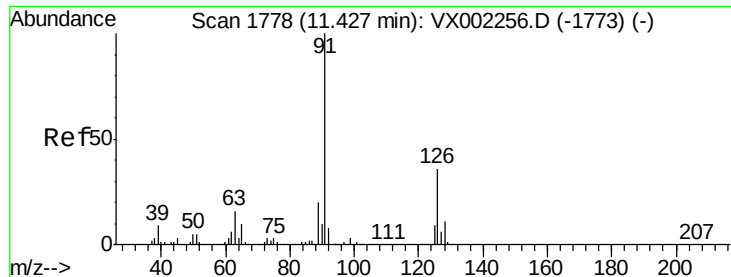
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.01 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

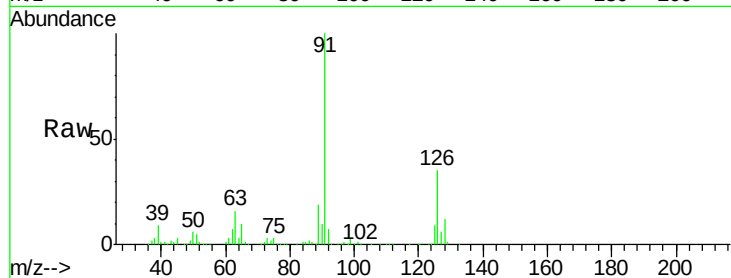
ClientSampled :

Tot Ion: 91 Resp: 220085

Ion Ratio Lower Upper

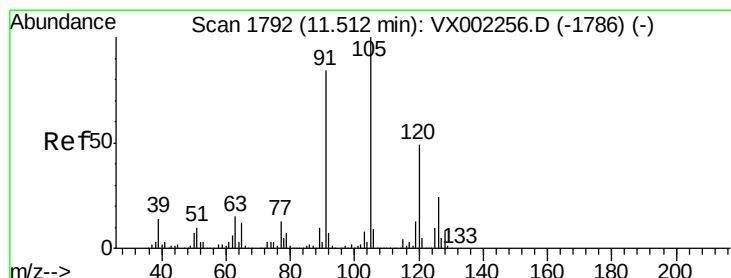
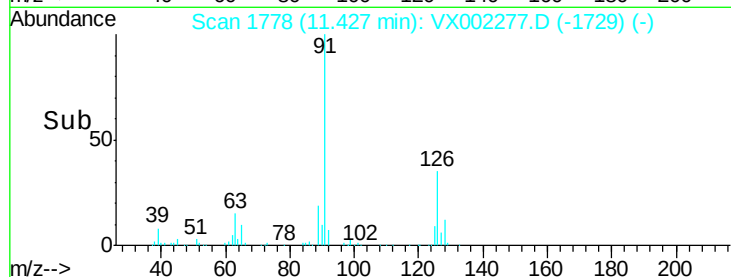
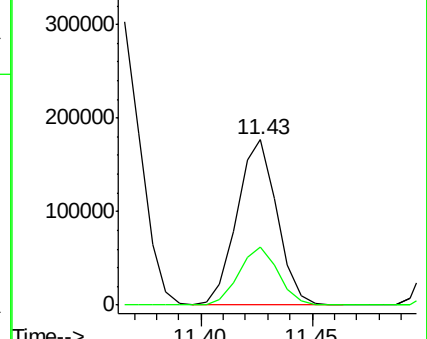
91 100

126 35.2 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: 20.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002277.D

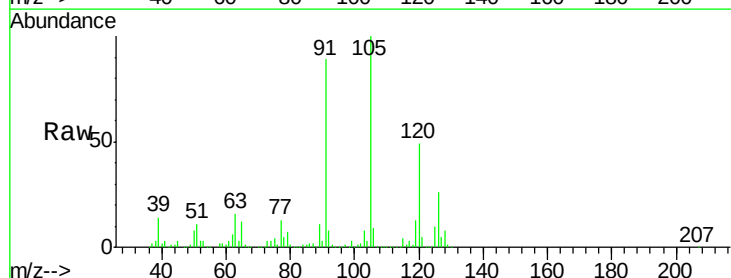
Acq: 04 Jun 2018 23:39

Tgt Ion:105 Resp: 273027

Ion Ratio Lower Upper

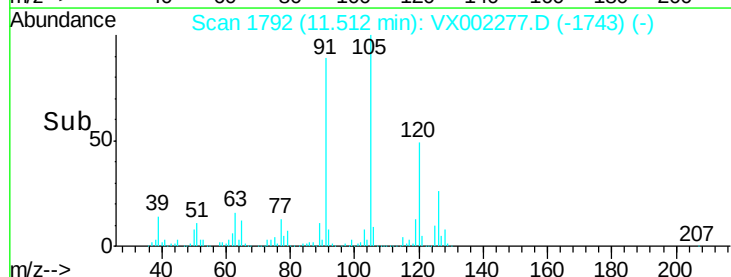
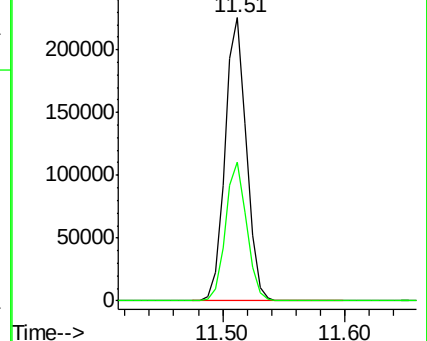
105 100

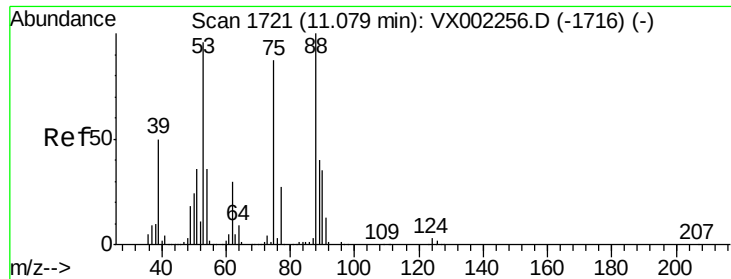
120 48.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

