

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
 Data File : VX002417.D
 Acq On : 09 Jun 2018 10:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 04:03:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159715	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	5.51	113	125726	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	8.72	98	483684	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
62) 4-Bromofluorobenzene	11.14	95	188336	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125321	48.62	ug/l	99
3) Chloromethane	1.32	50	135481	45.62	ug/l	99
4) Vinyl Chloride	1.41	62	153099	47.13	ug/l	98
5) Bromomethane	1.64	94	66987	35.47	ug/l	98
6) Chloroethane	1.72	64	100711	47.92	ug/l	99
7) Trichlorofluoromethane	1.93	101	267016	53.94	ug/l	98
8) Diethyl Ether	2.19	74	93461	53.29	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154668	57.90	ug/l	98
10) Methyl Iodide	2.51	142	99369	26.45	ug/l	99
11) Tert butyl alcohol	3.07	59	146525	197.46	ug/l	99
12) 1,1-Dichloroethene	2.38	96	132225	50.09	ug/l	99
13) Acrolein	2.29	56	76203	215.07	ug/l	99
14) Allyl chloride	2.73	41	262662	45.85	ug/l	98
15) Acrylonitrile	3.15	53	366518	242.57	ug/l	99
16) Acetone	2.45	43	454988	302.36	ug/l	99
17) Carbon Disulfide	2.57	76	326635	46.95	ug/l	98
18) Methyl Acetate	2.78	43	178549	50.28	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	491809	53.68	ug/l	100
20) Methylene Chloride	2.86	84	148063	52.97	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	139783	48.02	ug/l	99
22) Diisopropyl ether	3.87	45	522402	54.72	ug/l	95
23) Vinyl Acetate	3.82	43	2261334	243.49	ug/l	100
24) 1,1-Dichloroethane	3.70	63	280046	49.46	ug/l	99
25) 2-Butanone	4.70	43	518303	213.18	ug/l	100
26) 2,2-Dichloropropane	4.59	77	206587	46.68	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	142412	44.98	ug/l	95
28) Bromochloromethane	5.03	49	127426	53.14	ug/l	99
29) Tetrahydrofuran	5.17	42	306206	195.34	ug/l	99
30) Chloroform	5.22	83	254600	46.60	ug/l	98
31) Cyclohexane	5.58	56	221848	49.55	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	226759	48.94	ug/l	100
36) 1,1-Dichloropropene	5.80	75	184001	51.07	ug/l	99
37) Ethyl Acetate	4.86	43	190492	43.96	ug/l	100
38) Carbon Tetrachloride	5.79	117	201873	53.55	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235608	52.91	ug/l	98
40) Benzene	6.15	78	545318	49.36	ug/l	97
41) Methacrylonitrile	5.06	41	111624	45.00	ug/l	99
42) 1,2-Dichloroethane	6.20	62	213244	48.58	ug/l	99
43) Isopropyl Acetate	6.46	43	336741	45.75	ug/l	99
44) Trichloroethene	7.21	130	156660	51.09	ug/l	95
45) 1,2-Dichloropropane	7.52	63	147003	49.29	ug/l	98
46) Dibromomethane	7.66	93	98785	48.86	ug/l	99
47) Bromodichloromethane	7.90	83	189560	51.84	ug/l	97
48) Methyl methacrylate	7.78	41	171598	46.42	ug/l	98
49) 1,4-Dioxane	7.76	88	51975	751.89	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1057346	230.69	ug/l	99
52) Toluene	8.79	92	362638	51.61	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226214	51.59	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	214430	51.83	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	147900	51.18	ug/l	99
56) Ethyl methacrylate	9.18	69	224986	48.76	ug/l	99
57) 1,3-Dichloropropane	9.37	76	242761	50.07	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	555767	260.25	ug/l	99
59) 2-Hexanone	9.50	43	836203	236.20	ug/l	99
60) Dibromochloromethane	9.59	129	158758	54.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	154166	51.16	ug/l	99
64) Tetrachloroethene	9.34	164	177095	50.83	ug/l	97
65) Chlorobenzene	10.14	112	420524	50.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	157161	51.64	ug/l	99
67) Ethyl Benzene	10.26	91	732958	52.11	ug/l	100
68) m/p-Xylenes	10.36	106	571847	104.58	ug/l	100
69) o-Xylene	10.70	106	278308	51.14	ug/l	99
70) Styrene	10.71	104	465995	52.38	ug/l	99
71) Bromoform	10.86	173	121821	45.06	ug/l	100
73) Isopropylbenzene	11.02	105	777471	50.61	ug/l	100
74) N-amyl acetate	6.46	43	336741	40.69	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	216710	44.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	246043	50.78	ug/l	80
77) Bromobenzene	11.26	156	207412	48.10	ug/l	98
78) n-propylbenzene	11.37	91	903471	52.92	ug/l	100
79) 2-Chlorotoluene	11.43	91	517243	47.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	666348	50.58	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56845	41.13	ug/l	97
82) 4-Chlorotoluene	11.51	91	622539	50.03	ug/l	100
83) tert-Butylbenzene	11.77	119	655323	51.08	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	684284	50.46	ug/l	99
85) sec-Butylbenzene	11.95	105	815324	54.21	ug/l	100
86) p-Isopropyltoluene	12.07	119	746310	54.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	387922	50.31	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	394531	49.64	ug/l	99
89) n-Butylbenzene	12.39	91	660061	57.45	ug/l	100
90) Hexachloroethane	12.60	117	106730	48.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388766	48.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47479	44.94	ug/l	99

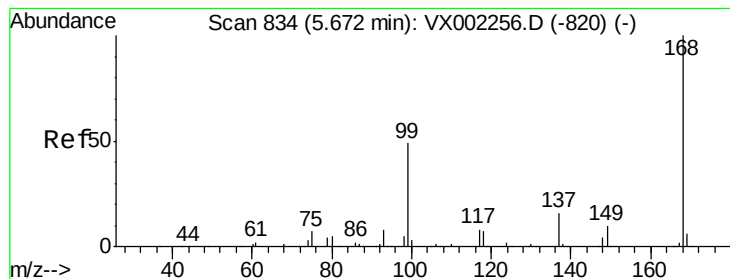
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060918\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297005	53.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	161971	58.60	ug/l	99
95) Naphthalene	13.84	128	780350	48.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	296075	51.90	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

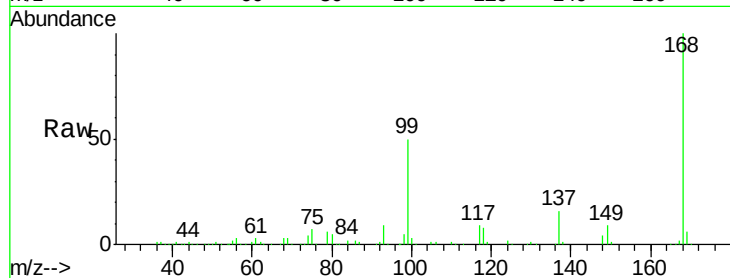
ClientSampleId :

Tot Ion:168 Resp: 247970

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

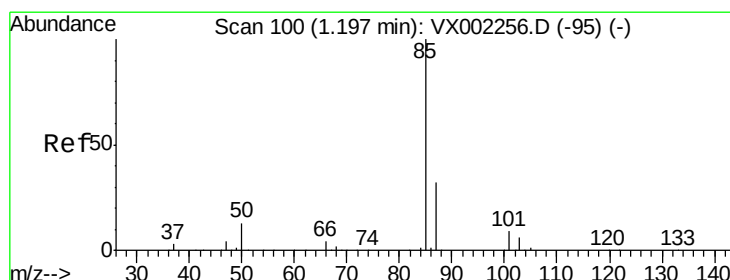
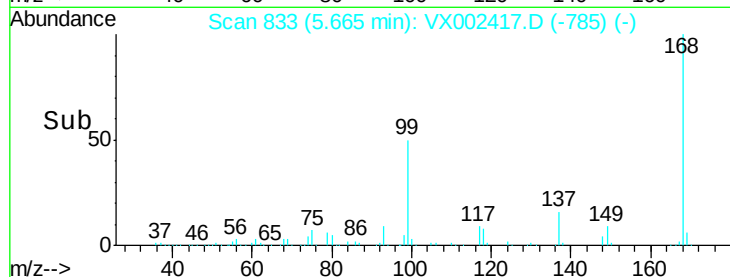
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002417.D

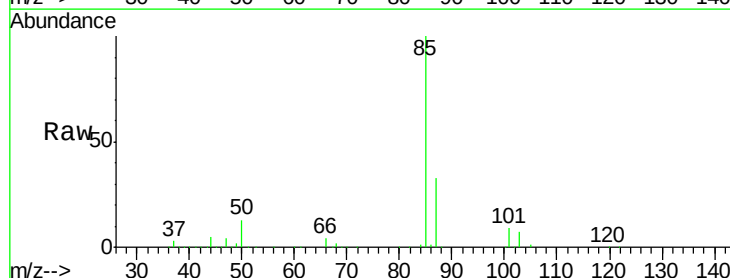
Acq: 09 Jun 2018 10:48

Tgt Ion: 85 Resp: 125321

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

100000

50000

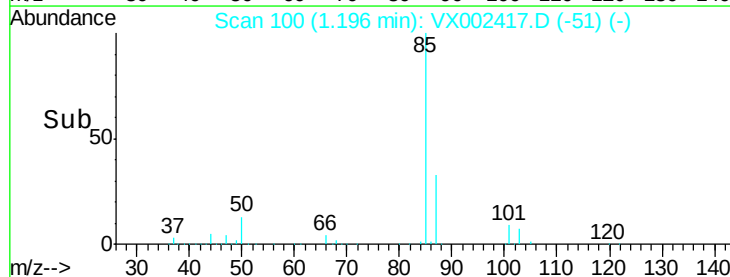
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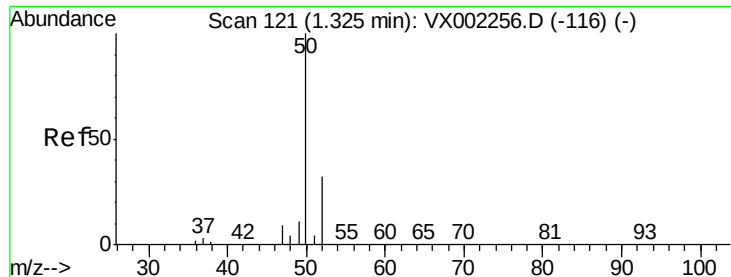
1.10

1.20

1.30

Time-->

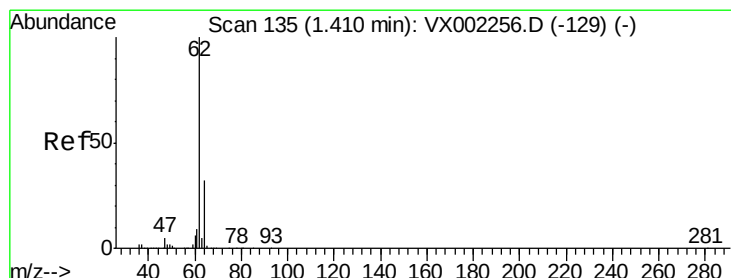
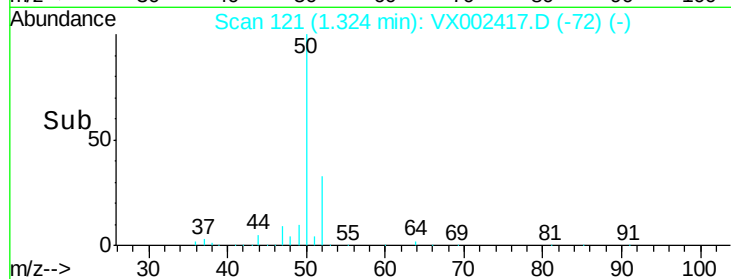
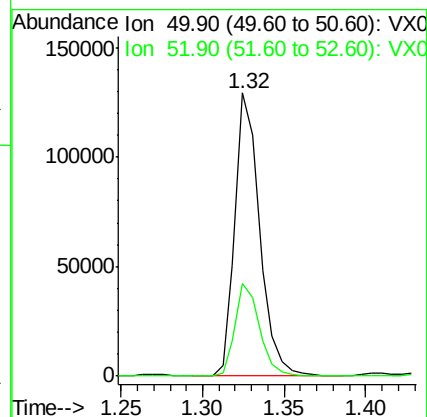
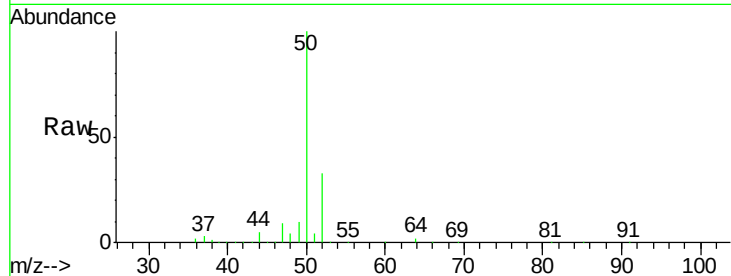




#3
Chloromethane
Concen: 45.62 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

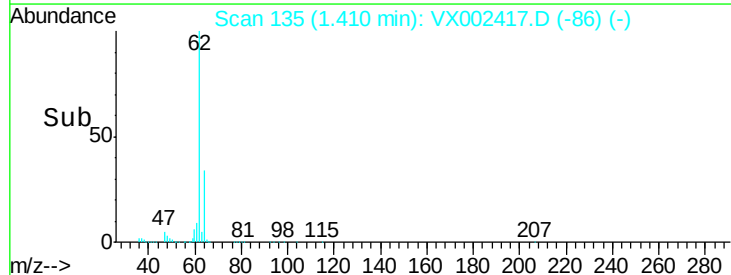
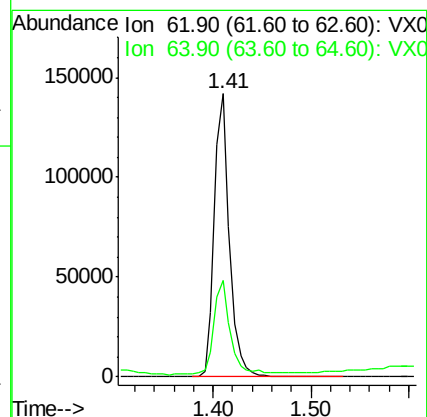
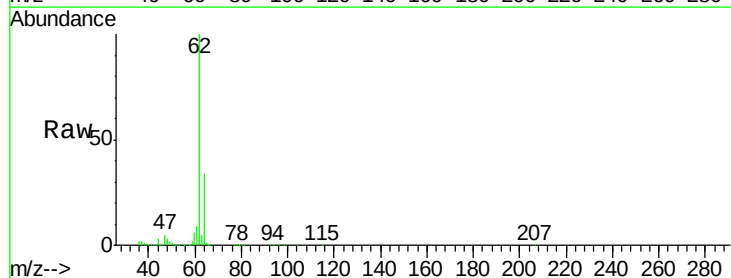
Instrument :
MSVOA_X
ClientSampled :

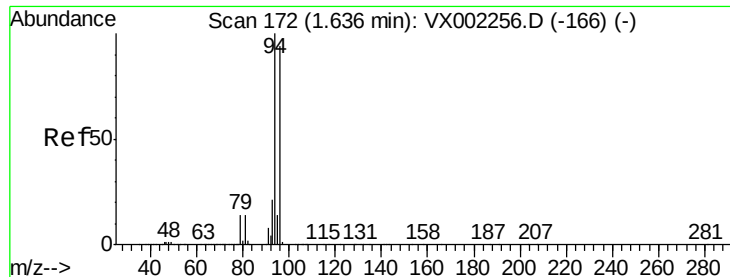
Tot Ion: 50 Resp: 135481
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 47.13 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 62 Resp: 153099
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





#5

Bromomethane

Concen: 35.47 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

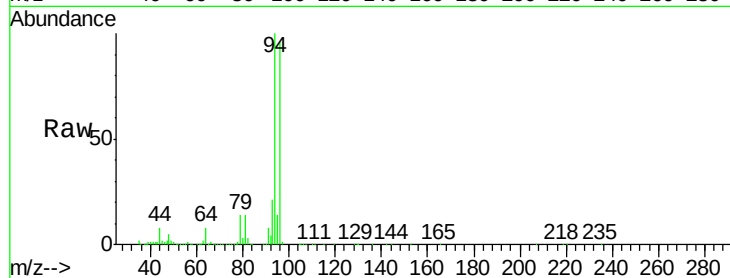
ClientSampleId :

Tot Ion: 94 Resp: 66987

Ion Ratio Lower Upper

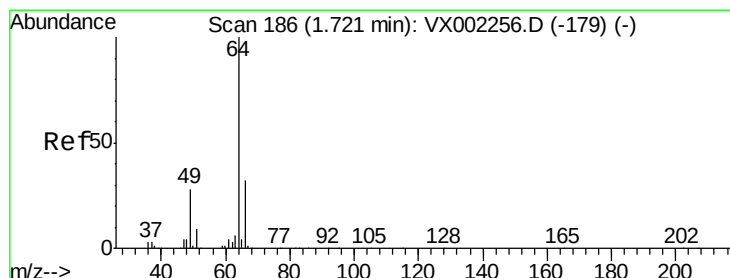
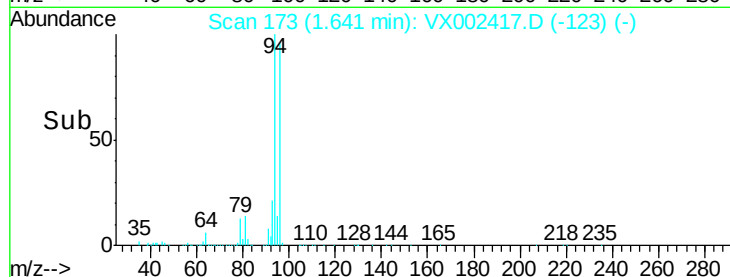
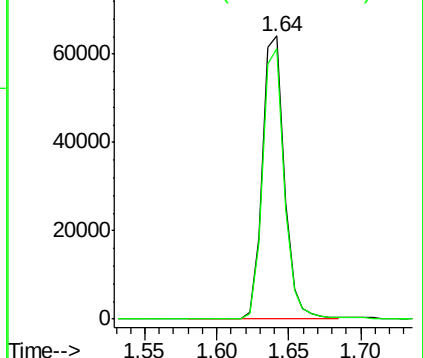
94 100

96 95.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.92 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002417.D

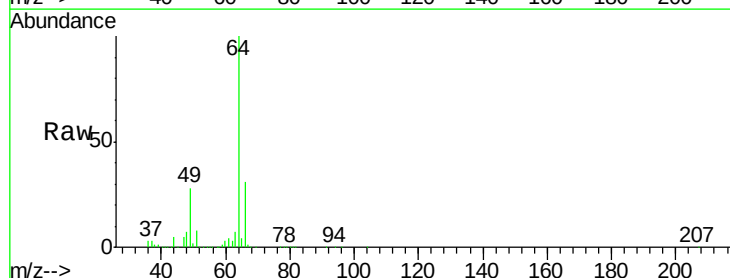
Acq: 09 Jun 2018 10:48

Tgt Ion: 64 Resp: 100711

Ion Ratio Lower Upper

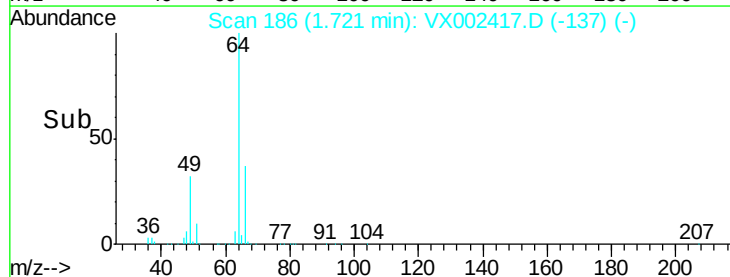
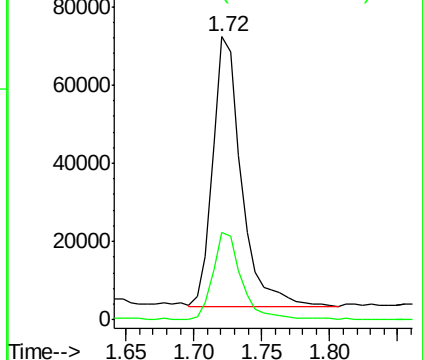
64 100

