

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002273.D
 Acq On : 04 Jun 2018 21:00
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 05:02:11 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	283802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	194223	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	149164	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
50) Toluene-d8	8.72	98	581576	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	11.14	95	224180	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153370	51.99	ug/l	97
3) Chloromethane	1.32	50	175737	52.11	ug/l	99
4) Vinyl Chloride	1.41	62	187729	50.49	ug/l	98
5) Bromomethane	1.64	94	107967	51.40	ug/l	99
6) Chloroethane	1.72	64	118991	49.47	ug/l	98
7) Trichlorofluoromethane	1.93	101	306647	54.13	ug/l	99
8) Diethyl Ether	2.19	74	106563	53.08	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	169013	55.28	ug/l	99
10) Methyl Iodide	2.51	142	207427	48.24	ug/l	99
11) Tert butyl alcohol	3.08	59	215485	259.85	ug/l	99
12) 1,1-Dichloroethene	2.37	96	152038	50.32	ug/l	99
13) Acrolein	2.30	56	101654	252.36	ug/l	99
14) Allyl chloride	2.73	41	305319	46.57	ug/l	99
15) Acrylonitrile	3.15	53	458032	265.79	ug/l	99
16) Acetone	2.45	43	437308	250.59	ug/l	99
17) Carbon Disulfide	2.57	76	372067	46.72	ug/l	99
18) Methyl Acetate	2.78	43	221699	54.79	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	558306	53.22	ug/l	100
20) Methylene Chloride	2.86	84	170250	53.23	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	161701	48.53	ug/l	96
22) Diisopropyl ether	3.88	45	552078	50.41	ug/l	99
23) Vinyl Acetate	3.83	43	2382324	224.13	ug/l	100
24) 1,1-Dichloroethane	3.70	63	277587	42.84	ug/l	99
25) 2-Butanone	4.71	43	625496	224.78	ug/l	99
26) 2,2-Dichloropropane	4.59	77	212706	41.99	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	165092	45.56	ug/l	96
28) Bromochloromethane	5.03	49	144721	52.70	ug/l	99
29) Tetrahydrofuran	5.17	42	413400	230.42	ug/l	99
30) Chloroform	5.22	83	293845	46.99	ug/l	97
31) Cyclohexane	5.58	56	268738	52.44	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	260514	49.12	ug/l	100
36) 1,1-Dichloropropene	5.81	75	216468	49.65	ug/l	100
37) Ethyl Acetate	4.87	43	247904	47.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	230847	50.61	ug/l	98

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 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	272861	50.65	ug/l	98
40) Benzene	6.15	78	646948	48.39	ug/l	99
41) Methacrylonitrile	5.07	41	141430	47.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	252794	47.59	ug/l	100
43) Isopropyl Acetate	6.47	43	417555	46.88	ug/l	100
44) Trichloroethene	7.22	130	186471	50.26	ug/l	97
45) 1,2-Dichloropropane	7.52	63	171285	47.46	ug/l	99
46) Dibromomethane	7.67	93	114860	46.95	ug/l	99
47) Bromodichloromethane	7.90	83	213538	48.26	ug/l	98
48) Methyl methacrylate	7.78	41	212667	47.54	ug/l	99
49) 1,4-Dioxane	7.76	88	81307	972.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1353487	244.03	ug/l	100
52) Toluene	8.79	92	425309	50.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	258476	48.71	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	241062	48.15	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168901	48.30	ug/l	98
56) Ethyl methacrylate	9.18	69	267133	47.84	ug/l	99
57) 1,3-Dichloropropane	9.38	76	281309	47.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	629135	243.46	ug/l	99
59) 2-Hexanone	9.50	43	1041800	243.18	ug/l	99
60) Dibromochloromethane	9.59	129	175675	49.94	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180659	49.54	ug/l	99
64) Tetrachloroethene	9.34	164	209707	50.79	ug/l	97
65) Chlorobenzene	10.14	112	484343	48.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175779	48.73	ug/l	100
67) Ethyl Benzene	10.26	91	836354	50.17	ug/l	99
68) m/p-Xylenes	10.37	106	650440	100.37	ug/l	99
69) o-Xylene	10.70	106	319738	49.58	ug/l	100
70) Styrene	10.72	104	534005	50.65	ug/l	100
71) Bromoform	10.86	173	137871	43.18	ug/l	99
73) Isopropylbenzene	11.02	105	869691	49.18	ug/l	100
74) N-amyl acetate	6.47	43	417555	43.82	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	249850	44.92	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	302660	54.26	ug/l	79
77) Bromobenzene	11.26	156	234570	47.25	ug/l	99
78) n-propylbenzene	11.37	91	993644	50.55	ug/l	100
79) 2-Chlorotoluene	11.43	91	591370	47.65	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	743276	49.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69690	43.80	ug/l	96
82) 4-Chlorotoluene	11.51	91	697546	48.69	ug/l	99
83) tert-Butylbenzene	11.77	119	721961	48.88	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	765684	49.04	ug/l	100
85) sec-Butylbenzene	11.95	105	898479	51.89	ug/l	100
86) p-Isopropyltoluene	12.07	119	804866	51.03	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	428827	48.31	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	432855	47.31	ug/l	100
89) n-Butylbenzene	12.39	91	691736	52.29	ug/l	100
90) Hexachloroethane	12.60	117	122422	48.63	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	433915	47.25	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59157	48.64	ug/l	98

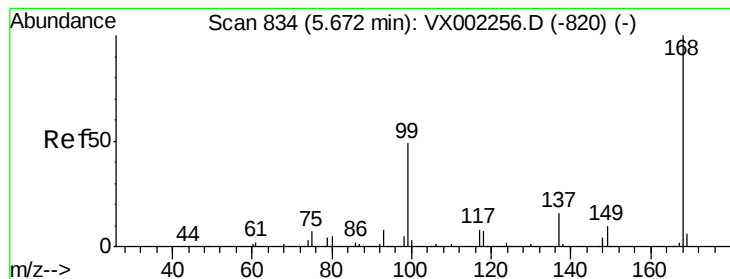
Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	312972	48.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	166892	52.44	ug/l	99
95) Naphthalene	13.84	128	905523	48.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321379	48.93	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

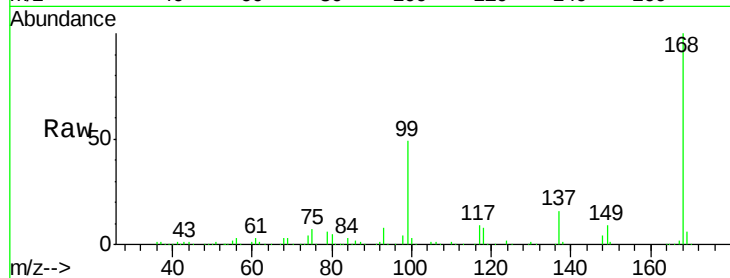
ClientSampleId :

Tot Ion:168 Resp: 283802

Ion Ratio Lower Upper

168 100

99 49.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

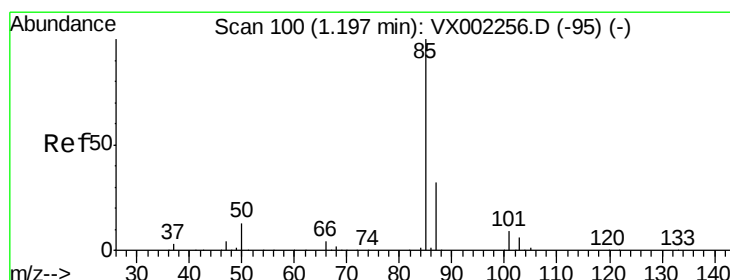
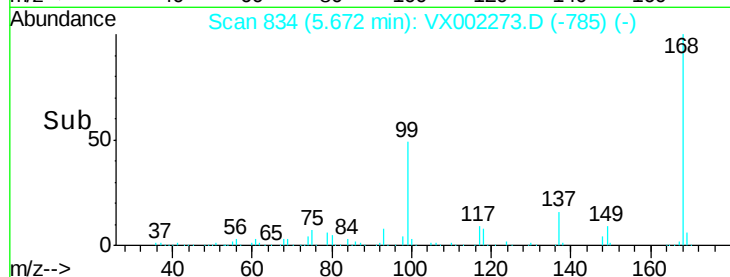
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.99 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002273.D

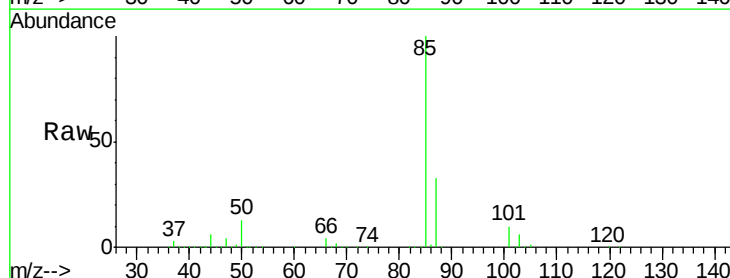
Acq: 04 Jun 2018 21:00

Tgt Ion: 85 Resp: 153370

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

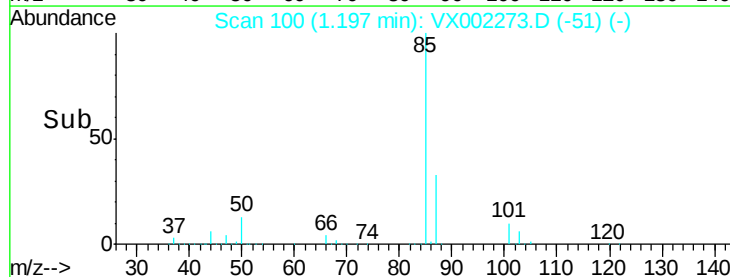
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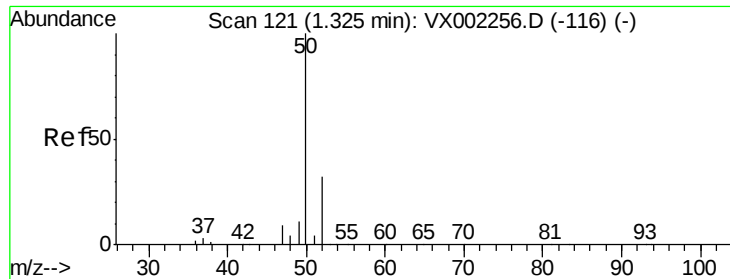
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

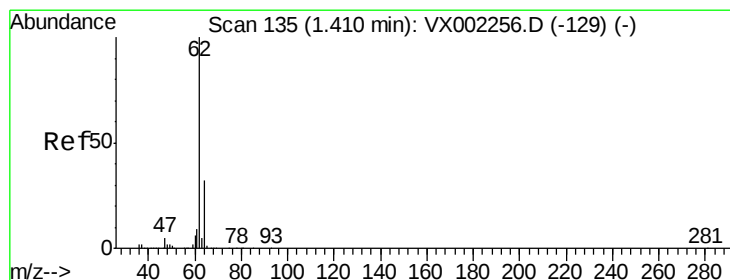
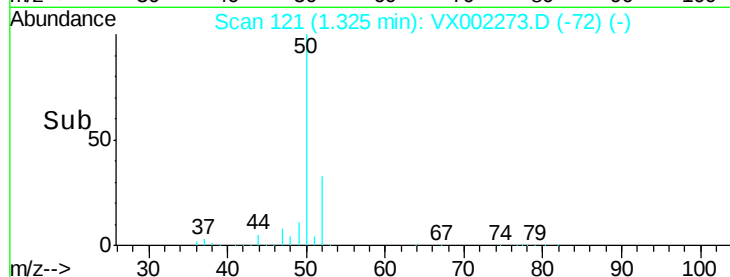
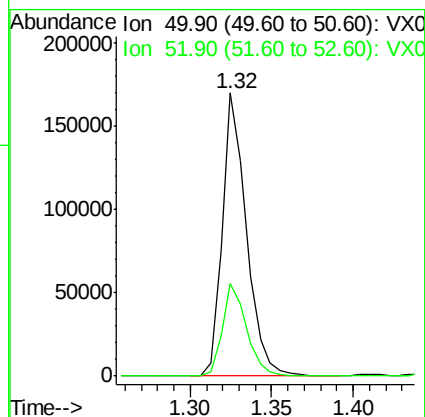
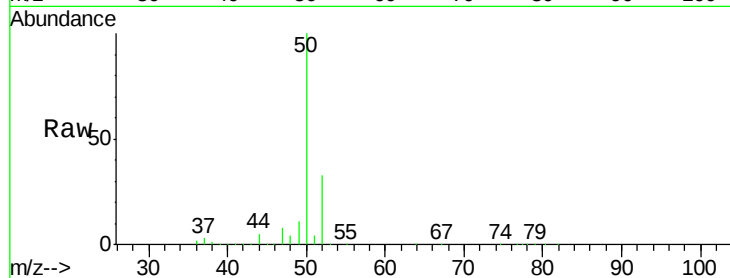
ClientSampleId :

Tot Ion: 50 Resp: 175737

Ion Ratio Lower Upper

50 100

52 32.6 25.7 38.5



#4

Vinyl Chloride

Concen: 50.49 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002273.D

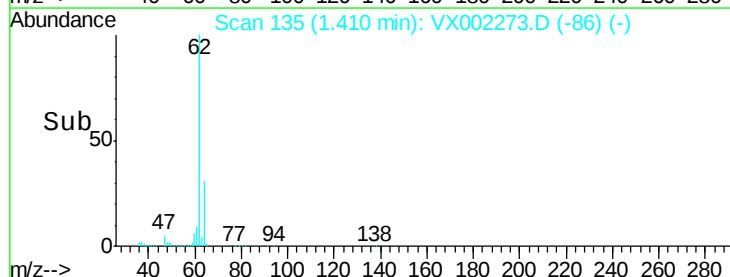
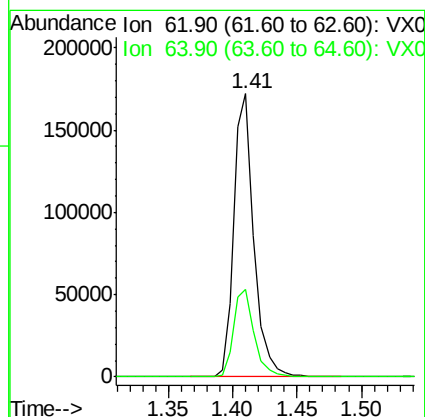
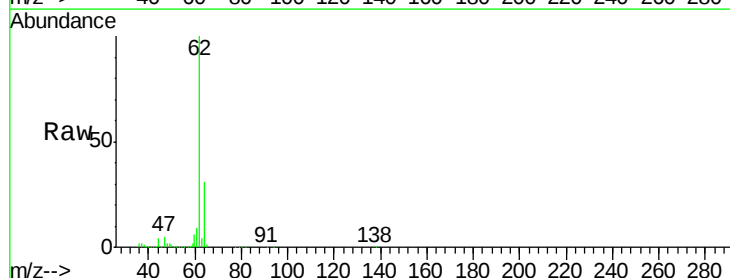
Acq: 04 Jun 2018 21:00

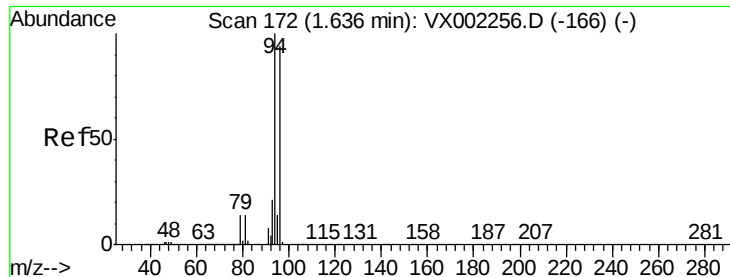
Tgt Ion: 62 Resp: 187729

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 51.40 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

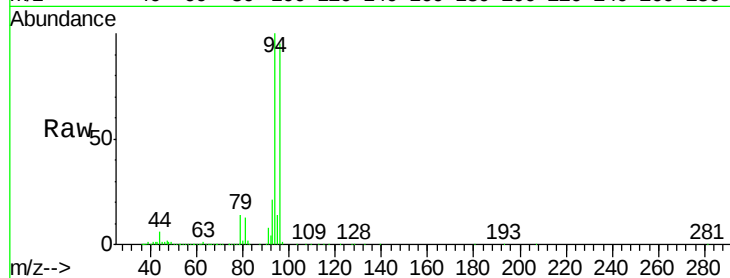
ClientSampled :

Tot Ion: 94 Resp: 107967

Ion Ratio Lower Upper

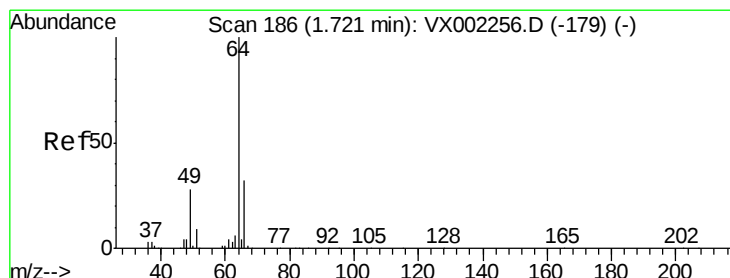
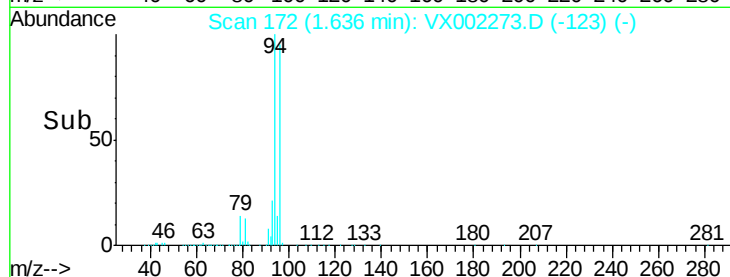
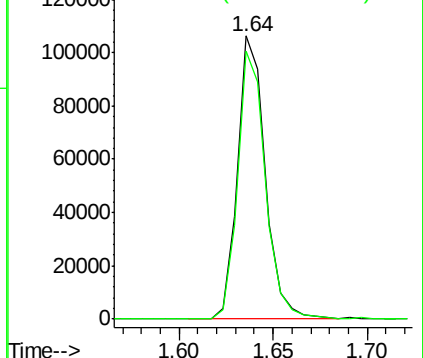
94 100

96 94.7 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: 49.47 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002273.D

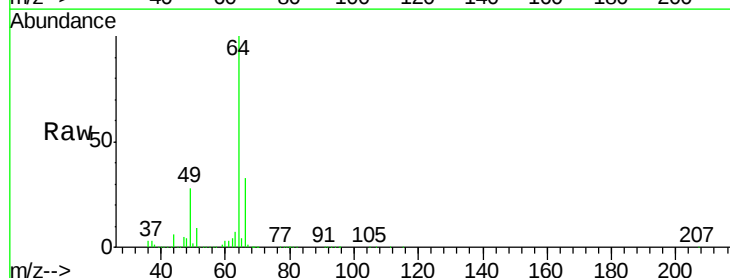
Acq: 04 Jun 2018 21:00

Tgt Ion: 64 Resp: 118991

Ion Ratio Lower Upper

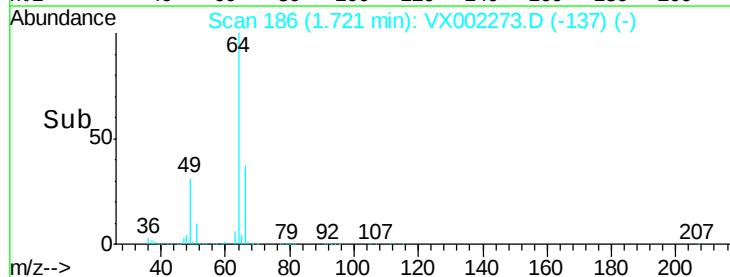
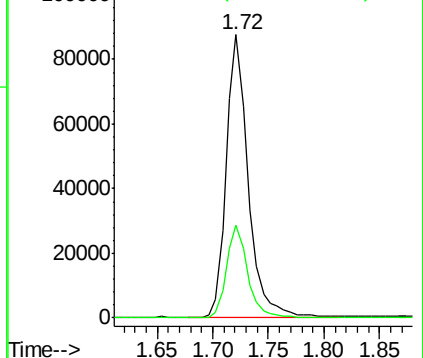
64 100

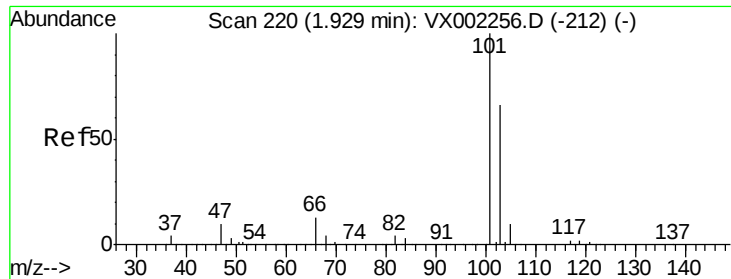
66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 54.13 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

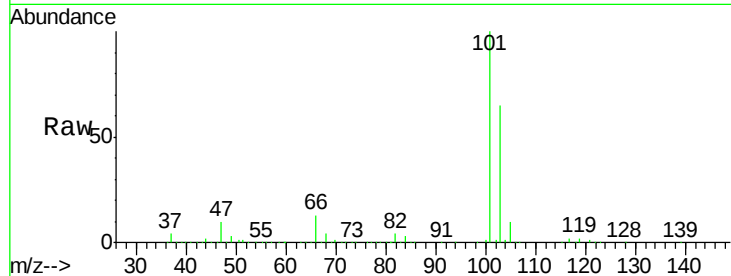
ClientSampleId :

Tot Ion:101 Resp: 306647

Ion Ratio Lower Upper

101 100

103 64.9 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

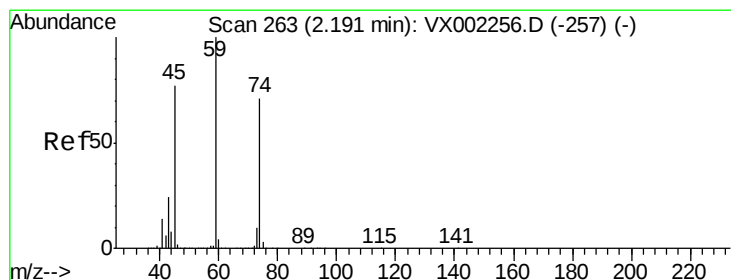
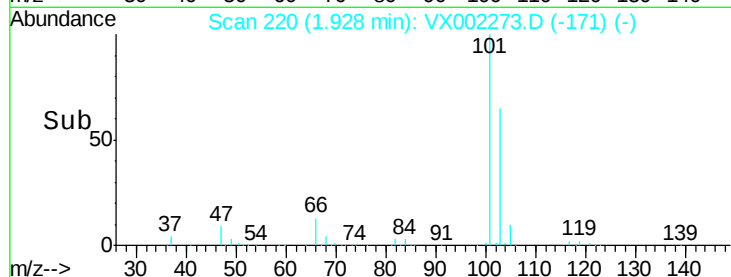
150000

100000

50000

0

Time--> 1.80 1.90 2.00 2.10



#8

Diethyl Ether

Concen: 53.08 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002273.D

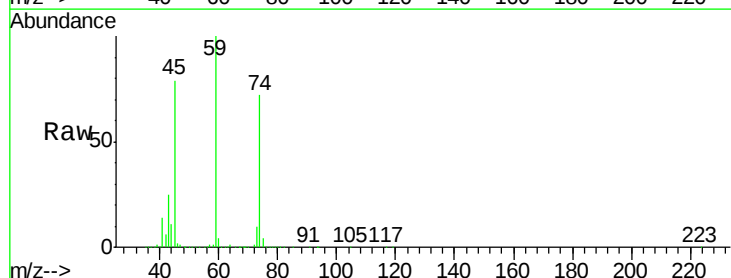
Acq: 04 Jun 2018 21:00

Tgt Ion: 74 Resp: 106563

Ion Ratio Lower Upper

74 100

45 106.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

80000

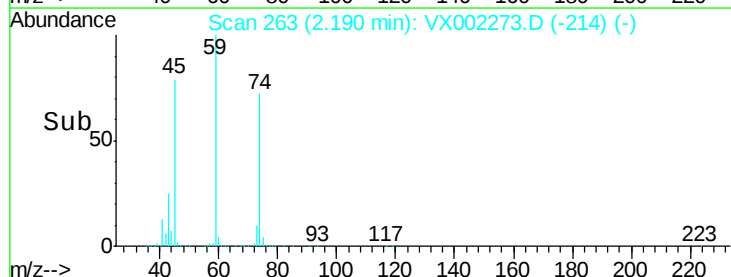
60000

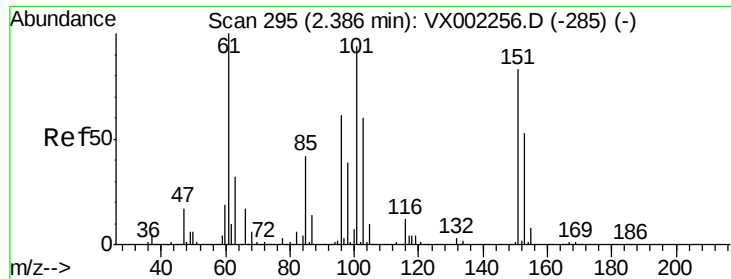
40000

20000

0

Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.28 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

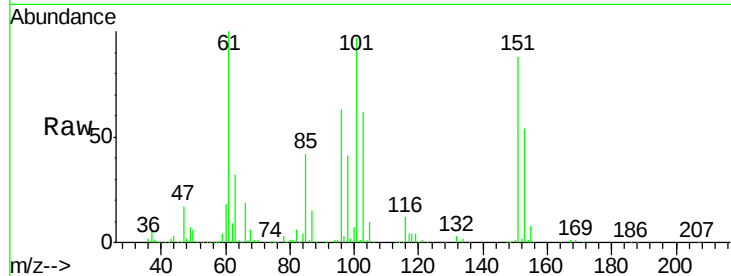
Tot Ion:101 Resp: 169013

Ion Ratio Lower Upper

101 100

85 45.3 36.0 54.0

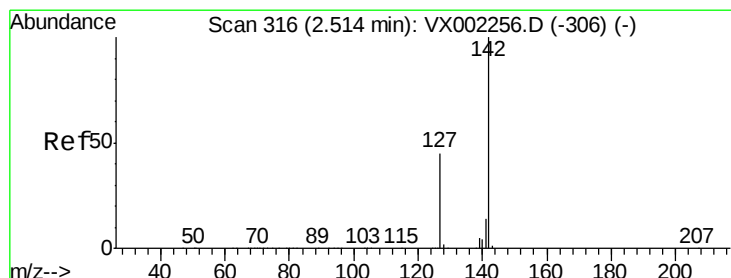
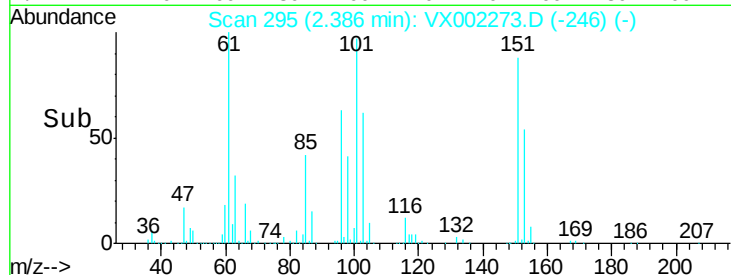
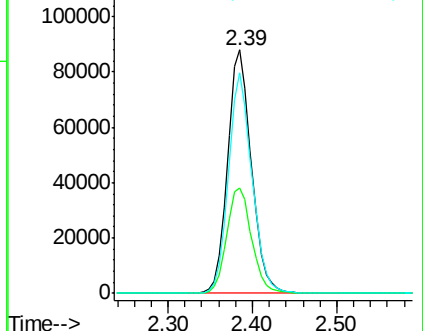
151 89.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.24 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

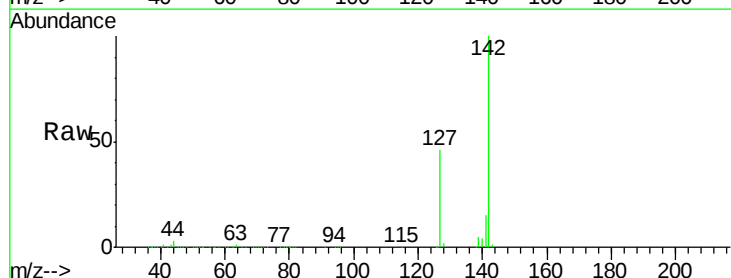
Tgt Ion:142 Resp: 207427

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

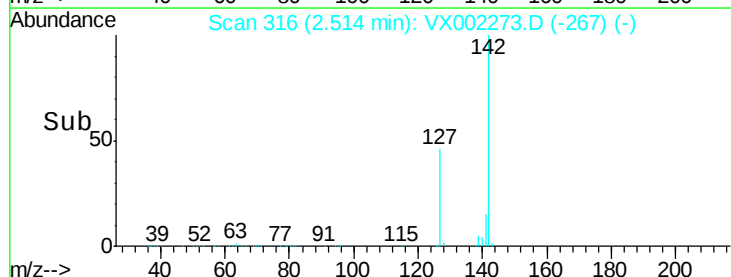
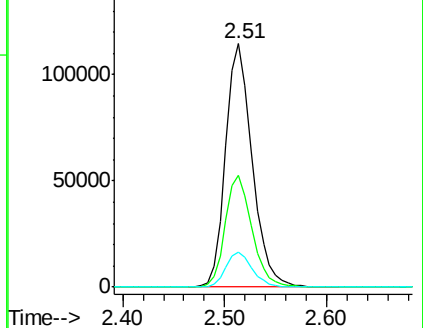
141 14.5 11.3 16.9