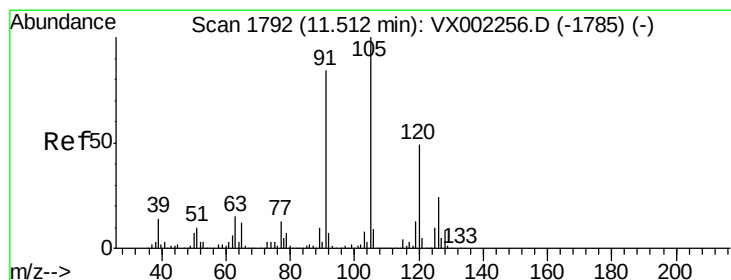
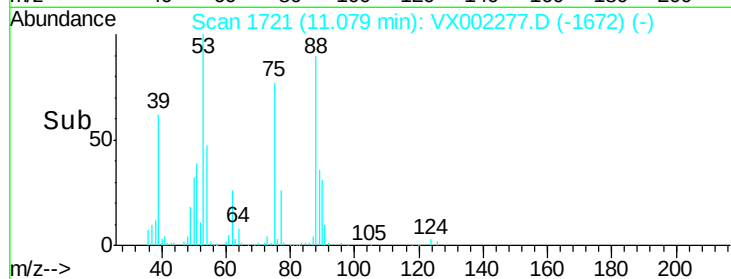
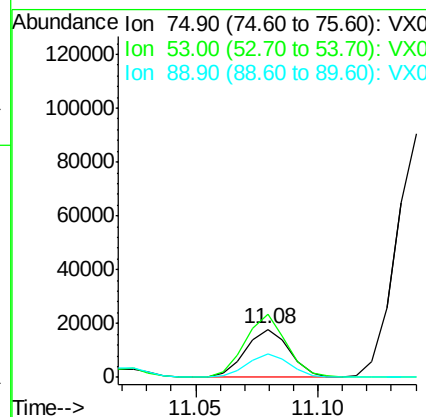
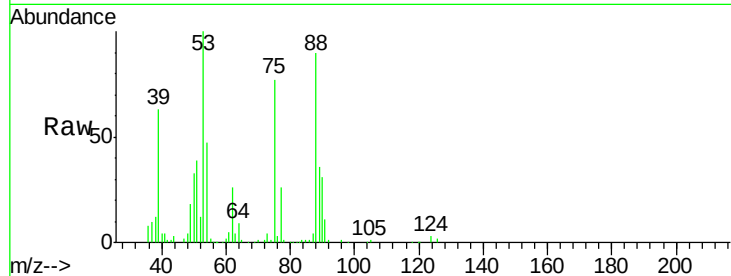




#81
trans-1,4-Dichloro-2-butene
Concen: 15.63 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

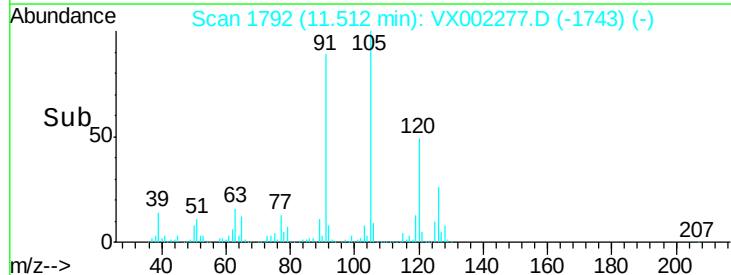
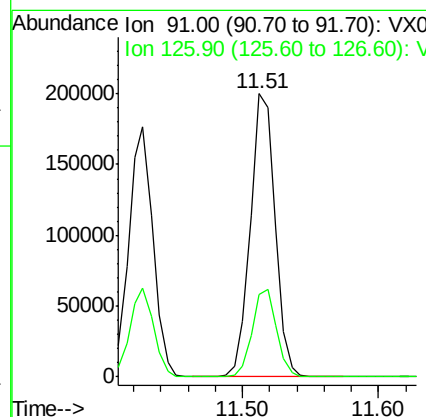
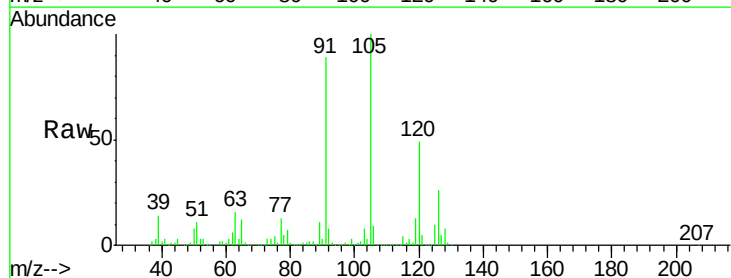
Instrument :
MSVOA_X
ClientSampled :

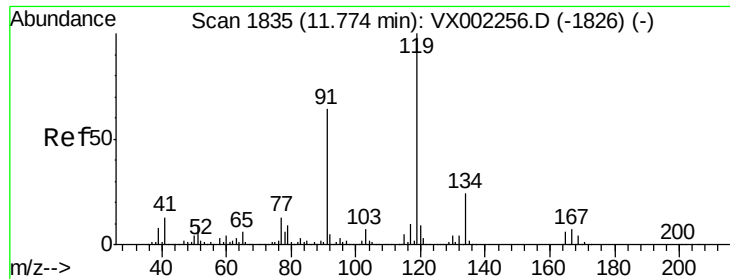
Tot Ion: 75 Resp: 22034
Ion Ratio Lower Upper
75 100
53 123.8 86.8 130.2
89 48.3 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.14 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion: 91 Resp: 255696
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.4