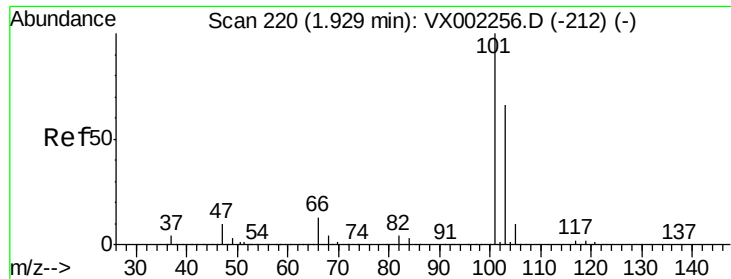
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



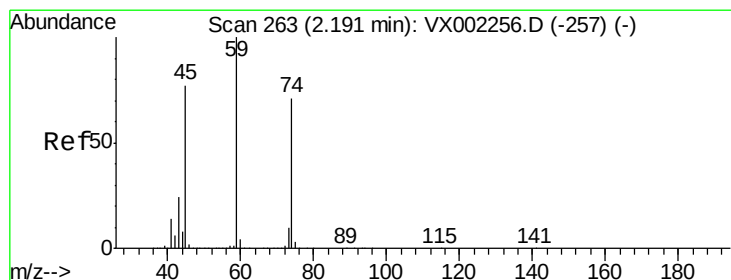
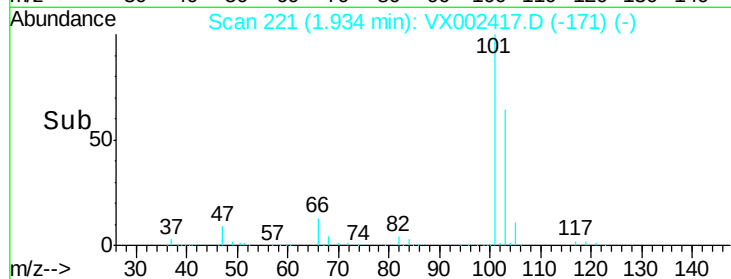
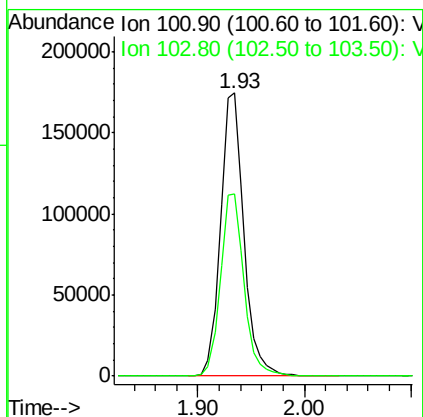
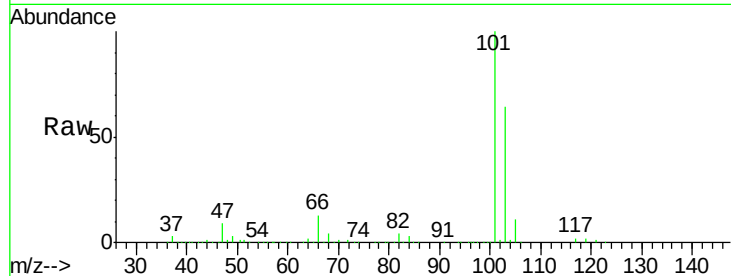


#7

Trichlorofluoromethane
Concen: 53.94 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampleId :

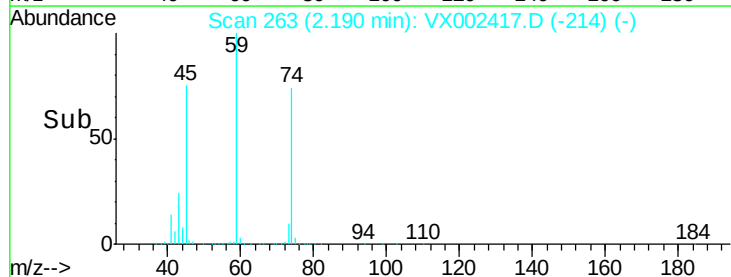
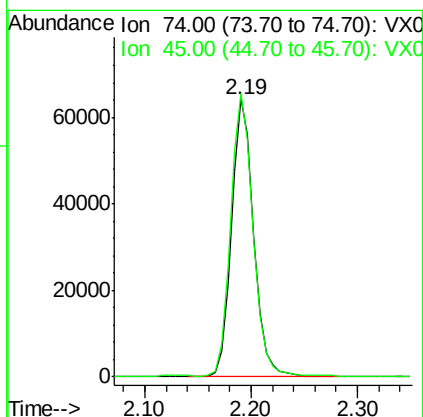
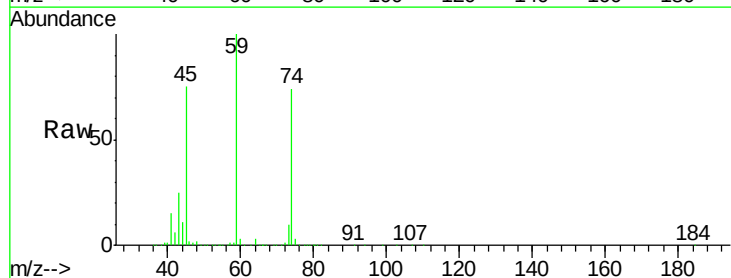
Tot Ion:101 Resp: 267016
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2

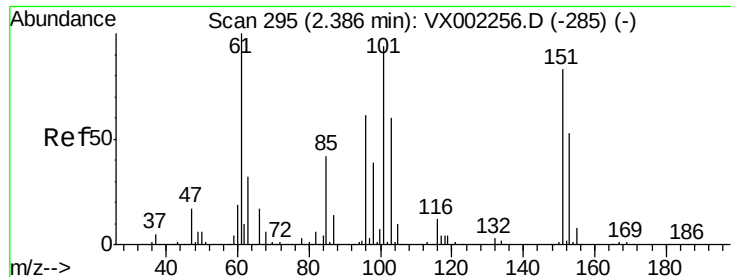


#8

Diethyl Ether
Concen: 53.29 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 74 Resp: 93461
Ion Ratio Lower Upper
74 100
45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

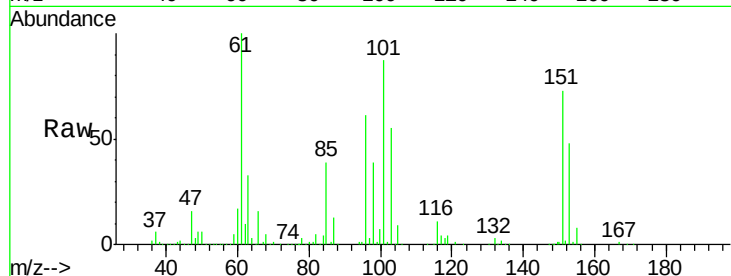
Tot Ion:101 Resp: 154668

Ion Ratio Lower Upper

101 100

85 45.9 36.0 54.0

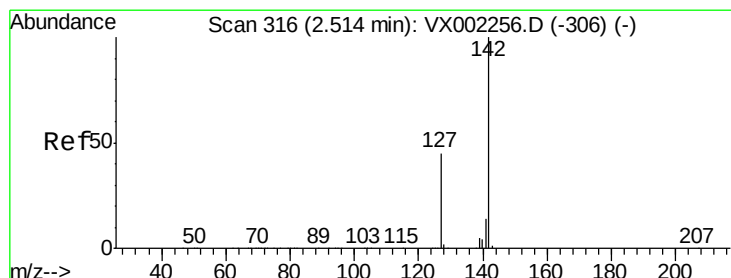
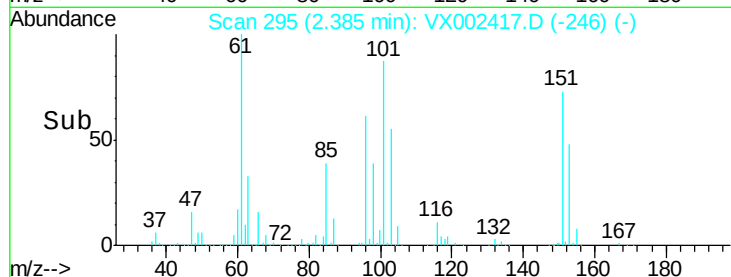
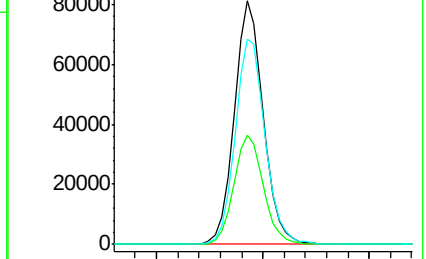
151 87.1 70.9 106.3



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: 26.45 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

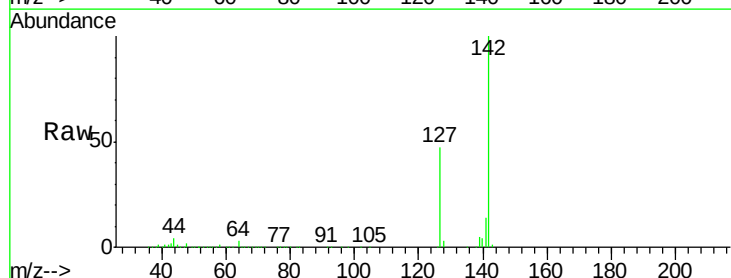
Tgt Ion:142 Resp: 99369

Ion Ratio Lower Upper

142 100

127 46.4 36.6 55.0

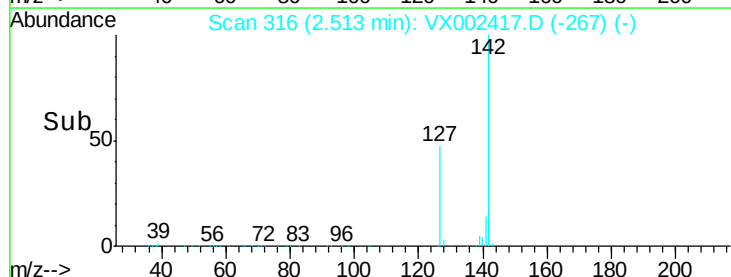
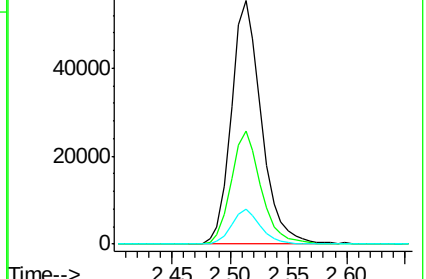
141 14.0 11.3 16.9

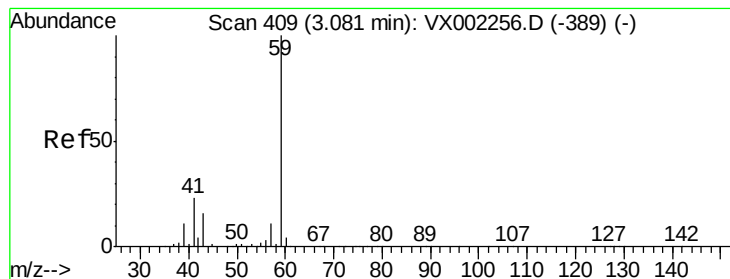


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



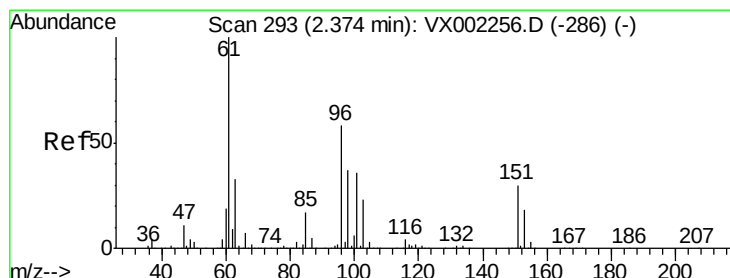
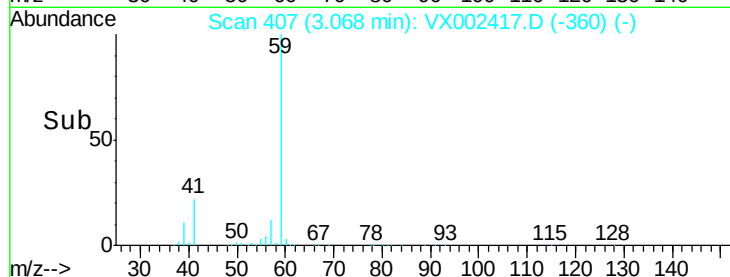
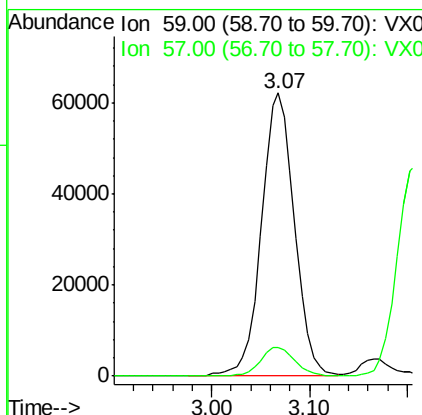
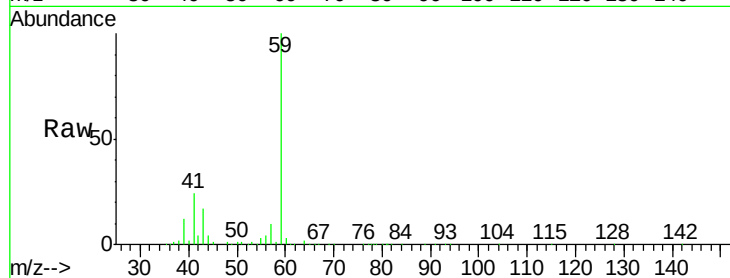


#11

Tert butyl alcohol
 Concen: 197.46 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampled :

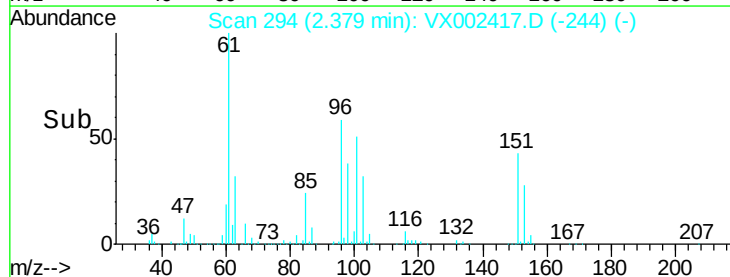
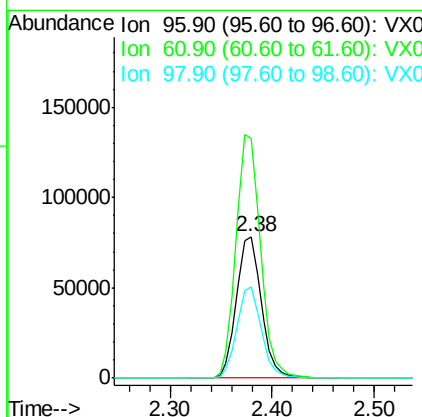
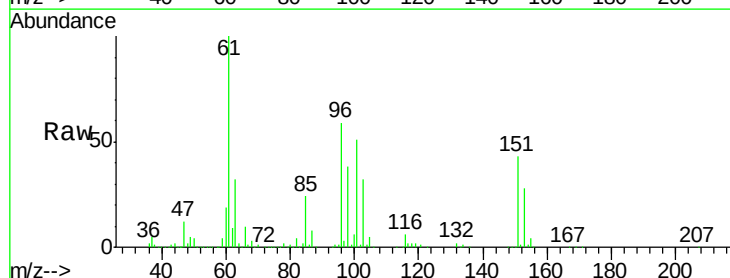
Tot Ion: 59 Resp: 146525
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

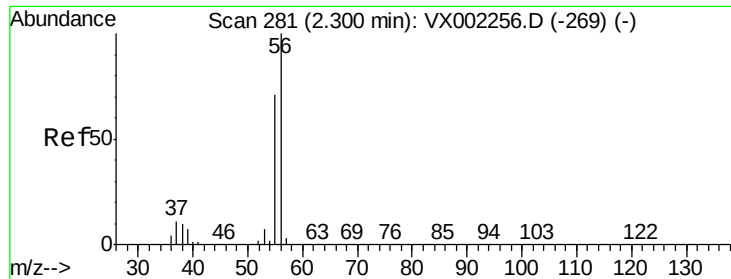


#12

1,1-Dichloroethene
 Concen: 50.09 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion: 96 Resp: 132225
 Ion Ratio Lower Upper
 96 100
 61 170.0 137.9 206.9
 98 64.6 51.6 77.4





#13

Acrolein

Concen: 215.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

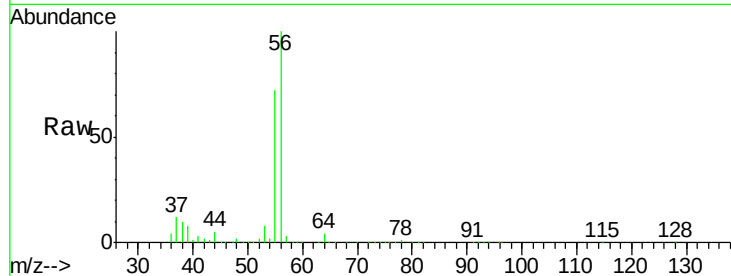
ClientSampleId :

Tot Ion: 56 Resp: 76203

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

50000

40000

30000

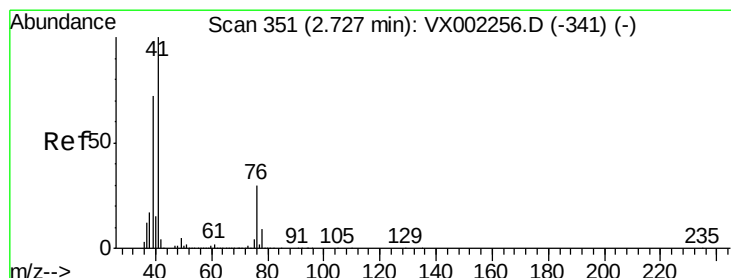
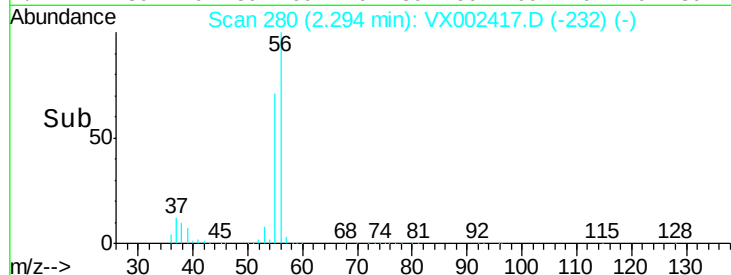
20000

10000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 45.85 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

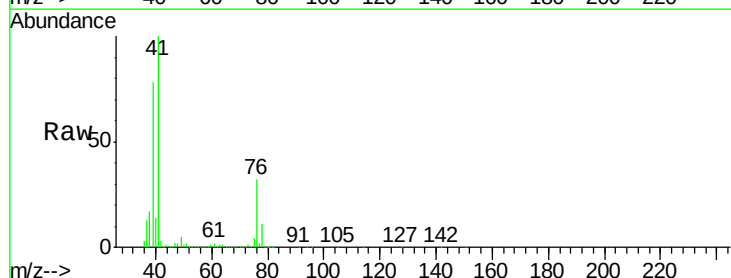
Tgt Ion: 41 Resp: 262662

Ion Ratio Lower Upper

41 100

39 72.8 56.8 85.2

76 30.5 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

250000

200000

150000

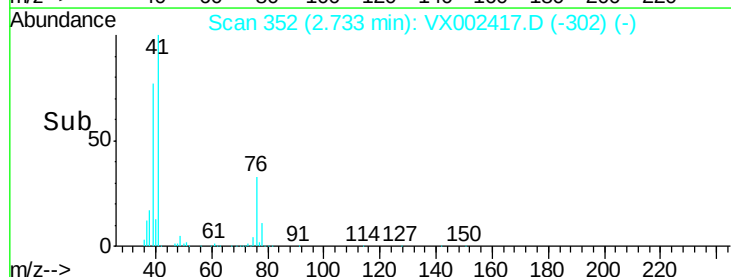
100000

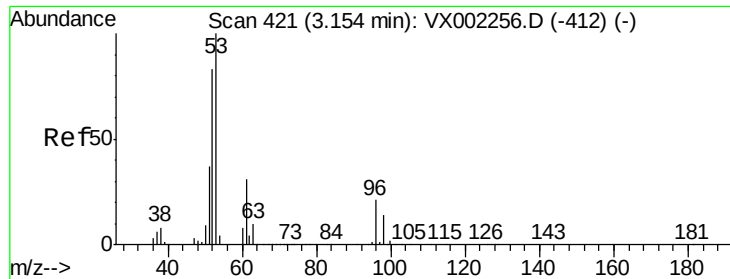
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 242.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