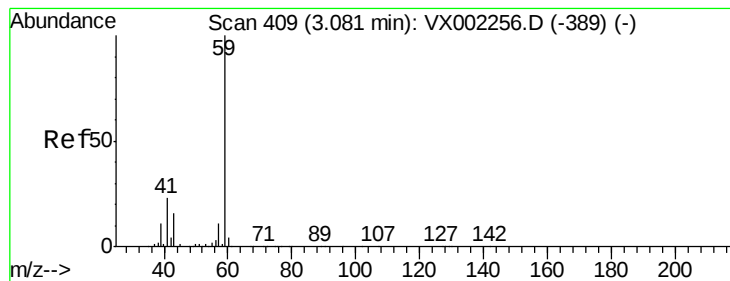


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



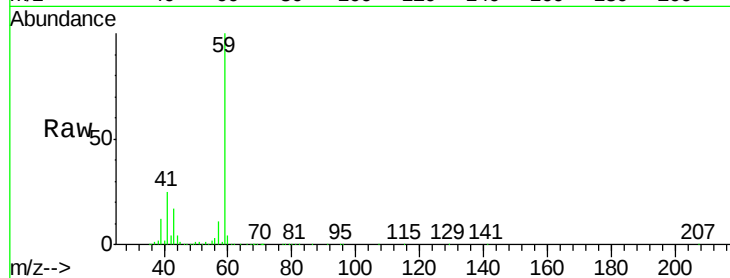


#11

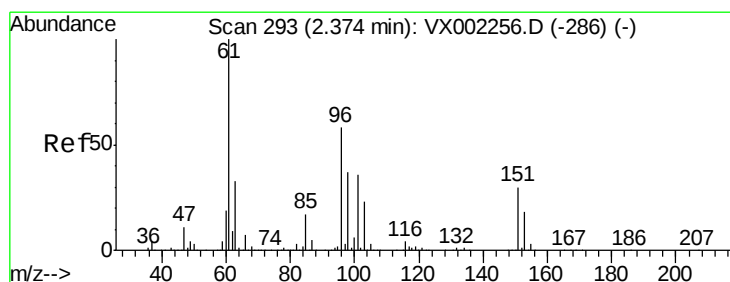
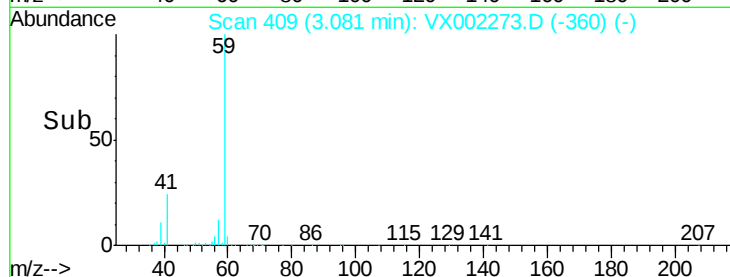
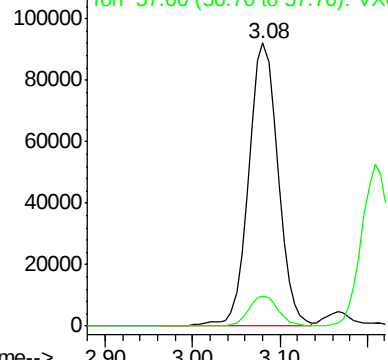
Tert butyl alcohol
Concen: 259.85 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 59 Resp: 215485
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



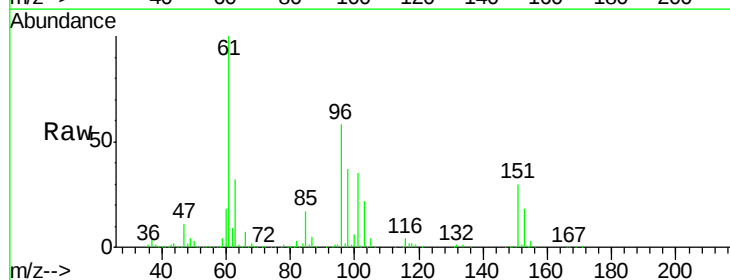
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



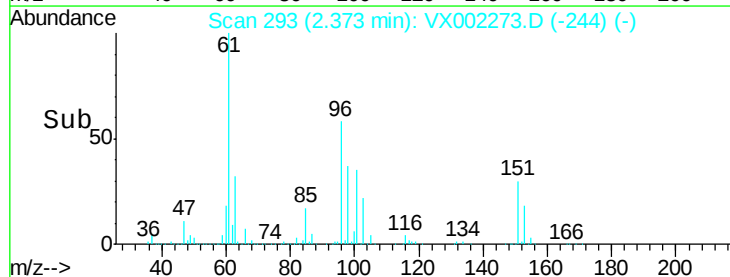
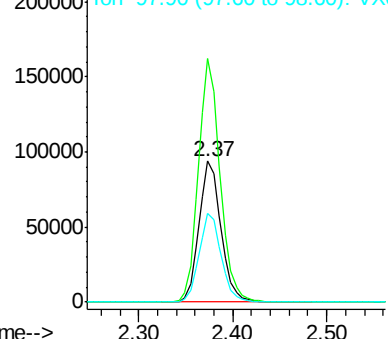
#12

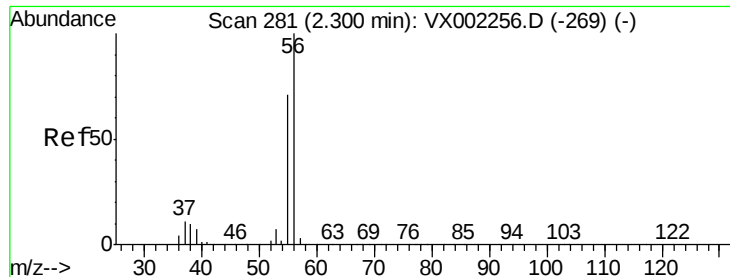
1,1-Dichloroethene
Concen: 50.32 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 96 Resp: 152038
Ion Ratio Lower Upper
96 100
61 173.1 137.9 206.9
98 63.3 51.6 77.4



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





#13

Acrolein

Concen: 252.36 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

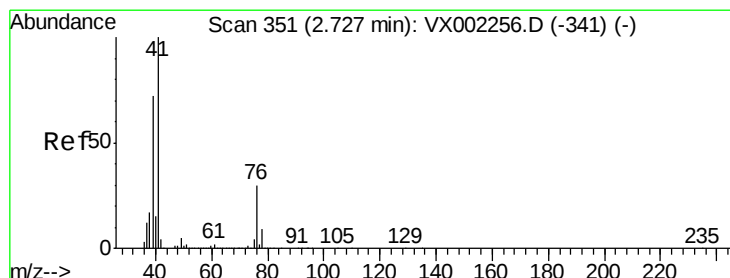
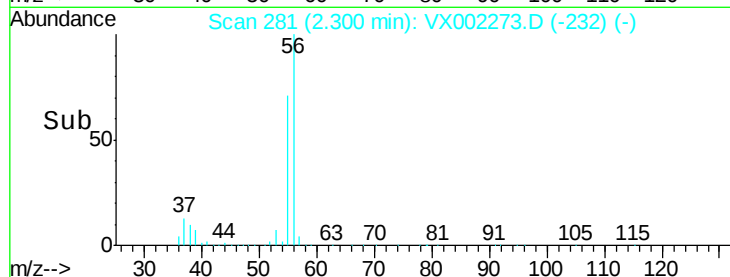
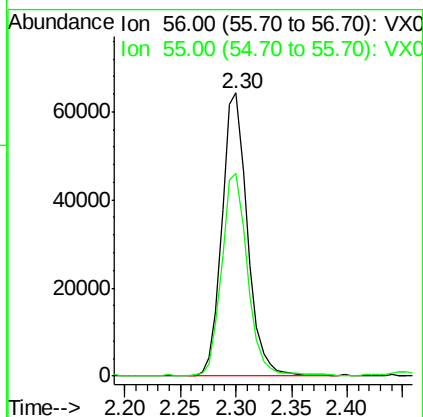
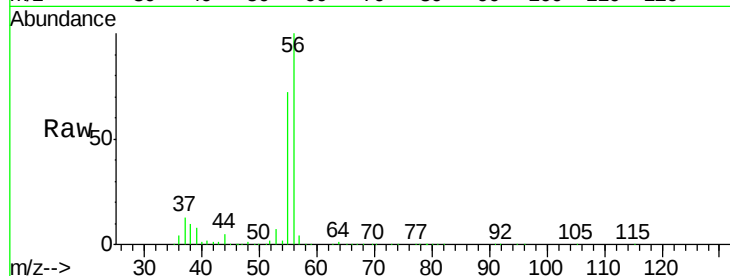
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 101654

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 46.57 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

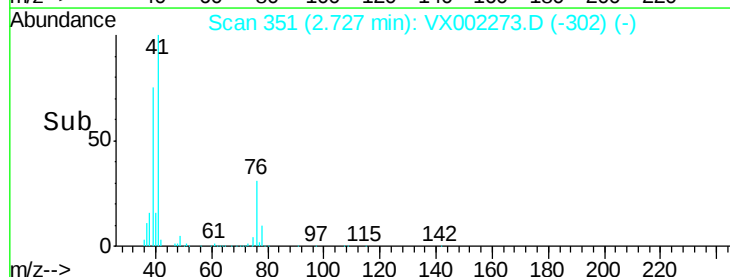
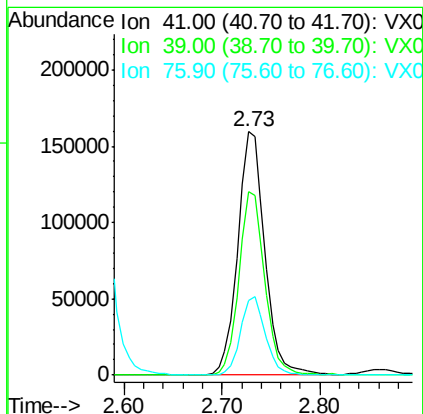
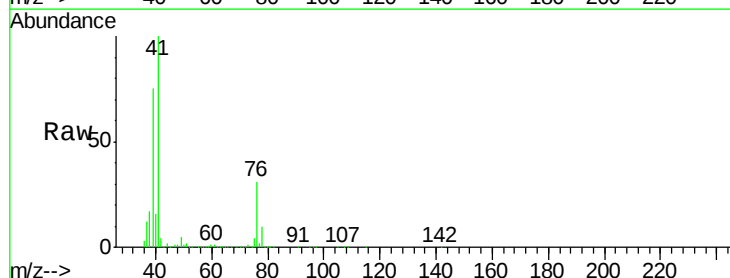
Tgt Ion: 41 Resp: 305319

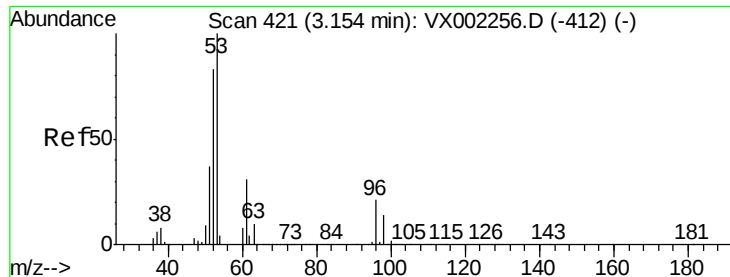
Ion Ratio Lower Upper

41 100

39 71.9 56.8 85.2

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 265.79 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :

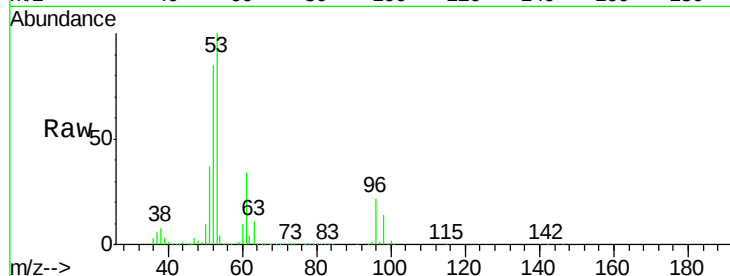
Tot Ion: 53 Resp: 458032

Ion Ratio Lower Upper

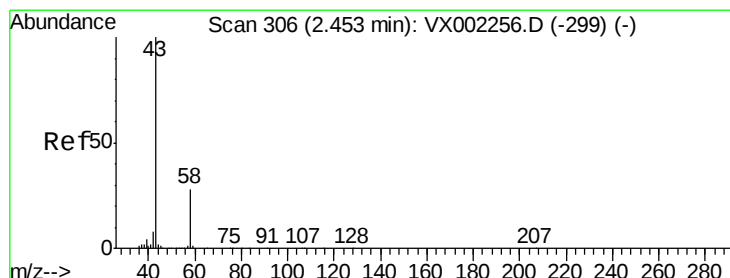
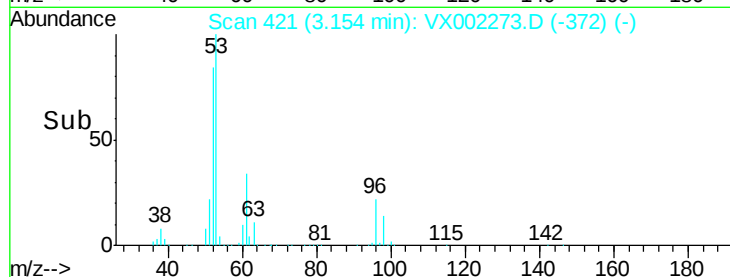
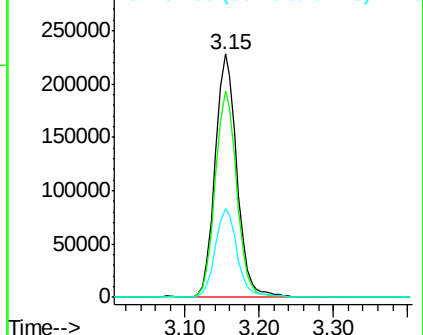
53 100

52 84.0 66.7 100.1

51 36.9 29.9 44.9



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



#16

Acetone

Concen: 250.59 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002273.D

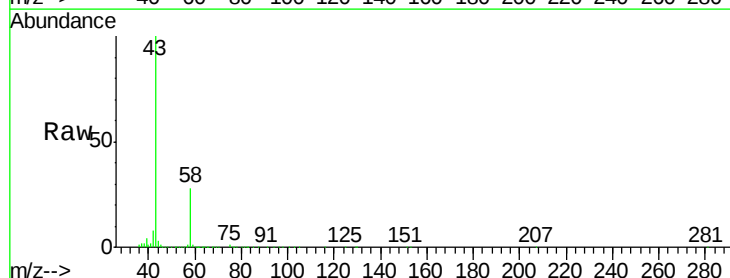
Acq: 04 Jun 2018 21:00

Tgt Ion: 43 Resp: 437308

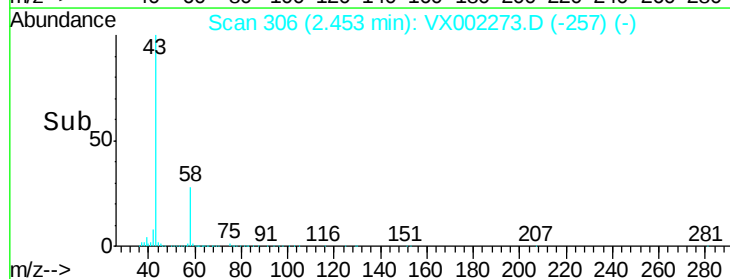
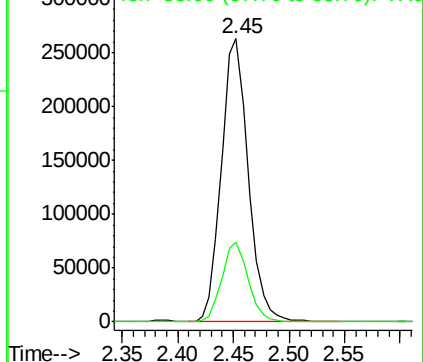
Ion Ratio Lower Upper

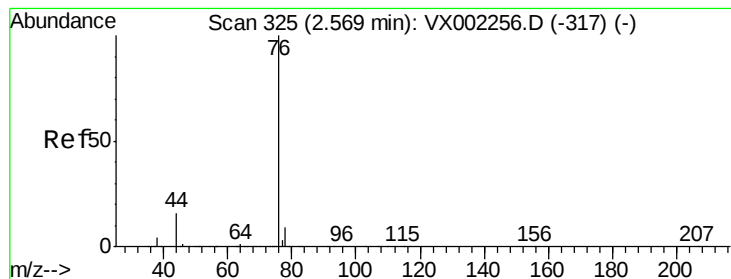
43 100

58 28.3 22.1 33.1



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





#17

Carbon Disulfide

Concen: 46.72 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

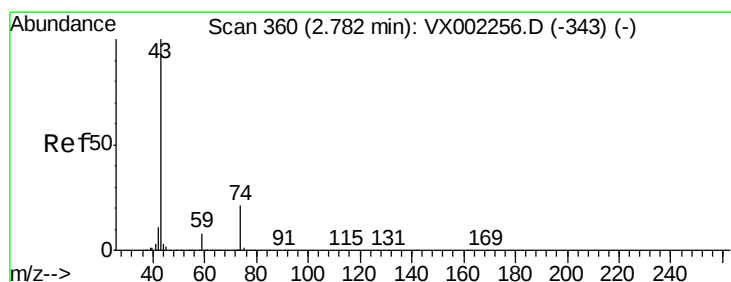
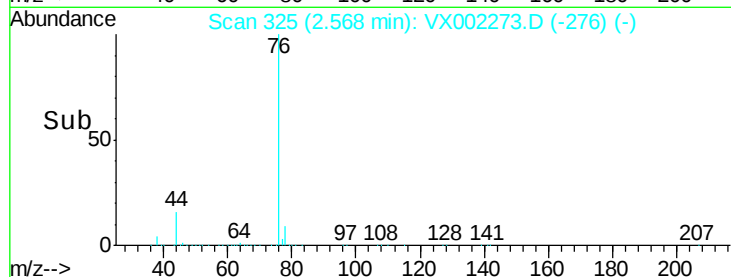
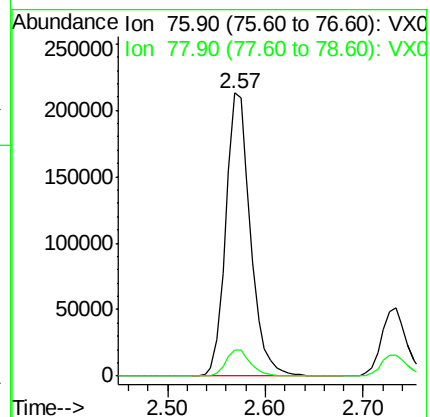
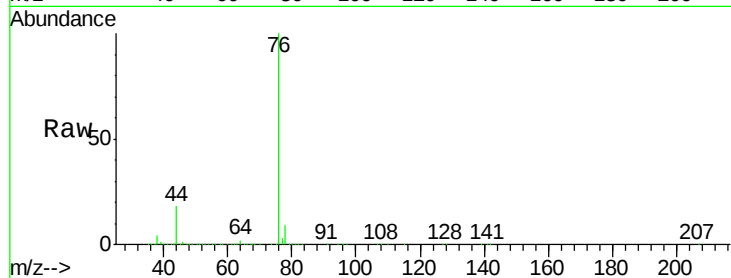
ClientSampleId :

Tot Ion: 76 Resp: 372067

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3



#18

Methyl Acetate

Concen: 54.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002273.D

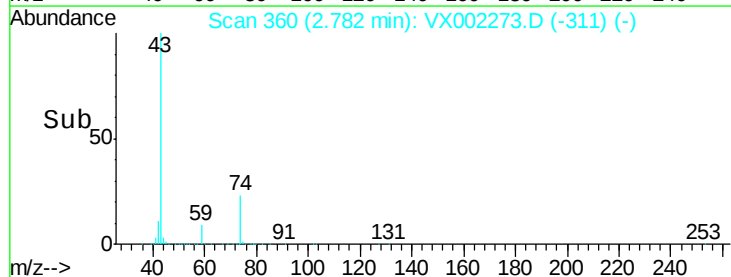
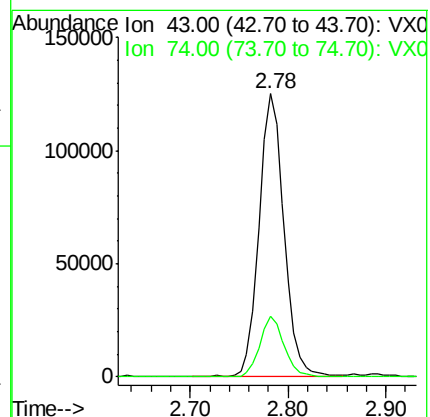
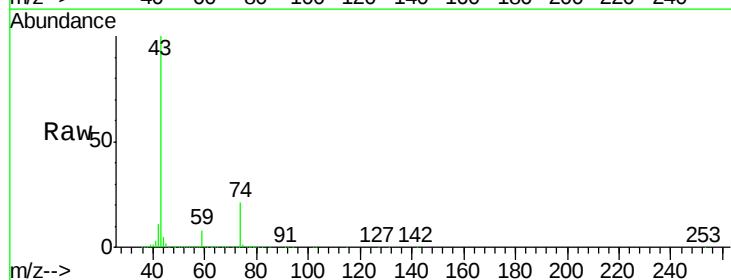
Acq: 04 Jun 2018 21:00

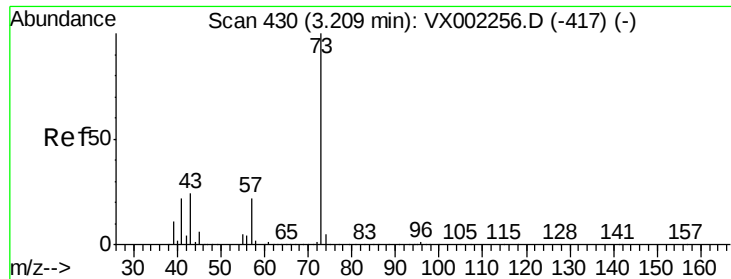
Tgt Ion: 43 Resp: 221699

Ion Ratio Lower Upper

43 100

74 21.4 16.7 25.1

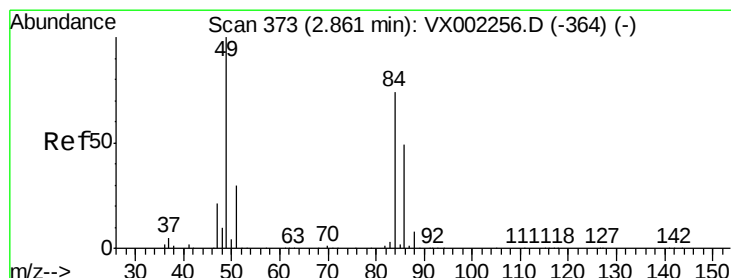
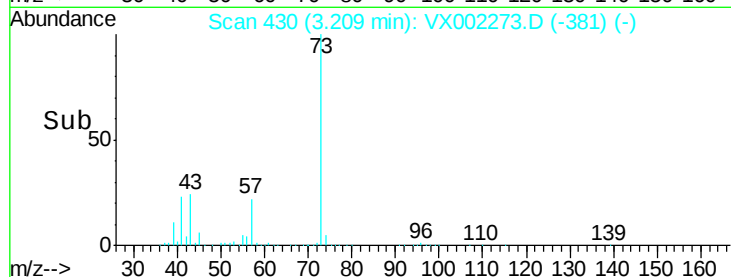
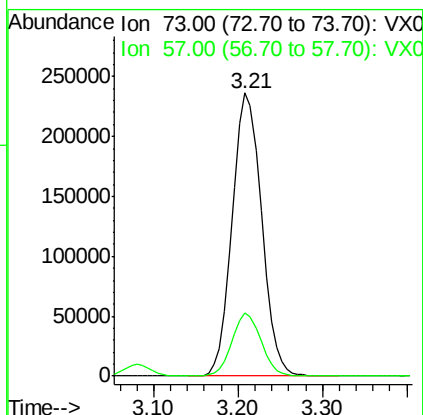
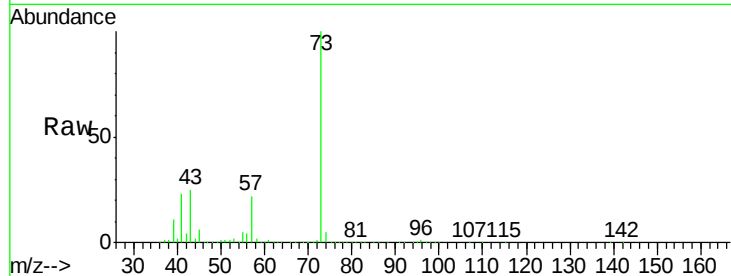




#19
Methyl tert-butyl Ether
Concen: 53.22 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

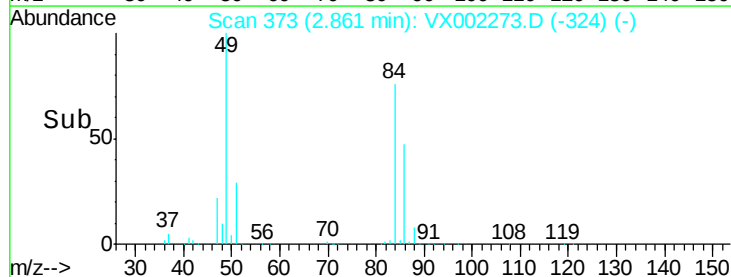
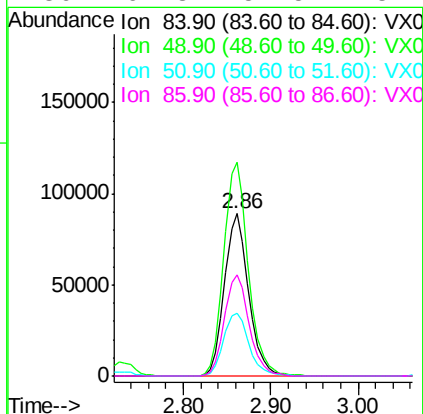
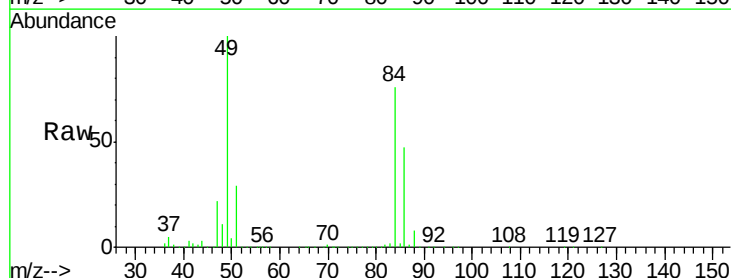
Instrument :
MSVOA_X
ClientSampled :

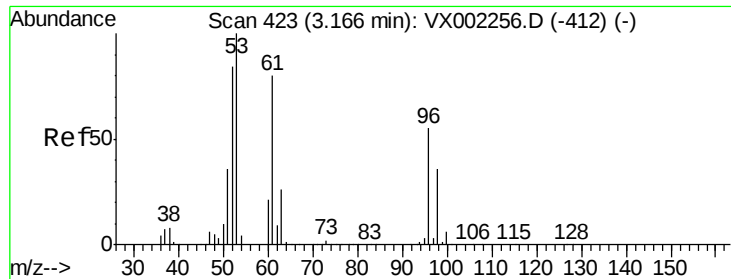
Tot Ion: 73 Resp: 558306
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 53.23 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 84 Resp: 170250
Ion Ratio Lower Upper
84 100
49 131.9 107.8 161.6
51 38.4 32.8 49.2
86 62.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.53 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

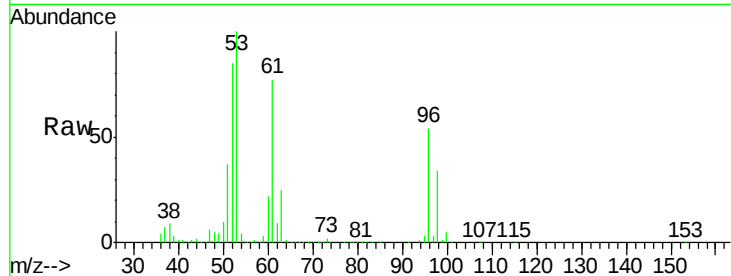
Tot Ion: 96 Resp: 161701

Ion Ratio Lower Upper

96 100

61 140.7 117.0 175.4

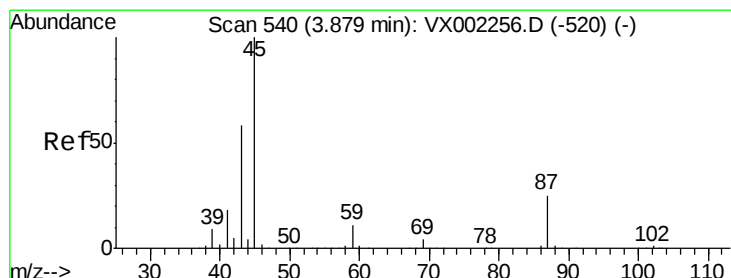
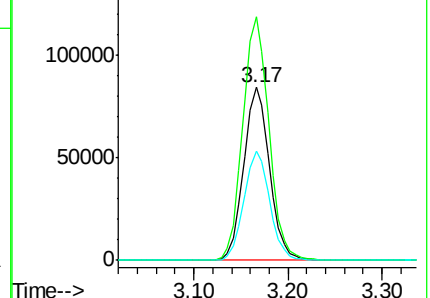
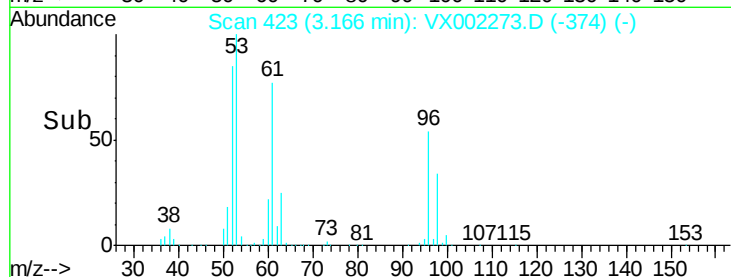
98 63.3 52.4 78.6



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: 50.41 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Tgt Ion: 45 Resp: 552078

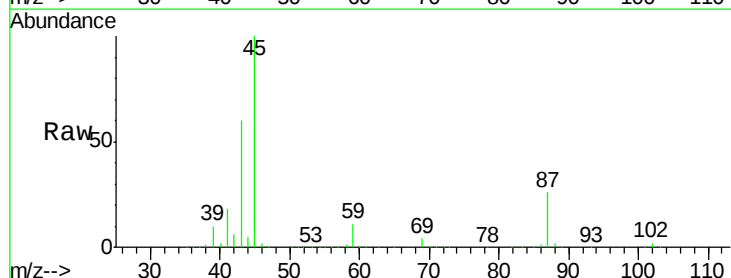
Ion Ratio Lower Upper

45 100

43 60.0 46.8 70.2

87 25.7 20.2 30.4

59 11.1 8.7 13.1

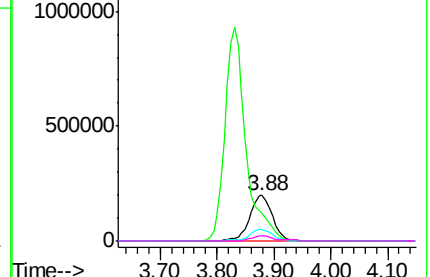
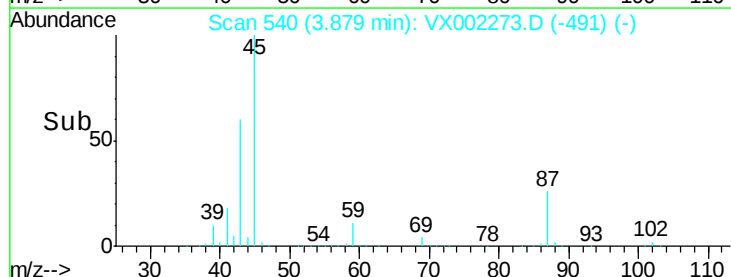