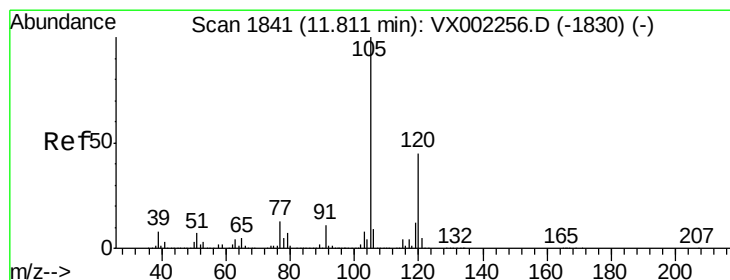
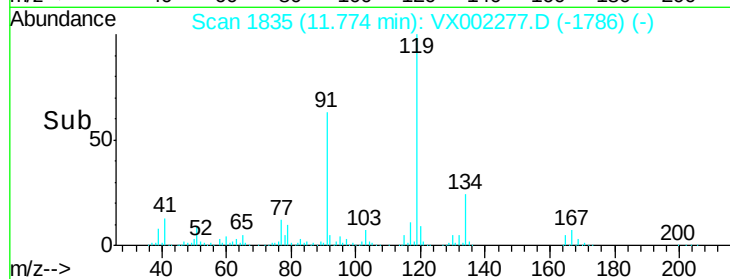
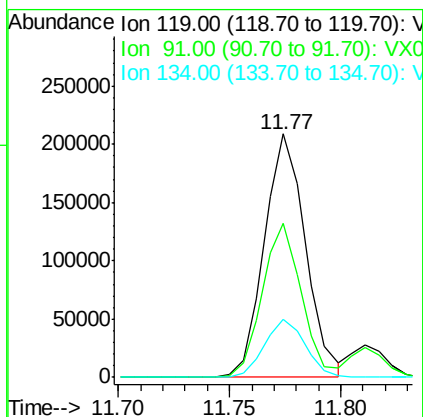
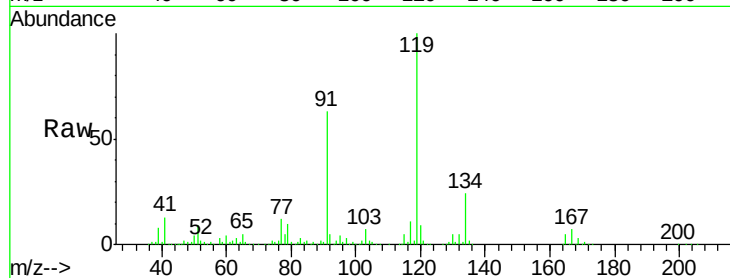




#83
 tert-Butylbenzene
 Concen: 20.41 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

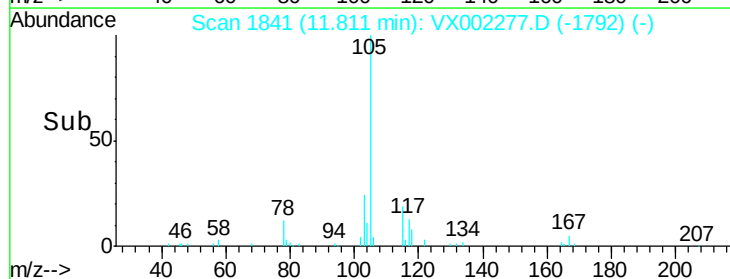
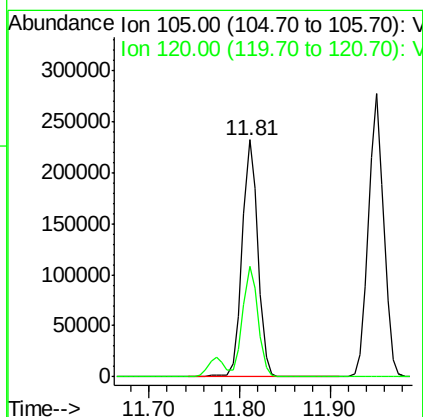
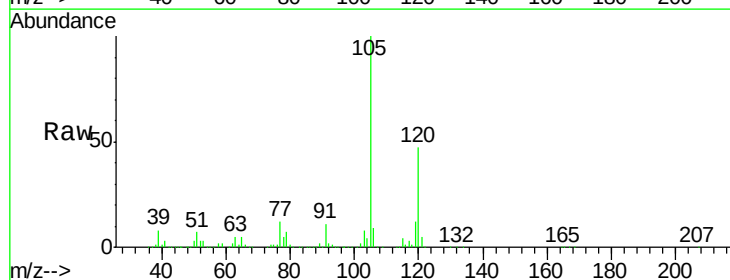
Instrument :
 MSVOA_X
 ClientSampleId :

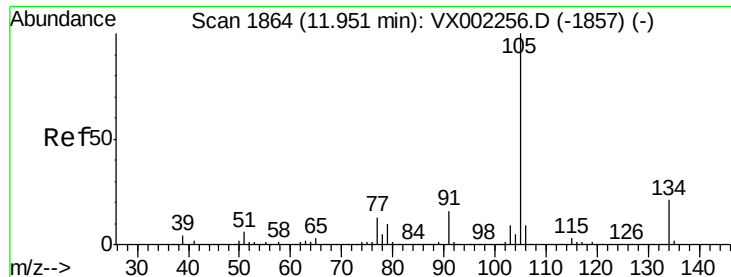
Tot Ion:119 Resp: 267188
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Tgt Ion:105 Resp: 279269
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.22 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

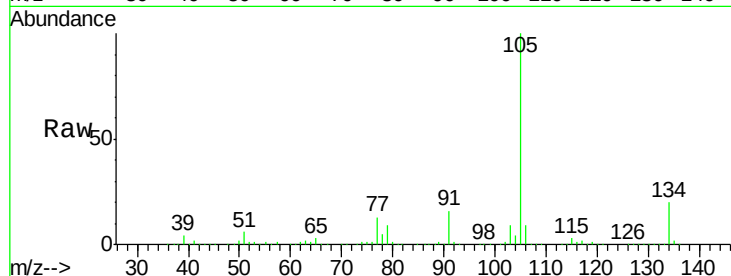
ClientSampleId :