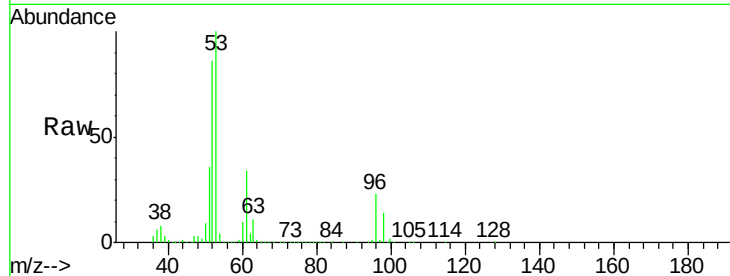
Tot Ion: 53 Resp: 366518

Ion Ratio Lower Upper

53 100

52 84.2 66.7 100.1

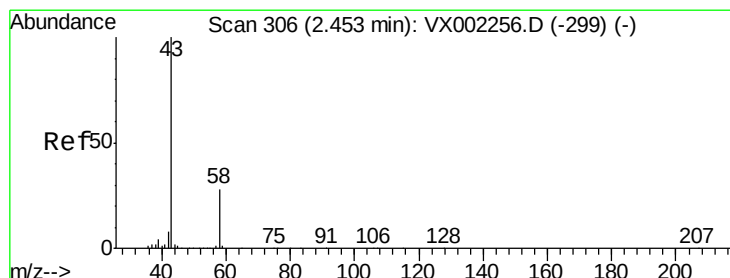
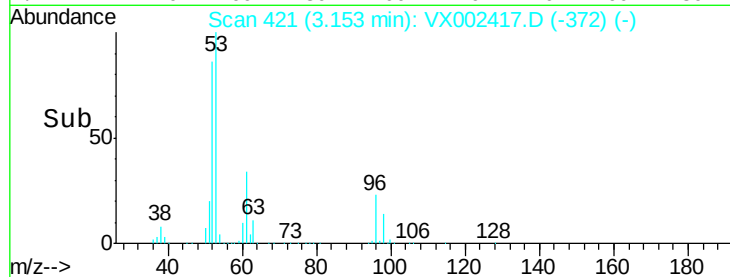
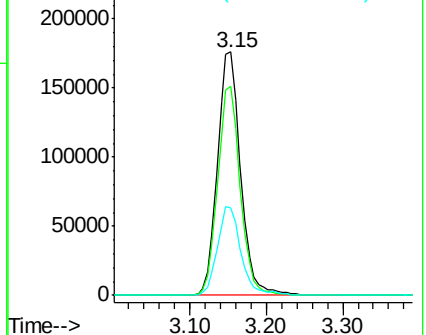
51 37.2 29.9 44.9



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: 302.36 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002417.D

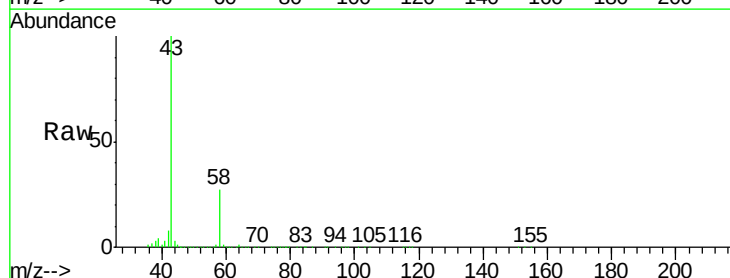
Acq: 09 Jun 2018 10:48

Tgt Ion: 43 Resp: 454988

Ion Ratio Lower Upper

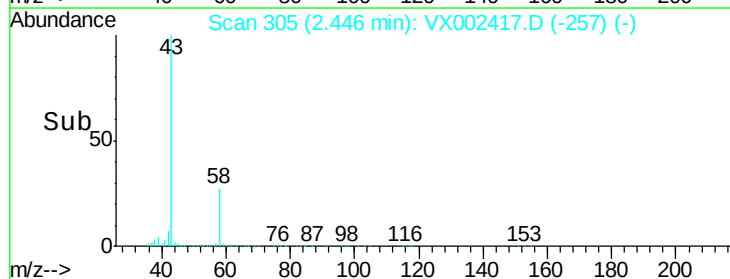
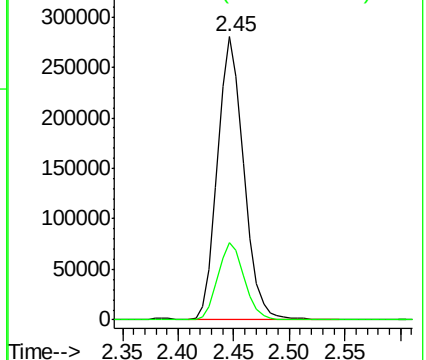
43 100

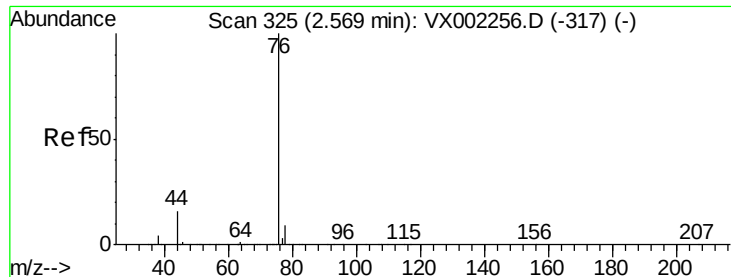
58 27.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.95 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

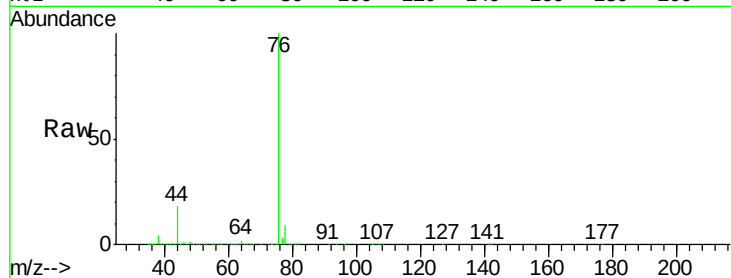
ClientSampleId :

Tot Ion: 76 Resp: 326635

Ion Ratio Lower Upper

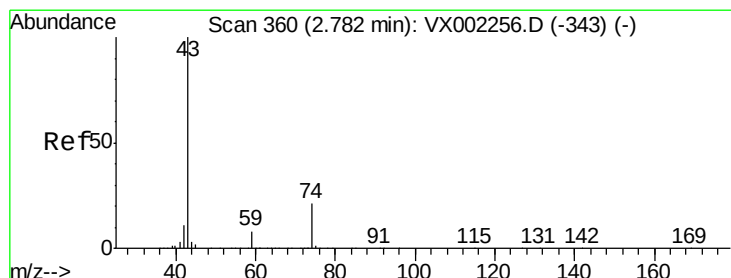
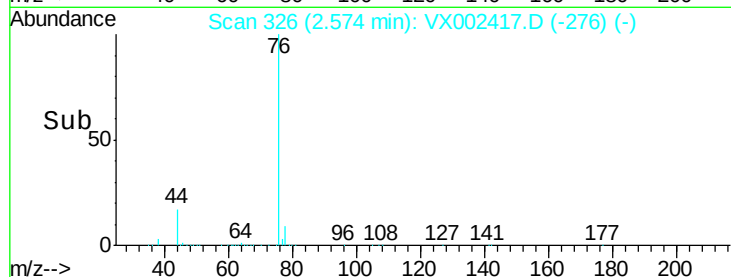
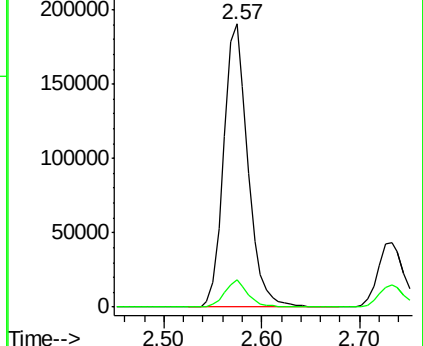
76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.28 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002417.D

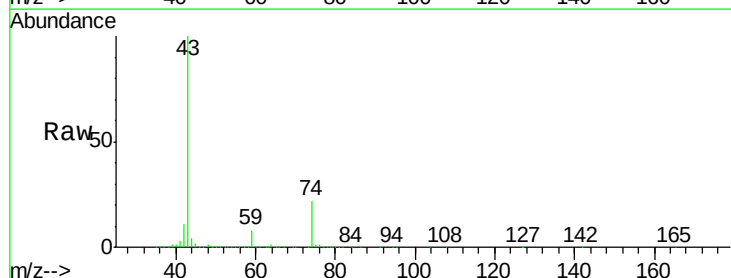
Acq: 09 Jun 2018 10:48

Tgt Ion: 43 Resp: 178549

Ion Ratio Lower Upper

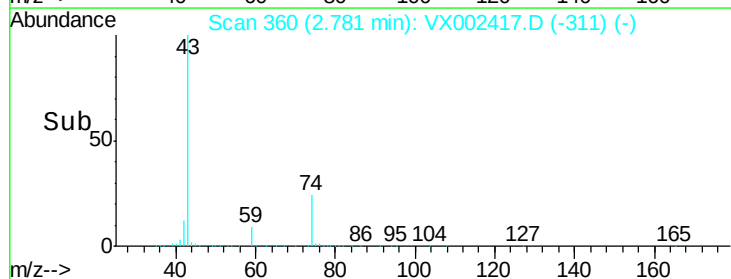
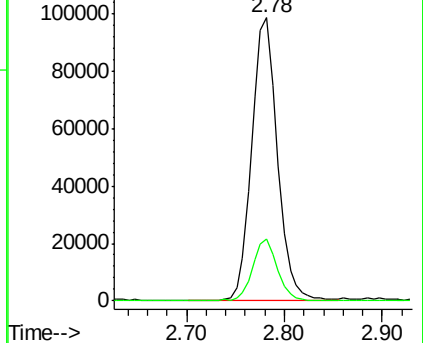
43 100

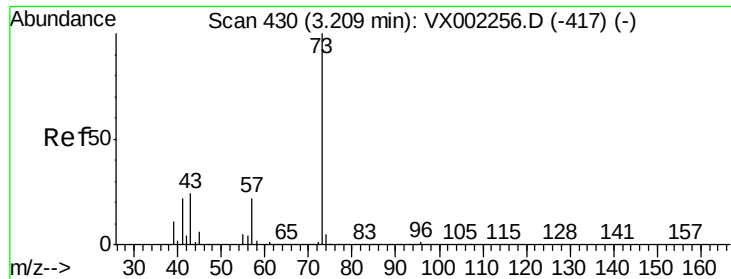
74 21.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 53.68 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

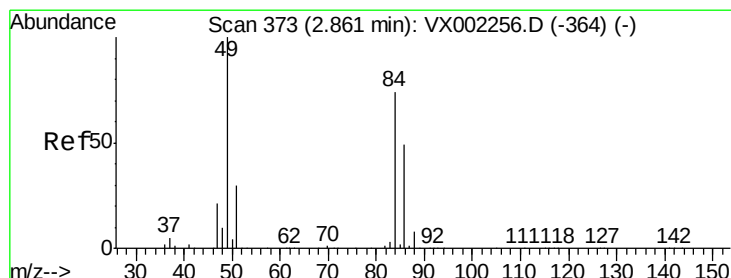
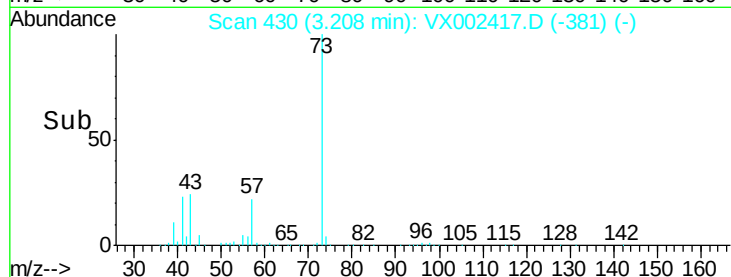
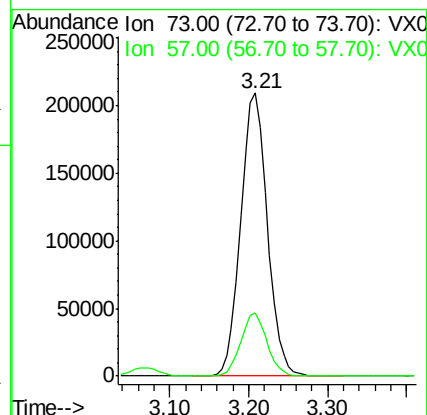
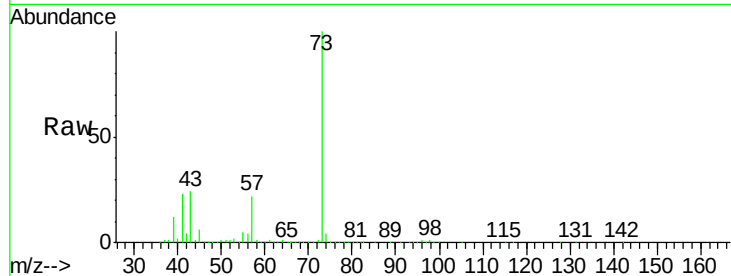
ClientSampleId :

Tot Ion: 73 Resp: 491809

Ion Ratio Lower Upper

73 100

57 22.1 17.7 26.5



#20

Methylene Chloride

Concen: 52.97 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion: 84 Resp: 148063

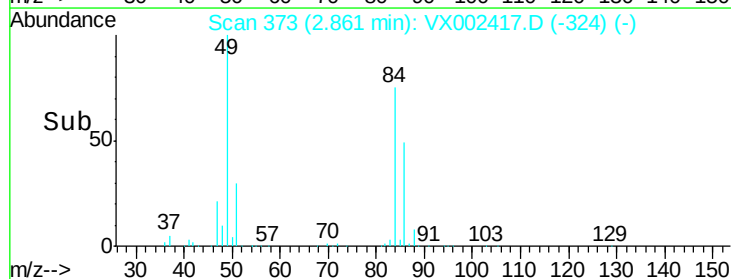
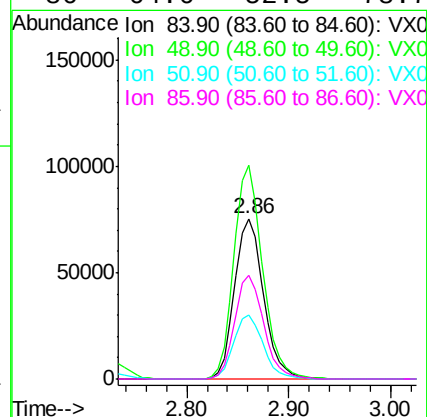
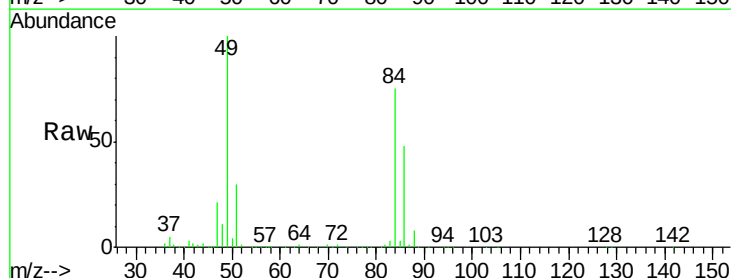
Ion Ratio Lower Upper

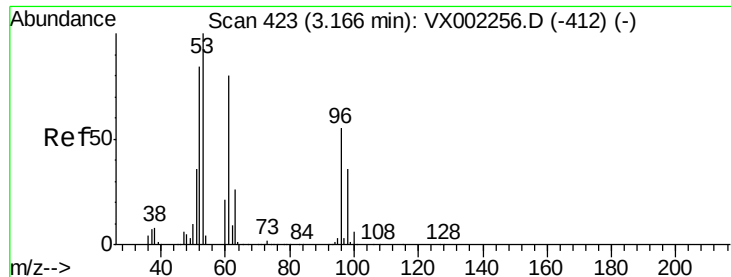
84 100

49 133.1 107.8 161.6

51 39.9 32.8 49.2

86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

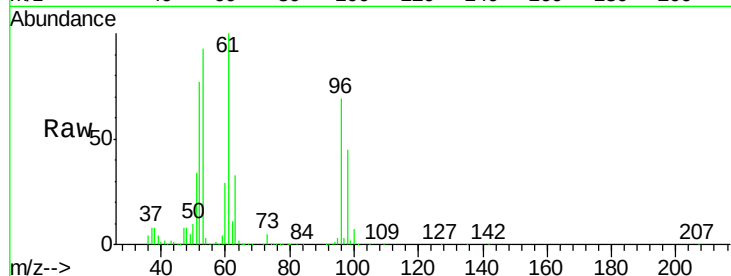
Tot Ion: 96 Resp: 139783

Ion Ratio Lower Upper

96 100

61 143.8 117.0 175.4

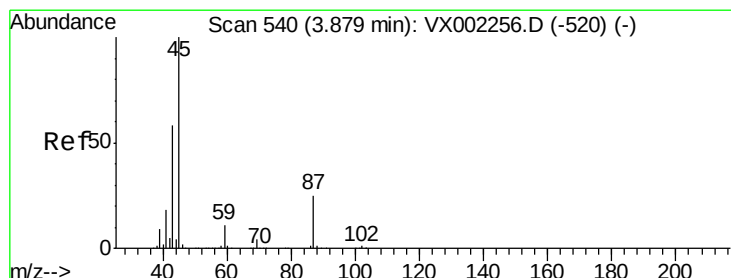
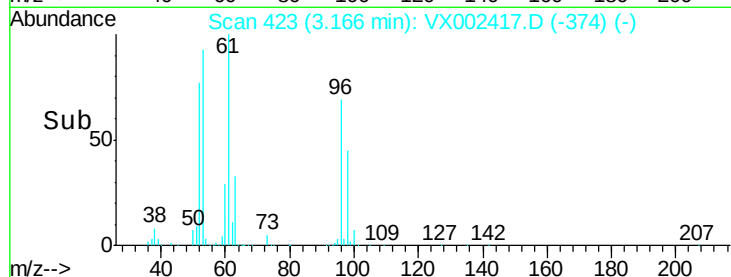
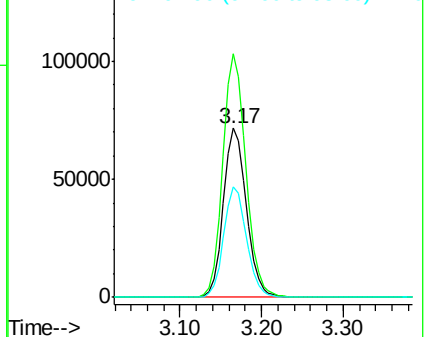
98 65.2 52.4 78.6



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: 54.72 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion: 45 Resp: 522402