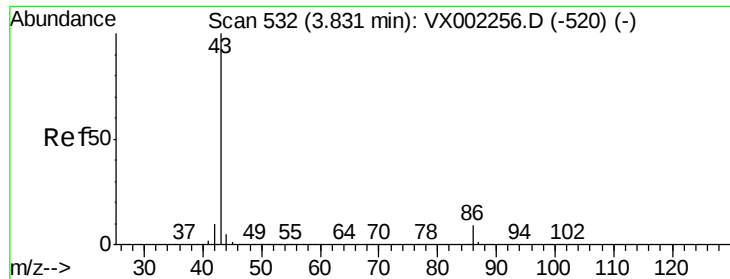
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 224.13 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

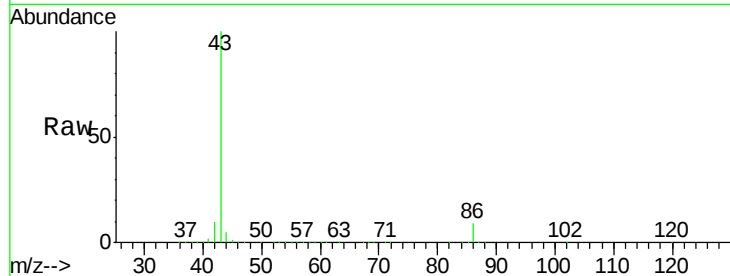
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2382324

Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

1000000

800000

600000

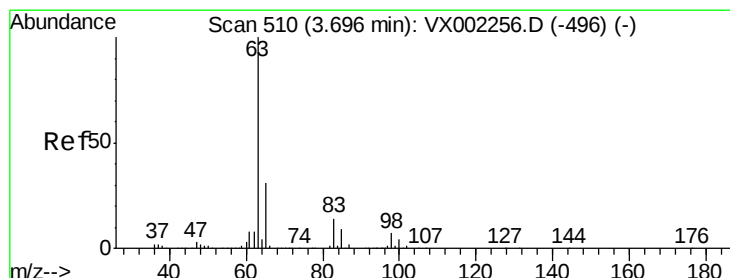
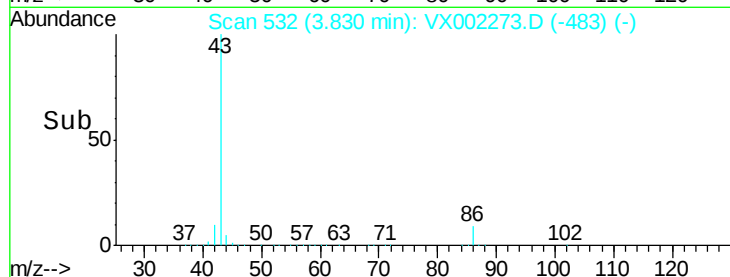
400000

200000

0

Time-->

3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 42.84 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

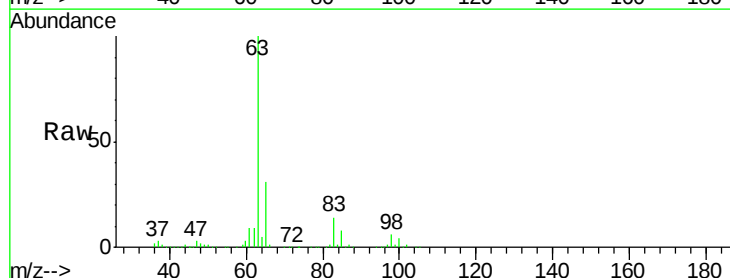
Tgt Ion: 63 Resp: 277587

Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 3.9 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

150000

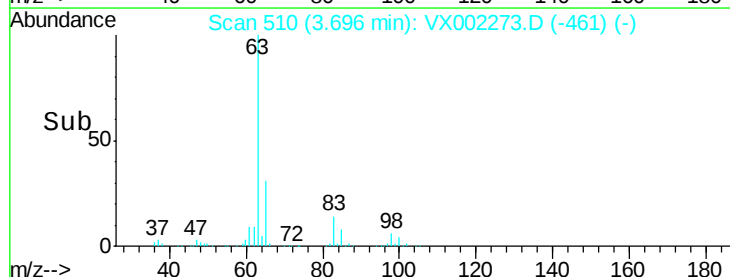
100000

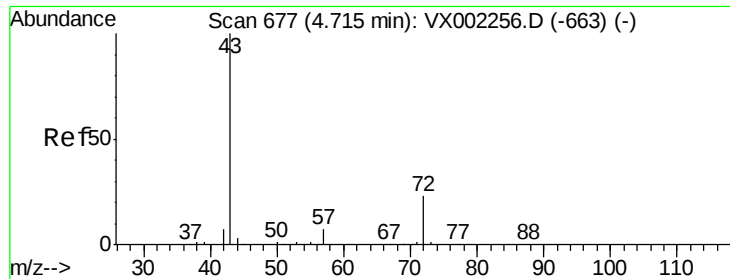
50000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 224.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

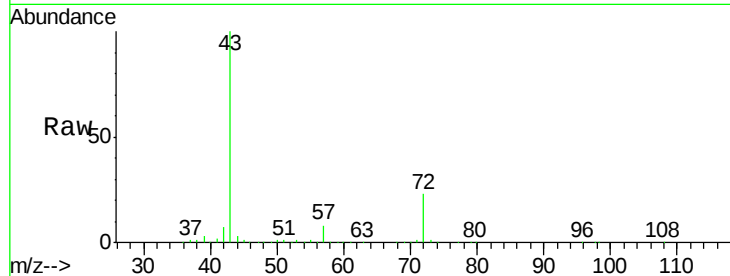
ClientSampled :

Tot Ion: 43 Resp: 625496

Ion Ratio Lower Upper

43 100

72 22.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

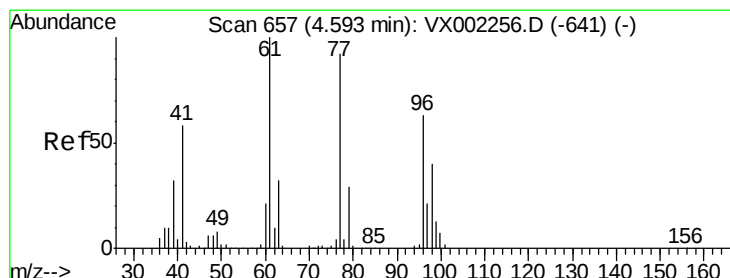
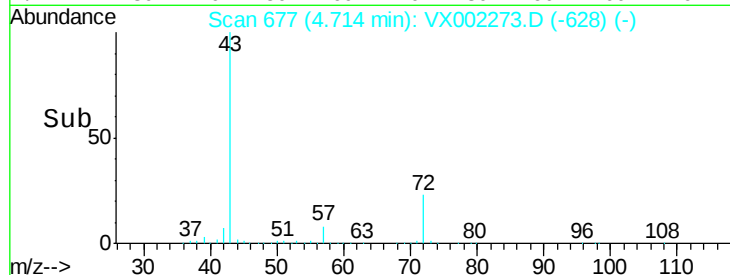
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.99 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002273.D

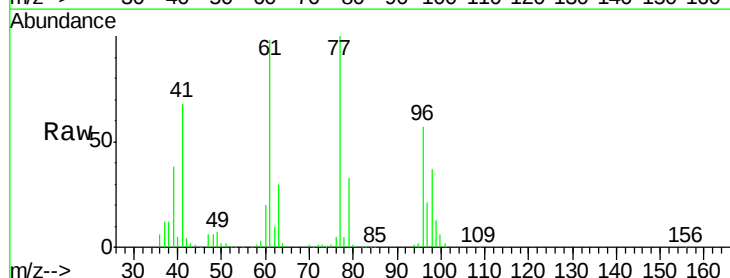
Acq: 04 Jun 2018 21:00

Tgt Ion: 77 Resp: 212706

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

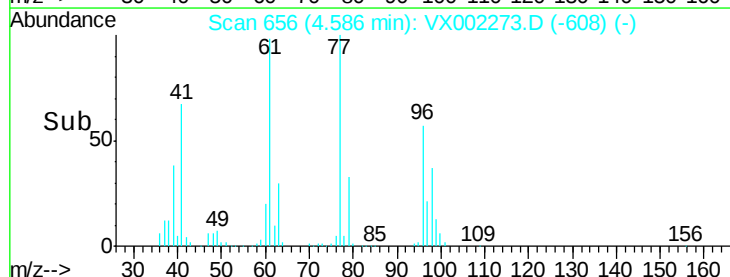
40000

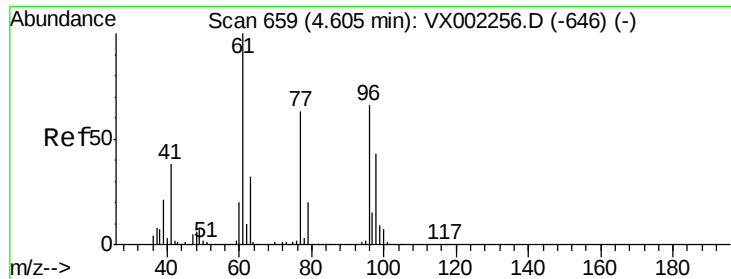
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.56 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

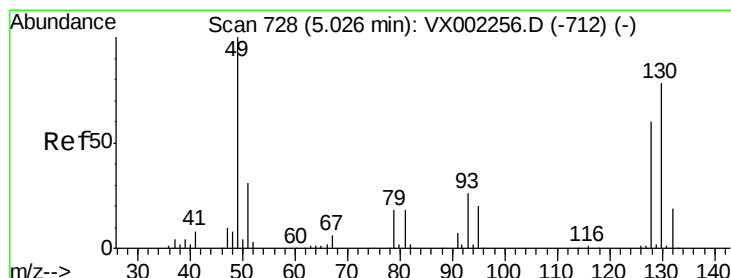
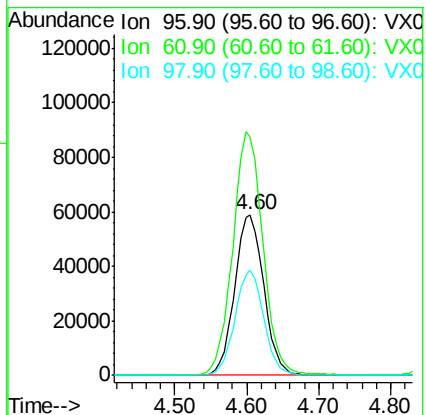
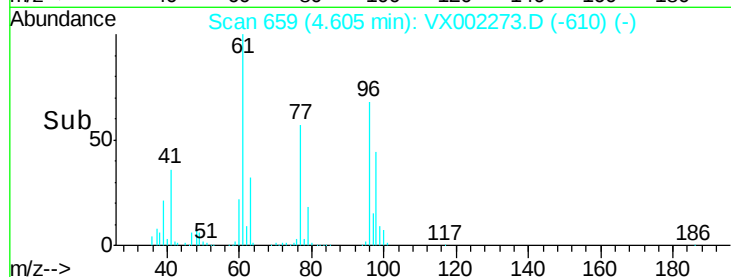
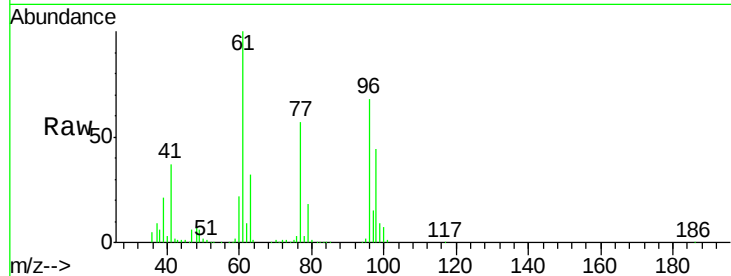
Tot Ion: 96 Resp: 165092

Ion Ratio Lower Upper

96 100

61 158.4 0.0 330.2

98 64.6 0.0 130.2



#28

Bromochloromethane

Concen: 52.70 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

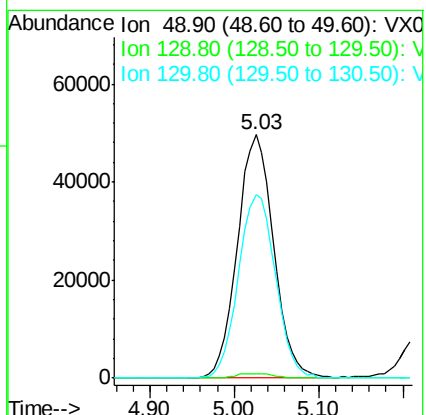
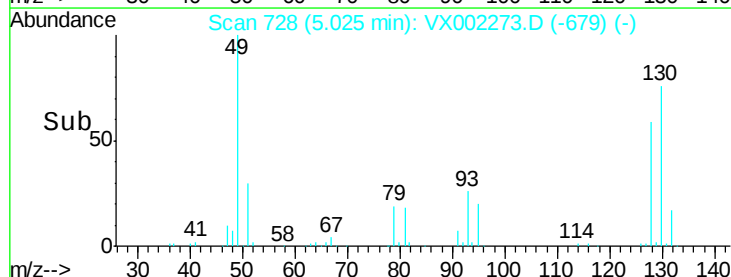
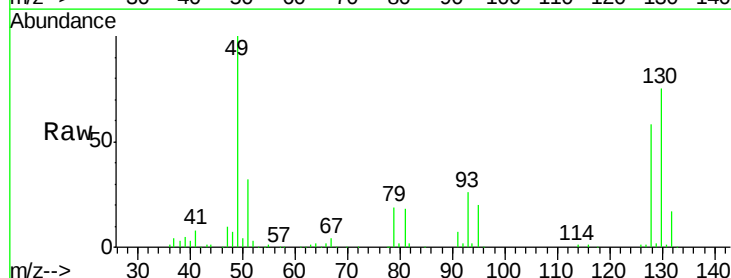
Tgt Ion: 49 Resp: 144721

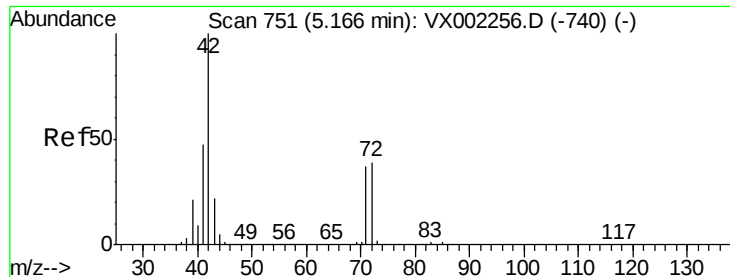
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 77.6 61.2 91.8





#29

Tetrahydrofuran

Concen: 230.42 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

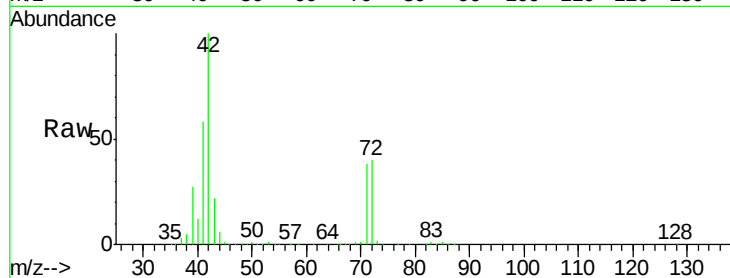
Tot Ion: 42 Resp: 413400

Ion Ratio Lower Upper

42 100

72 40.8 32.0 48.0

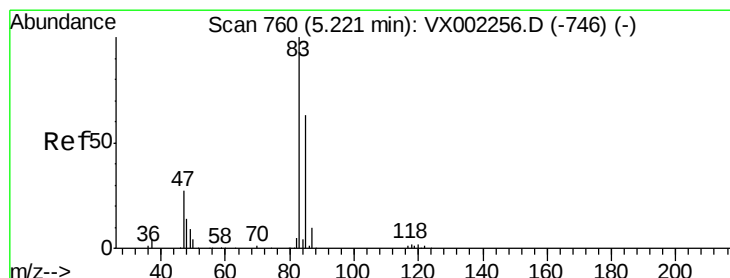
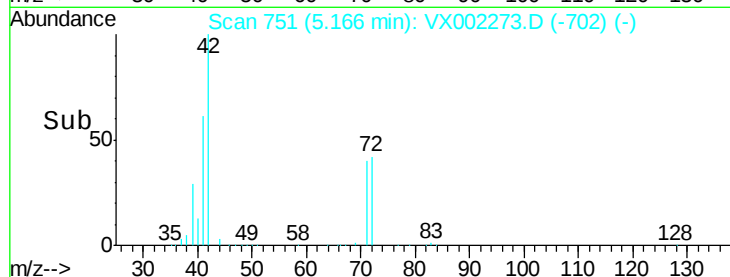
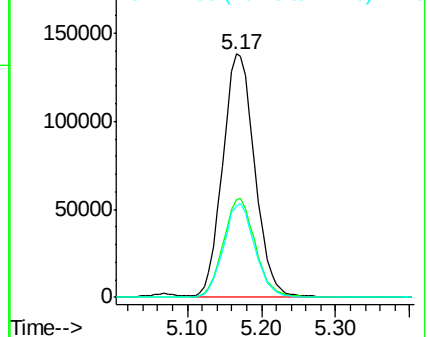
71 37.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.99 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002273.D

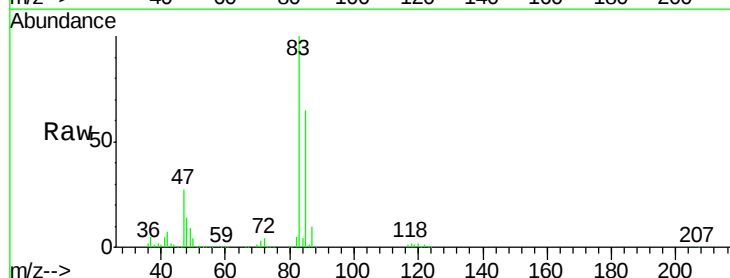
Acq: 04 Jun 2018 21:00

Tgt Ion: 83 Resp: 293845

Ion Ratio Lower Upper

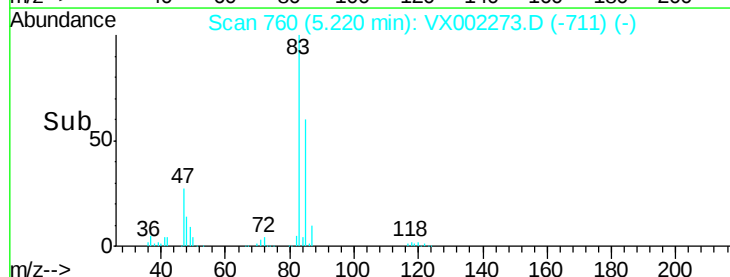
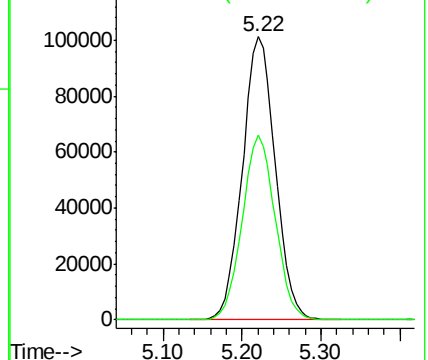
83 100

85 65.5 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.44 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

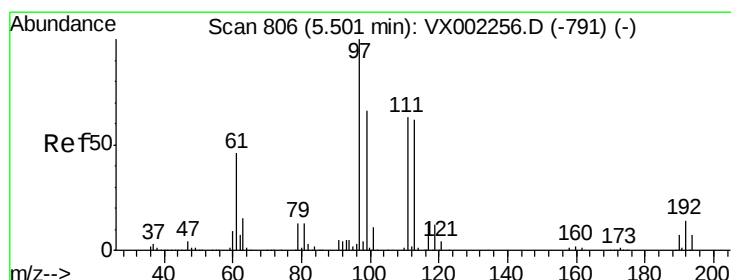
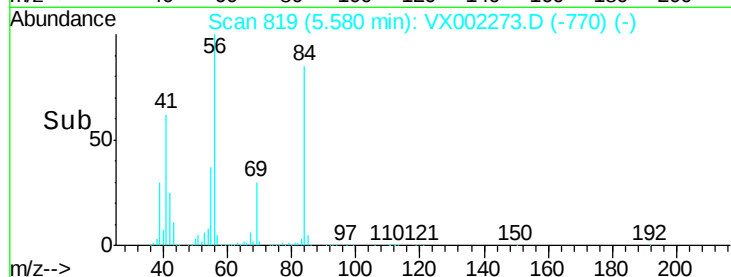
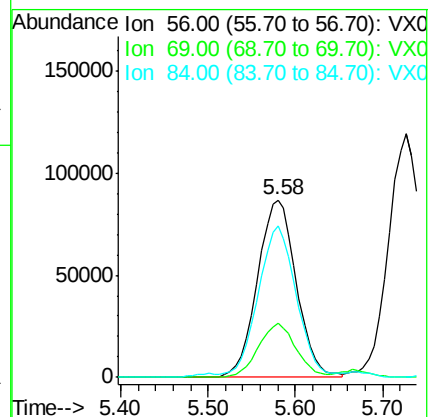
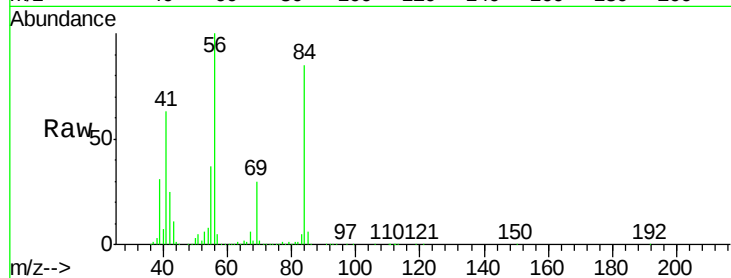
Tot Ion: 56 Resp: 268738

Ion Ratio Lower Upper

56 100

69 30.3 23.7 35.5

84 84.0 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 49.12 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

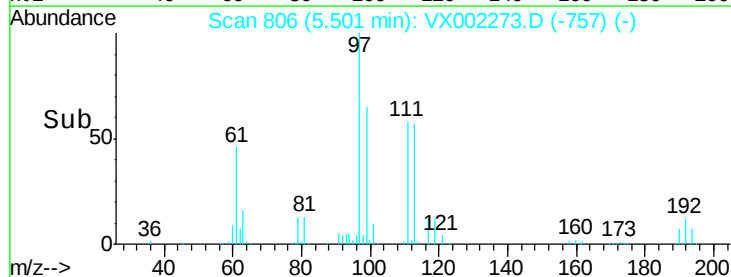
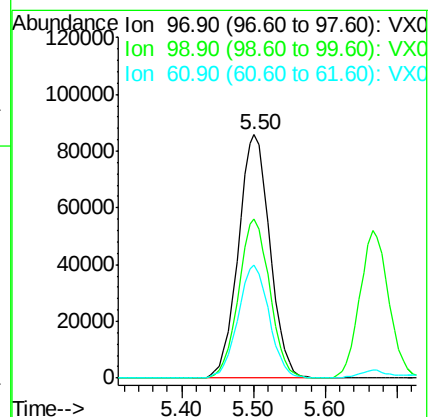
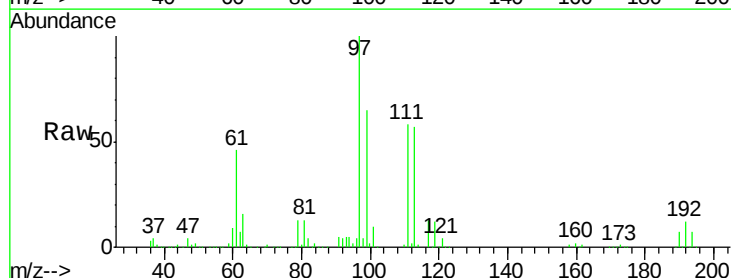
Tgt Ion: 97 Resp: 260514

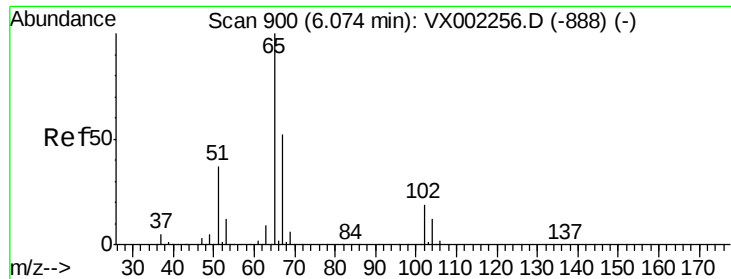
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 46.0 36.4 54.6

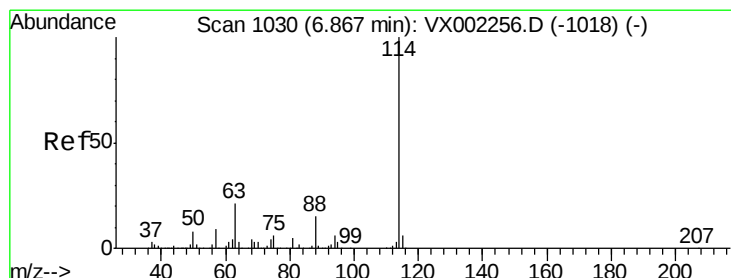
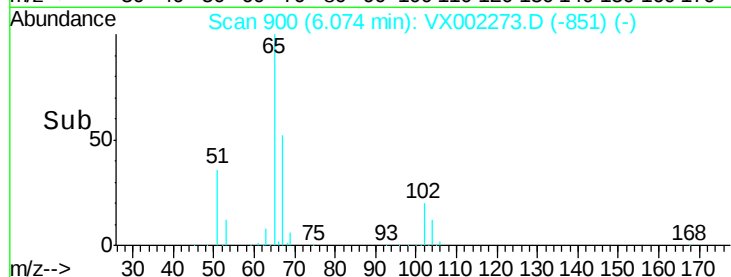
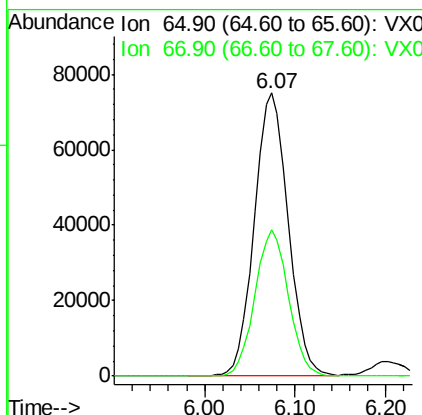
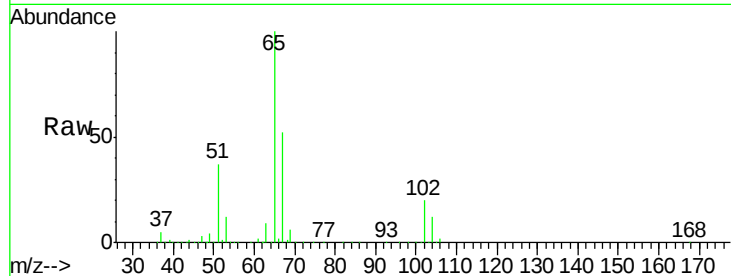




#33
 1,2-Dichloroethane-d4
 Concen: 47.70 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

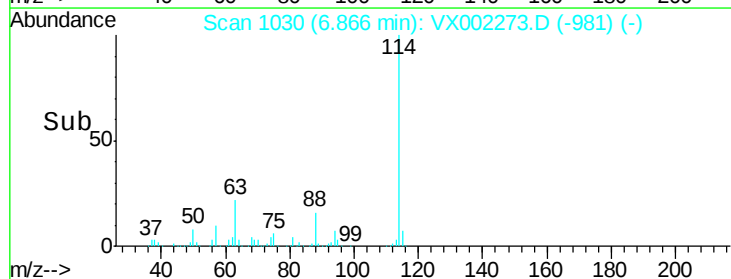
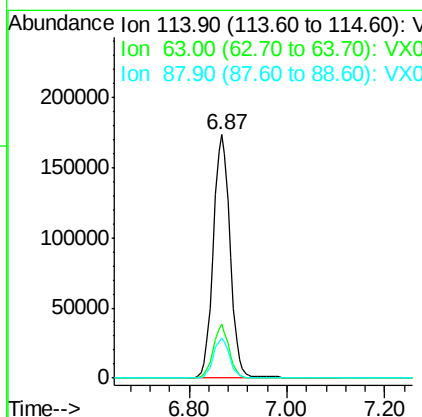
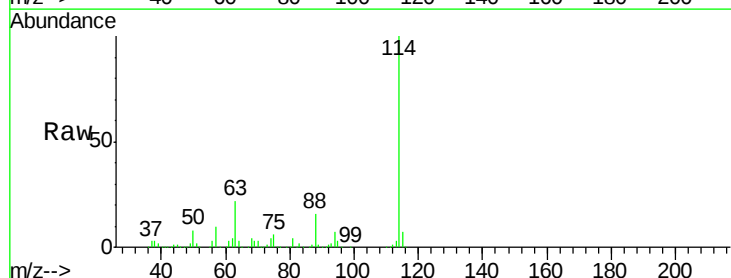
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 194223
 Ion Ratio Lower Upper
 65 100
 67 51.2 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: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion: 114 Resp: 414749
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.4
 88 16.2 0.0 30.0