Tot Ion:105 Resp: 325645

Ion Ratio Lower Upper

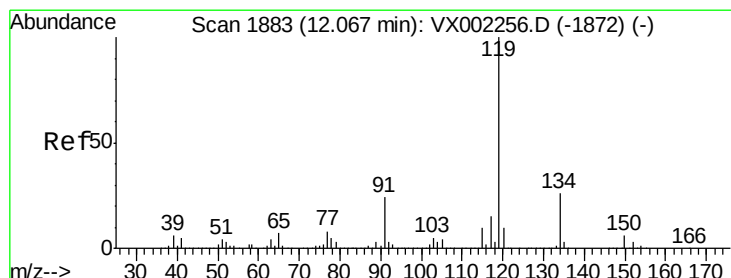
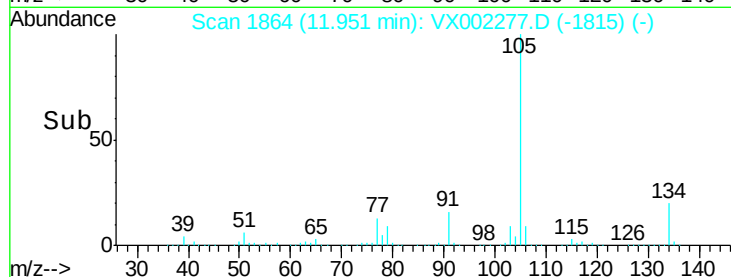
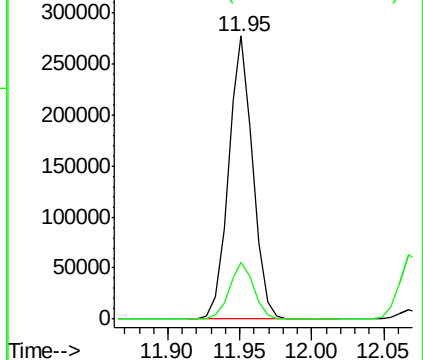
105 100

134 20.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.55 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

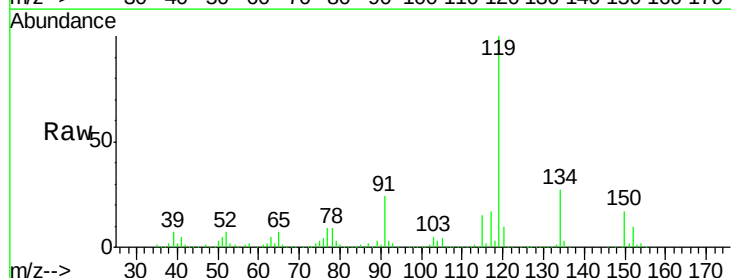
Tgt Ion:119 Resp: 287170

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

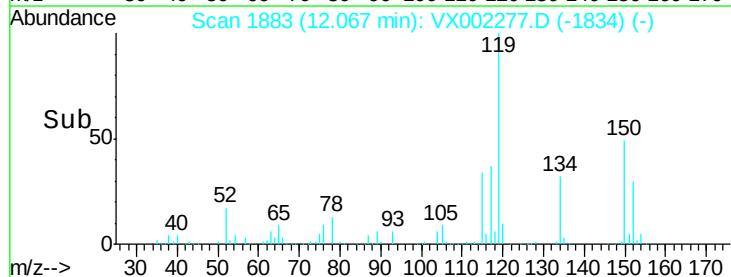
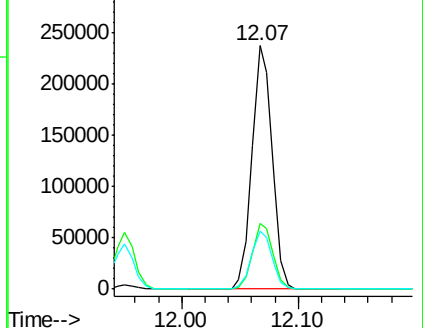
91 24.5 11.9 35.7