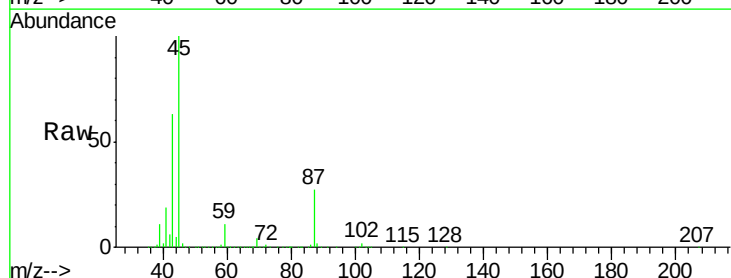
Ion Ratio Lower Upper

45 100

43 63.3 46.8 70.2

87 26.6 20.2 30.4

59 11.0 8.7 13.1

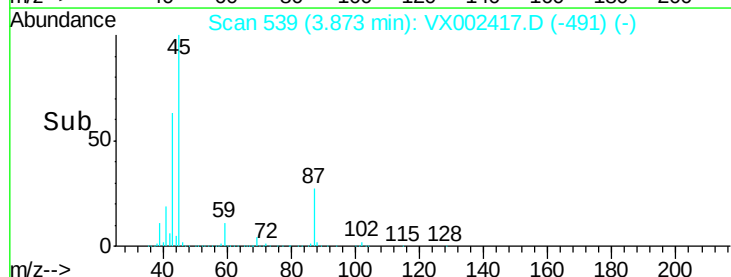
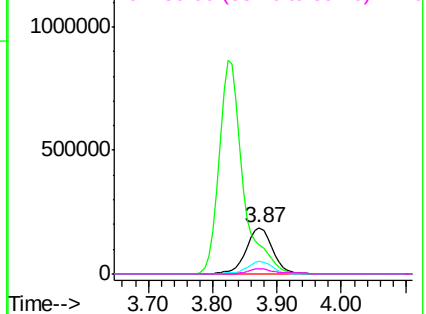


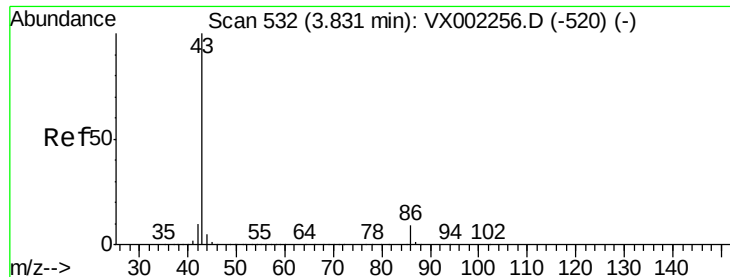
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 243.49 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

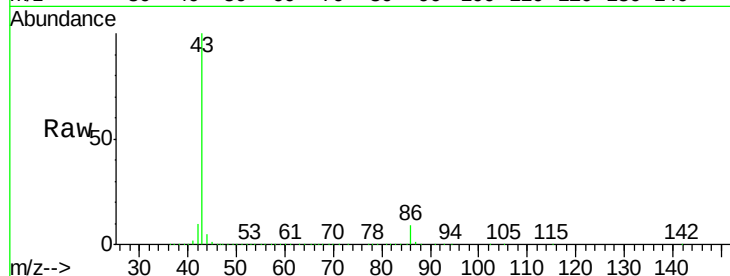
ClientSampleId :

Tot Ion: 43 Resp: 2261334

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

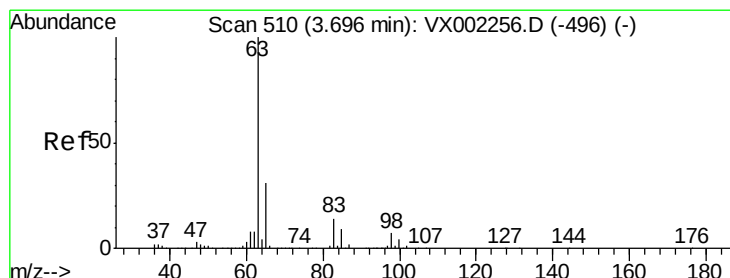
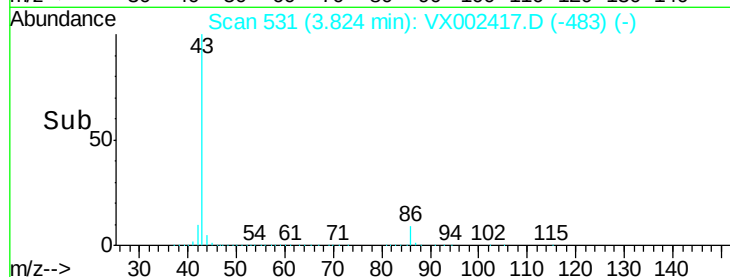
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 49.46 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

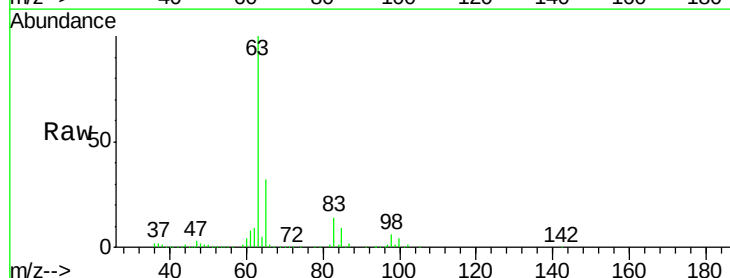
Tgt Ion: 63 Resp: 280046

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.3 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

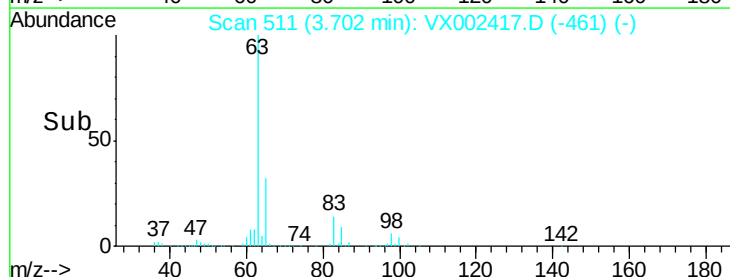
150000

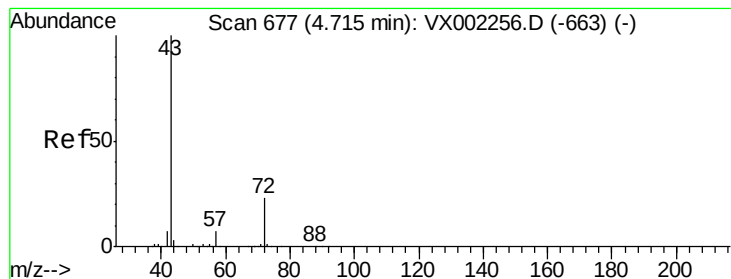
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 213.18 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

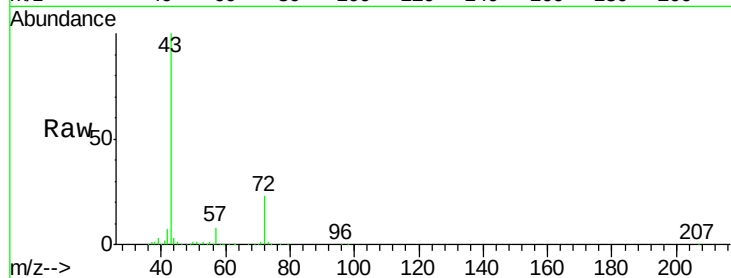
ClientSampled :

Tot Ion: 43 Resp: 518303

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

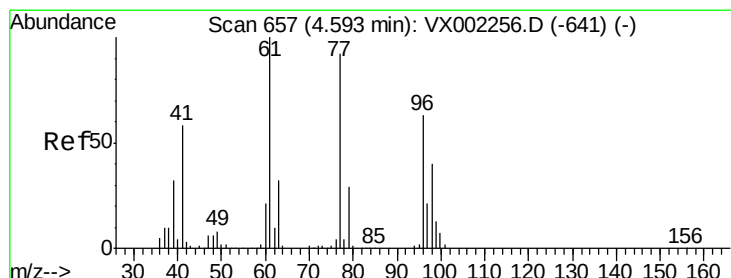
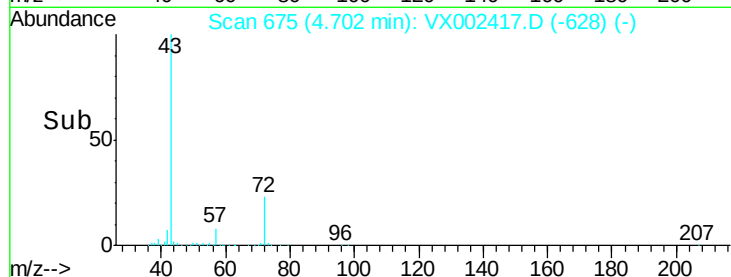
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 46.68 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002417.D

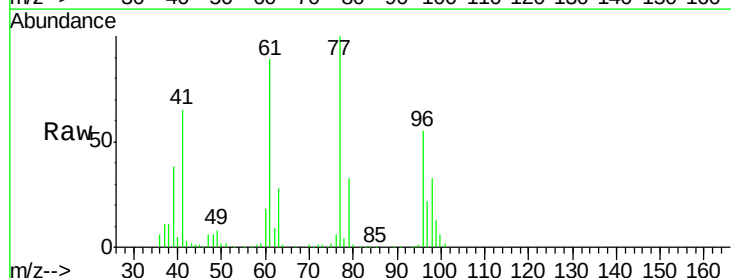
Acq: 09 Jun 2018 10:48

Tgt Ion: 77 Resp: 206587

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

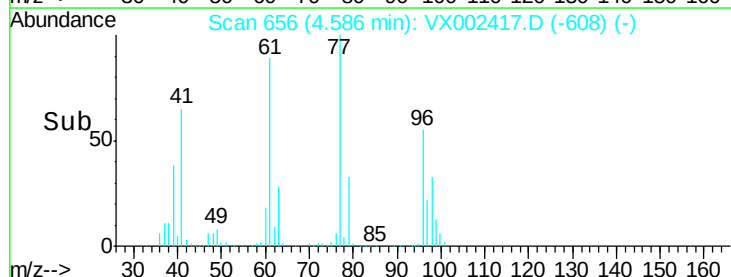
60000

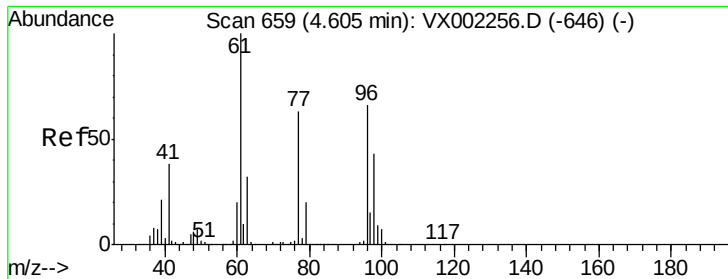
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 44.98 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

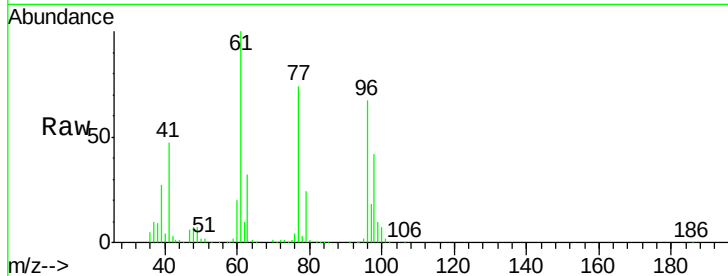
Tot Ion: 96 Resp: 142412

Ion Ratio Lower Upper

96 100

61 155.4 0.0 330.2

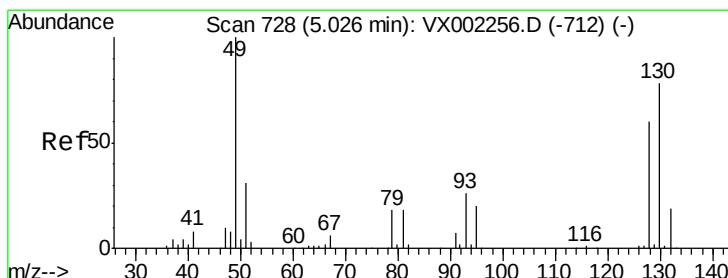
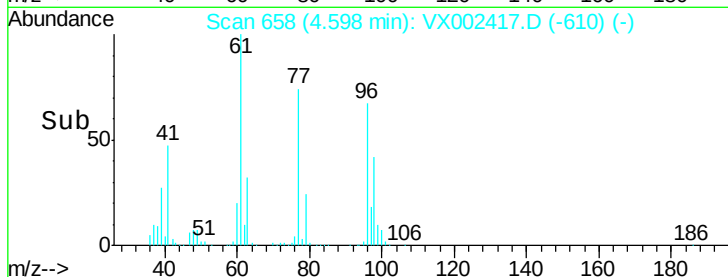
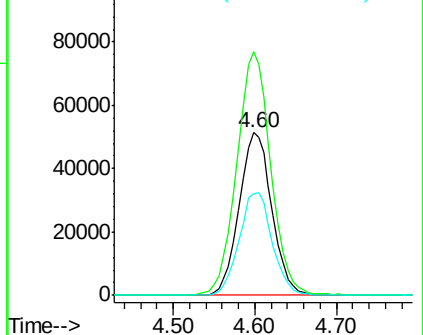
98 64.2 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 53.14 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

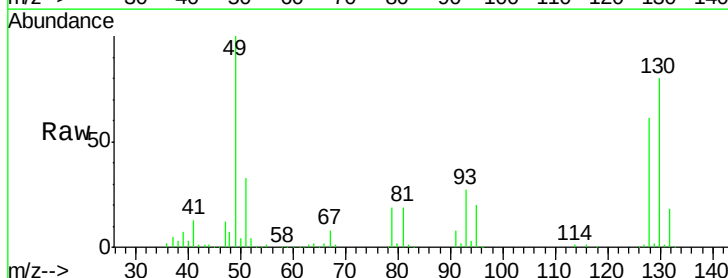
Tgt Ion: 49 Resp: 127426

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

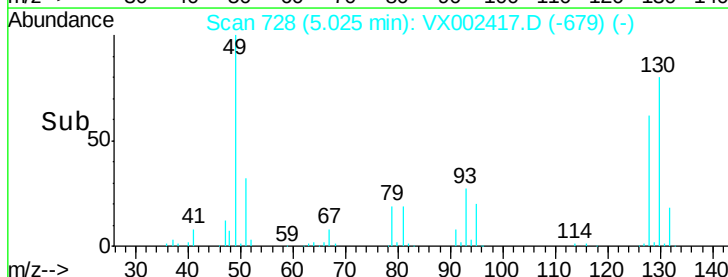
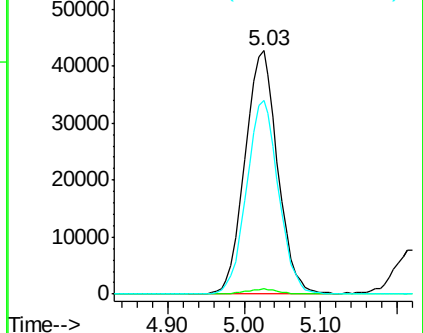
130 77.6 61.2 91.8

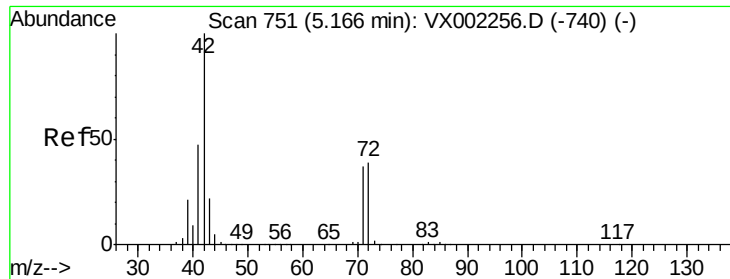


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

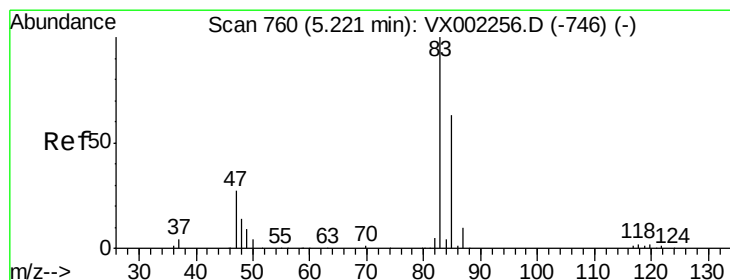
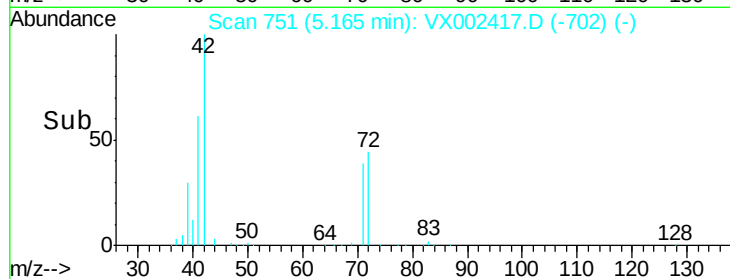
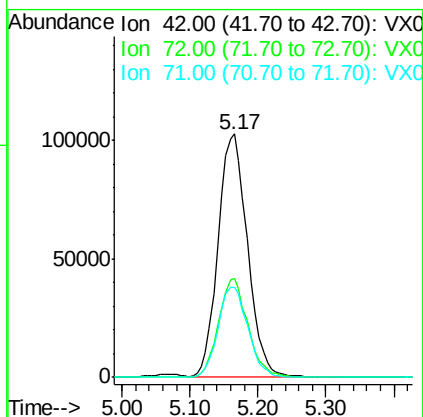
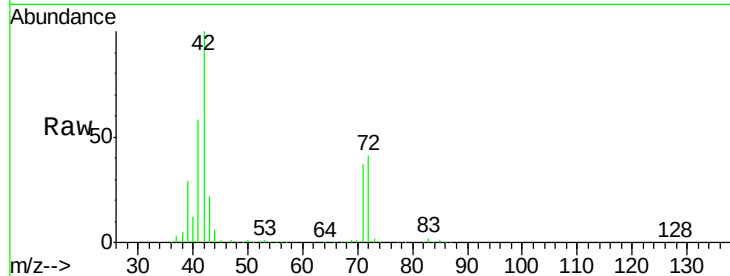




#29
Tetrahydrofuran
Concen: 195.34 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

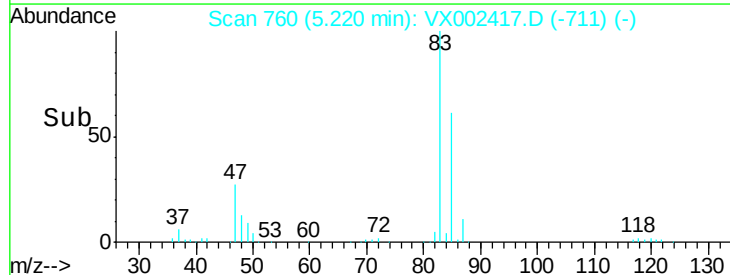
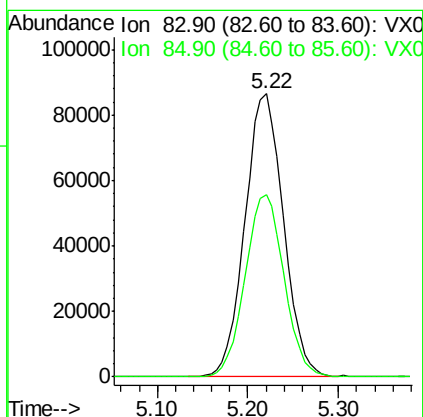
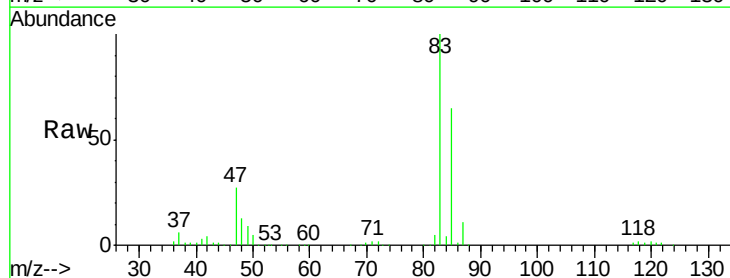
Instrument :
MSVOA_X
ClientSampled :