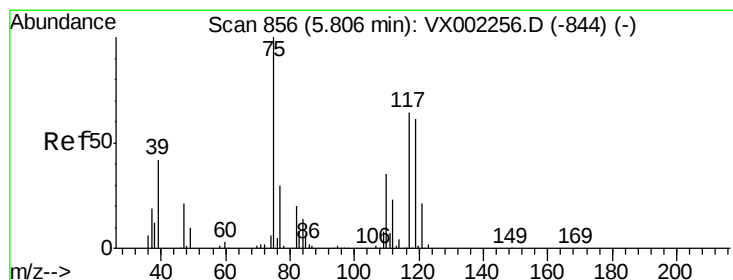
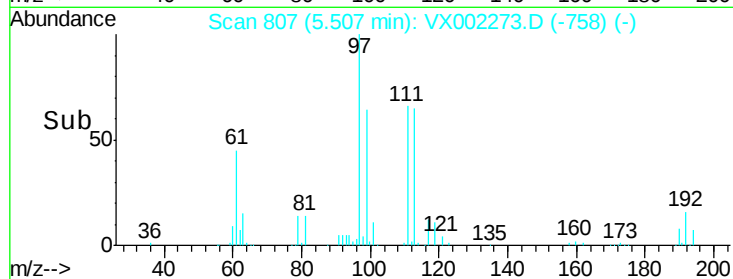
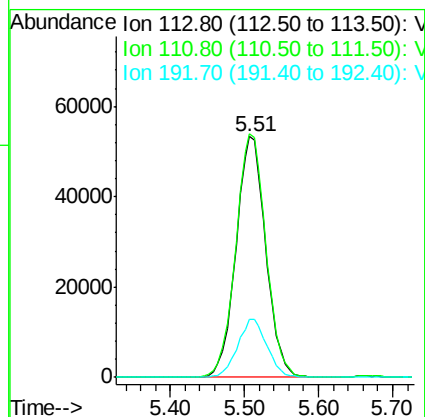
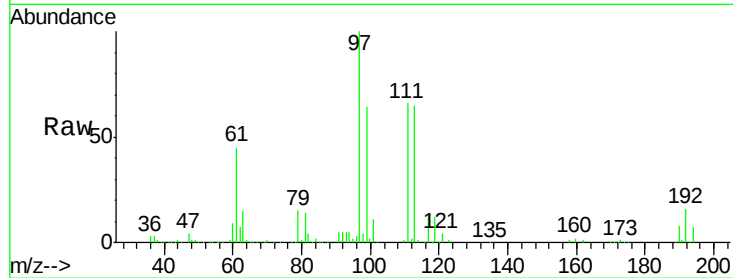




#35
 Dibromofluoromethane
 Concen: 45.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

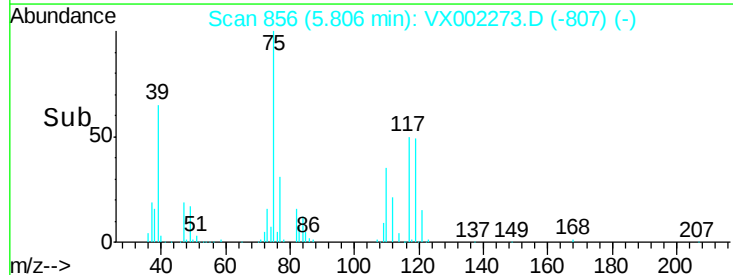
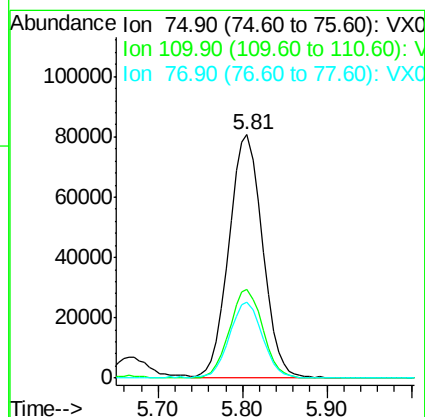
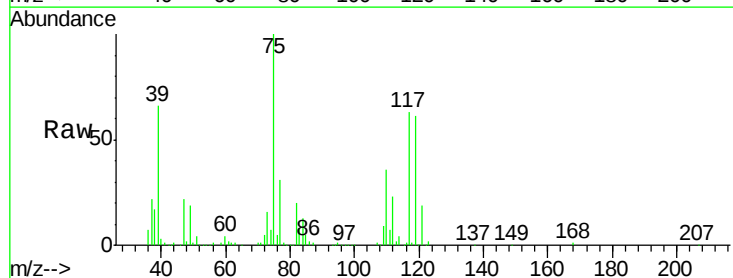
Instrument :
 MSVOA_X
 ClientSampleId :

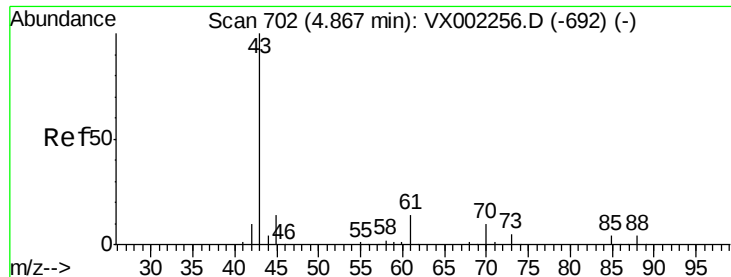
Tot Ion:113 Resp: 149164
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 49.65 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion: 75 Resp: 216468
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.1 54.4
 77 30.6 24.3 36.5

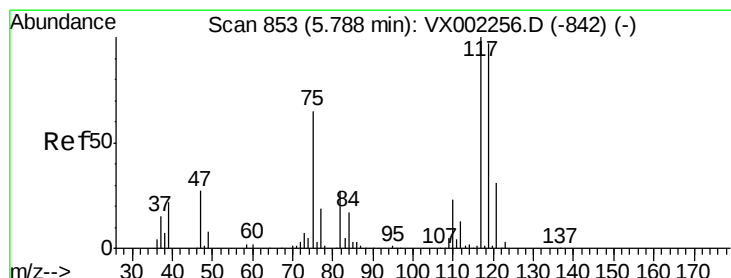
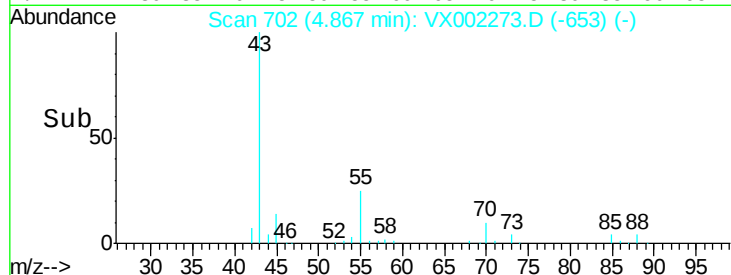
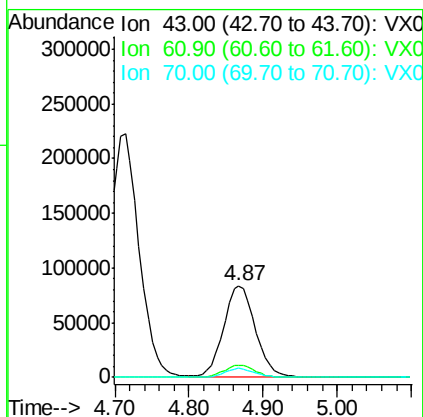
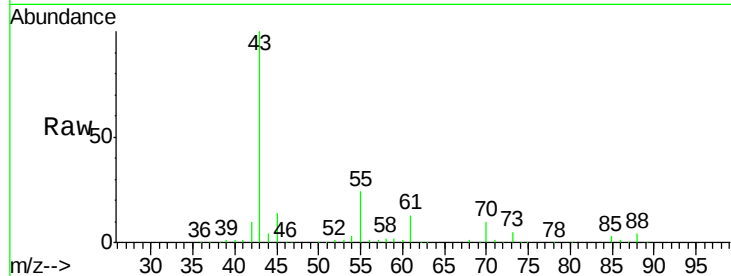




#37
Ethyl Acetate
Concen: 47.28 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

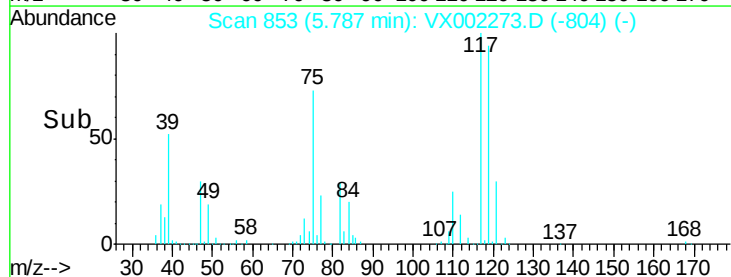
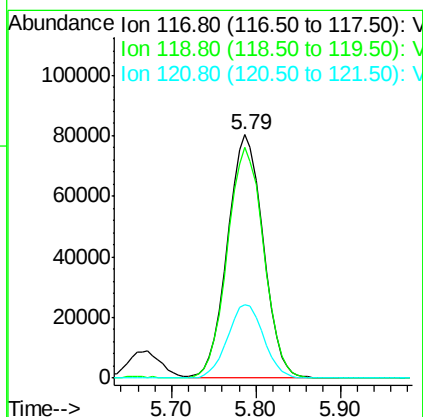
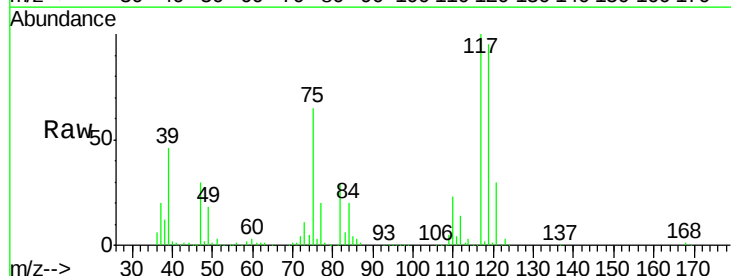
Instrument :
MSVOA_X
ClientSampled :

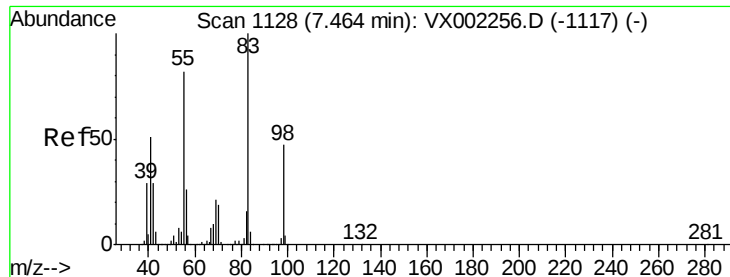
Tot Ion: 43 Resp: 247904
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 50.61 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 117 Resp: 230847
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
121 30.0 24.4 36.6

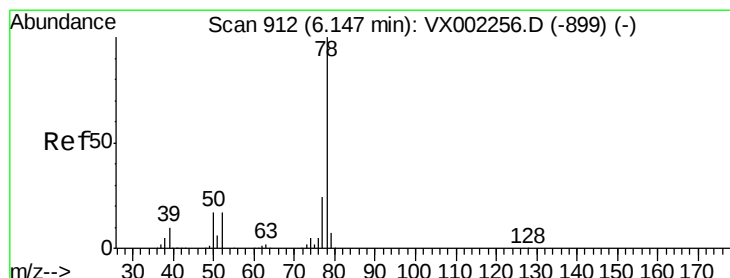
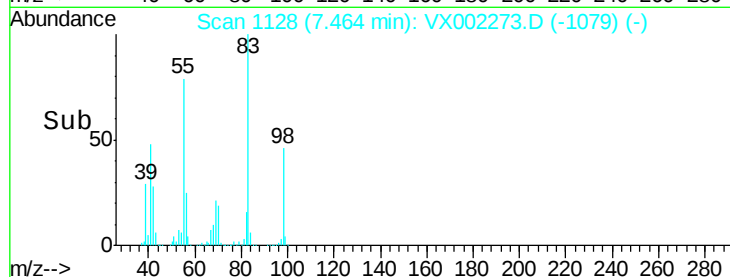
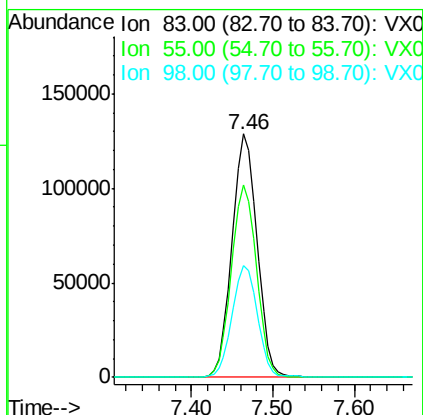
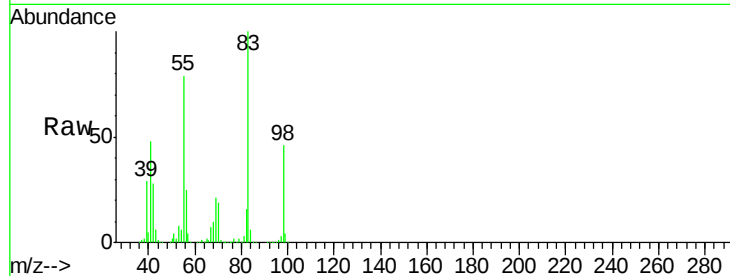




#39
Methvlcvclohexane
Concen: 50.65 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

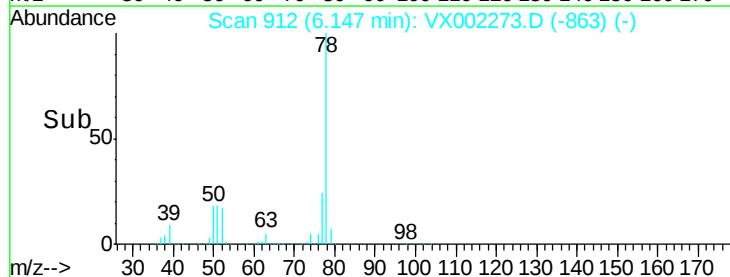
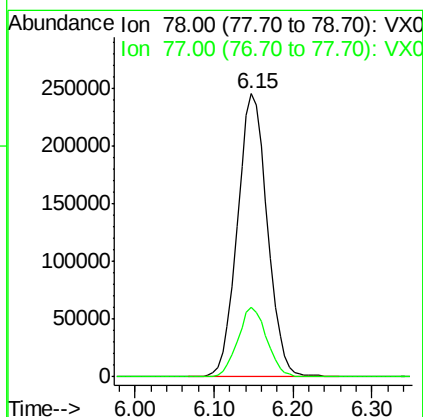
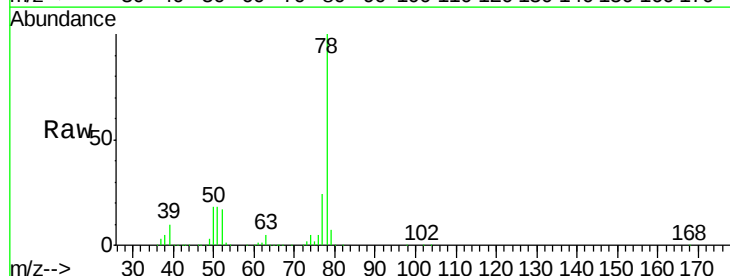
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 272861
Ion Ratio Lower Upper
83 100
55 79.0 65.4 98.0
98 45.8 37.4 56.0



#40
Benzene
Concen: 48.39 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 78 Resp: 646948
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

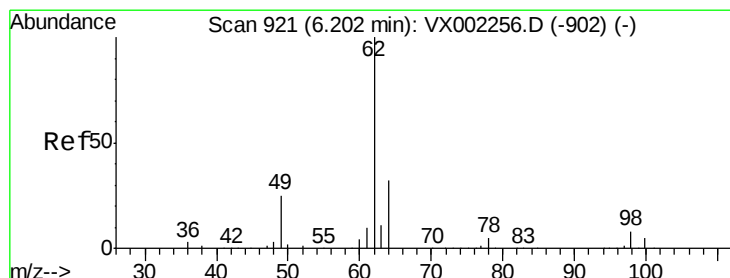
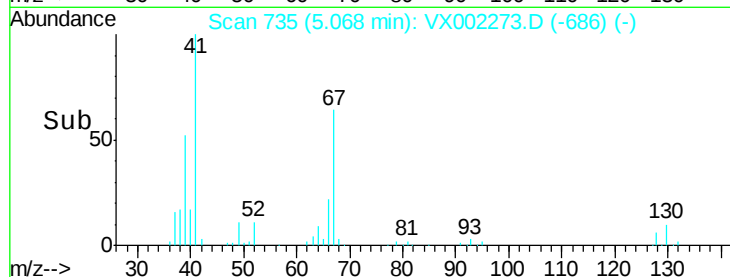
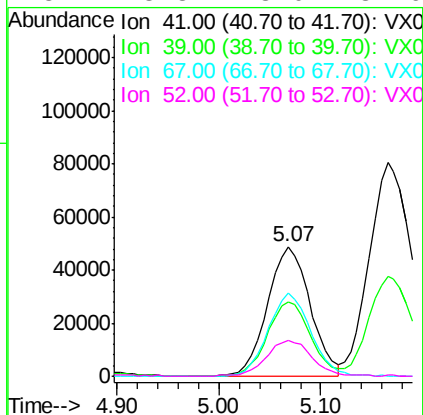
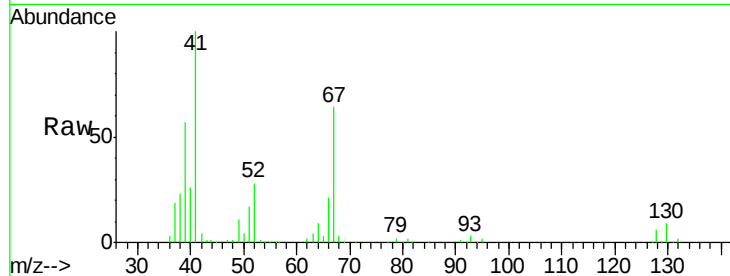




#41
Methacrylonitrile
Concen: 47.12 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

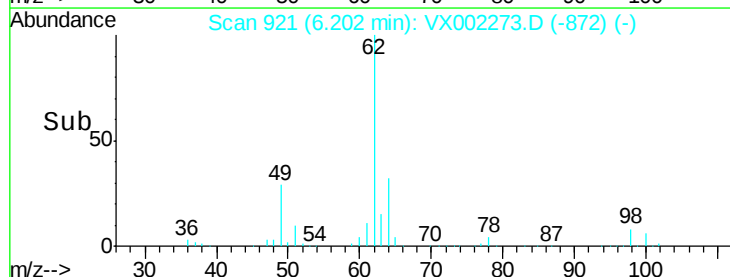
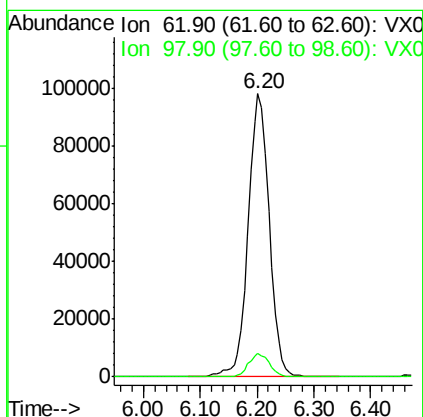
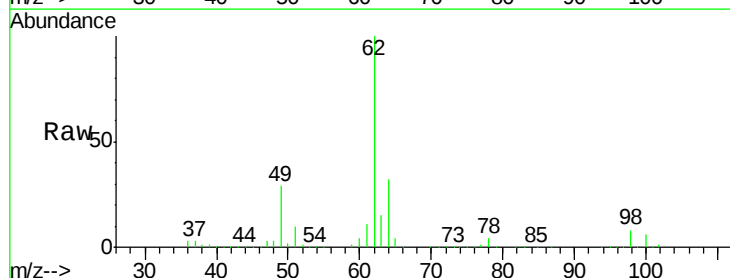
Instrument :
MSVOA_X
ClientSampled :

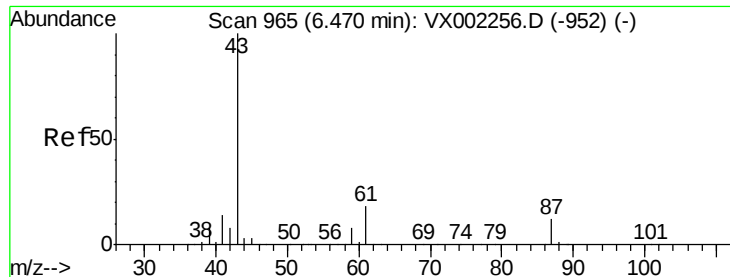
Tot Ion:	41	Resp:	141430
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.8	68.6
67	64.4	51.3	76.9
52	28.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 47.59 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion:	62	Resp:	252794
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6



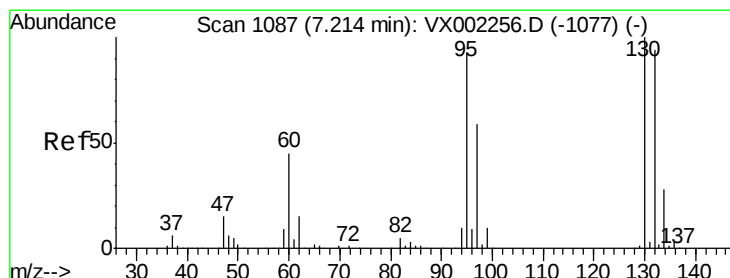
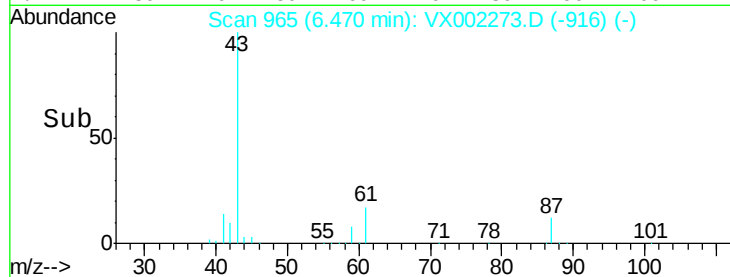
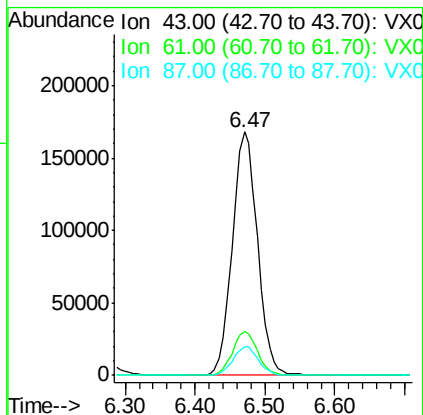
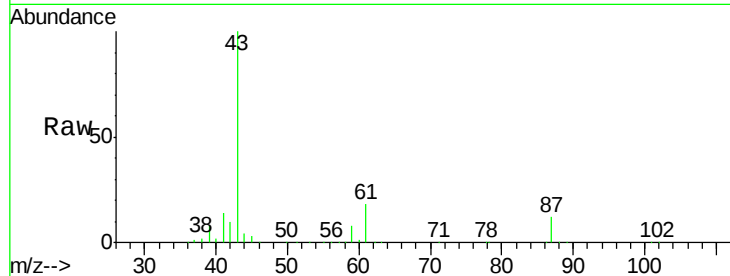


#43

Isopropyl Acetate
 Concen: 46.88 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :

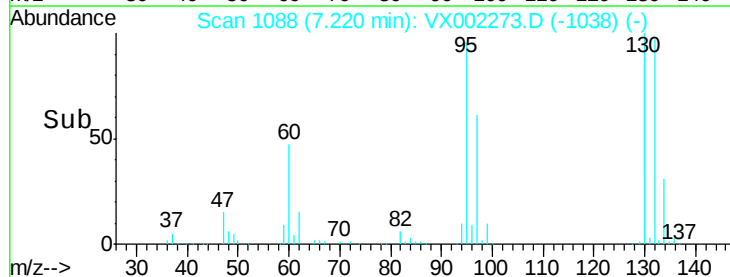
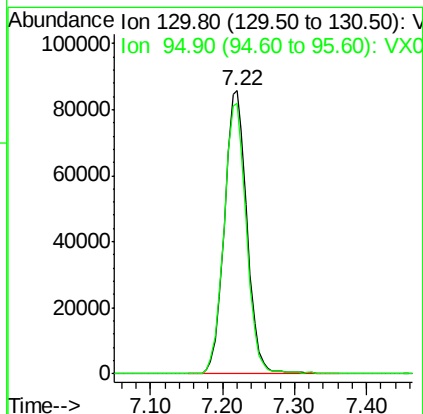
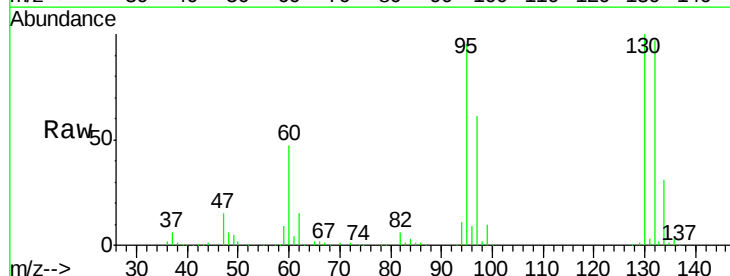
Tot Ion	43	Resp	417555
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.4	21.6
87	11.8	9.5	14.3

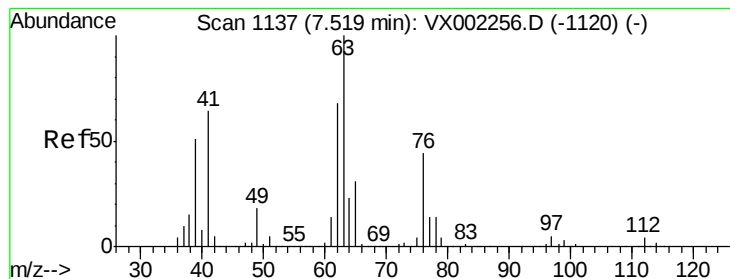


#44

Trichloroethene
 Concen: 50.26 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	130	Resp	186471
Ion Ratio	Lower	Upper	
130	100		
95	95.4	0.0	185.4





#45

1,2-Dichloropropane

Concen: 47.46 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

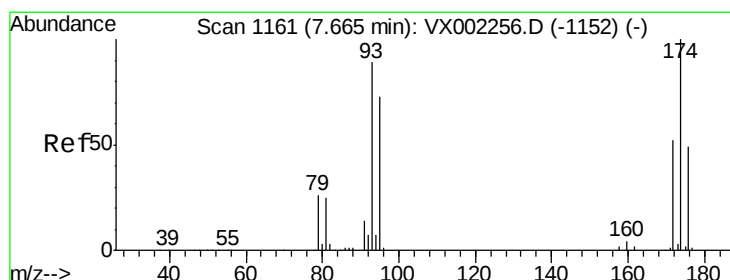
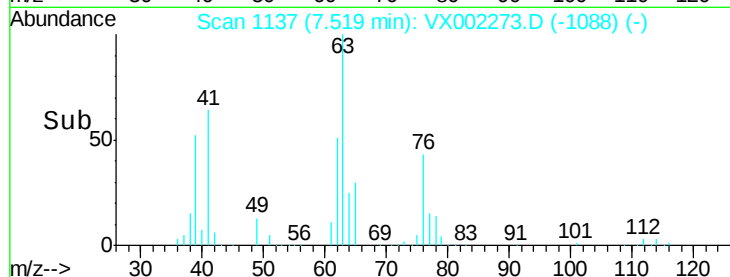
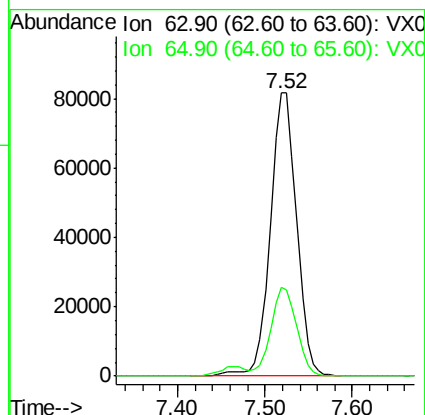
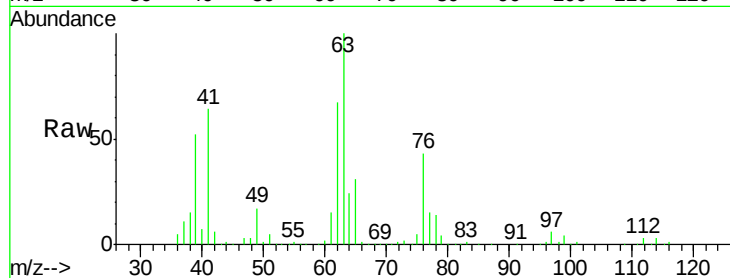
ClientSampled :

Tot Ion: 63 Resp: 171285

Ion Ratio Lower Upper

63 100

65 31.4 24.7 37.1



#46

Dibromomethane

Concen: 46.95 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

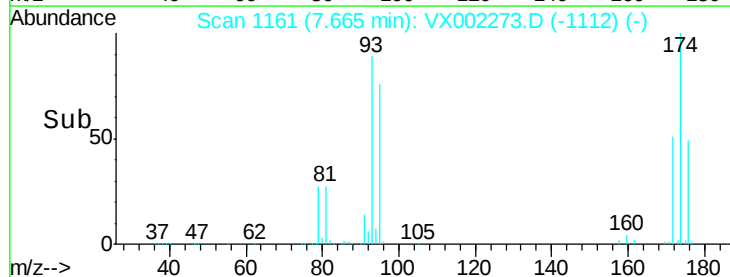
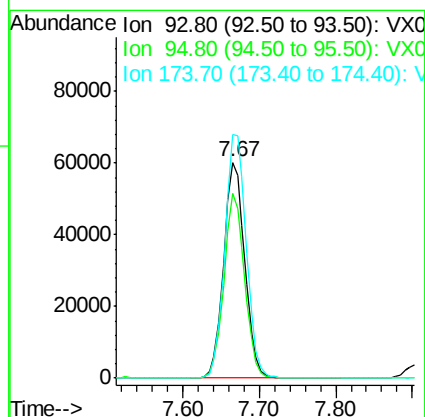
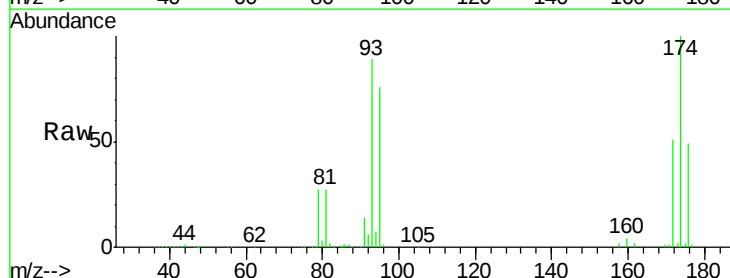
Tgt Ion: 93 Resp: 114860

Ion Ratio Lower Upper

93 100

95 83.4 65.9 98.9

174 114.8 92.4 138.6





#47

Bromodichloromethane

Concen: 48.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampled :