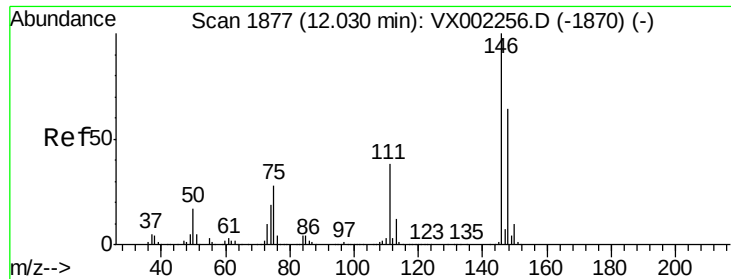


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

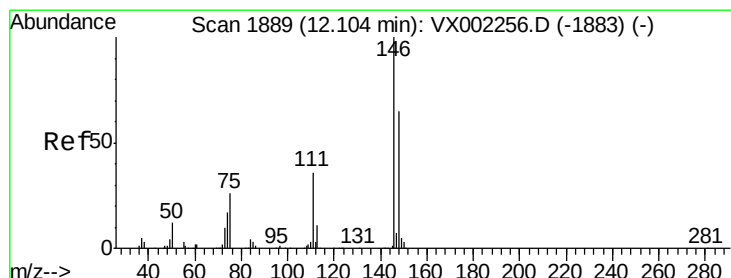
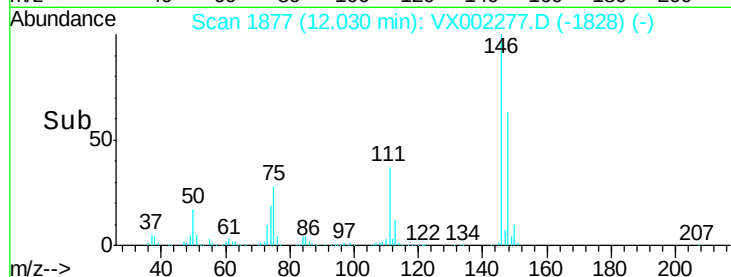
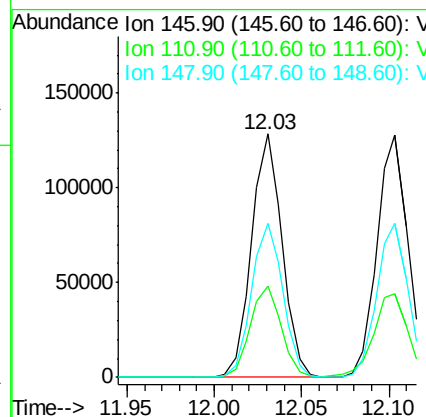
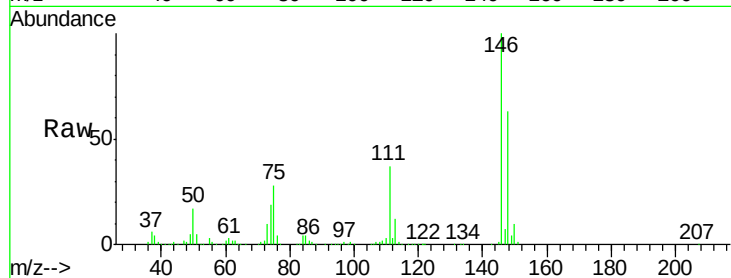




#87
 1,3-Dichlorobenzene
 Concen: 19.83 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

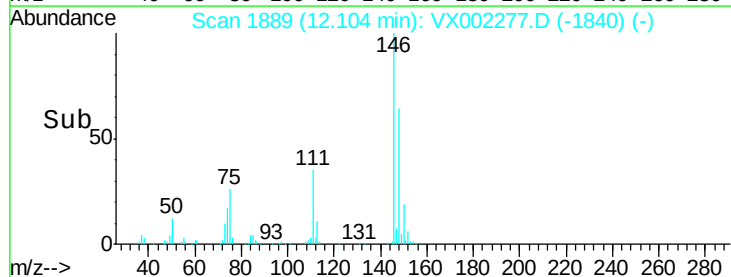
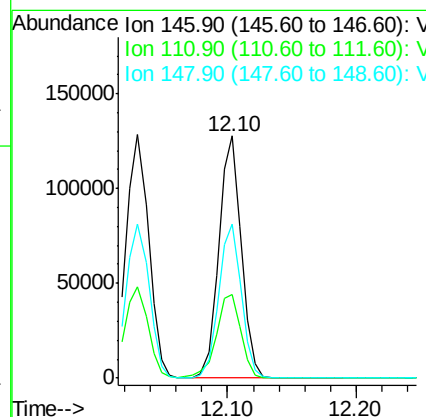
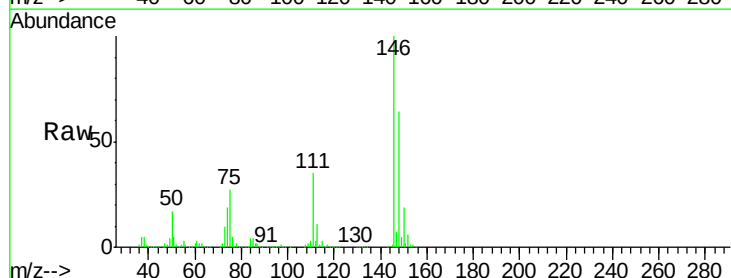
Instrument :
 MSVOA_X
 ClientSampleId :

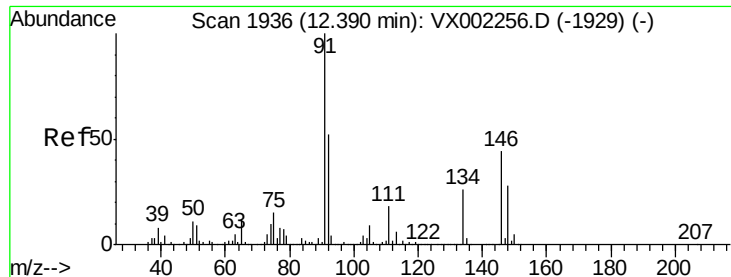
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	64.6	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.35 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.7	56.1
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 20.29 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002277.D

Acq: 04 Jun 2018 23:39

Instrument :

MSVOA_X

ClientSampleId :