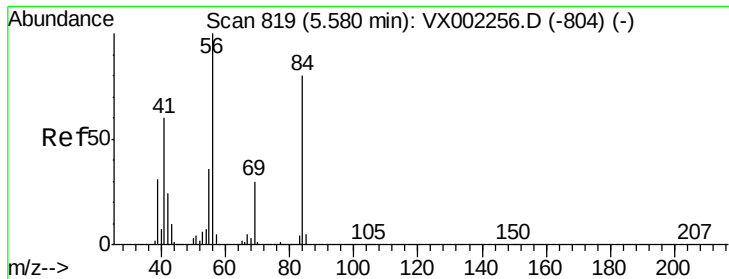
Tot Ion: 42 Resp: 306206
Ion Ratio Lower Upper
42 100
72 40.8 32.0 48.0
71 38.0 30.1 45.1



#30
Chloroform
Concen: 46.60 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 83 Resp: 254600
Ion Ratio Lower Upper
83 100
85 64.6 50.4 75.6





#31

Cyclohexane

Concen: 49.55 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

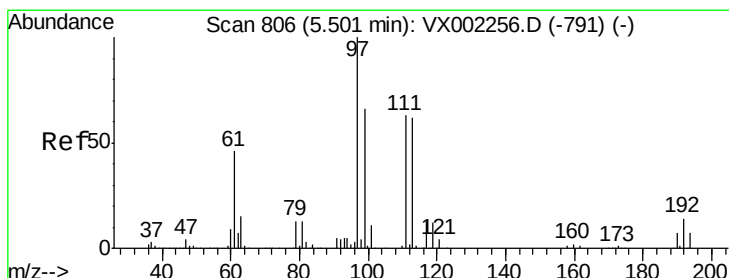
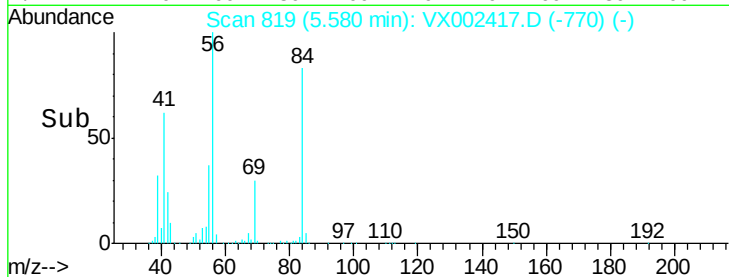
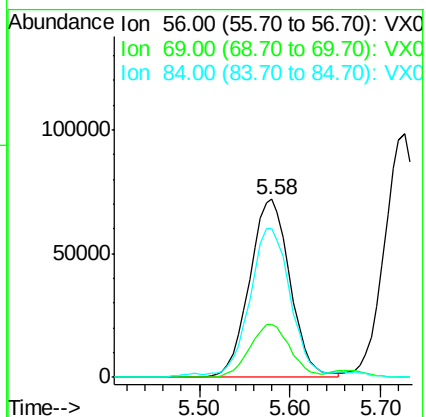
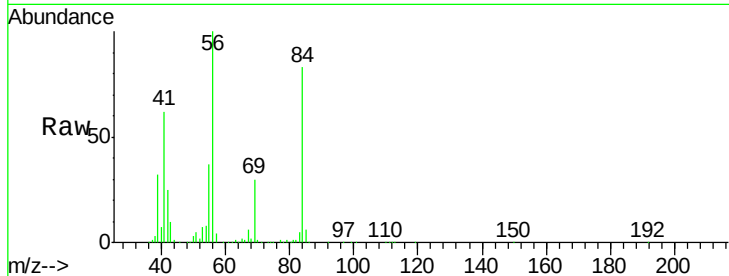
Tot Ion: 56 Resp: 221848

Ion Ratio Lower Upper

56 100

69 29.7 23.7 35.5

84 82.0 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 48.94 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

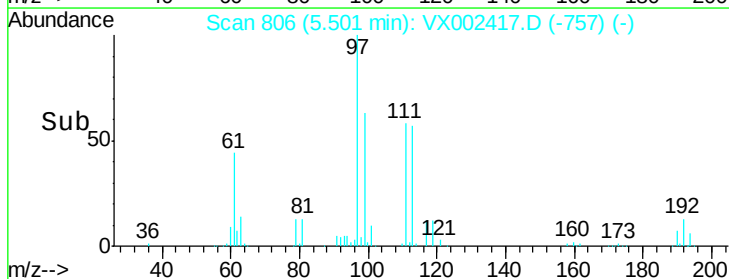
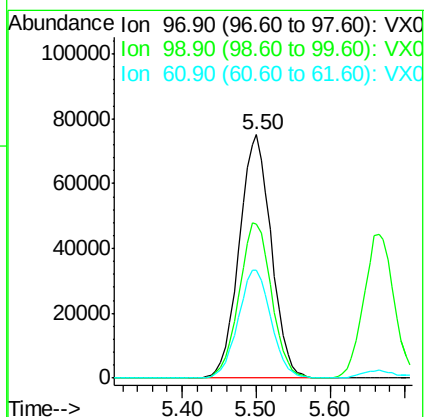
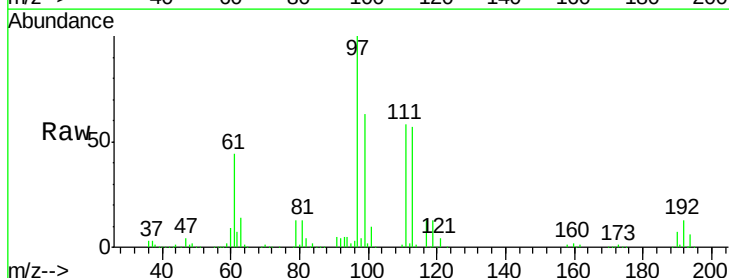
Tgt Ion: 97 Resp: 226759

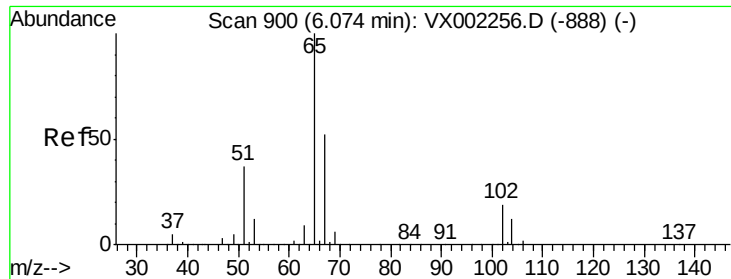
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 45.6 36.4 54.6

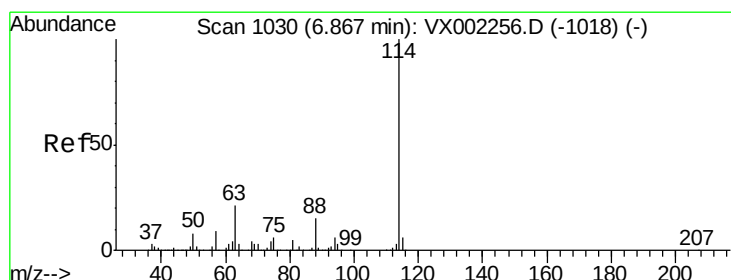
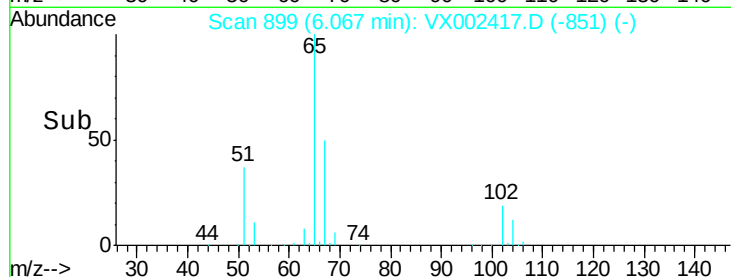
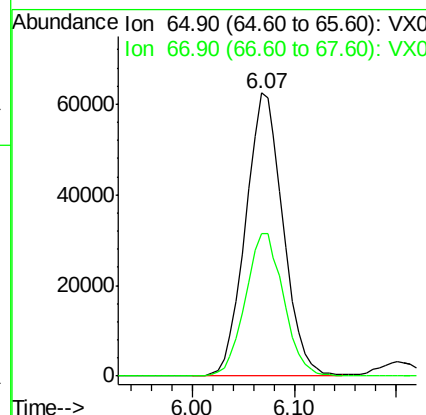
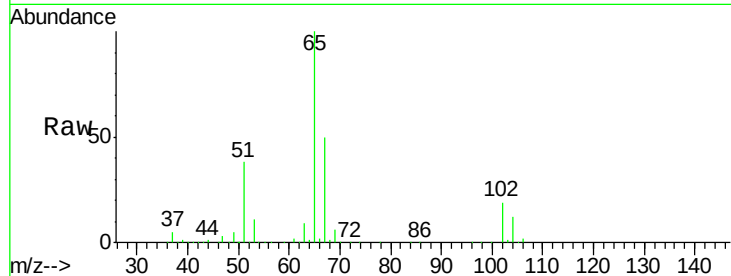




#33
 1,2-Dichloroethane-d4
 Concen: 44.67 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

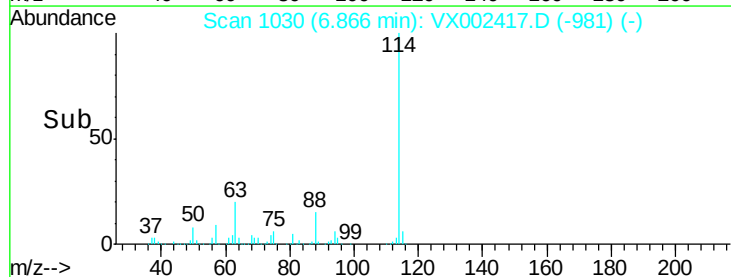
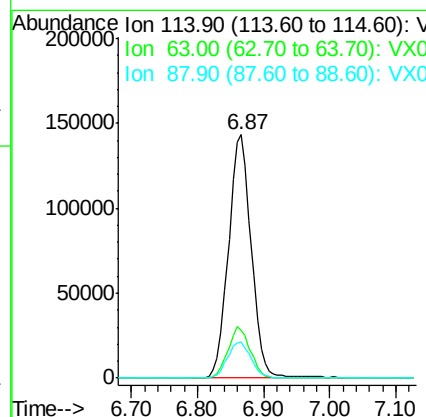
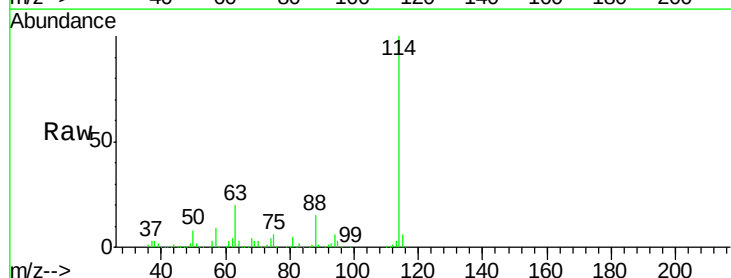
Instrument :
 MSVOA_X
 ClientSampleId :

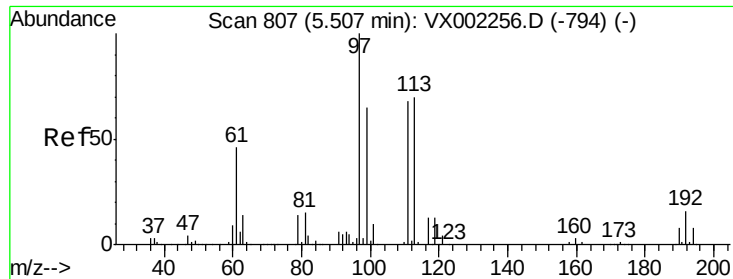
Tot Ion: 65 Resp: 159715
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion: 114 Resp: 342741
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 14.9 0.0 30.0

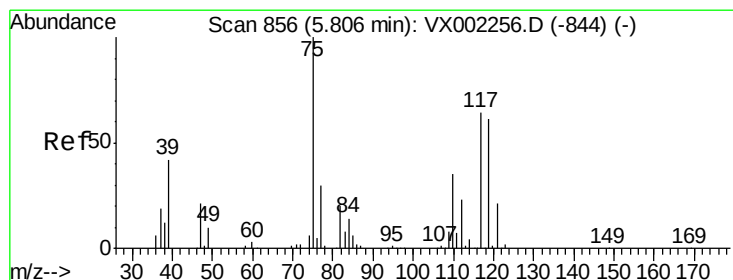
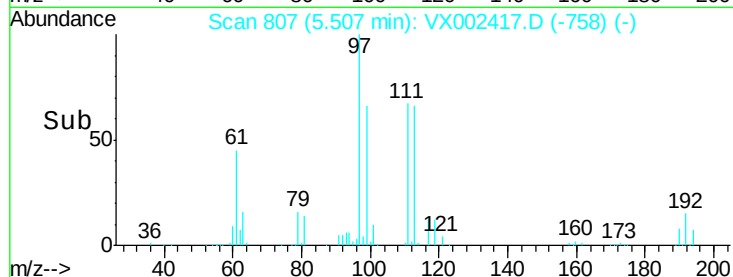
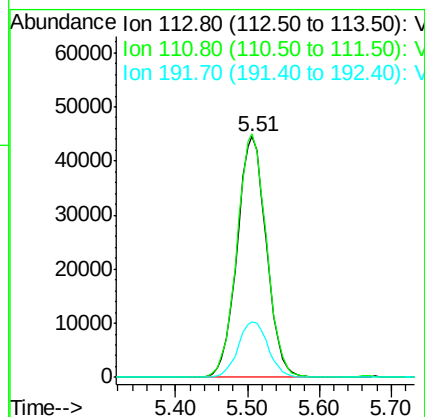
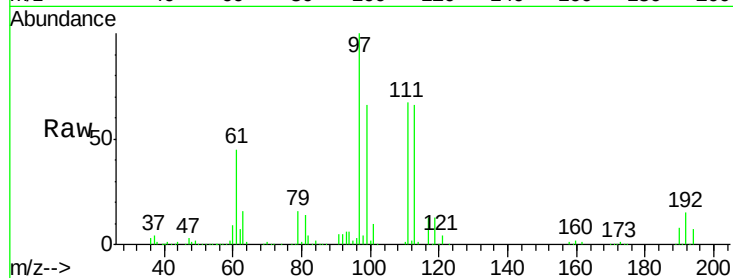




#35
 Dibromofluoromethane
 Concen: 46.65 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

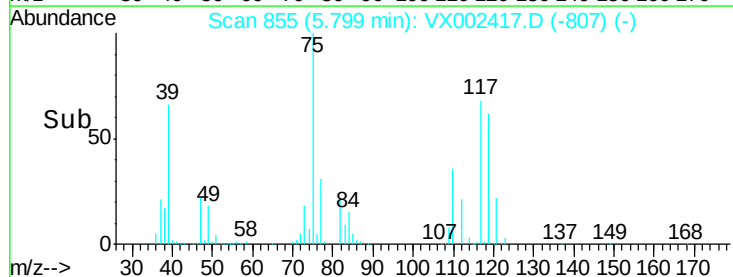
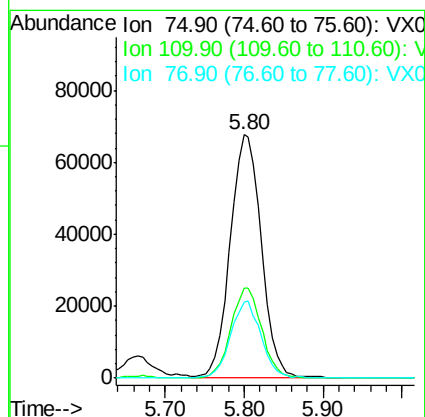
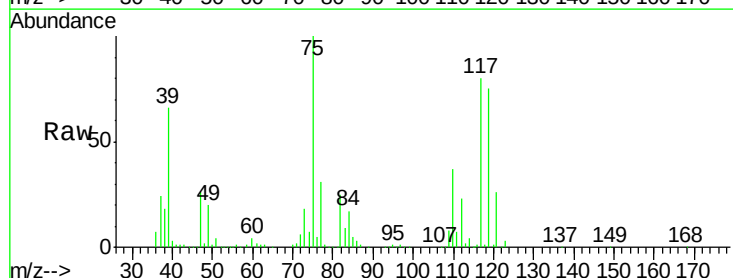
Instrument :
 MSVOA_X
 ClientSampled :

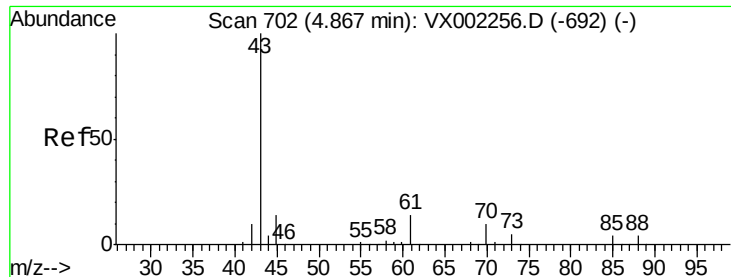
Tot Ion:113 Resp: 125726
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 51.07 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion: 75 Resp: 184001
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.1 54.4
 77 30.8 24.3 36.5

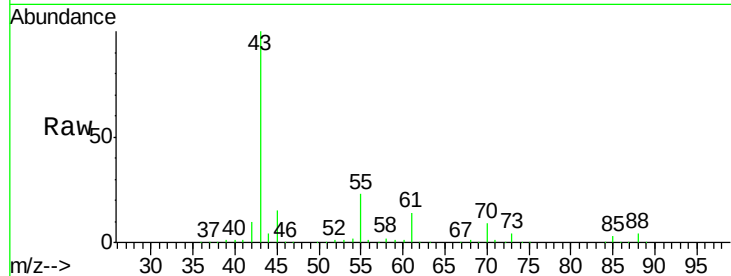




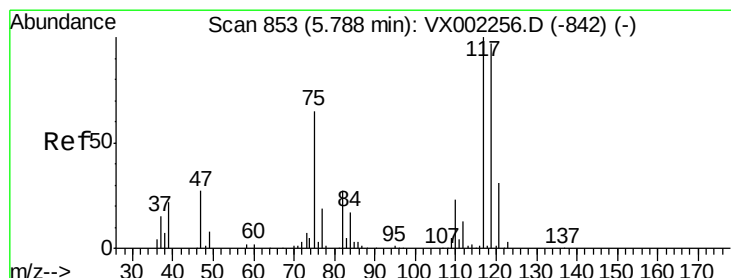
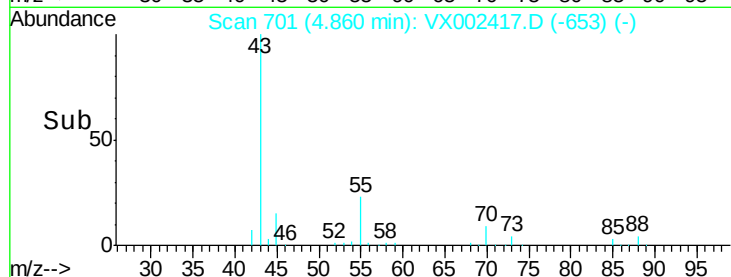
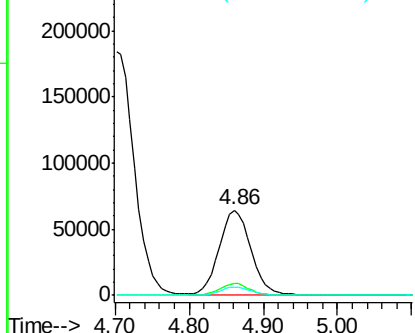
#37
Ethyl Acetate
Concen: 43.96 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 190492
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.5 7.6 11.4