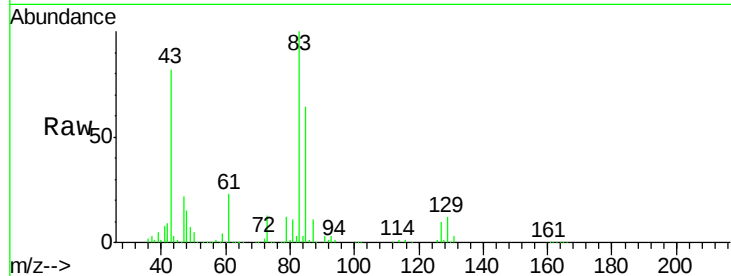
Tot Ion: 83 Resp: 213538

Ion Ratio Lower Upper

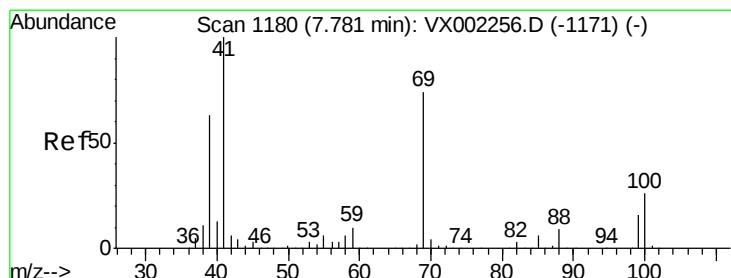
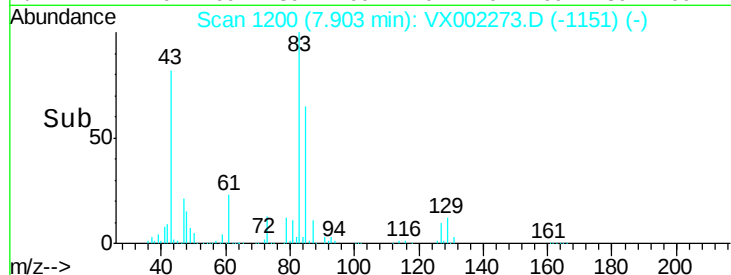
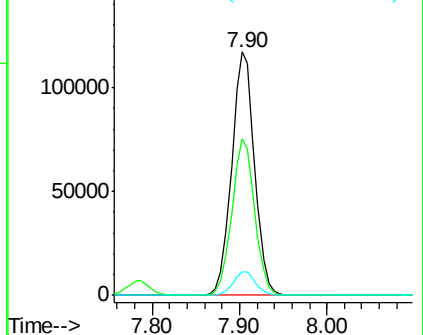
83 100

85 64.5 50.3 75.5

127 9.6 7.0 10.4



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



#48

Methyl methacrylate

Concen: 47.54 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

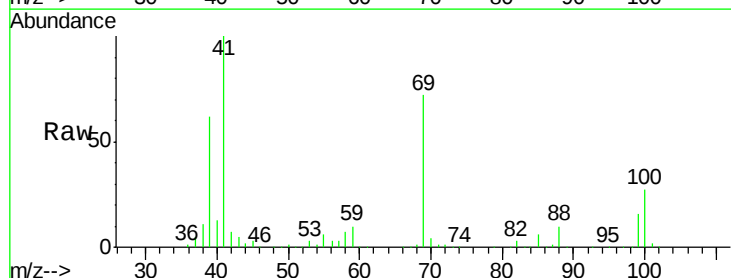
Tgt Ion: 41 Resp: 212667

Ion Ratio Lower Upper

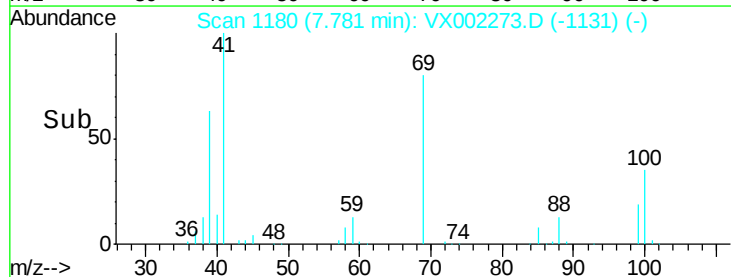
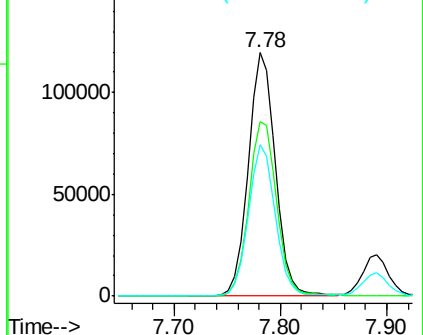
41 100

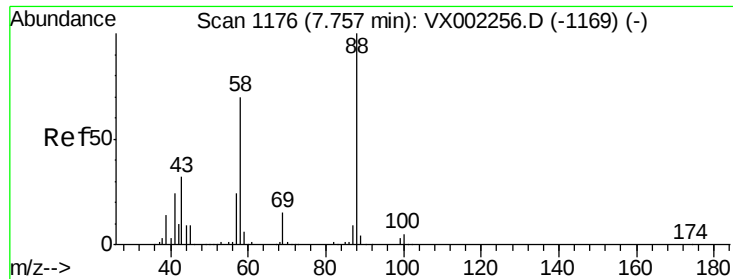
69 74.9 59.1 88.7

39 61.9 48.9 73.3



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

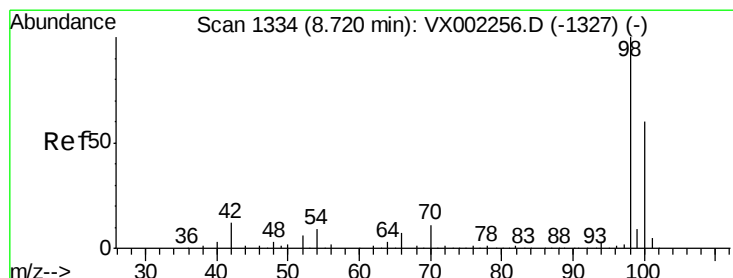
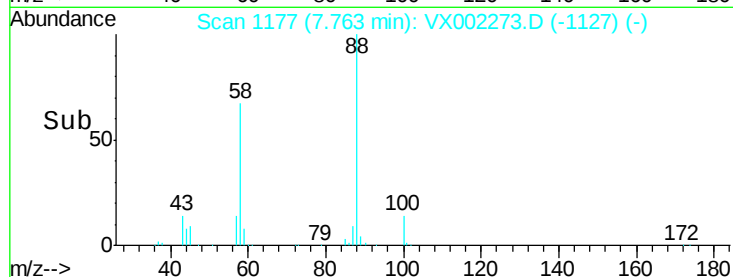
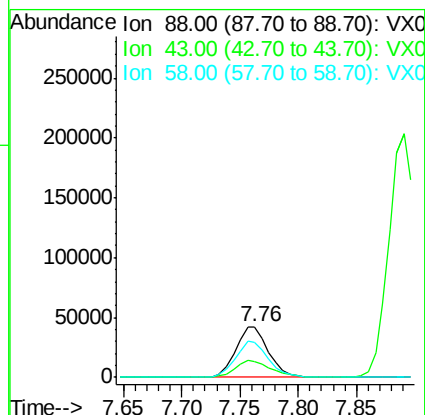
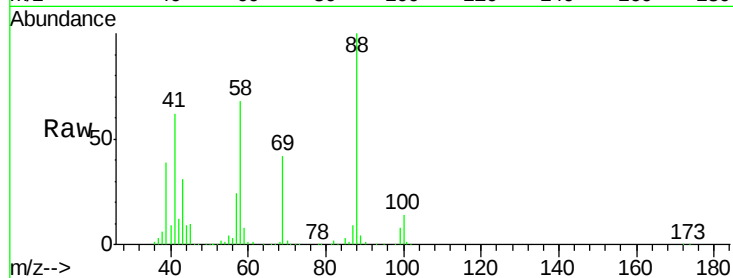




#49
1,4-Dioxane
Concen: 972.01 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

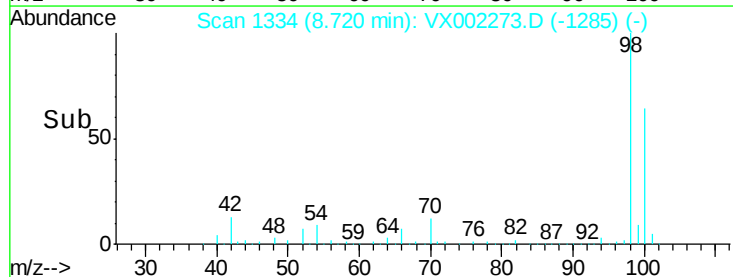
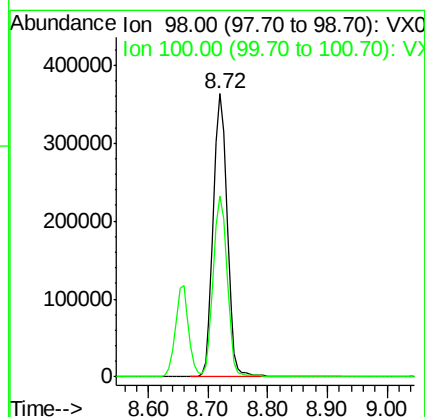
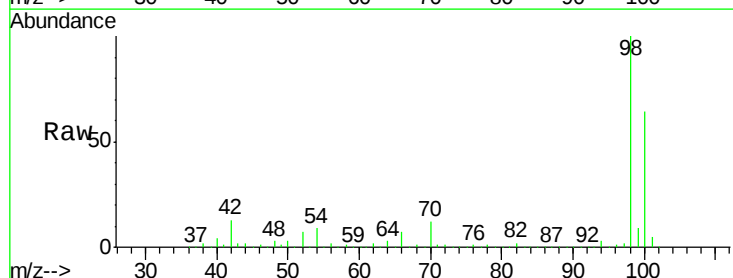
Instrument :
MSVOA_X
ClientSampled :

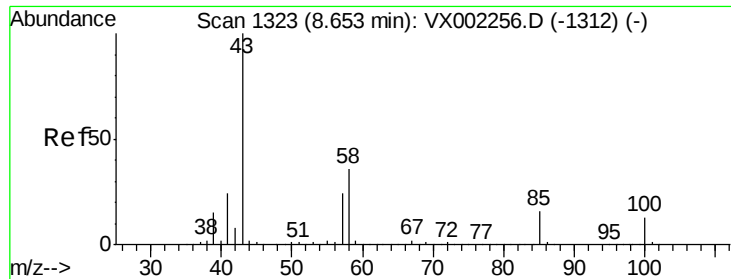
Tot Ion: 88 Resp: 81307
Ion Ratio Lower Upper
88 100
43 36.4 29.8 44.6
58 71.6 57.1 85.7



#50
Toluene-d8
Concen: 46.52 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 98 Resp: 581576
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 244.03 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

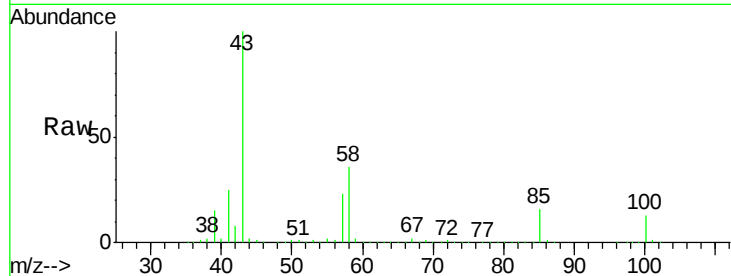
ClientSampleId :

Tot Ion: 43 Resp: 1353487

Ion Ratio Lower Upper

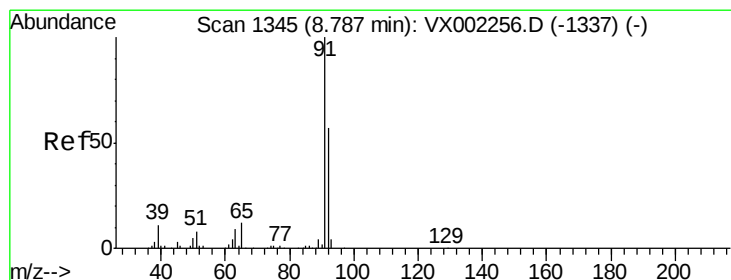
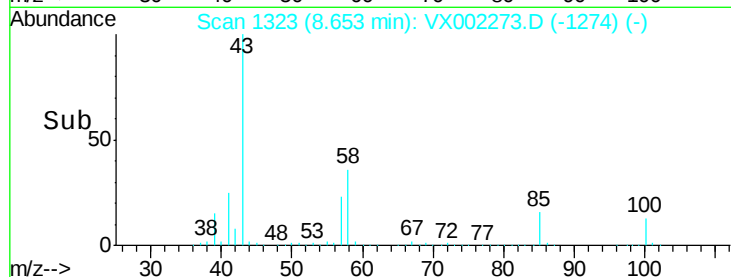
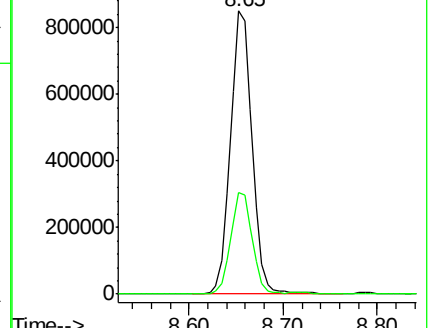
43 100

58 35.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.02 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002273.D

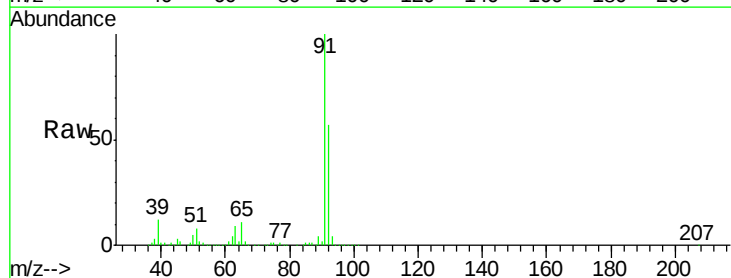
Acq: 04 Jun 2018 21:00

Tgt Ion: 92 Resp: 425309

Ion Ratio Lower Upper

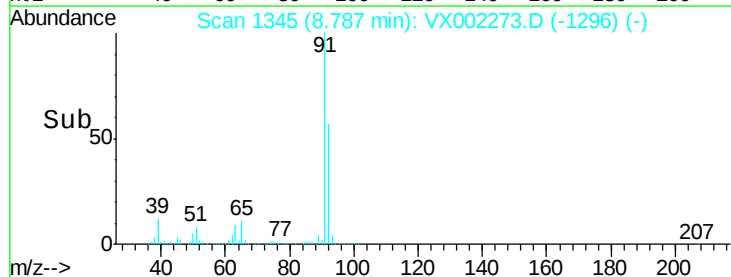
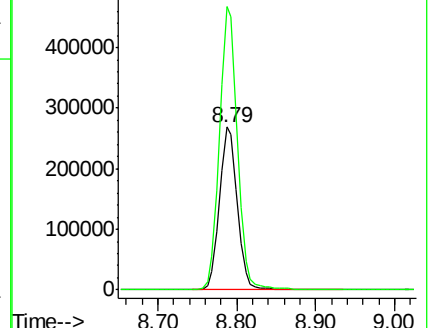
92 100

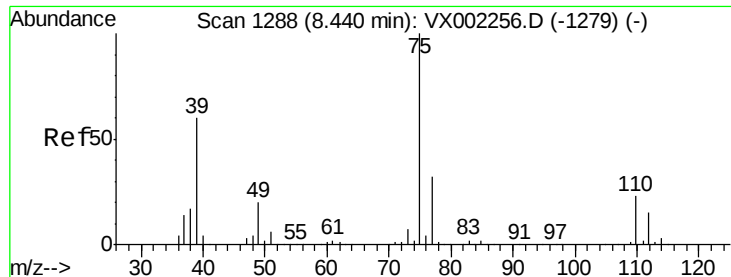
91 174.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.71 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

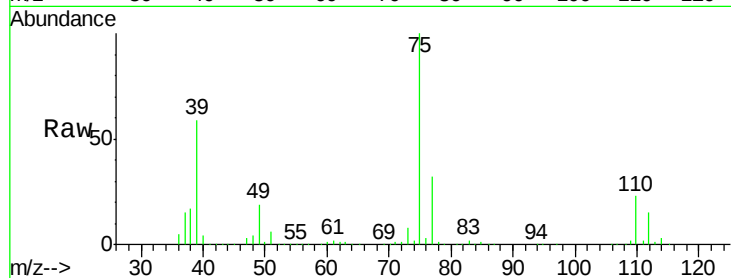
ClientSampled :

Tot Ion: 75 Resp: 258476

Ion Ratio Lower Upper

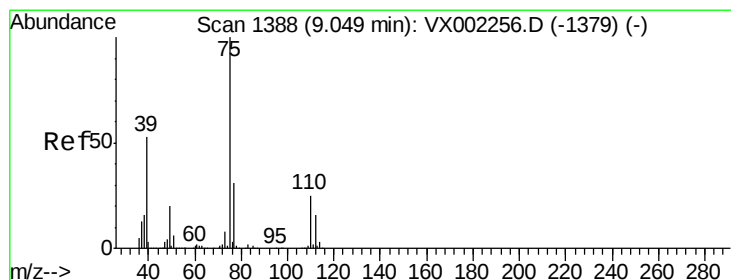
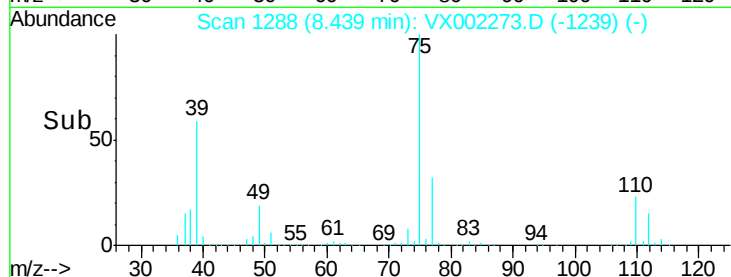
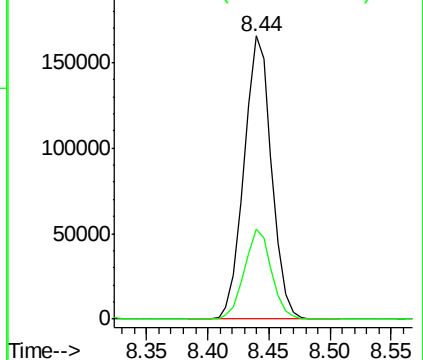
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.15 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

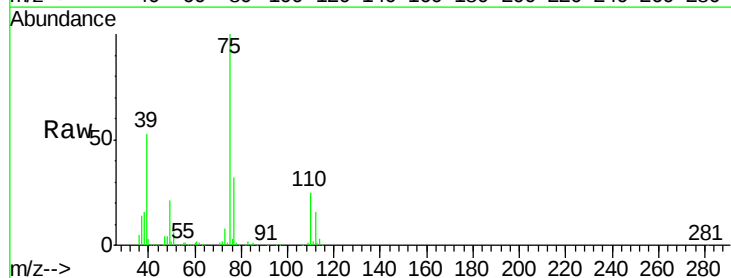
Tgt Ion: 75 Resp: 241062

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

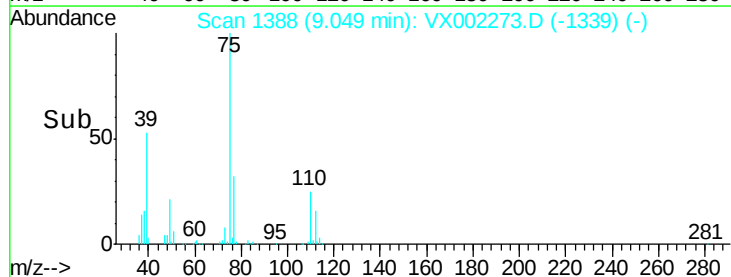
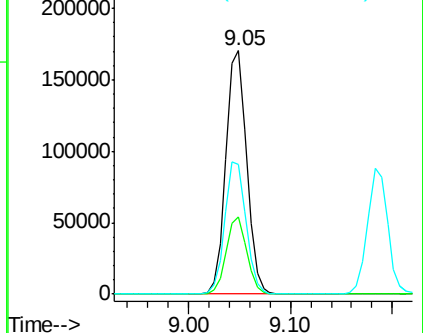
39 53.4 42.4 63.6

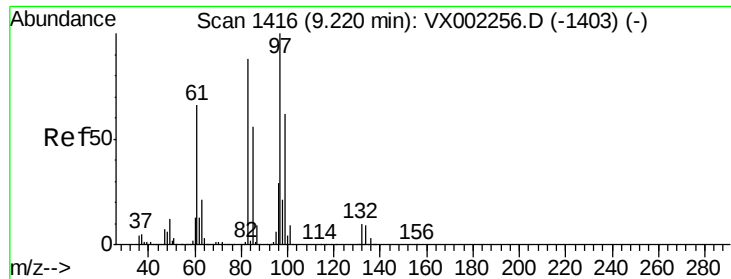


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

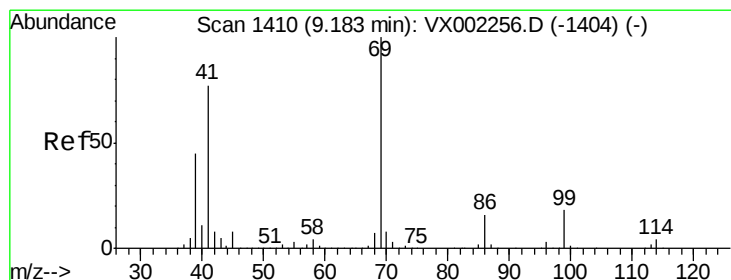
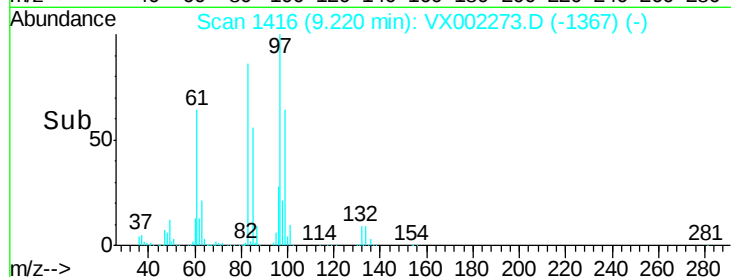
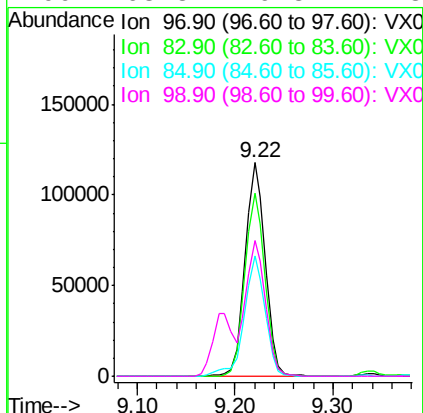
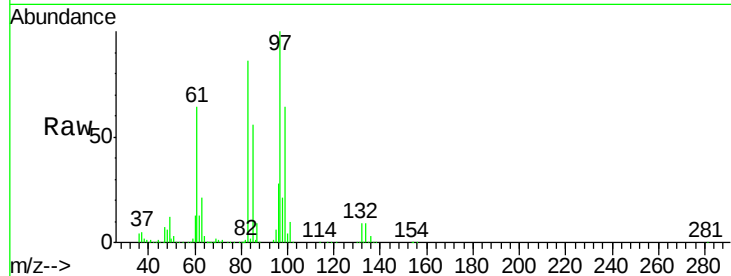




#55
 1,1,2-Trichloroethane
 Concen: 48.30 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

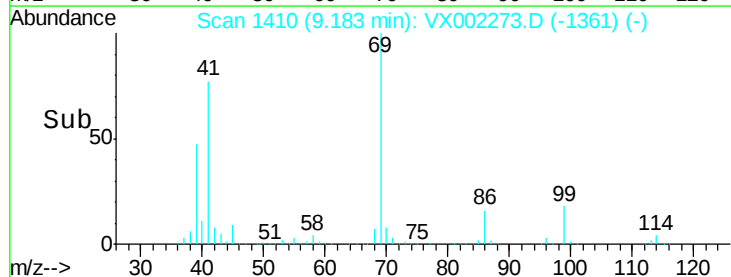
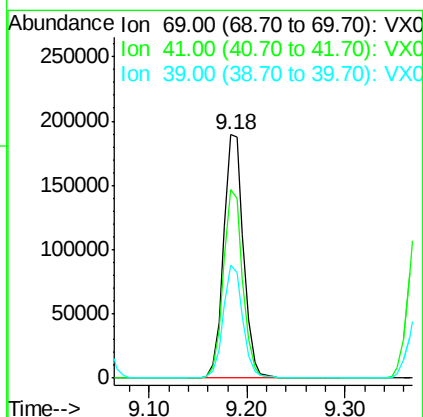
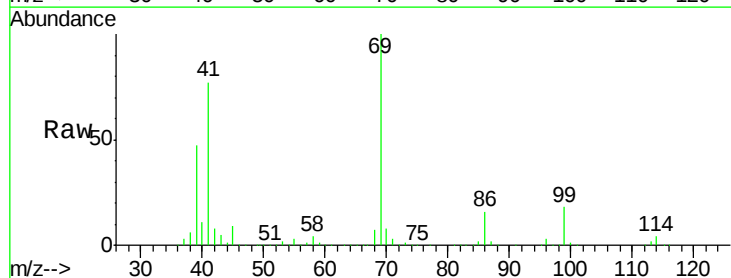
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	168901
Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.2	105.2
85	56.1	44.9	67.3
99	63.8	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 47.84 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion:	69	Resp:	267133
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.3	90.5
39	45.4	35.8	53.8





#57

1,3-Dichloropropane

Concen: 47.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

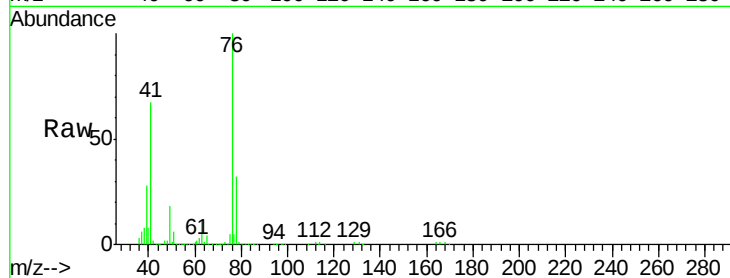
ClientSampleId :

Tot Ion: 76 Resp: 281309

Ion Ratio Lower Upper

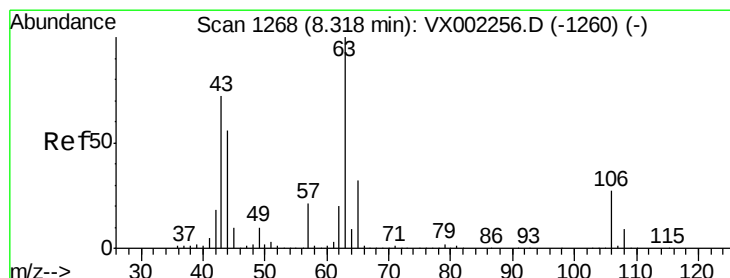
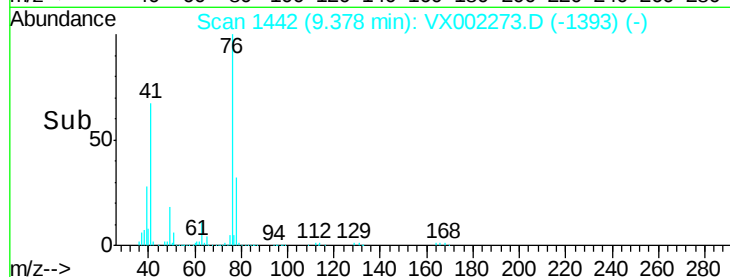
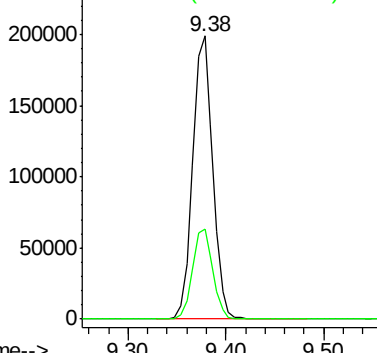
76 100

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: 243.46 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002273.D

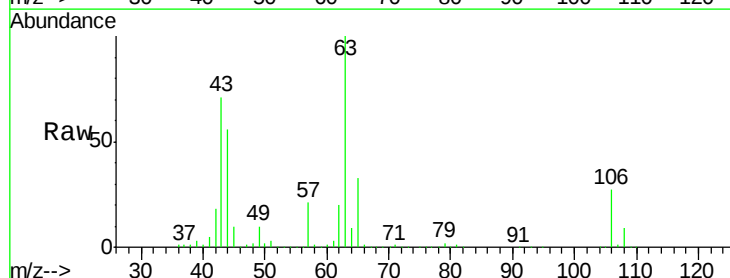
Acq: 04 Jun 2018 21:00

Tgt Ion: 63 Resp: 629135

Ion Ratio Lower Upper

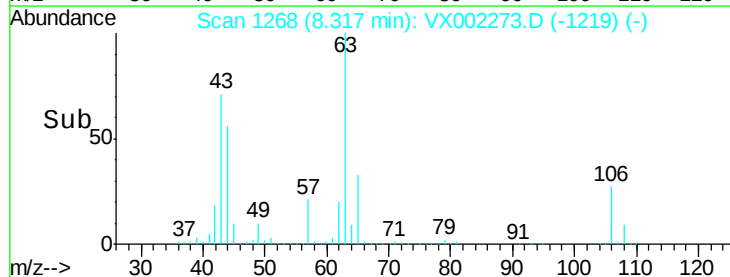
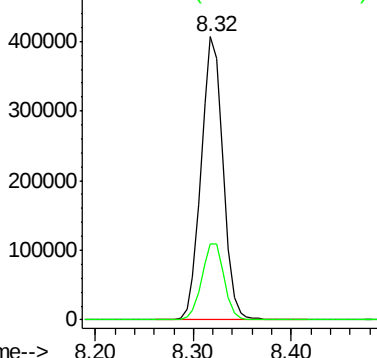
63 100

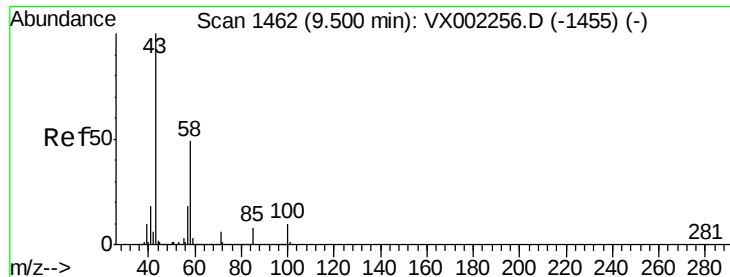
106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