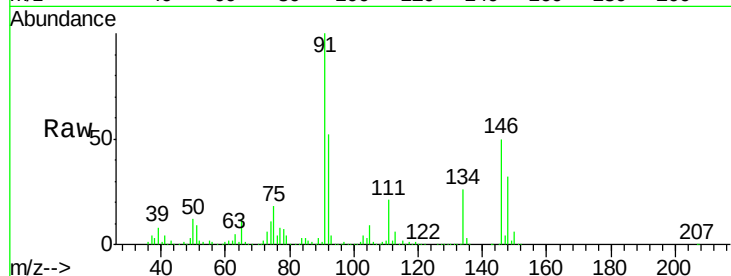
Tot Ion: 91 Resp: 237869

Ion Ratio Lower Upper

91 100

92 51.9 26.0 78.0

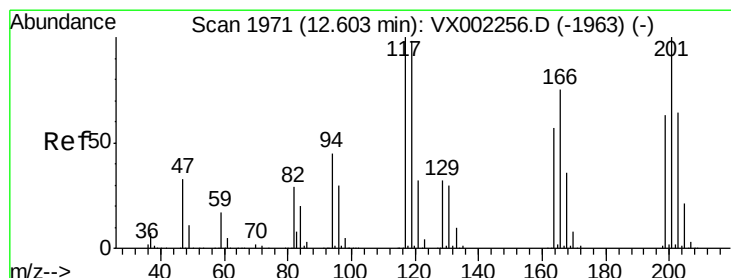
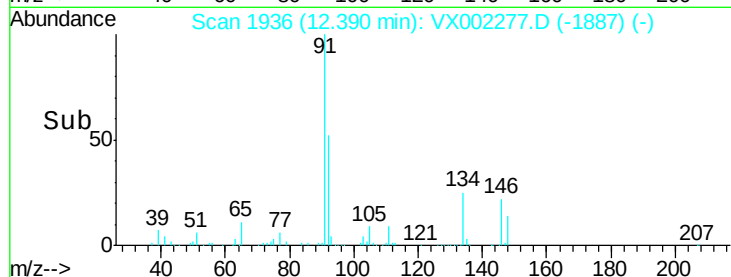
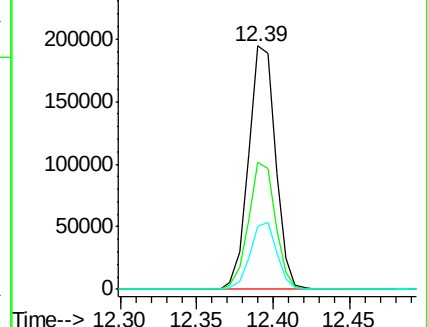
134 27.0 13.5 40.5



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

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

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



#90

Hexachloroethane

Concen: 17.83 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX002277.D

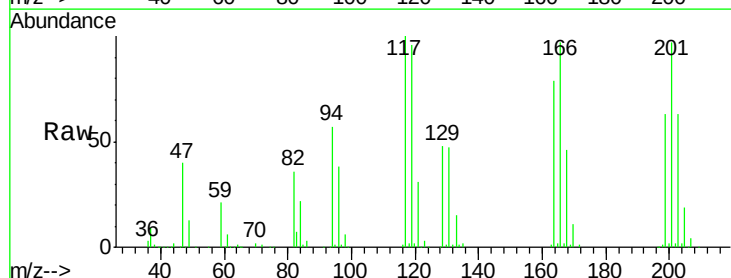
Acq: 04 Jun 2018 23:39

Tgt Ion: 117 Resp: 39774

Ion Ratio Lower Upper

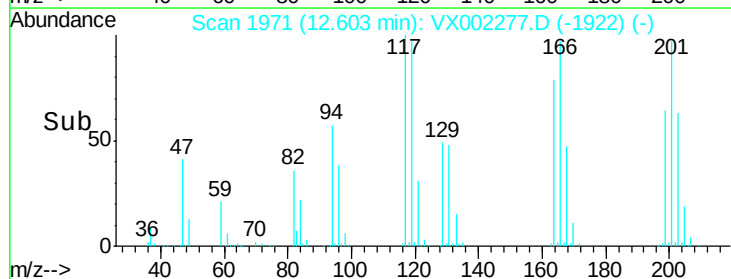
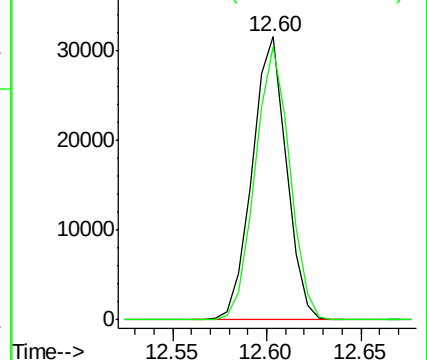
117 100

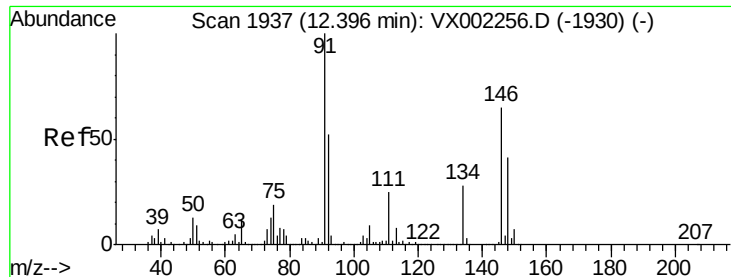
201 97.3 49.0 147.0



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

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

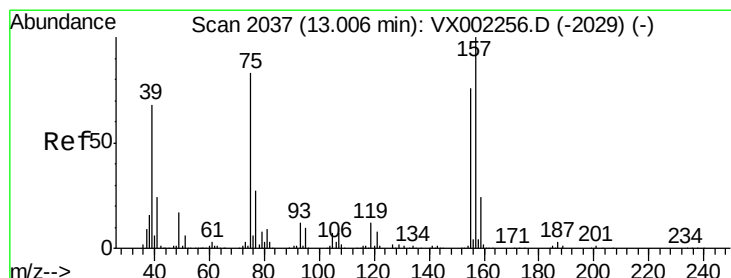
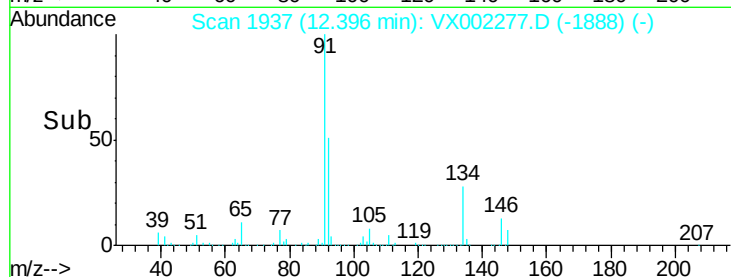
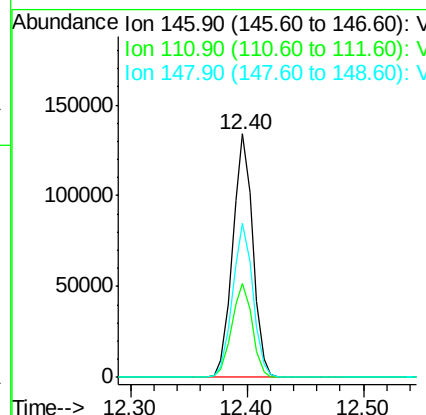
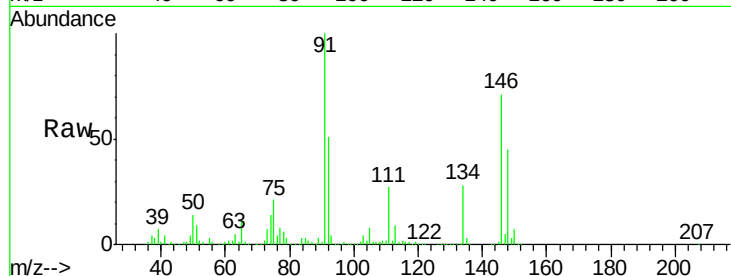