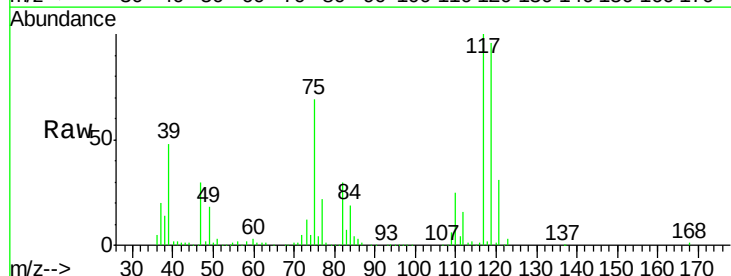


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

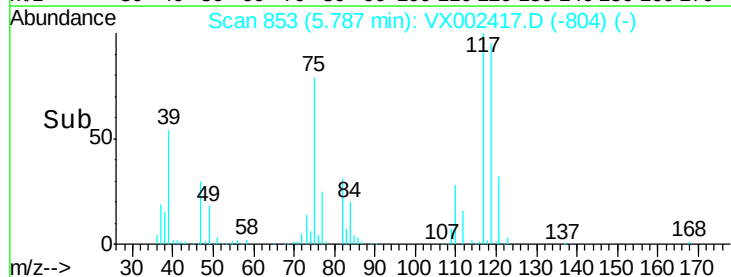
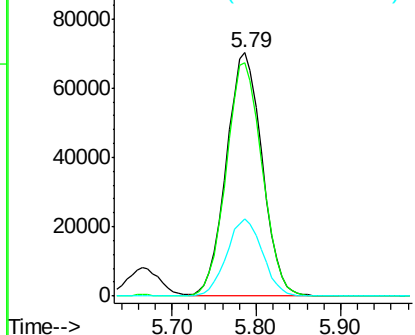


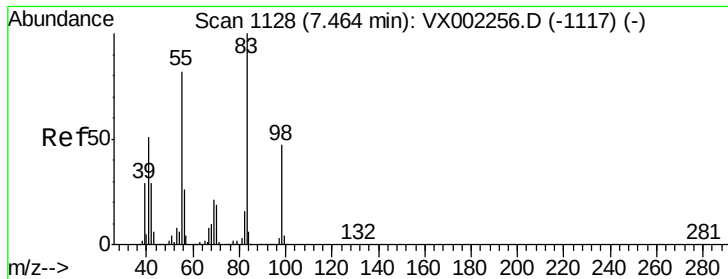
#38
Carbon Tetrachloride
Concen: 53.55 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 117 Resp: 201873
Ion Ratio Lower Upper
117 100
119 95.6 77.4 116.0
121 31.5 24.4 36.6



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

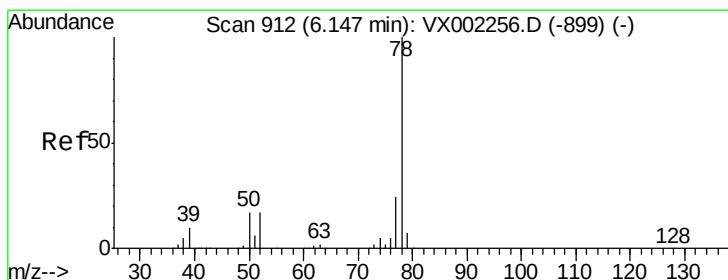
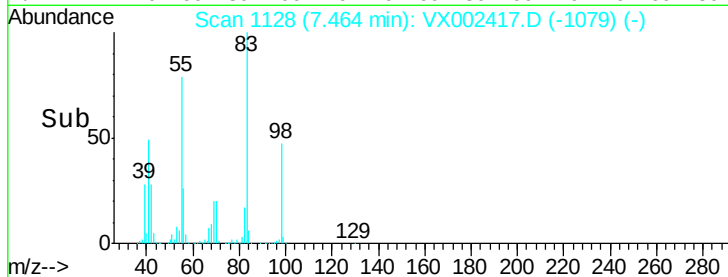
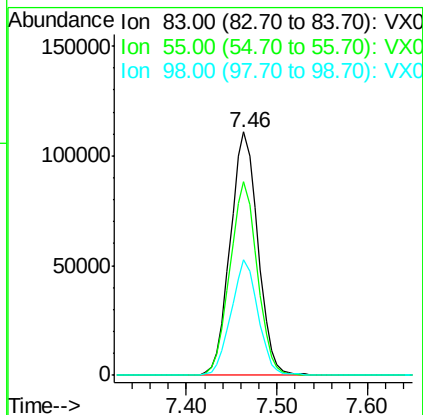
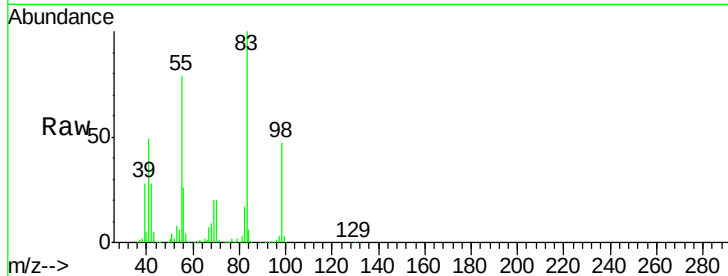




#39
Methylvlcyclohexane
Concen: 52.91 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

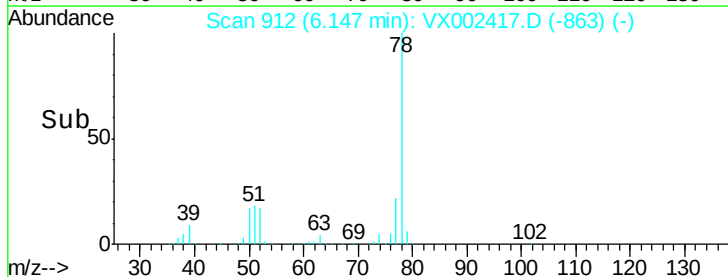
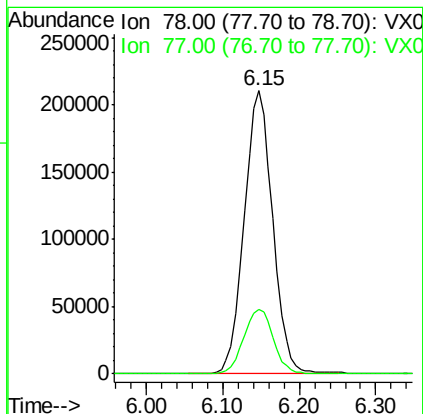
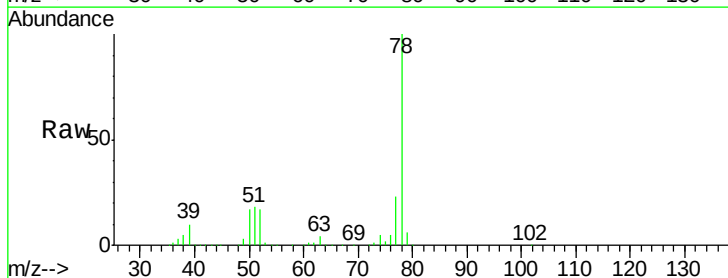
Instrument :
MSVOA_X
ClientSampled :

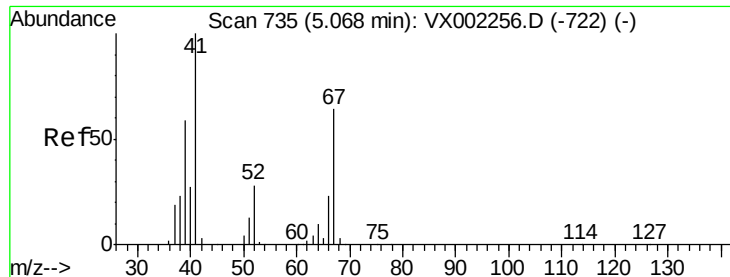
Tot Ion: 83 Resp: 235608
Ion Ratio Lower Upper
83 100
55 79.3 65.4 98.0
98 47.4 37.4 56.0



#40
Benzene
Concen: 49.36 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 78 Resp: 545318
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7

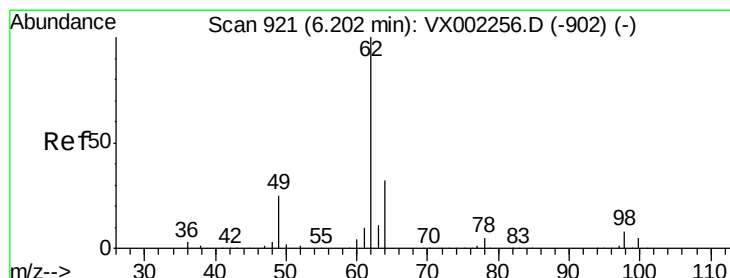
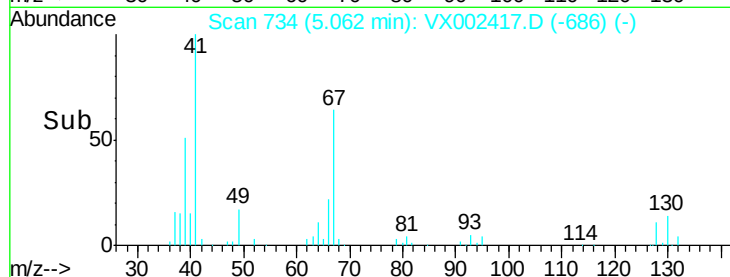
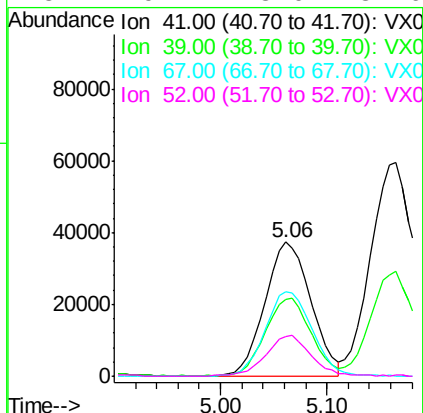
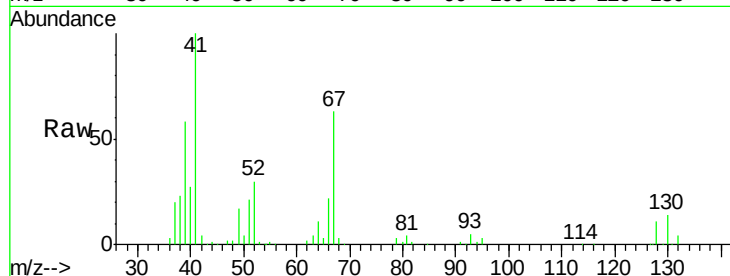




#41
Methacrylonitrile
Concen: 45.00 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

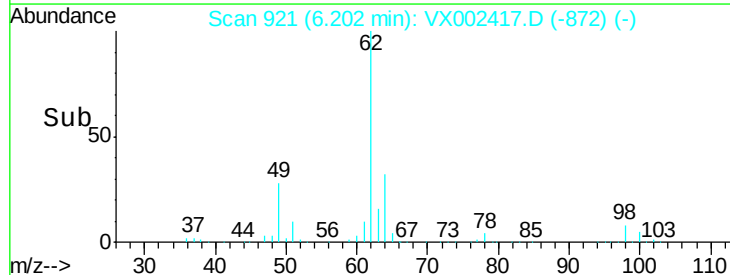
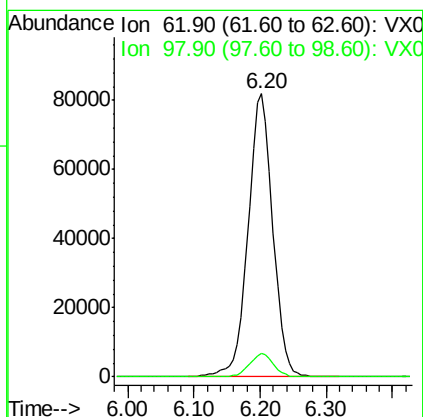
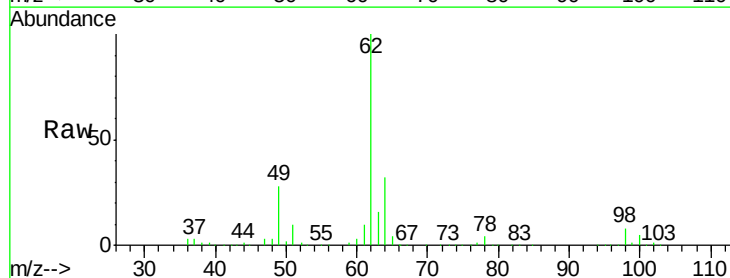
Instrument :
MSVOA_X
ClientSampleId :

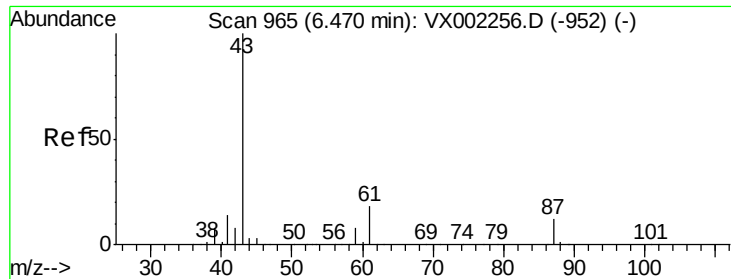
Tot Ion:	41	Resp:	111624
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.8	68.6
67	64.9	51.3	76.9
52	29.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.58 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion:	62	Resp:	213244
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 45.75 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

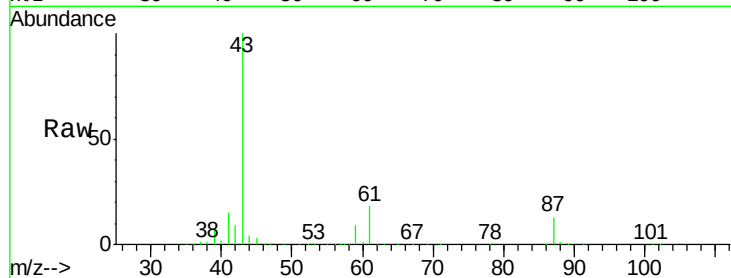
Tot Ion: 43 Resp: 336741

Ion Ratio Lower Upper

43 100

61 17.8 14.4 21.6

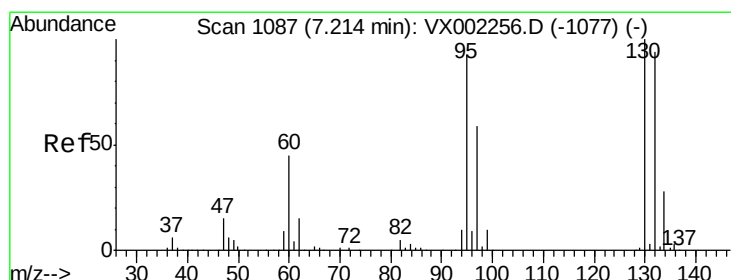
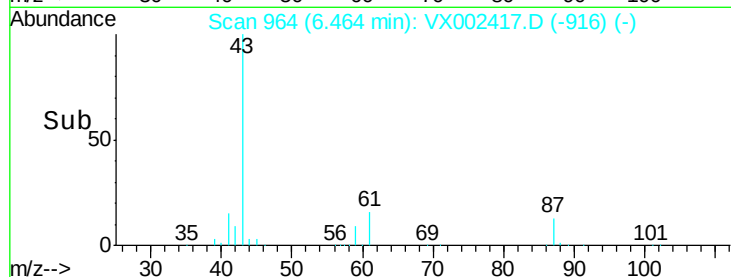
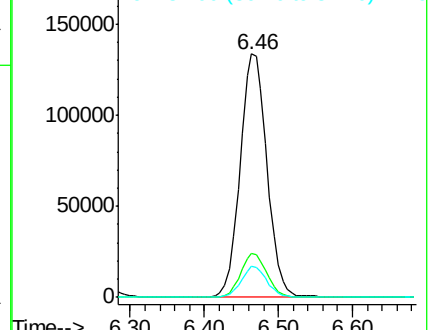
87 12.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.09 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002417.D

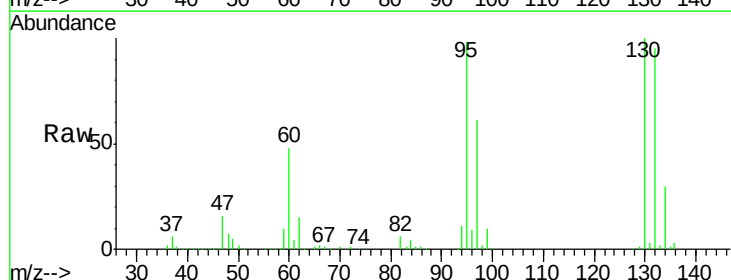
Acq: 09 Jun 2018 10:48

Tgt Ion:130 Resp: 156660

Ion Ratio Lower Upper

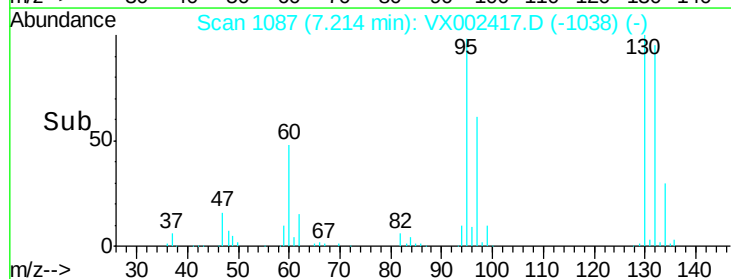
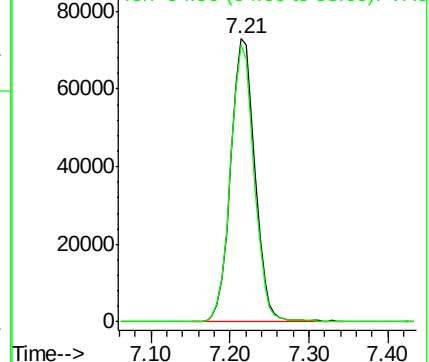
130 100

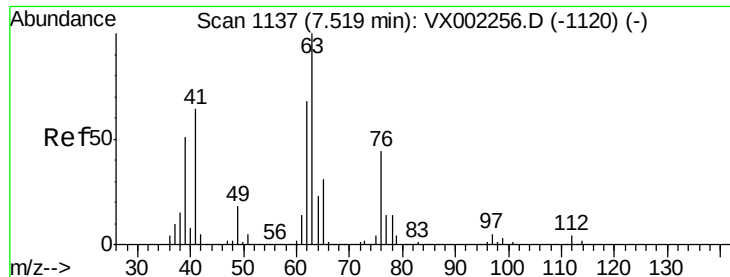
95 97.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

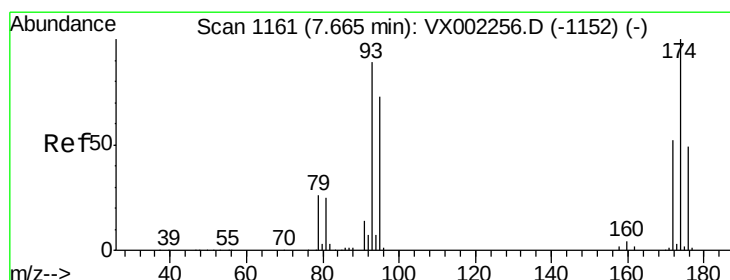
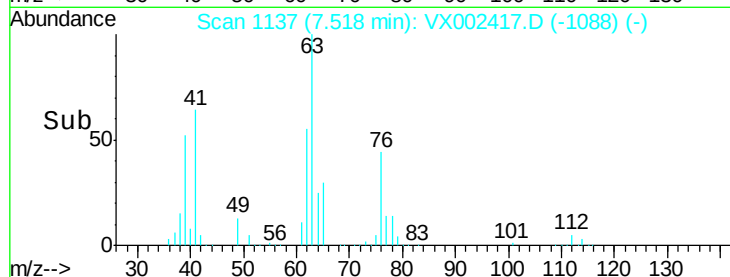
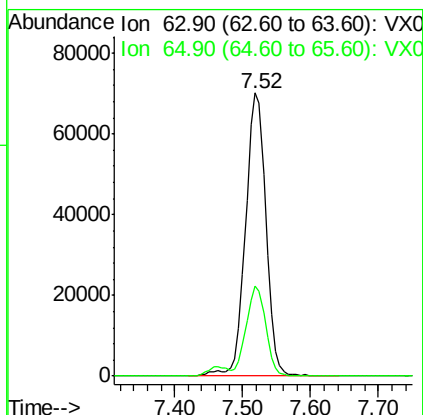
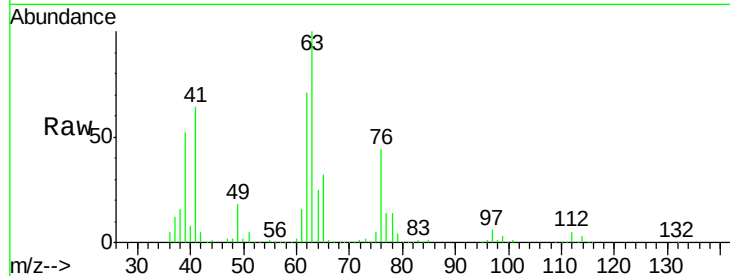