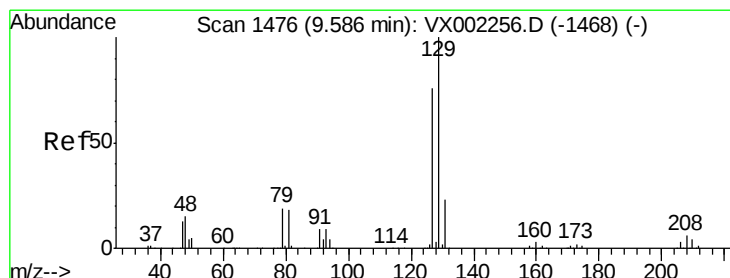
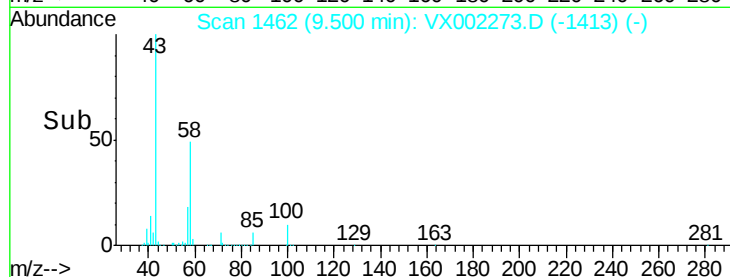
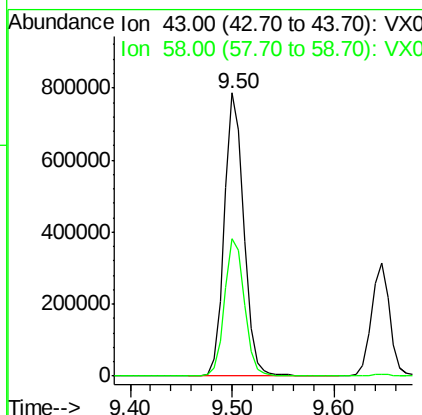
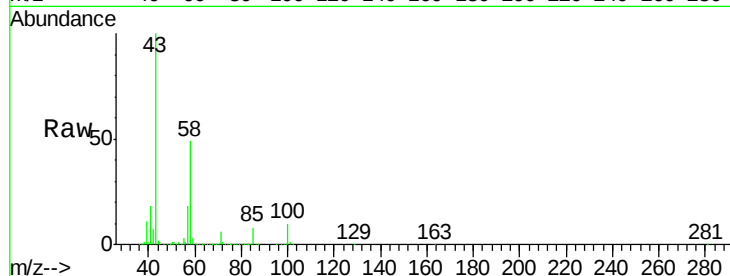




#59
2-Hexanone
Concen: 243.18 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

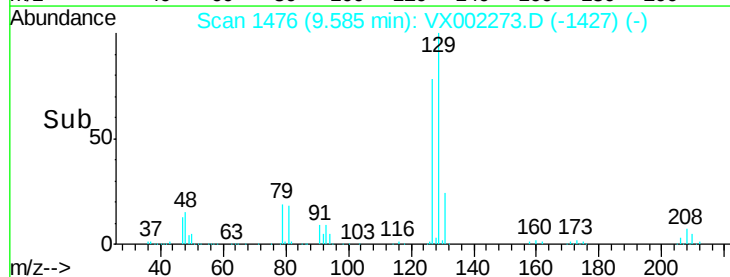
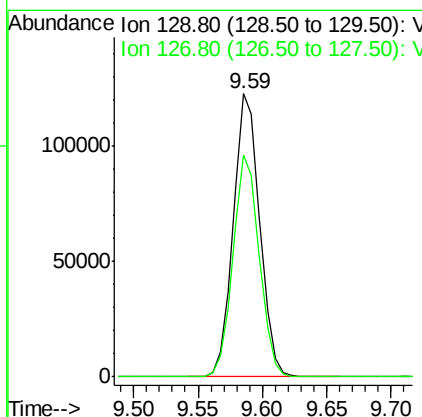
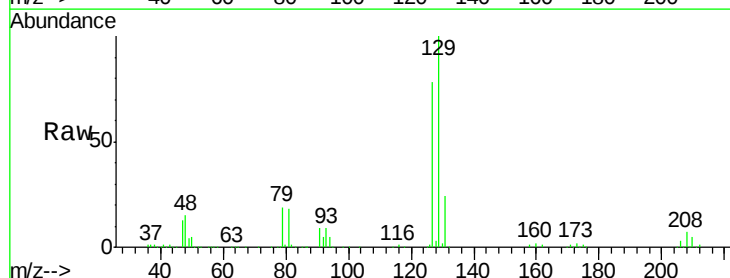
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1041800
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.6



#60
Dibromochloromethane
Concen: 49.94 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 129 Resp: 175675
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.54 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

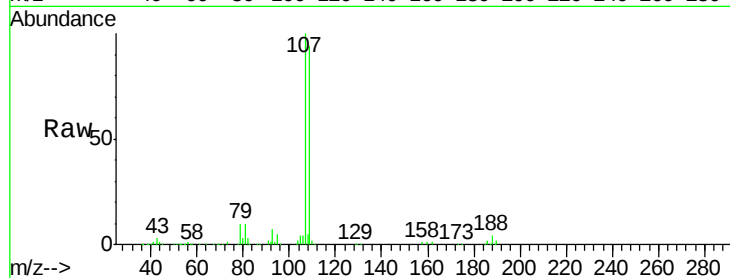
ClientSampleId :

Tot Ion:107 Resp: 180659

Ion Ratio Lower Upper

107 100

109 93.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

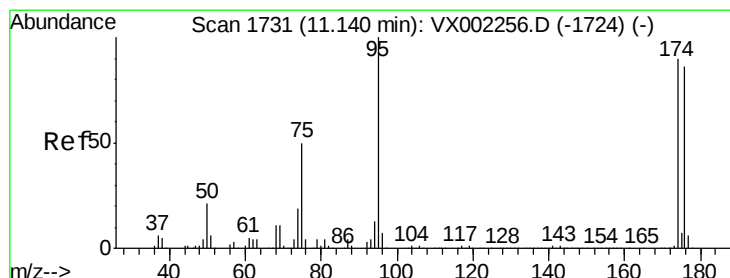
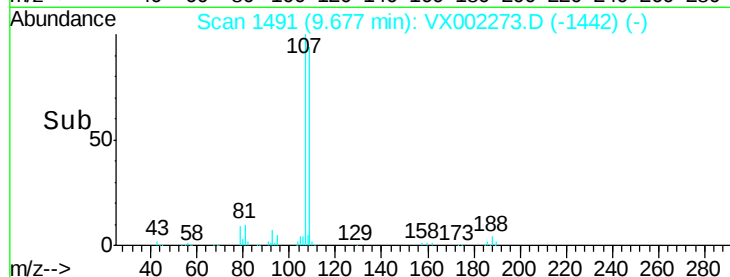
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

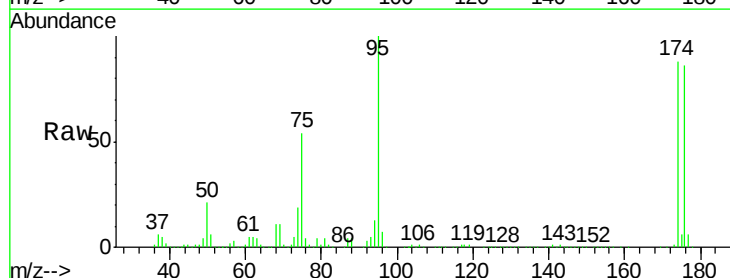
Tgt Ion: 95 Resp: 224180

Ion Ratio Lower Upper

95 100

174 95.5 0.0 187.4

176 92.1 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

11.14

200000

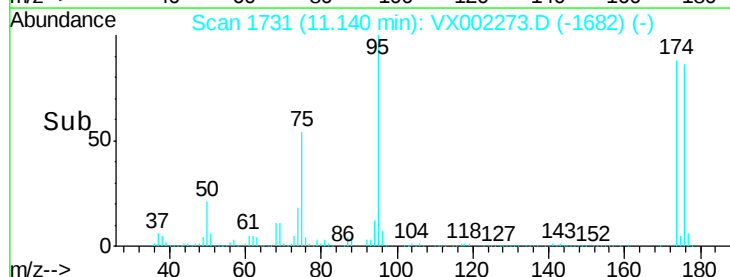
150000

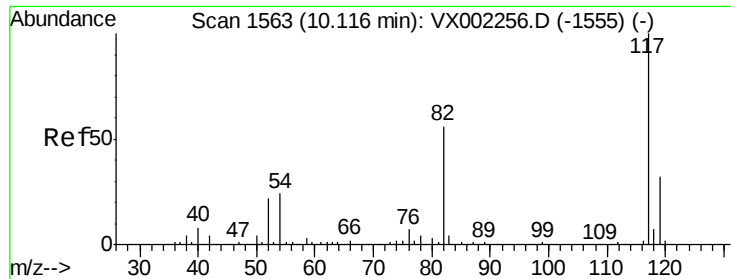
100000

50000

0

Time-->

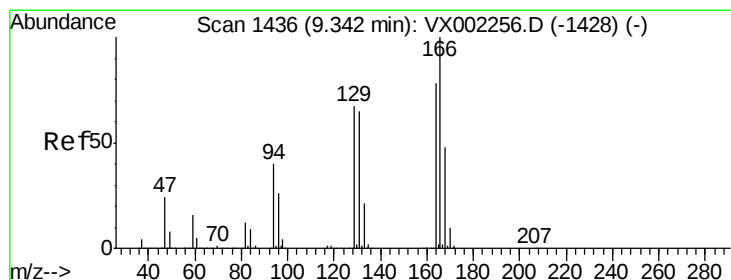
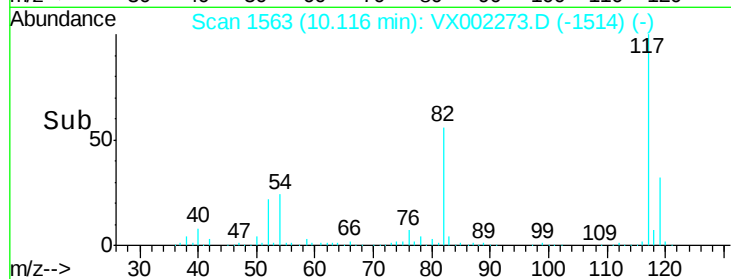
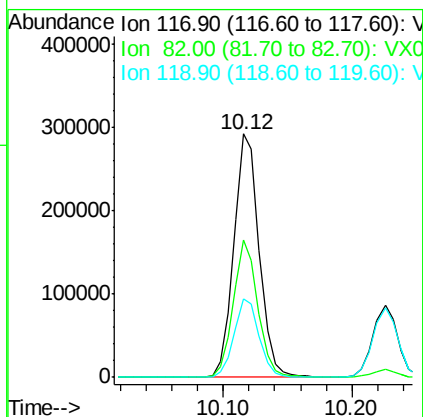
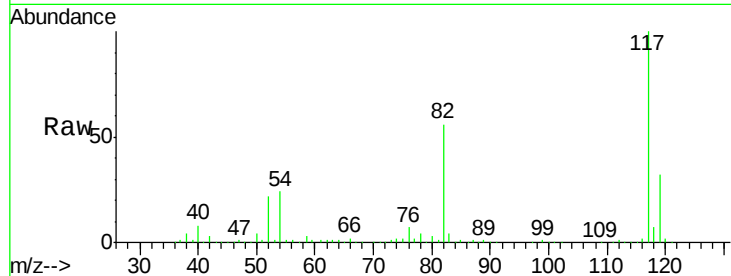




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

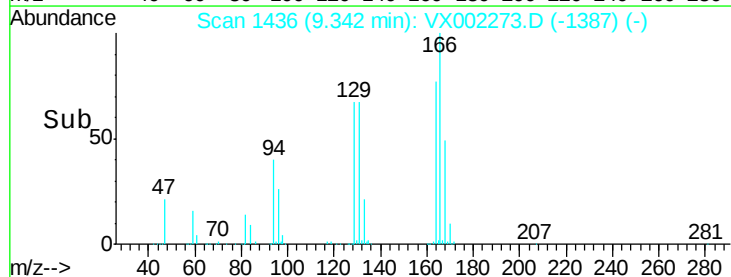
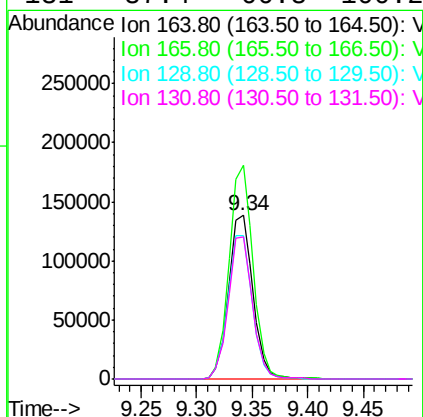
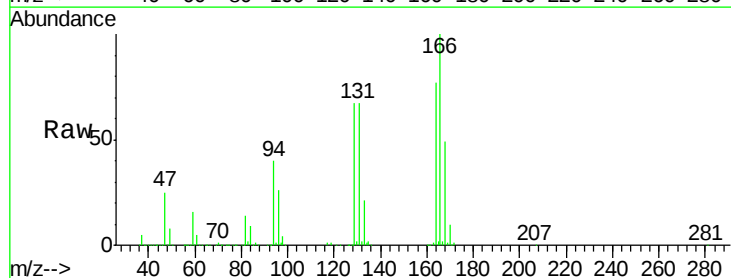
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 400361
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 50.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion:164 Resp: 209707
Ion Ratio Lower Upper
164 100
166 130.7 102.9 154.3
129 87.8 68.6 102.8
131 87.4 66.8 100.2





#65

Chlorobenzene

Concen: 48.62 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

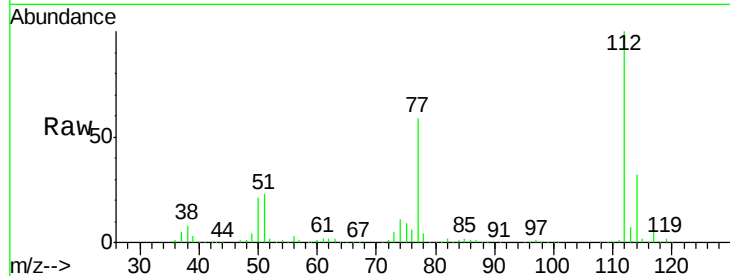
ClientSampleId :

Tot Ion:112 Resp: 484343

Ion Ratio Lower Upper

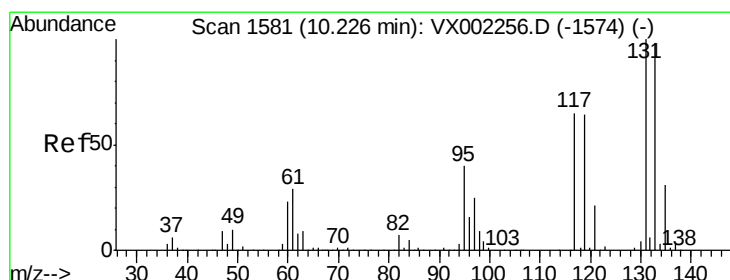
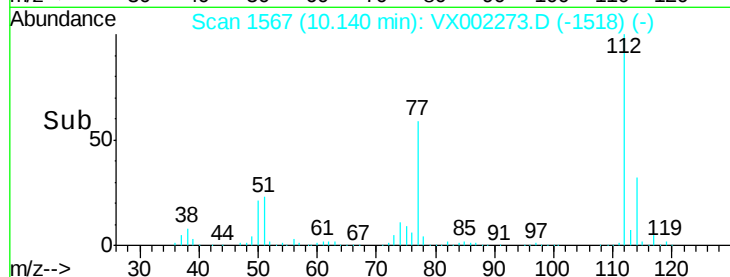
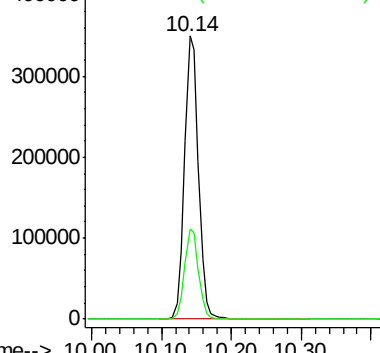
112 100

114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.73 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

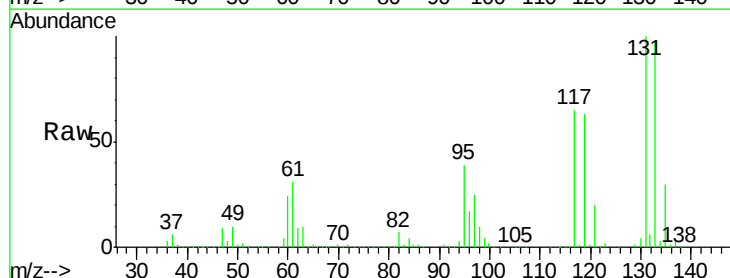
Tgt Ion:131 Resp: 175779

Ion Ratio Lower Upper

131 100

133 96.0 47.9 143.6

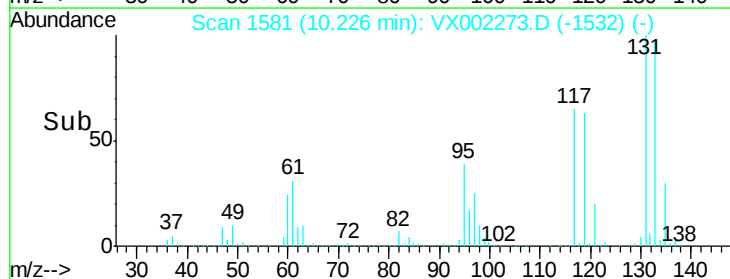
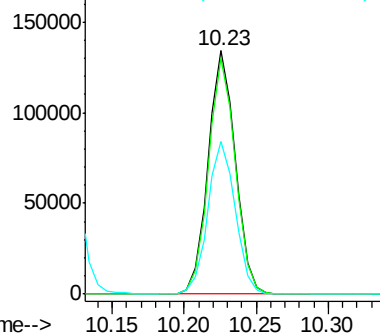
119 63.5 31.8 95.3

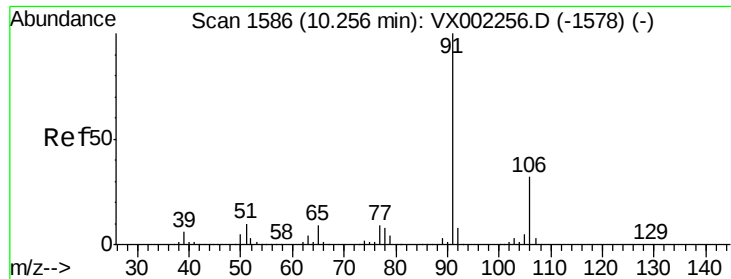


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.17 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

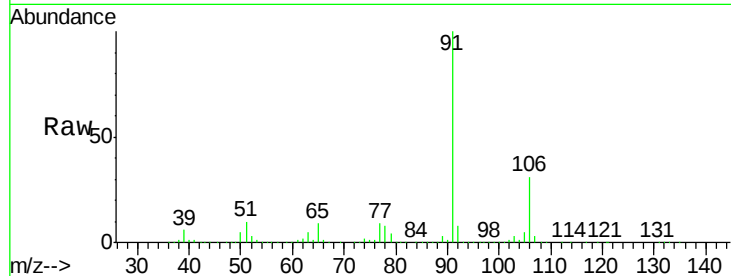
ClientSampled :

Tot Ion: 91 Resp: 836354

Ion Ratio Lower Upper

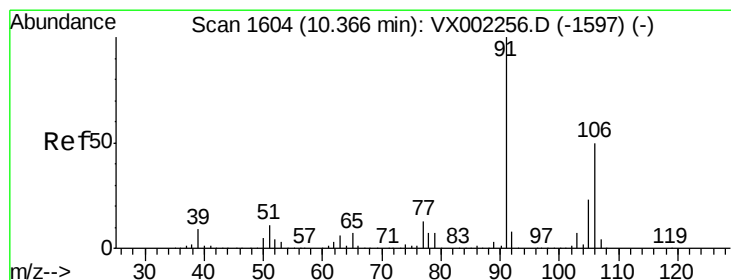
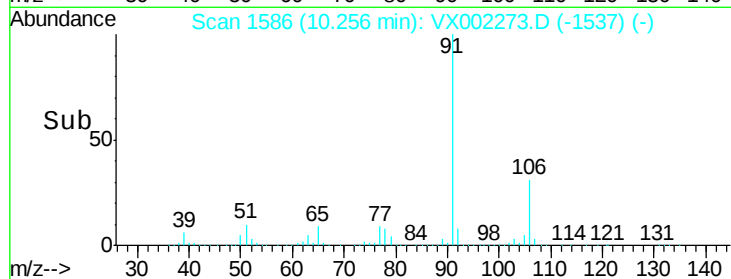
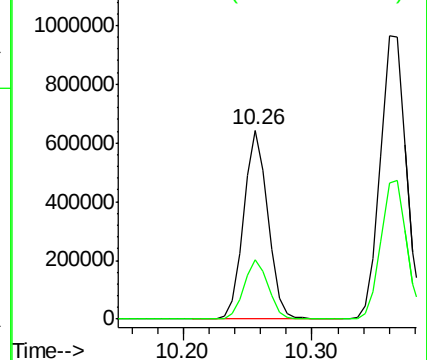
91 100

106 31.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.37 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002273.D

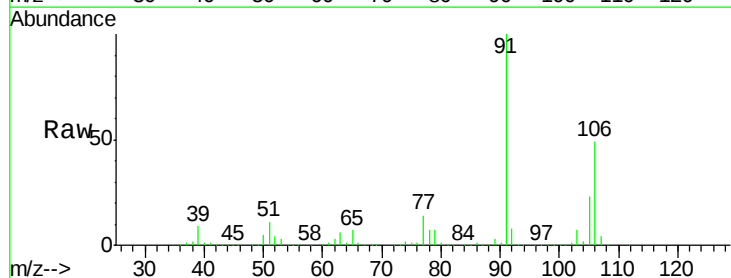
Acq: 04 Jun 2018 21:00

Tgt Ion: 106 Resp: 650440

Ion Ratio Lower Upper

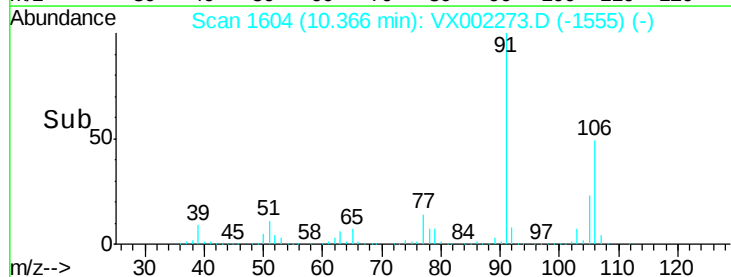
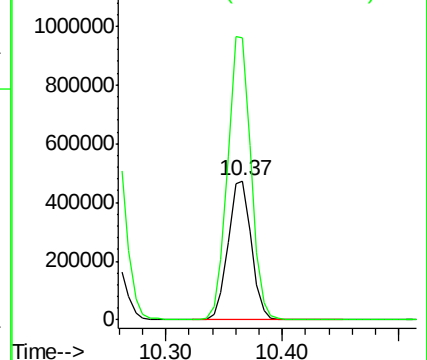
106 100

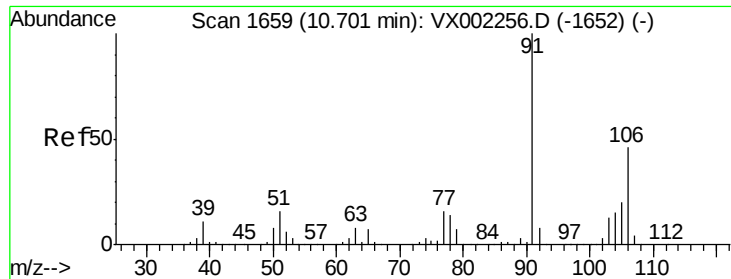
91 205.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

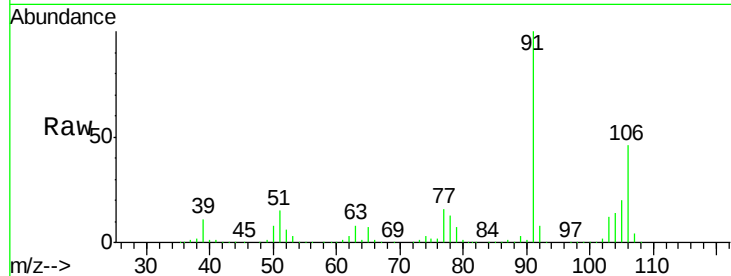




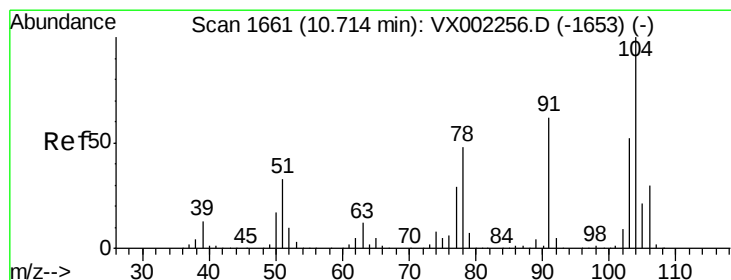
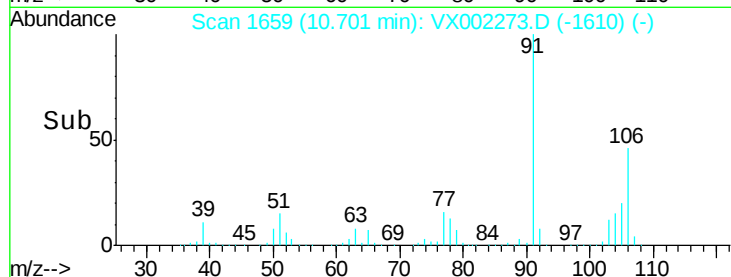
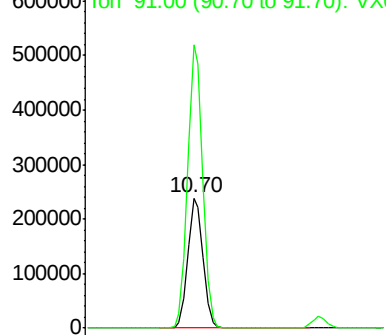
#69
o-Xylene
Concen: 49.58 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 319738
Ion Ratio Lower Upper
106 100
91 216.2 108.2 324.6

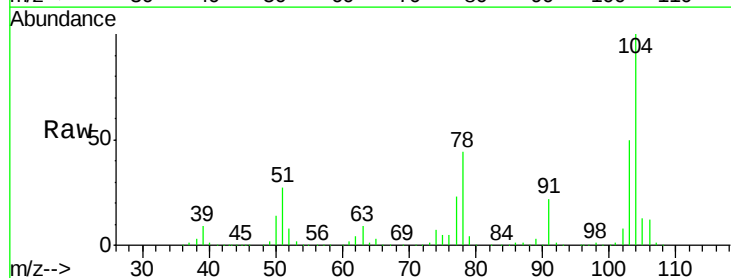


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

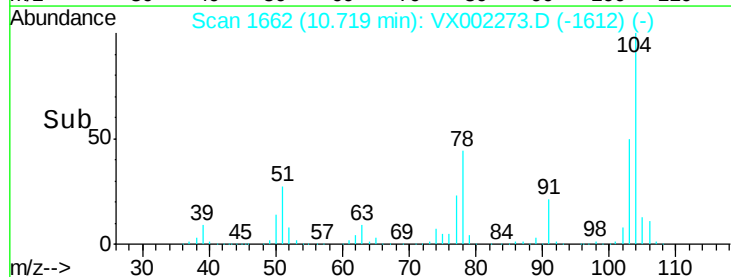
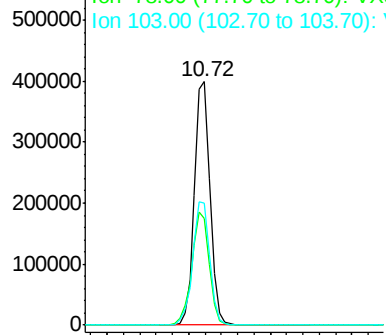


#70
Styrene
Concen: 50.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion:104 Resp: 534005
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.6
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 43.18 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

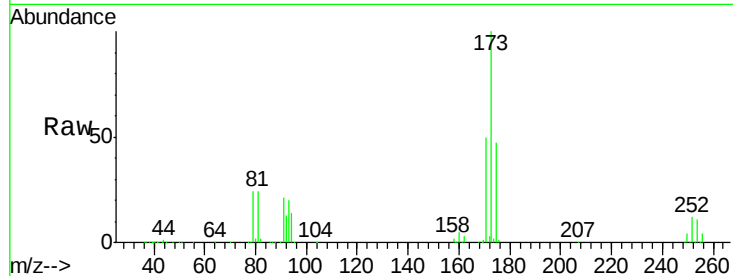
Tot Ion:173 Resp: 137871

Ion Ratio Lower Upper

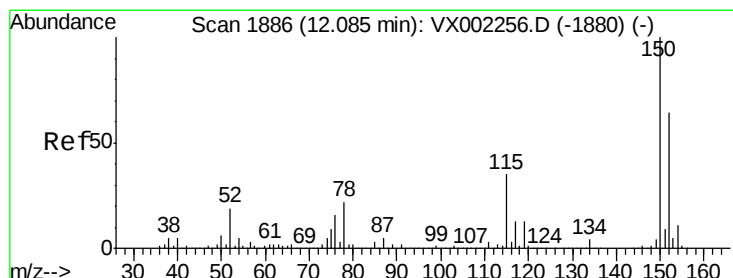
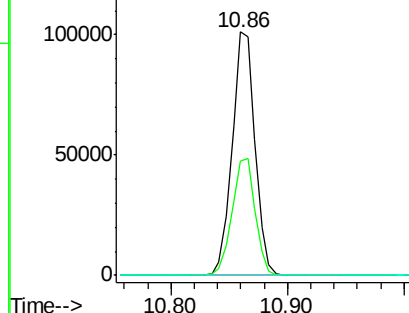
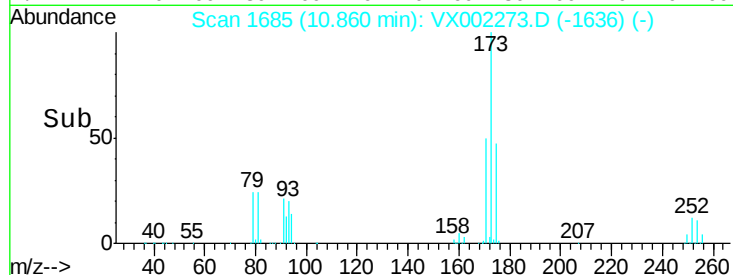
173 100