#91
 1,2-Dichlorobenzene
 Concen: 19.81 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

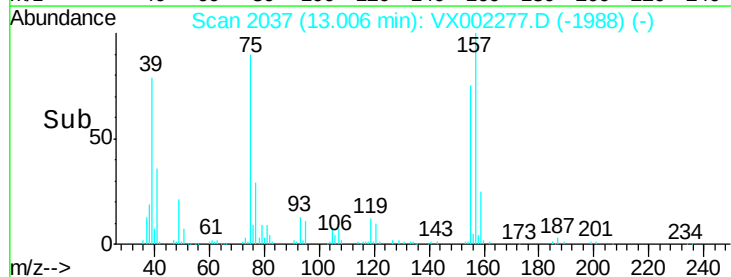
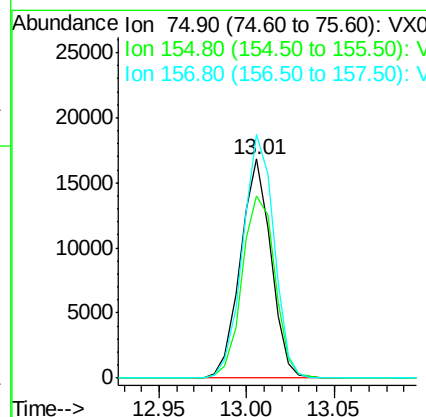
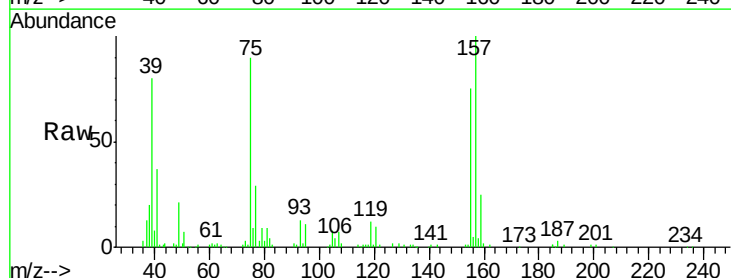
Instrument :
 MSVOA_X
 ClientSampleId :

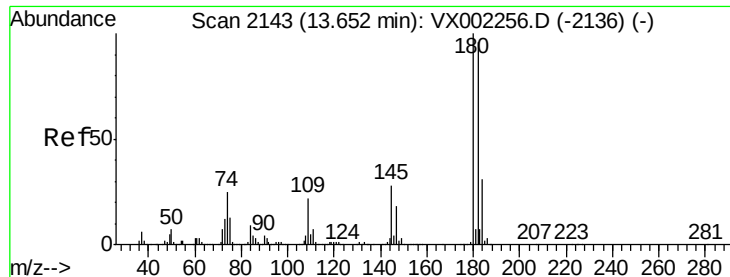
Tot Ion:146 Resp: 161216
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 63.7 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.00 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Tgt Ion: 75 Resp: 20479
 Ion Ratio Lower Upper
 75 100
 155 89.5 45.8 137.4
 157 113.4 60.1 180.3

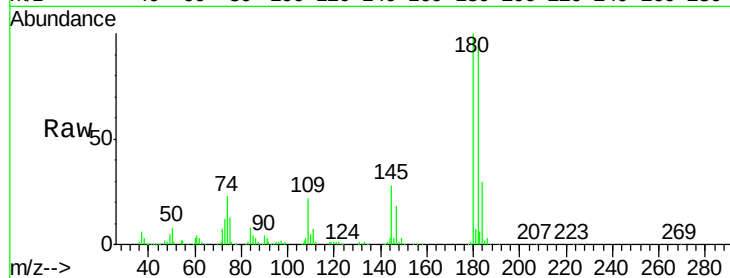




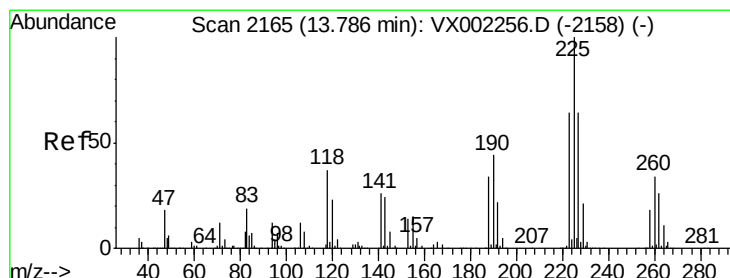
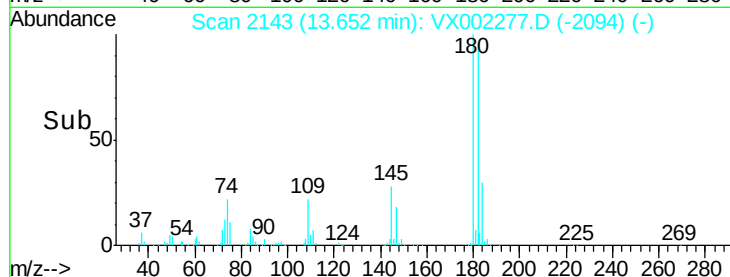
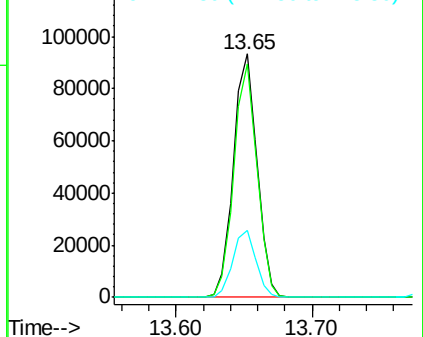
#93
 1,2,4-Trichlorobenzene
 Concen: 19.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	27.5	14.1	42.4