#45
1,2-Dichloropropane
Concen: 49.29 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

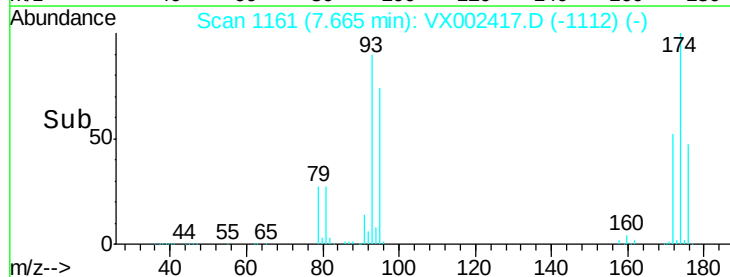
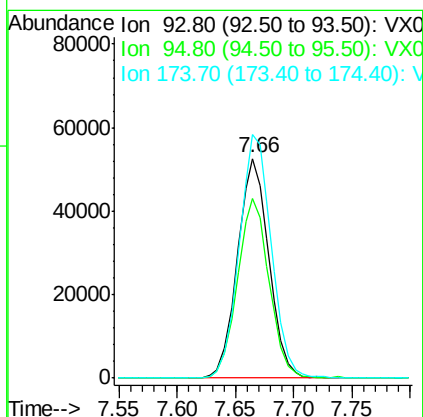
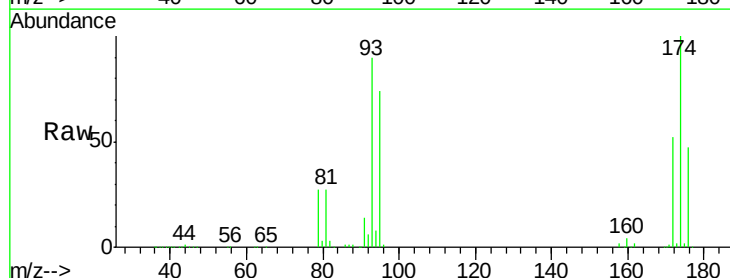
Instrument :
MSVOA_X
ClientSampleId :

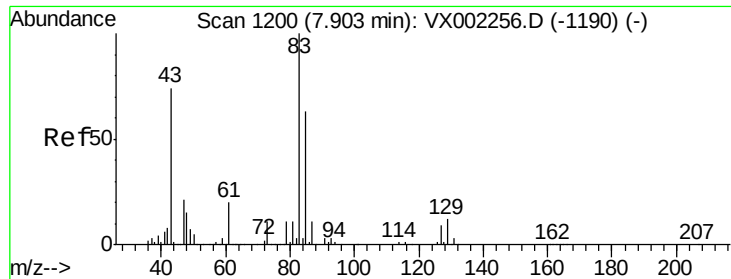
Tot Ion: 63 Resp: 147003
Ion Ratio Lower Upper
63 100
65 31.8 24.7 37.1



#46
Dibromomethane
Concen: 48.86 ug/l
RT: 7.66 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 93 Resp: 98785
Ion Ratio Lower Upper
93 100
95 82.4 65.9 98.9
174 113.2 92.4 138.6





#47

Bromodichloromethane

Concen: 51.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :

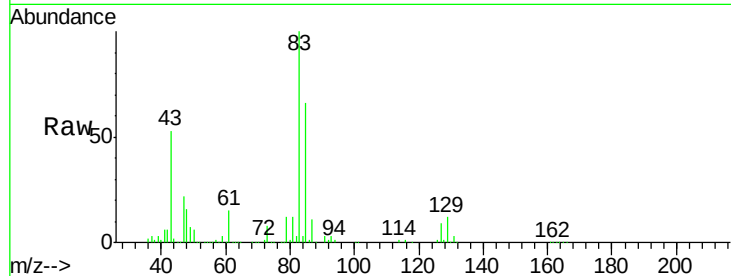
Tot Ion: 83 Resp: 189560

Ion Ratio Lower Upper

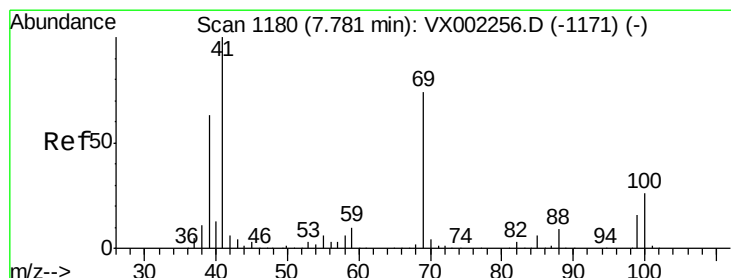
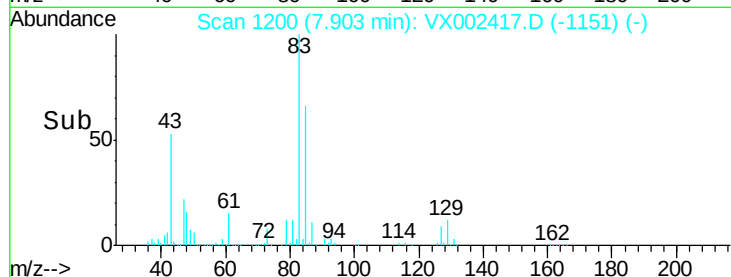
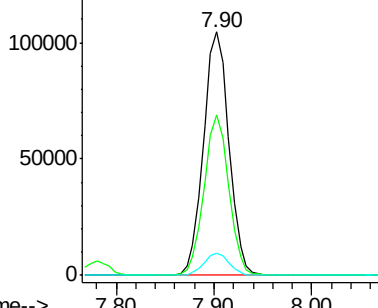
83 100

85 65.7 50.3 75.5

127 9.4 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: 46.42 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

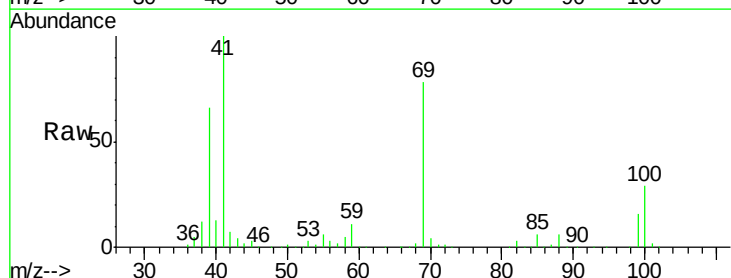
Tgt Ion: 41 Resp: 171598

Ion Ratio Lower Upper

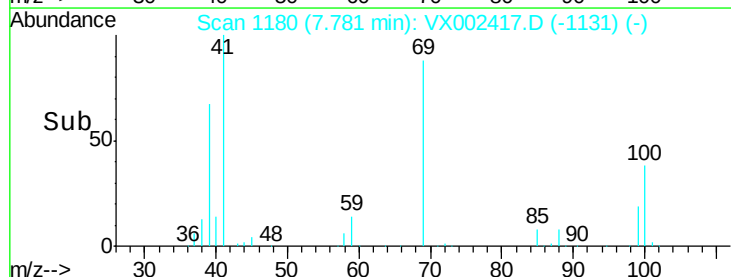
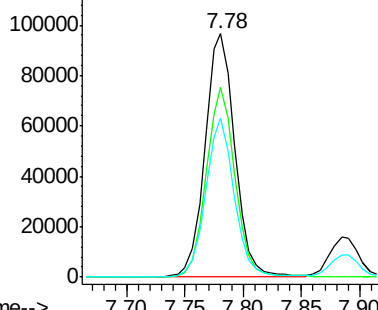
41 100

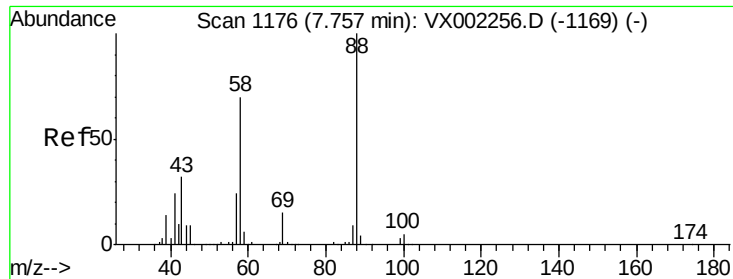
69 76.4 59.1 88.7

39 62.4 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: 751.89 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

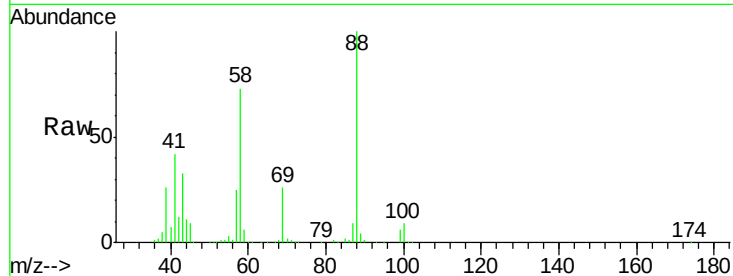
Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 51975

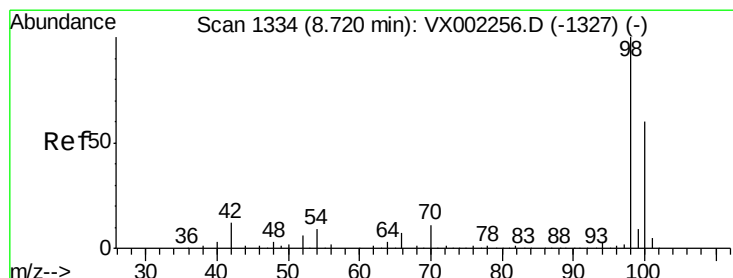
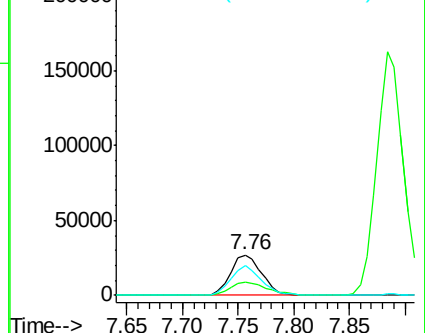
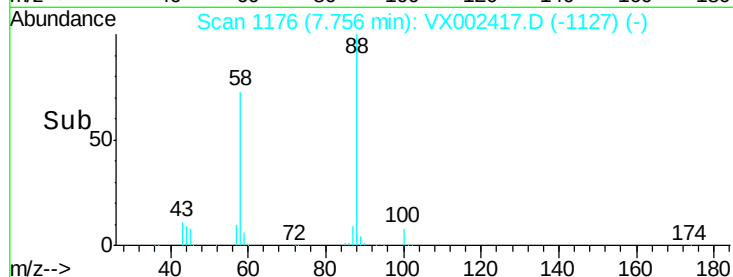
Ion	Ratio	Lower	Upper
88	100		
43	38.4	29.8	44.6
58	72.8	57.1	85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.82 ug/l

RT: 8.72 min Scan# 1334

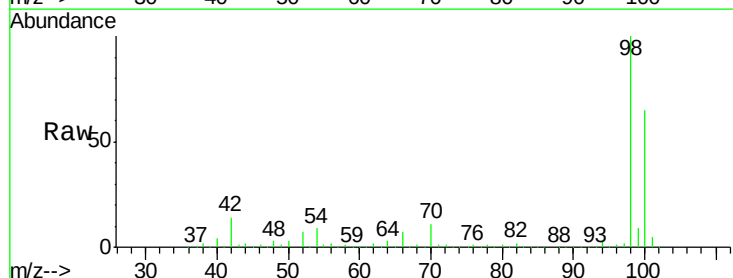
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

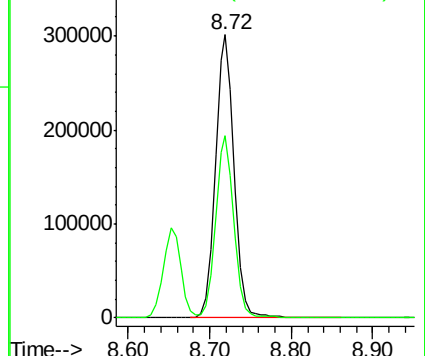
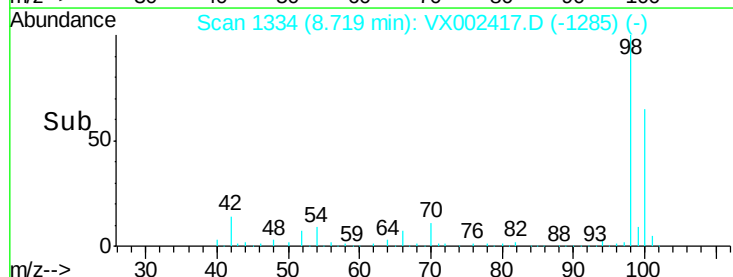
Tgt Ion: 98 Resp: 483684

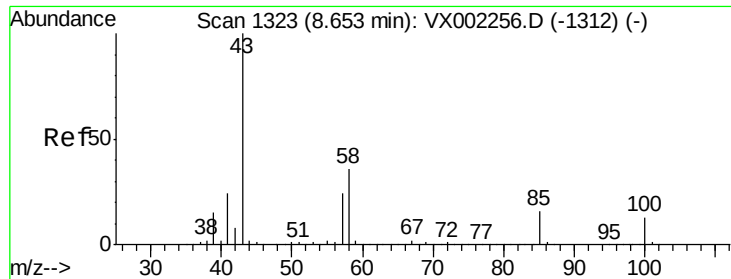
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 230.69 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

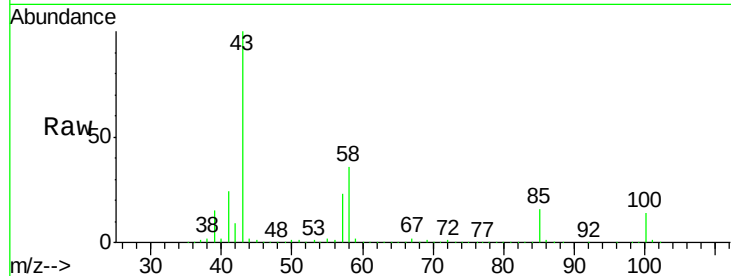
ClientSampleId :

Tot Ion: 43 Resp: 1057346

Ion Ratio Lower Upper

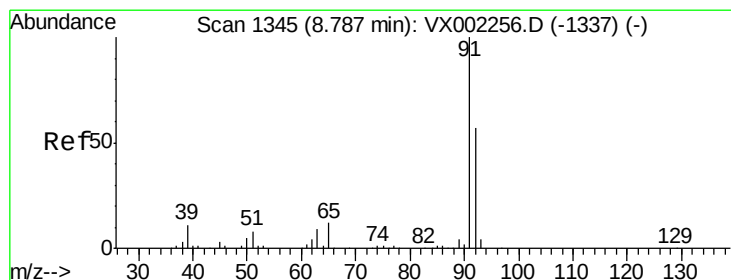
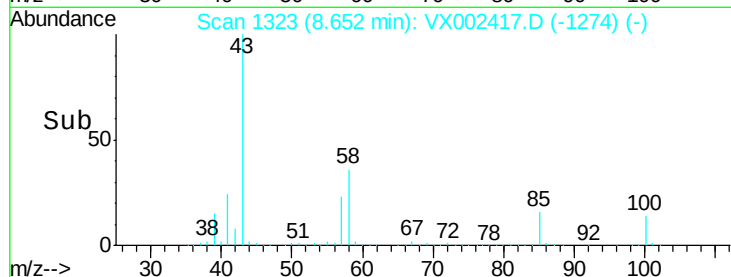
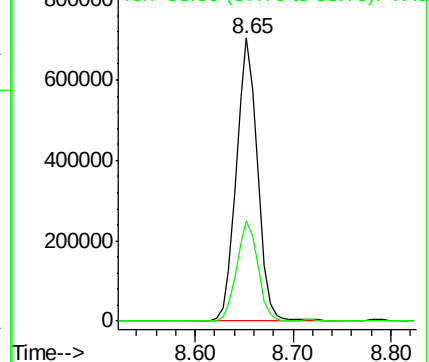
43 100

58 35.3 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: 51.61 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002417.D

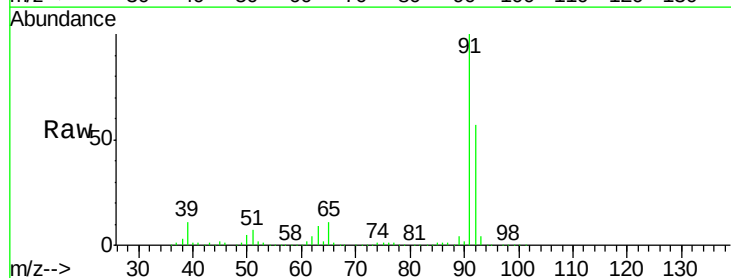
Acq: 09 Jun 2018 10:48

Tgt Ion: 92 Resp: 362638

Ion Ratio Lower Upper

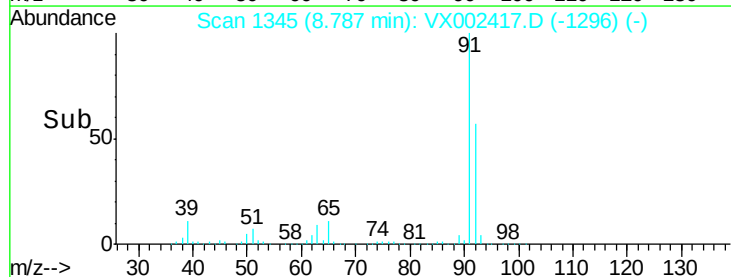
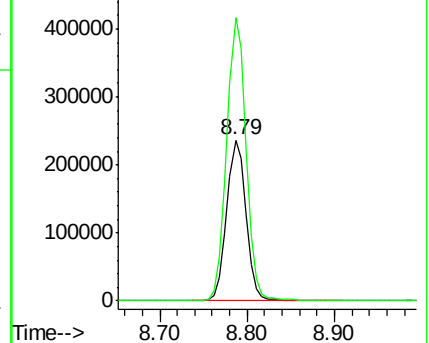
92 100

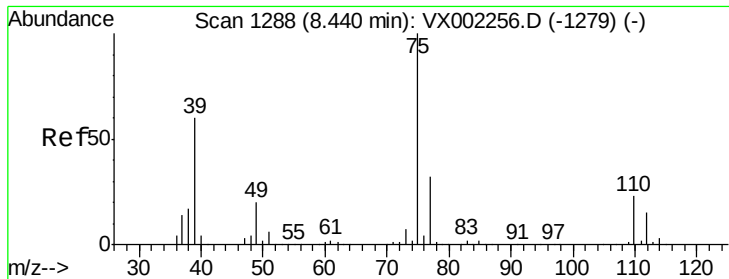
91 176.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