175 48.7 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

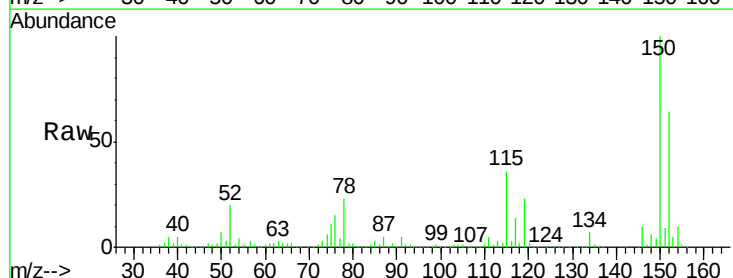
Tgt Ion:152 Resp: 254201

Ion Ratio Lower Upper

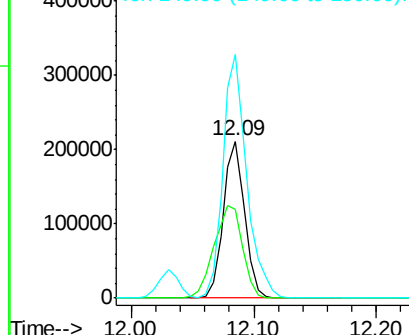
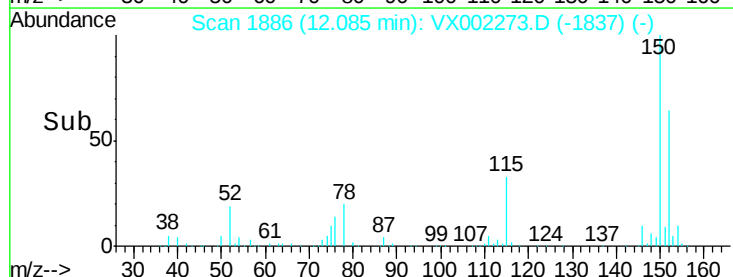
152 100

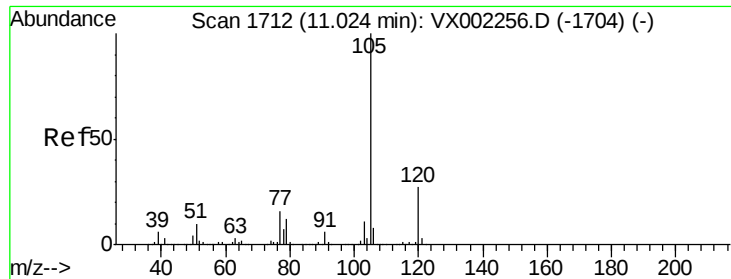
115 79.5 40.1 120.2

150 173.7 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

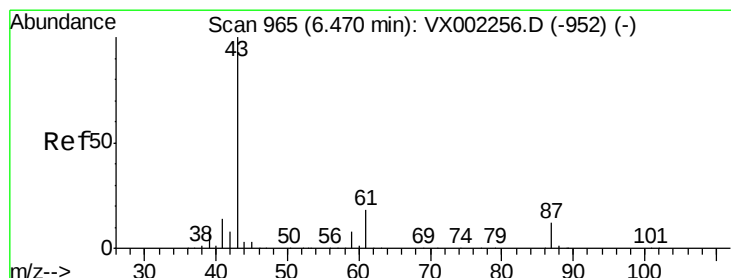
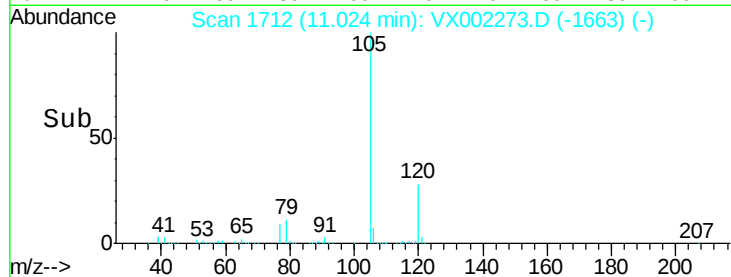
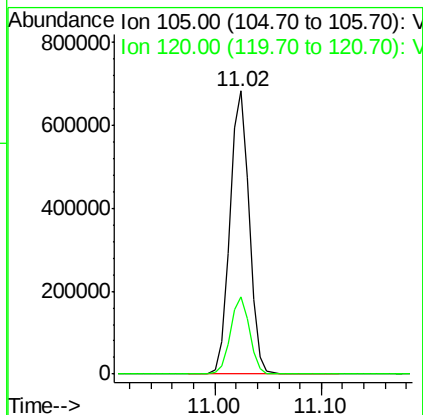
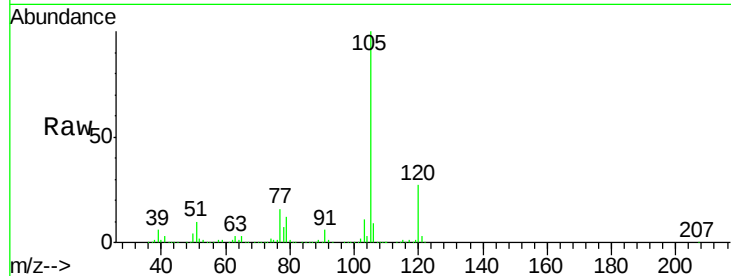




#73
Isopropylbenzene
Concen: 49.18 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

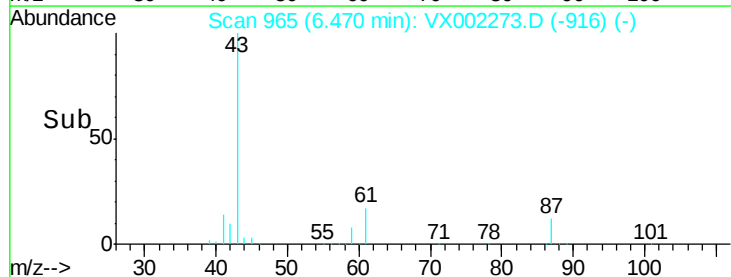
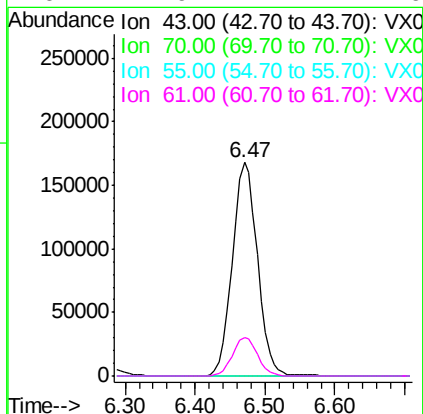
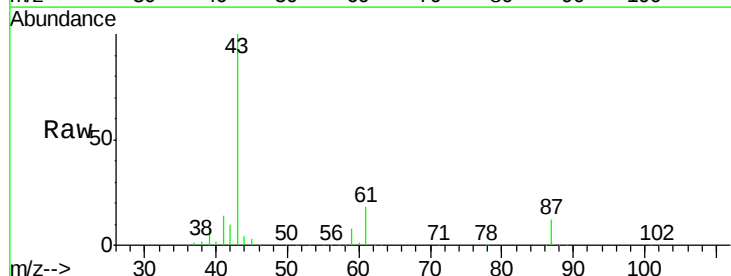
Instrument :
MSVOA_X
ClientSampleId :

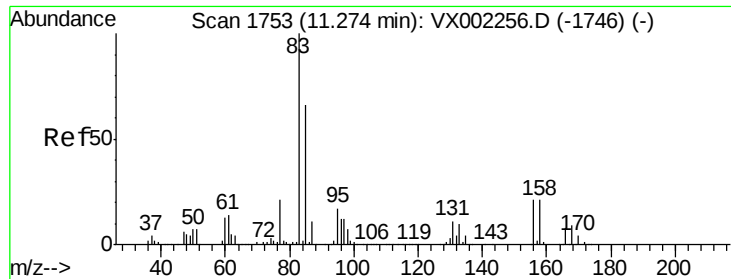
Tot Ion:105 Resp: 869691
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 43.82 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion: 43 Resp: 417555
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 17.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.92 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

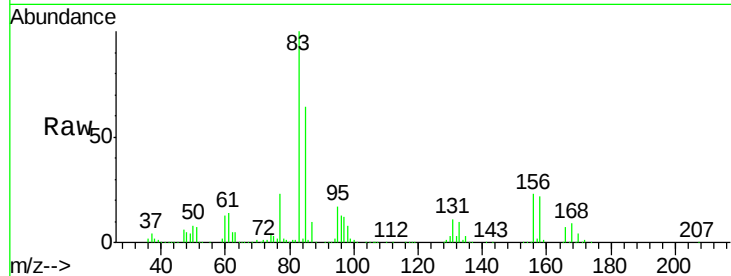
Tot Ion: 83 Resp: 249850

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

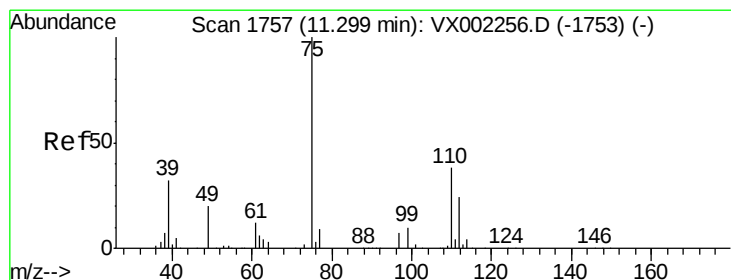
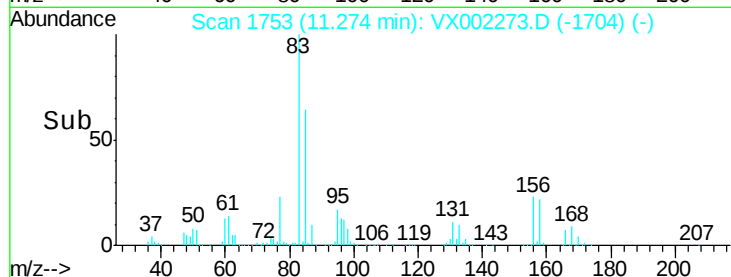
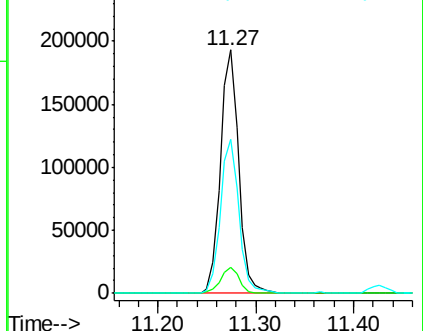
85 64.1 32.4 97.2



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: 54.26 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002273.D

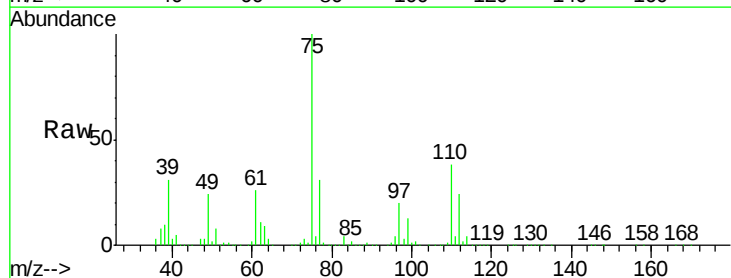
Acq: 04 Jun 2018 21:00

Tgt Ion: 75 Resp: 302660

Ion Ratio Lower Upper

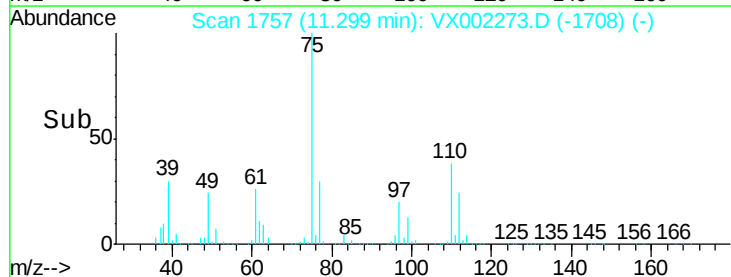
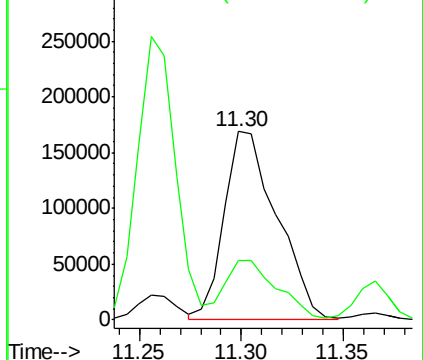
75 100

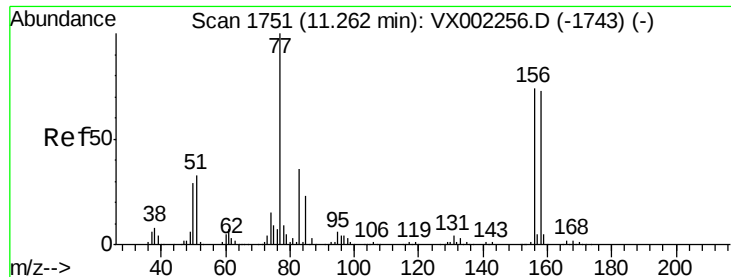
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.25 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

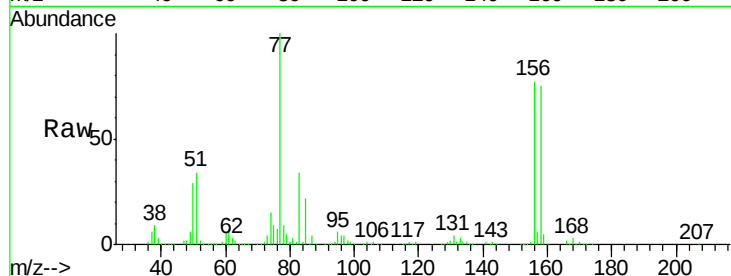
Tot Ion:156 Resp: 234570

Ion Ratio Lower Upper

156 100

77 140.4 71.4 214.2

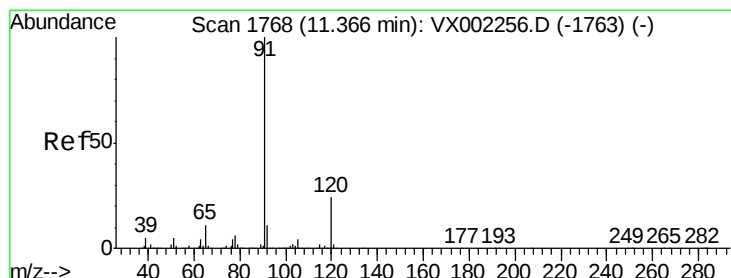
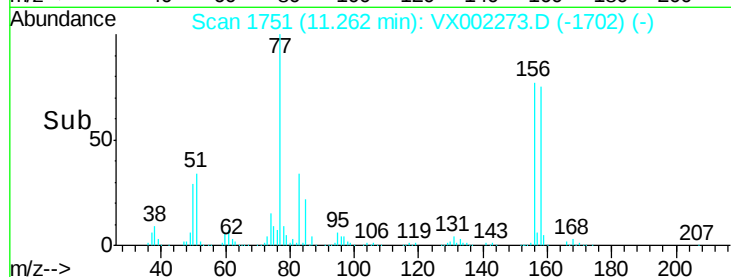
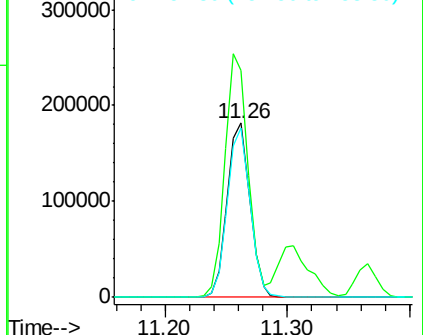
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002273.D

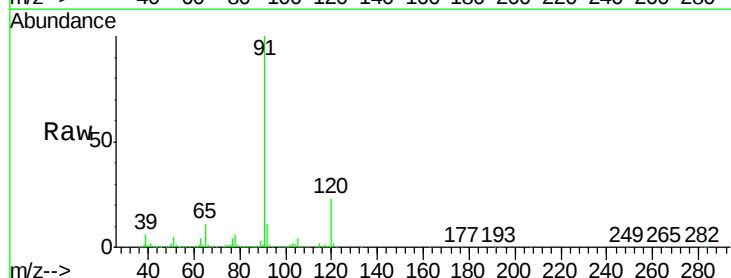
Acq: 04 Jun 2018 21:00

Tgt Ion: 91 Resp: 993644

Ion Ratio Lower Upper

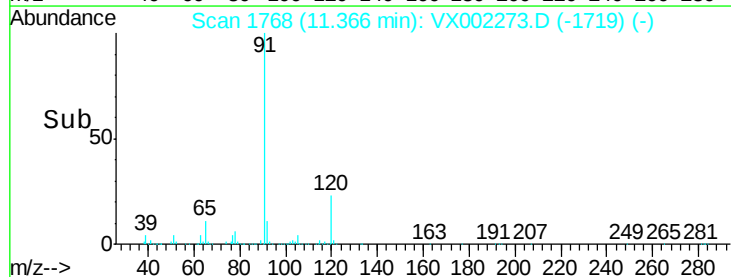
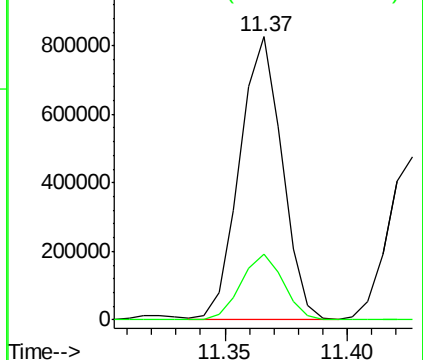
91 100

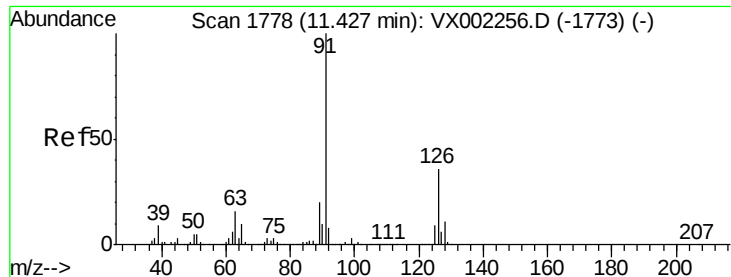
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.65 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

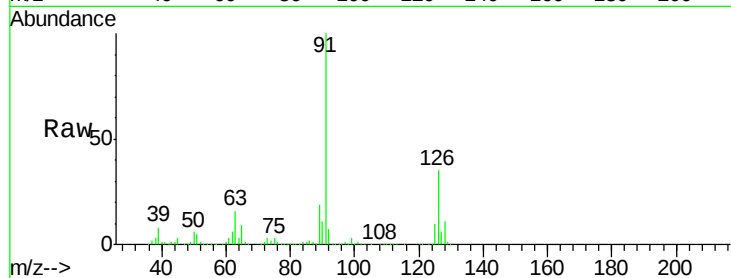
ClientSampled :

Tot Ion: 91 Resp: 591370

Ion Ratio Lower Upper

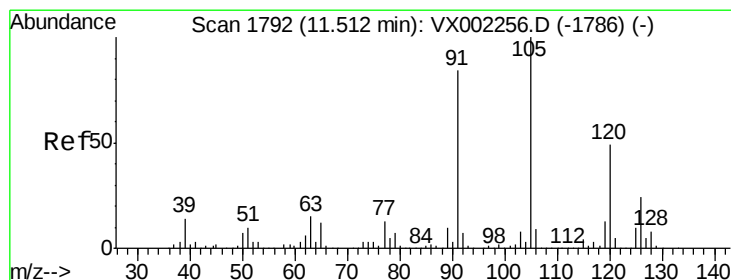
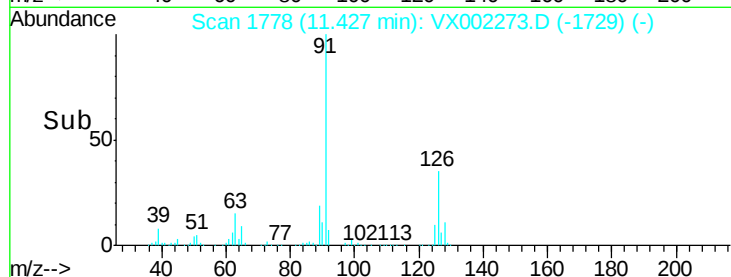
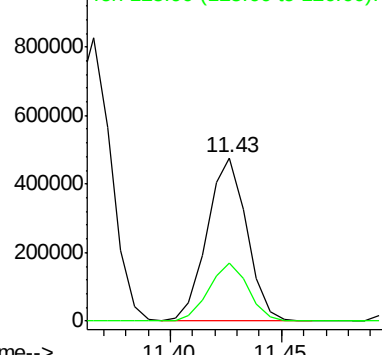
91 100

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: 49.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002273.D

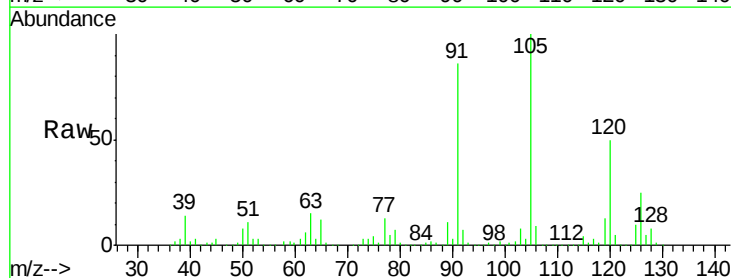
Acq: 04 Jun 2018 21:00

Tgt Ion: 105 Resp: 743276

Ion Ratio Lower Upper

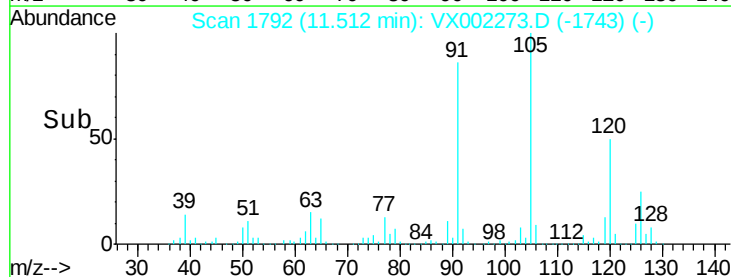
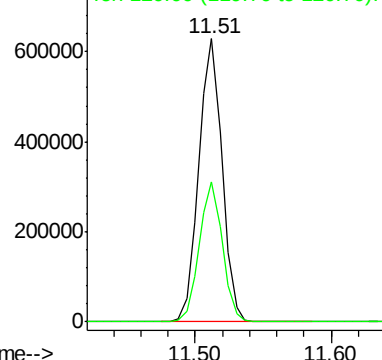
105 100

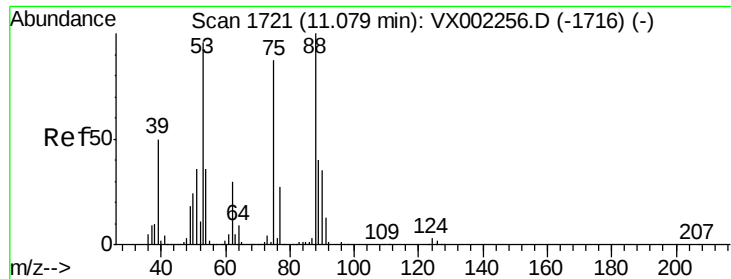
120 48.9 24.4 73.4



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: 43.80 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

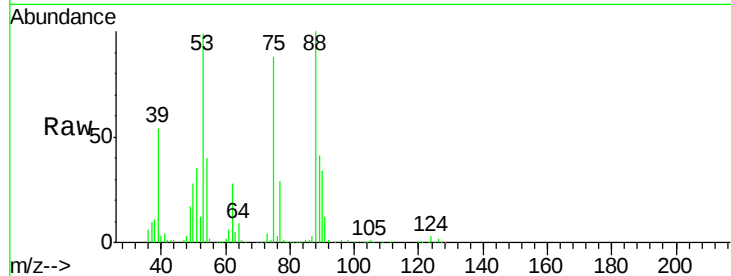
Tot Ion: 75 Resp: 69690

Ion Ratio Lower Upper

75 100

53 113.8 86.8 130.2

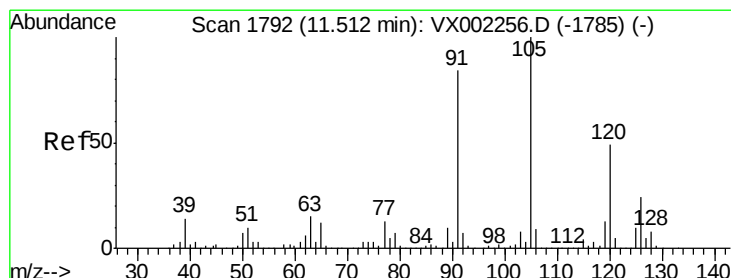
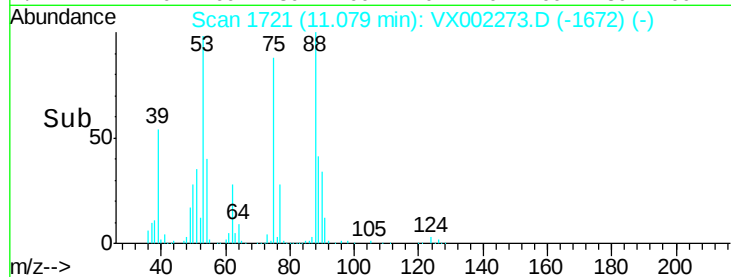
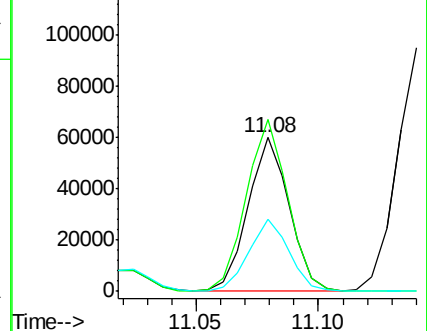
89 46.7 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.69 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002273.D

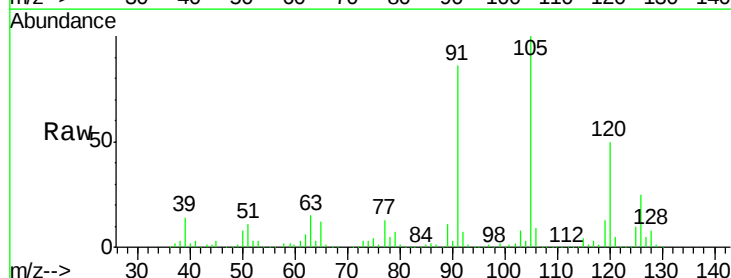
Acq: 04 Jun 2018 21:00

Tgt Ion: 91 Resp: 697546

Ion Ratio Lower Upper

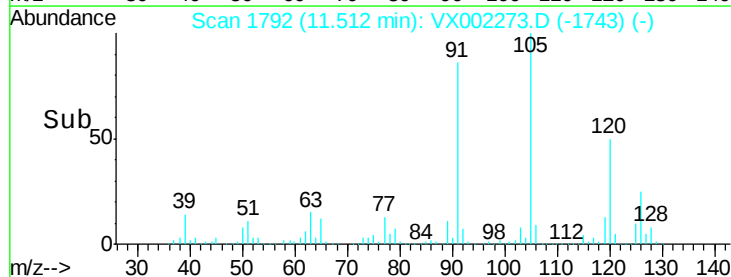
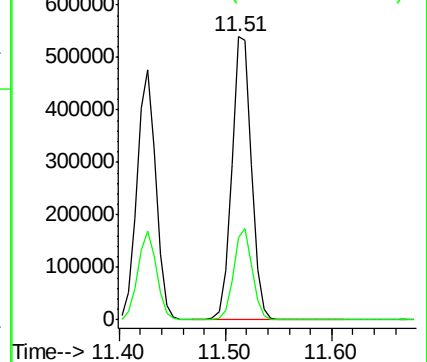
91 100

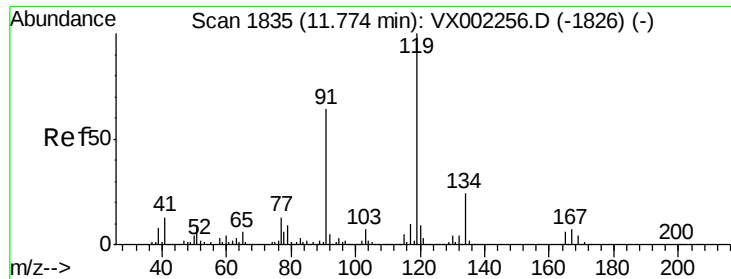
126 30.6 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

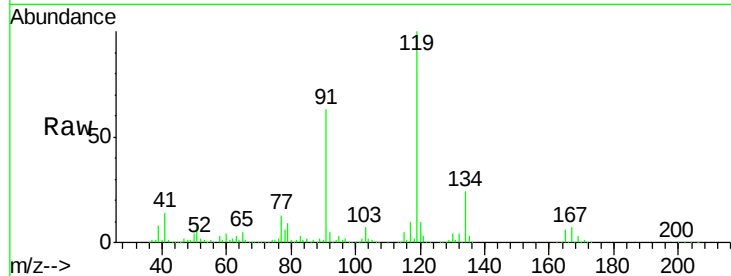




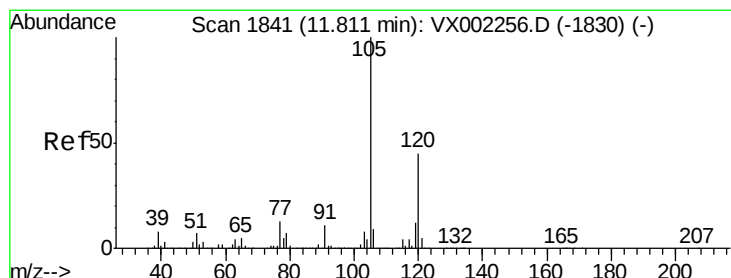
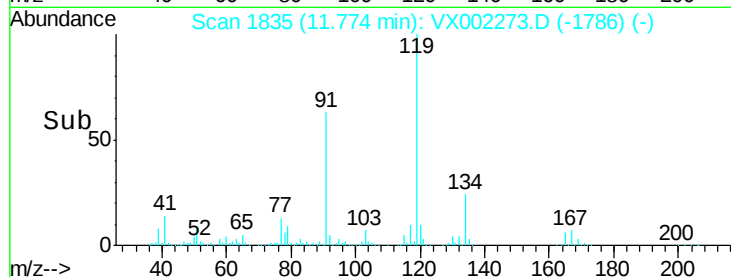
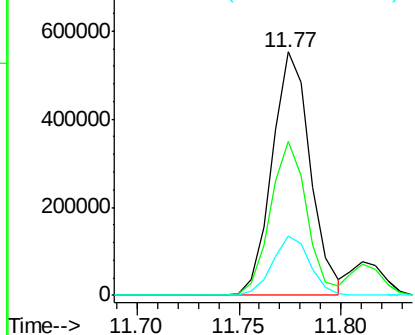
#83
tert-Butylbenzene
Concen: 48.88 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 721961
Ion Ratio Lower Upper
119 100
91 60.3 30.3 90.9
134 23.8 11.7 35.1