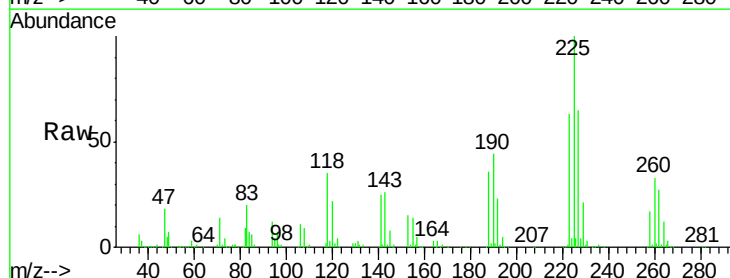


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

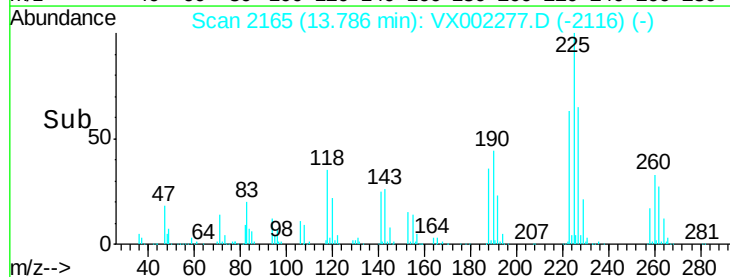
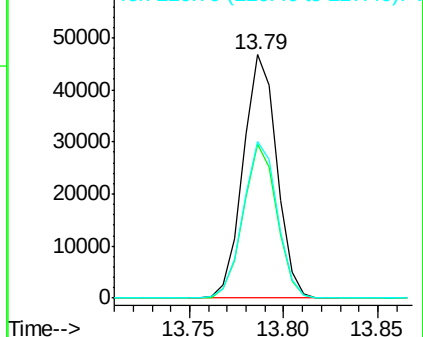


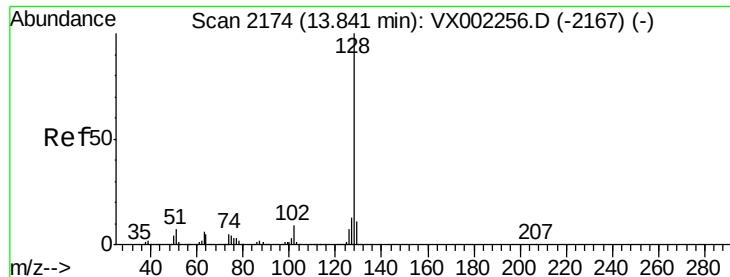
#94
 Hexachlorobutadiene
 Concen: 20.50 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002277.D
 Acq: 04 Jun 2018 23:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	95.0
227	65.3	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

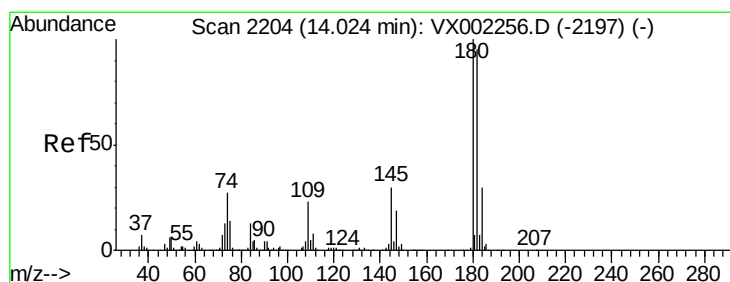
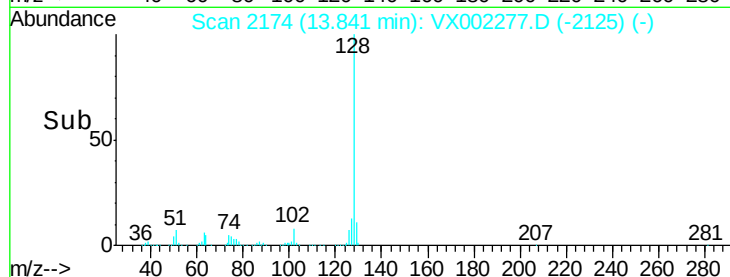
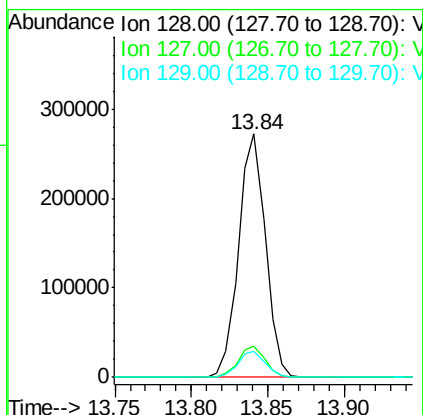
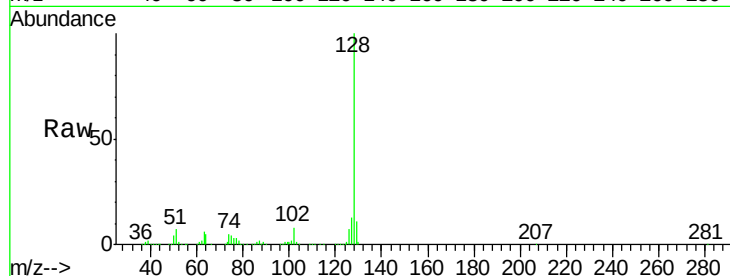




#95
Naphthalene
Concen: 20.19 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 331028
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.05 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002277.D
Acq: 04 Jun 2018 23:39

Tgt Ion:180 Resp: 116703
Ion Ratio Lower Upper
180 100
182 95.8 48.0 144.0
145 29.3 14.8 44.3