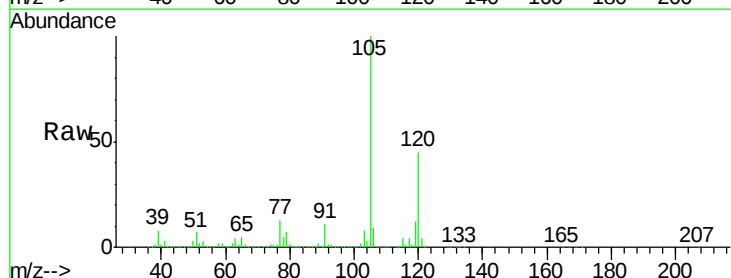


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

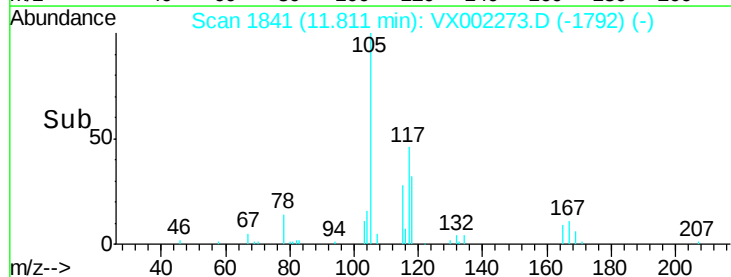
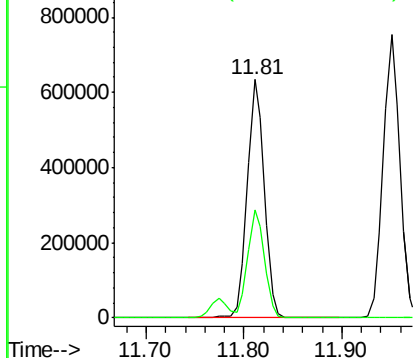


#84
1,2,4-Trimethylbenzene
Concen: 49.04 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002273.D
Acq: 04 Jun 2018 21:00

Tgt Ion:105 Resp: 765684
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.89 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

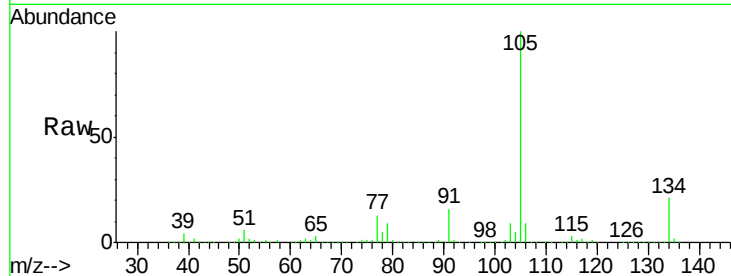
ClientSampleId :

Tot Ion:105 Resp: 898479

Ion Ratio Lower Upper

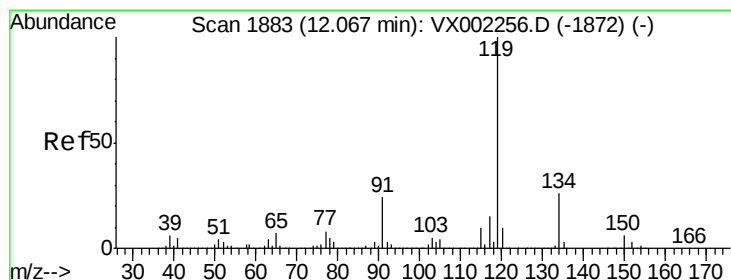
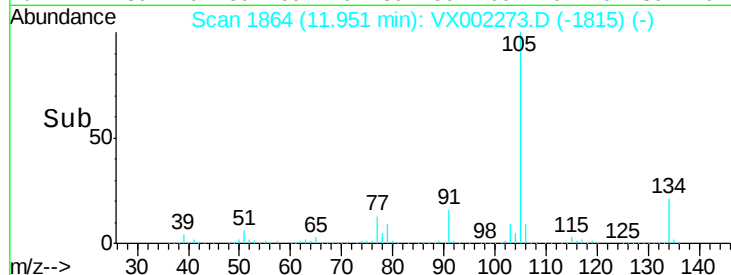
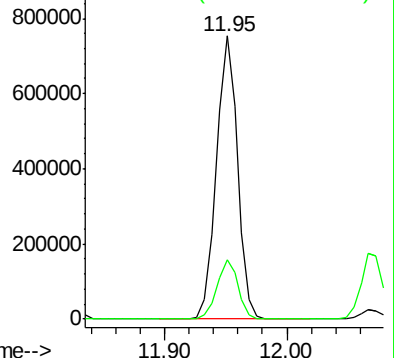
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.03 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

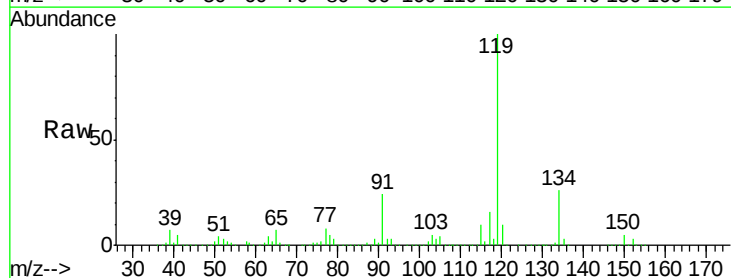
Tgt Ion:119 Resp: 804866

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

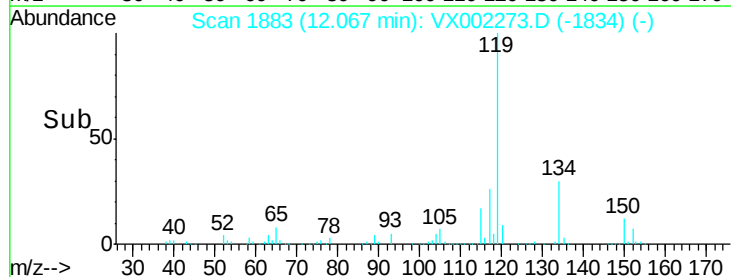
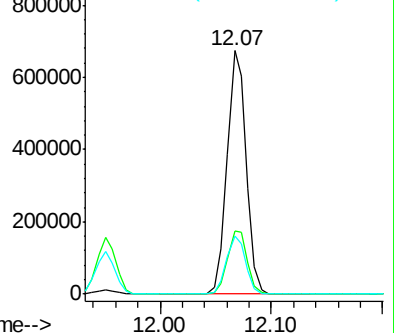
91 24.0 11.9 35.7

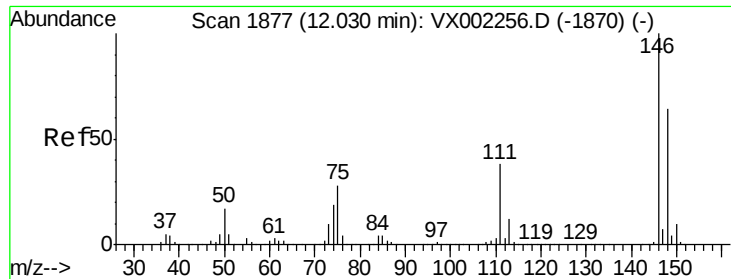


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

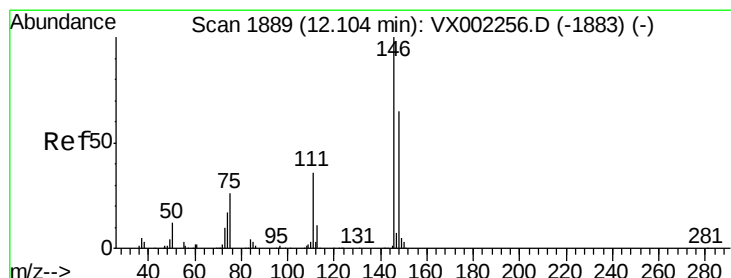
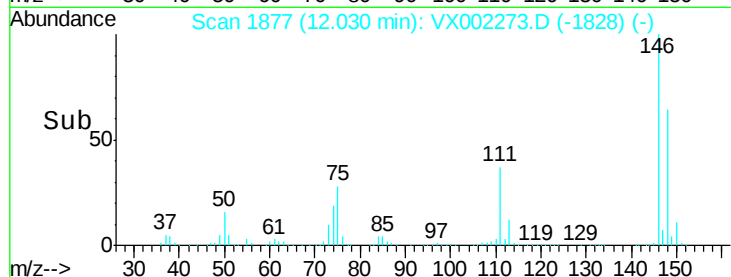
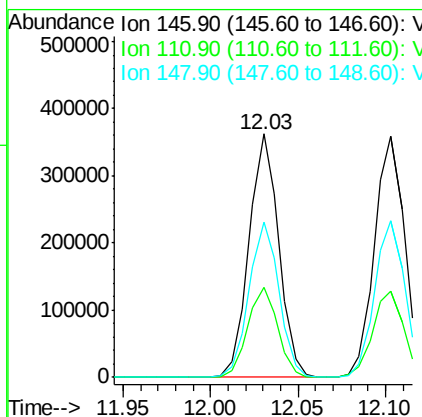
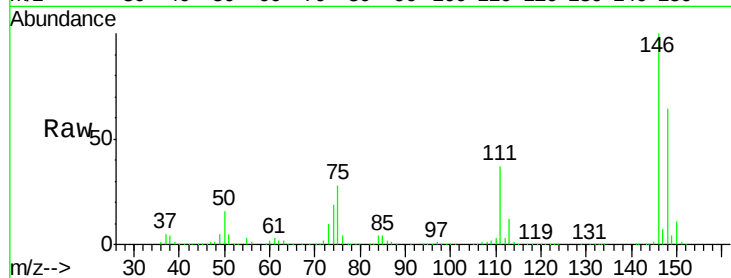




#87
 1,3-Dichlorobenzene
 Concen: 48.31 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

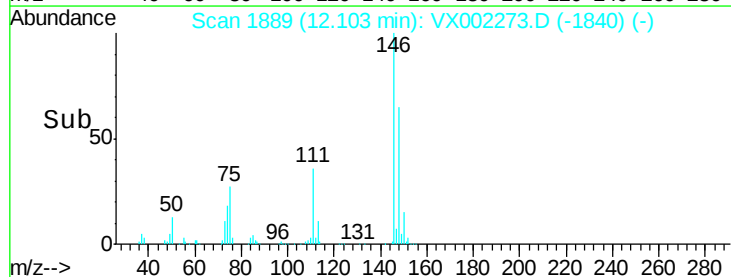
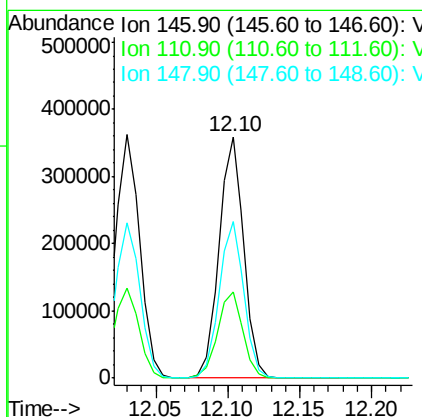
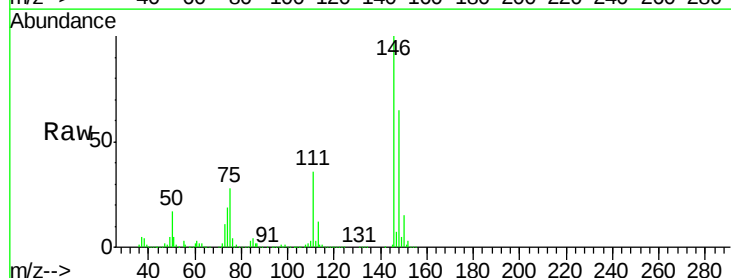
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	64.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.31 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	64.6	32.4	97.0





#89

n-Butylbenzene

Concen: 52.29 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

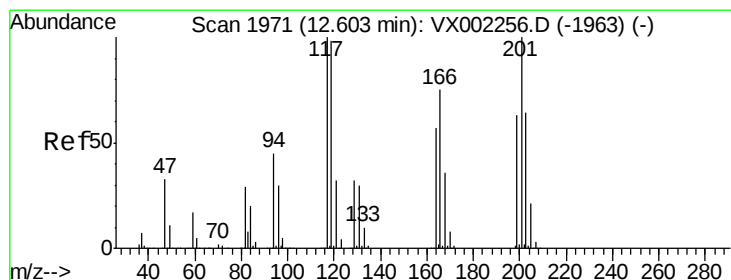
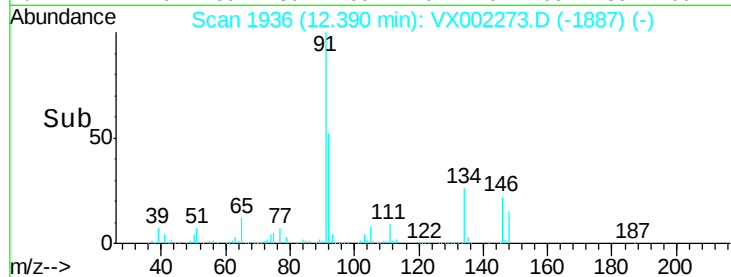
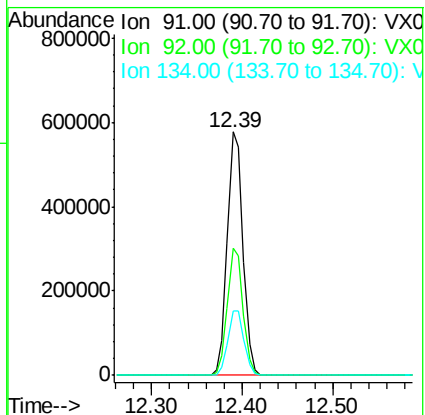
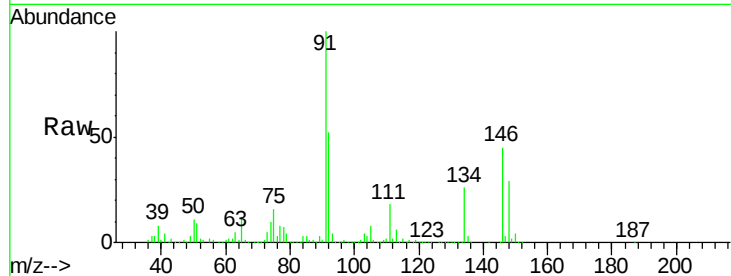
Tot Ion: 91 Resp: 691736

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 48.63 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002273.D

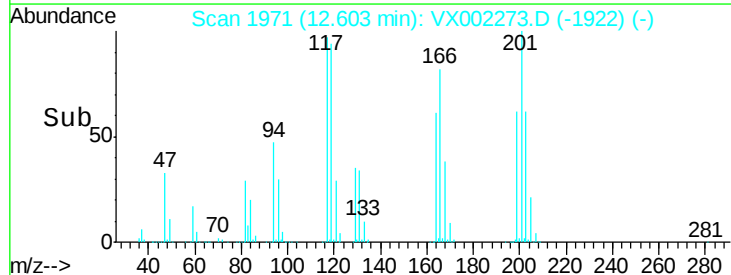
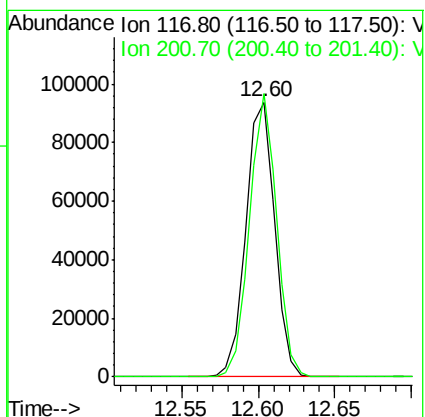
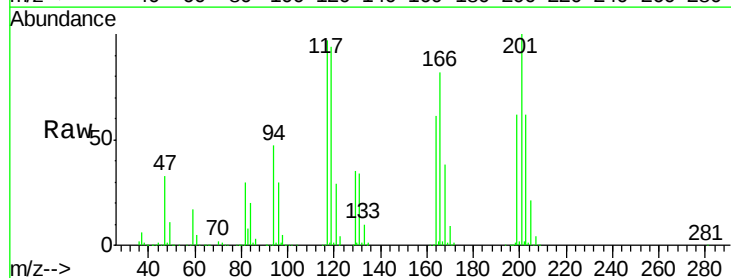
Acq: 04 Jun 2018 21:00

Tgt Ion: 117 Resp: 122422

Ion Ratio Lower Upper

117 100

201 97.3 49.0 147.0

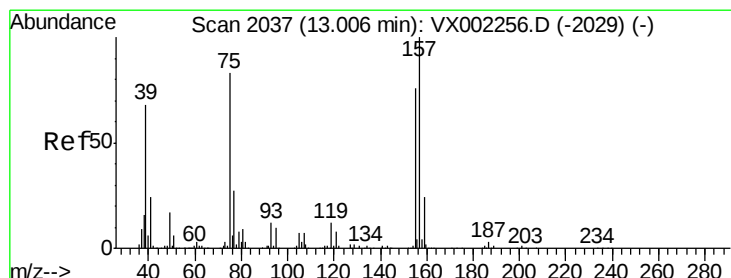
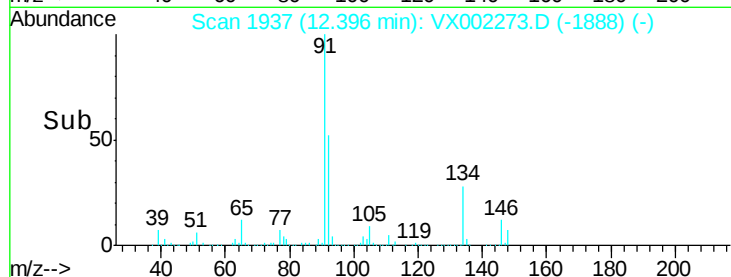
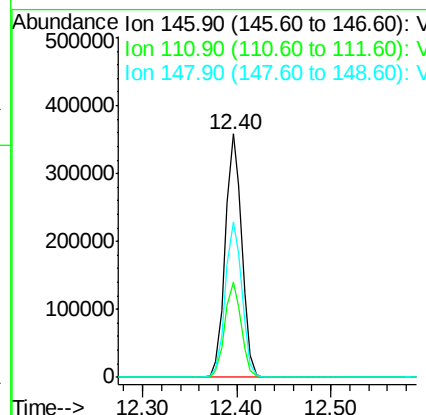
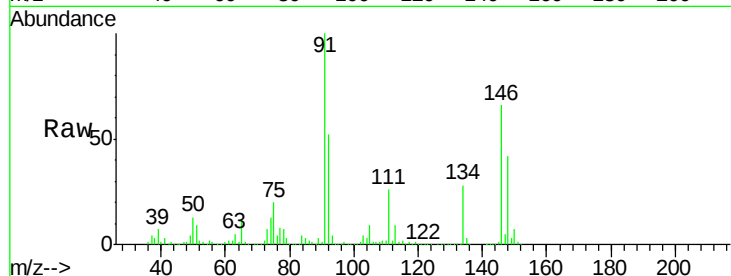




#91
 1,2-Dichlorobenzene
 Concen: 47.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

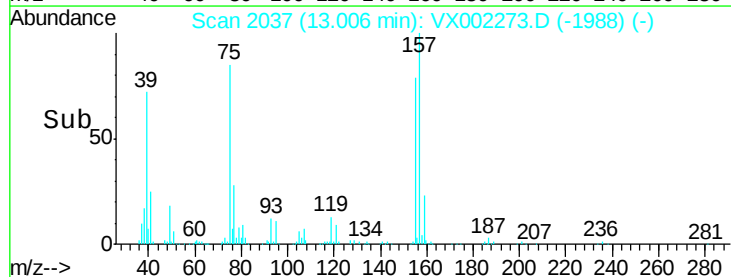
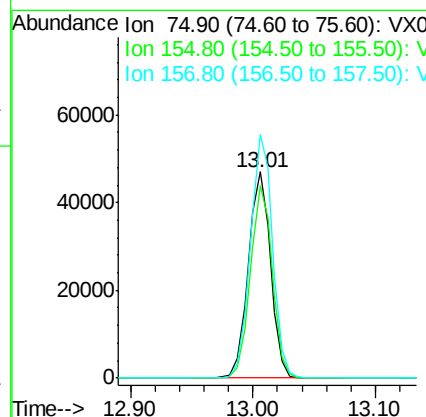
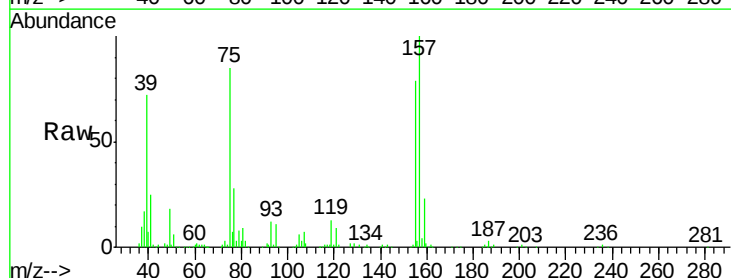
Instrument :
 MSVOA_X
 ClientSampleId :

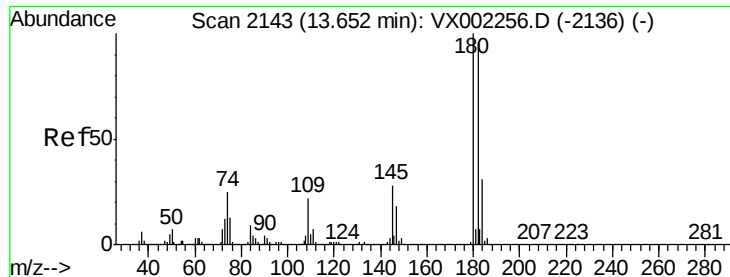
Tot Ion:146 Resp: 433915
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 64.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.64 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion: 75 Resp: 59157
 Ion Ratio Lower Upper
 75 100
 155 92.3 45.8 137.4
 157 117.5 60.1 180.3

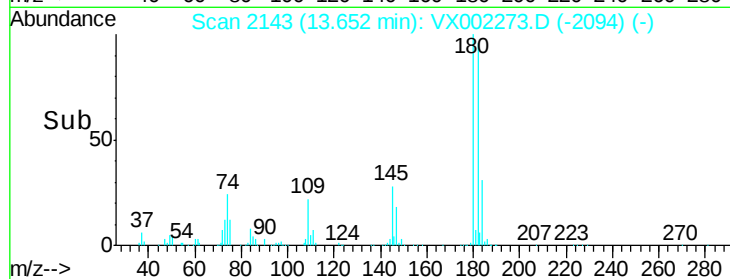
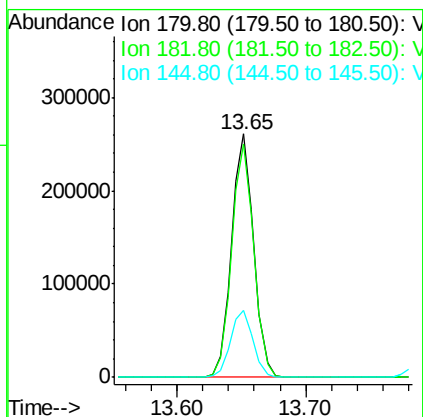
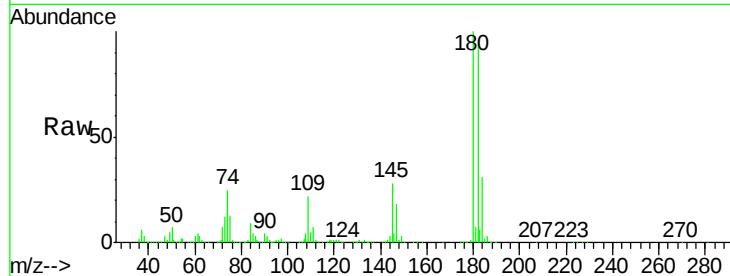




#93
 1,2,4-Trichlorobenzene
 Concen: 48.60 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

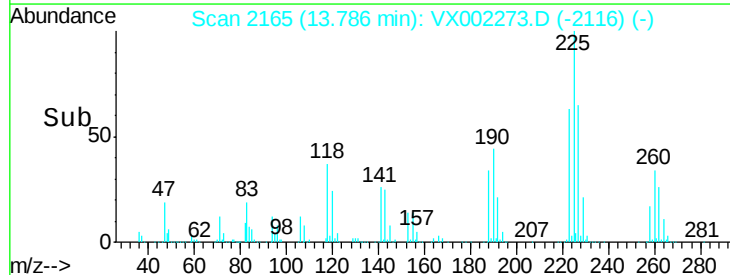
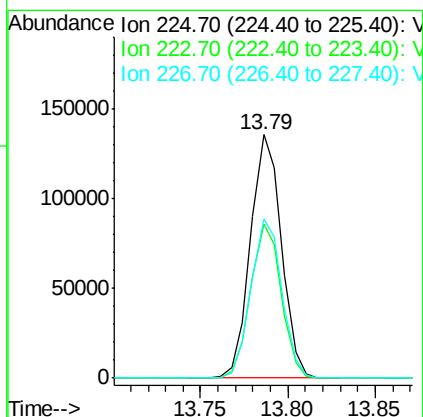
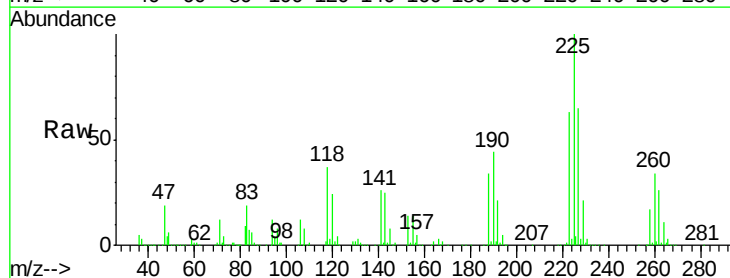
Instrument :
 MSVOA_X
 ClientSampleId :

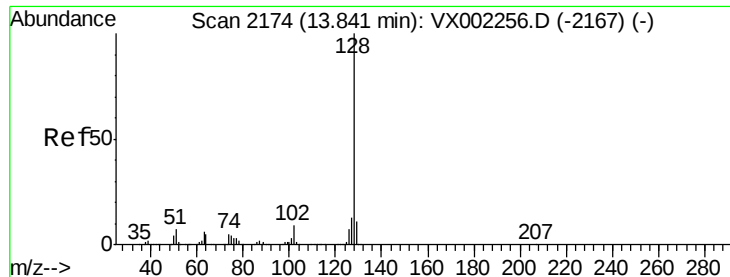
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.7	143.1
145	28.0	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 52.44 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002273.D
 Acq: 04 Jun 2018 21:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	95.0
227	65.3	32.4	97.2





#95

Naphthalene

Concen: 48.94 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

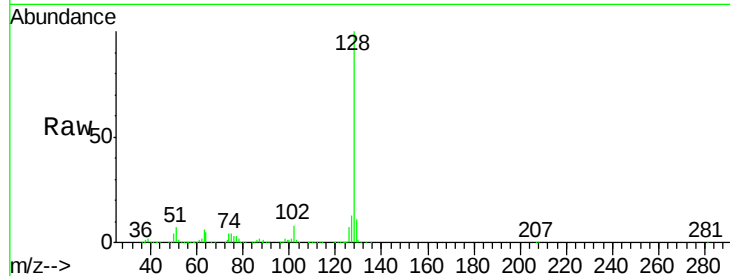
Tot Ion:128 Resp: 905523

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

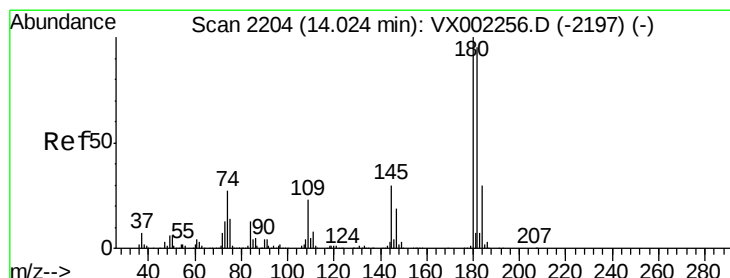
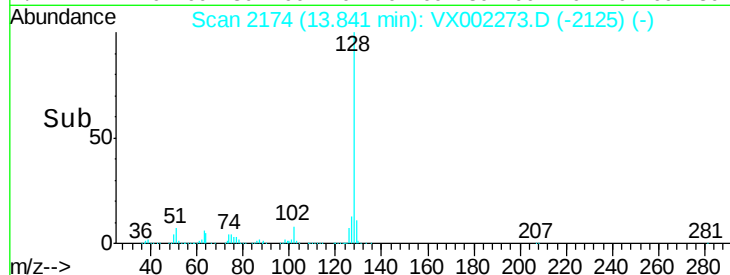
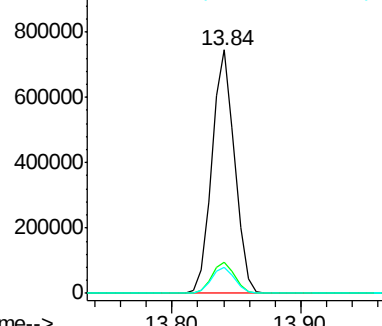
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.93 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002273.D

Acq: 04 Jun 2018 21:00

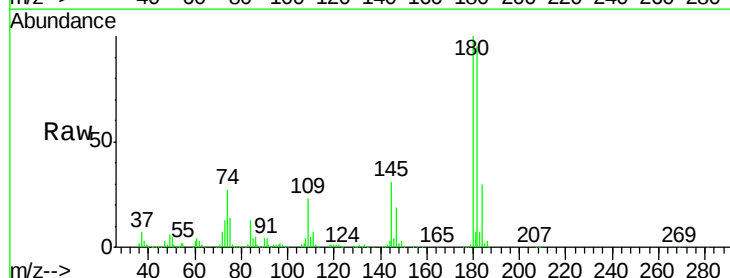
Tgt Ion:180 Resp: 321379

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 29.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