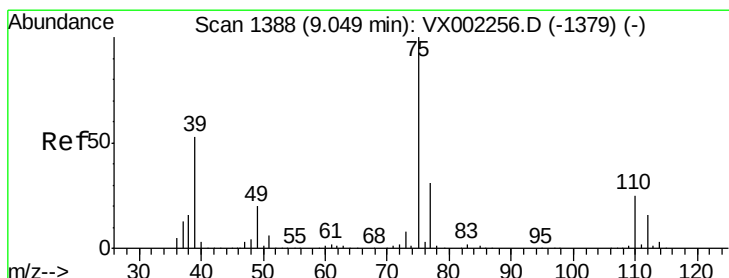
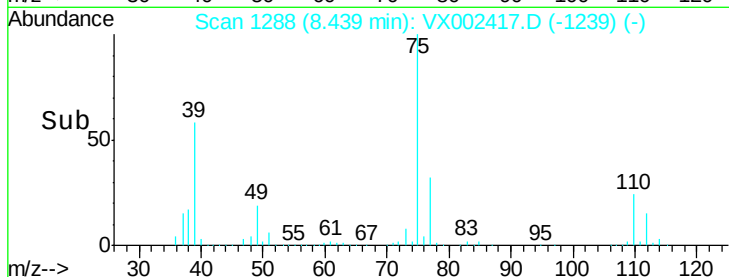
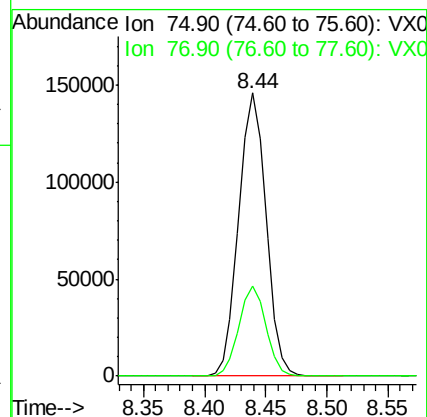
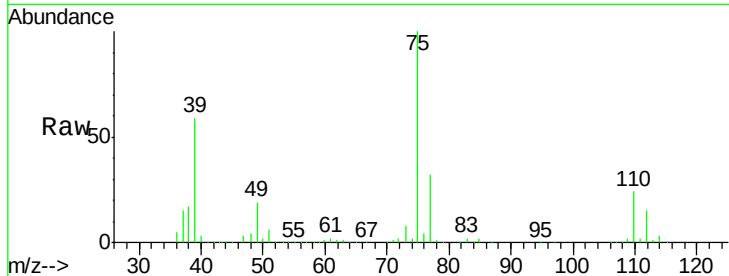




#53
t-1,3-Dichloropropene
Concen: 51.59 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

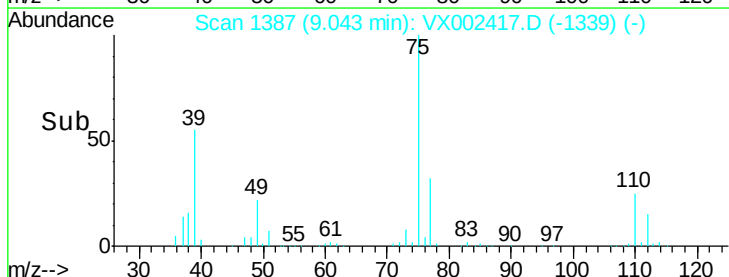
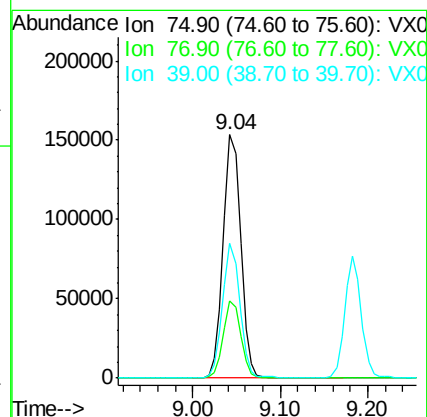
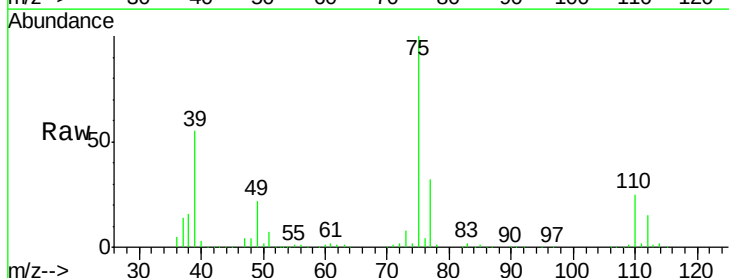
Instrument :
MSVOA_X
ClientSampleId :

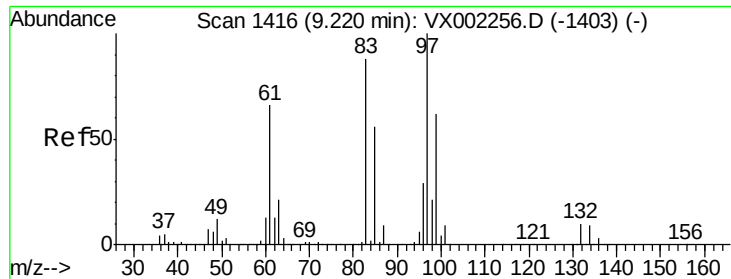
Tot Ion: 75 Resp: 226214
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.83 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 75 Resp: 214430
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 55.0 42.4 63.6



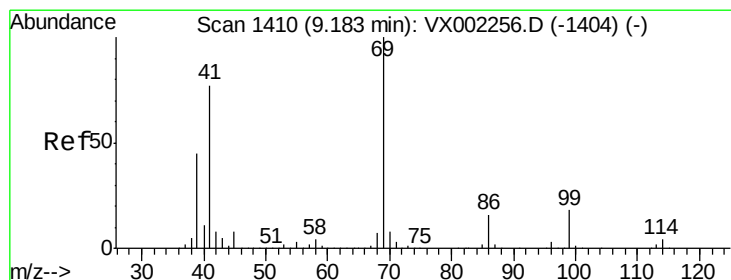
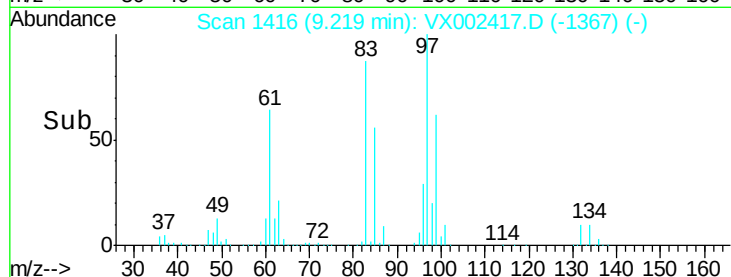
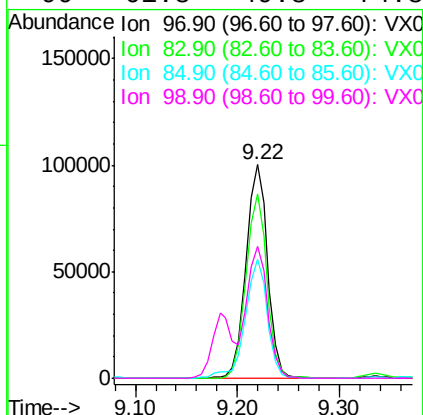
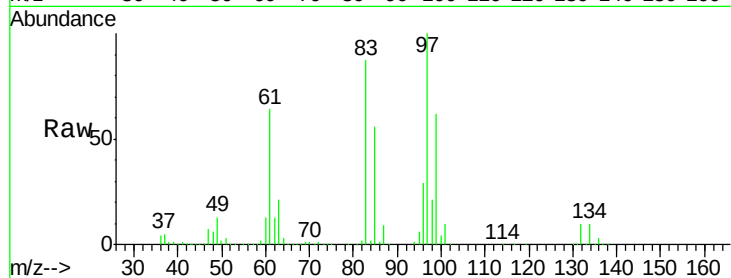


#55
 1,1,2-Trichloroethane
 Concen: 51.18 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 147900

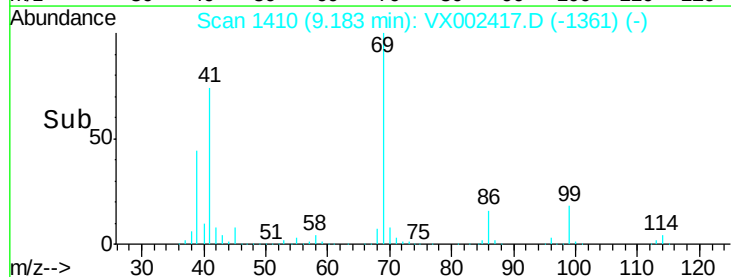
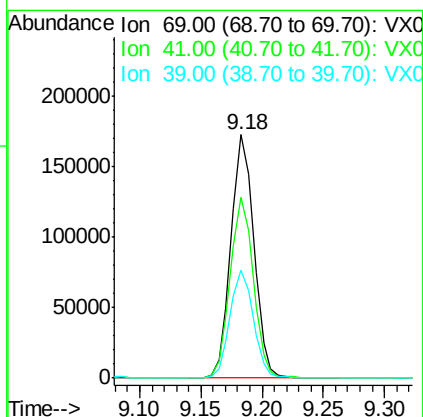
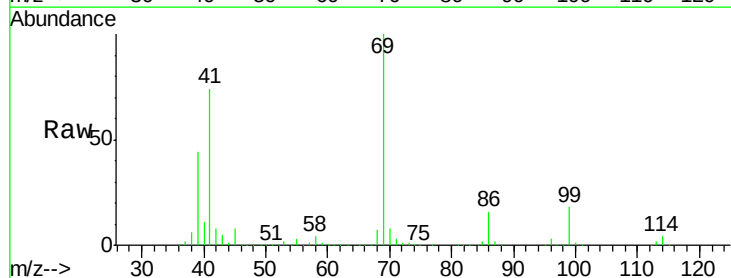
Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.2
85	55.7	44.9	67.3
99	61.8	49.8	74.8

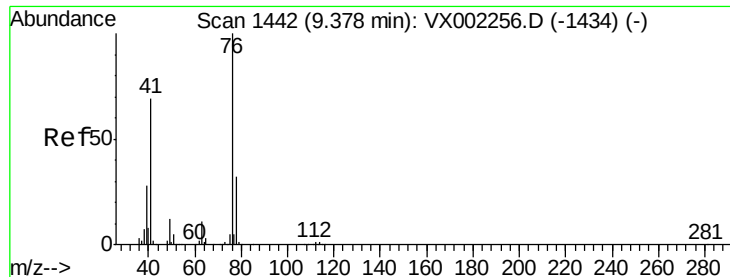


#56
 Ethyl methacrylate
 Concen: 48.76 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion: 69 Resp: 224986

Ion	Ratio	Lower	Upper
69	100		
41	74.6	60.3	90.5
39	45.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 50.07 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

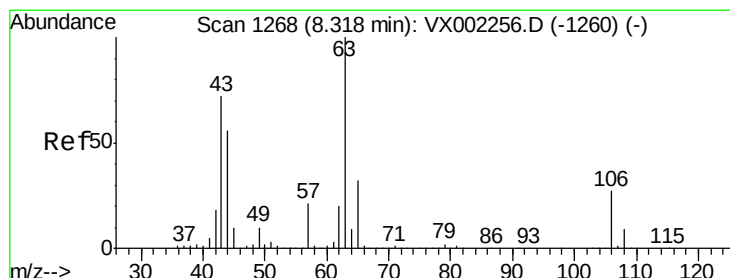
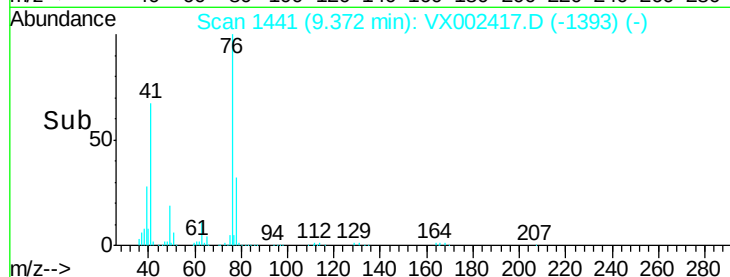
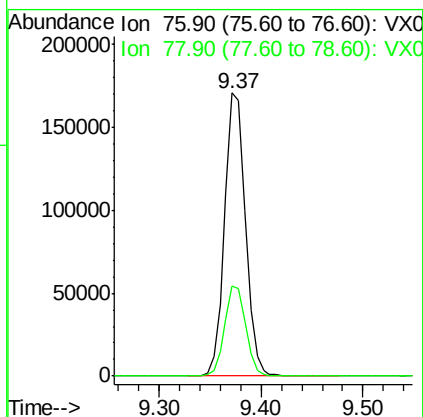
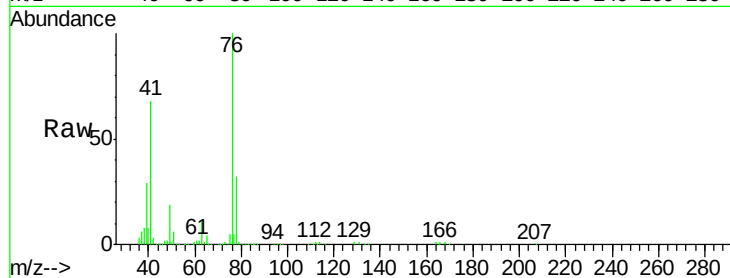
ClientSampleId :

Tot Ion: 76 Resp: 242761

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 260.25 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002417.D

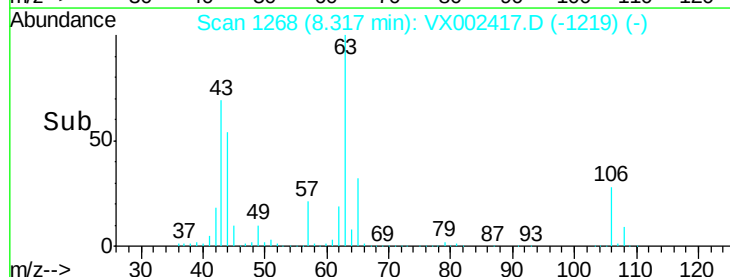
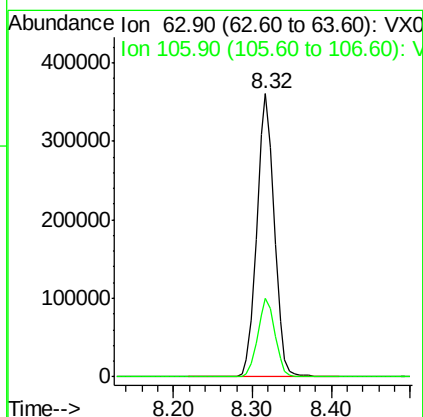
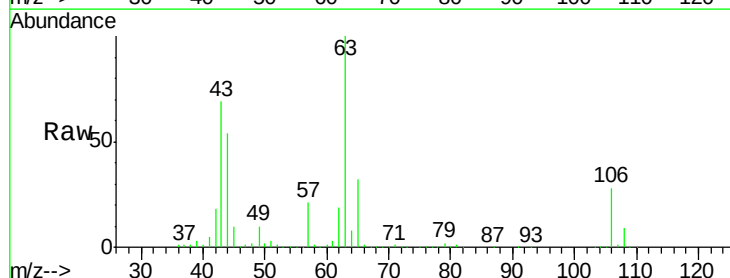
Acq: 09 Jun 2018 10:48

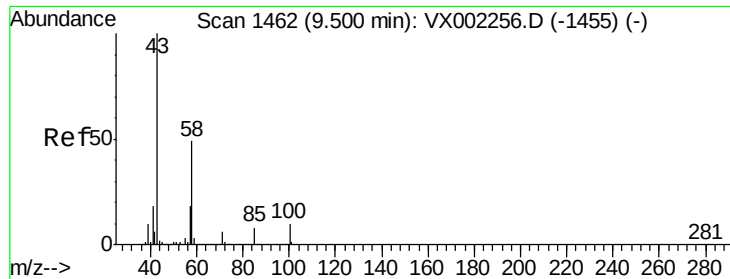
Tgt Ion: 63 Resp: 555767

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8

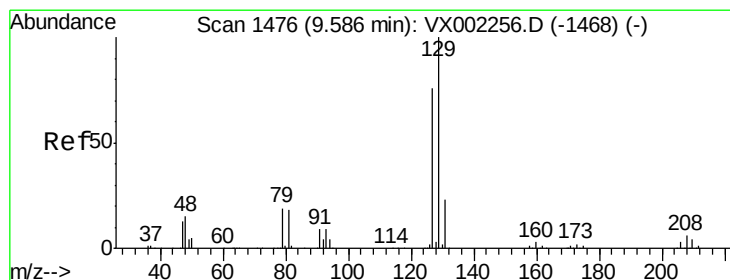
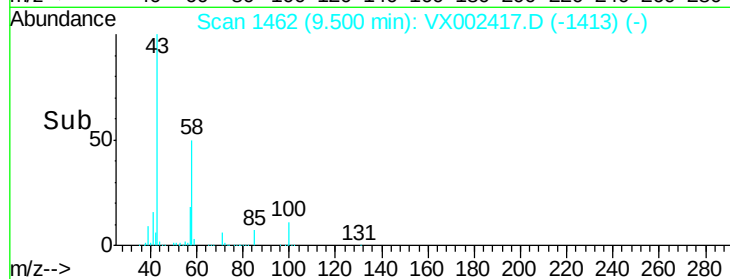
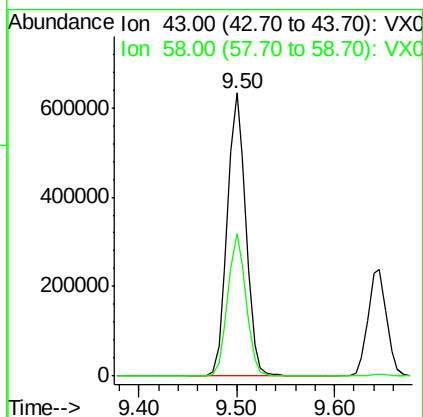
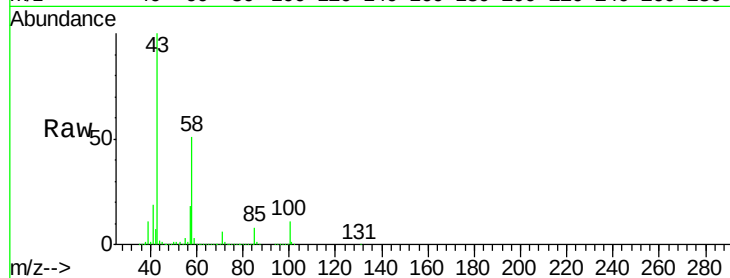




#59
2-Hexanone
Concen: 236.20 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

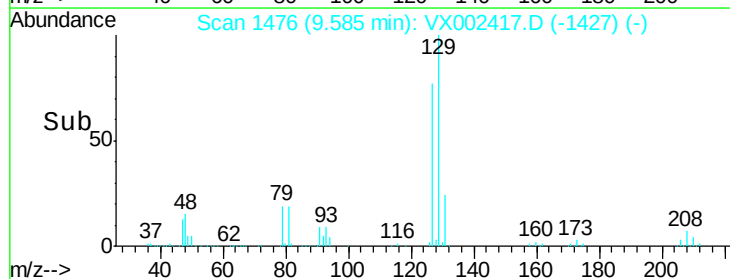
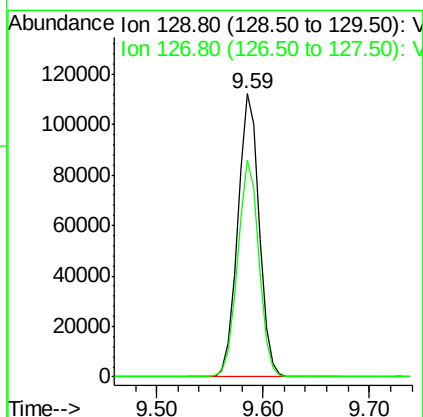
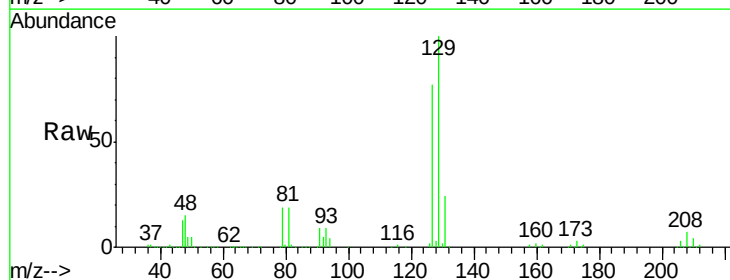
Instrument :
MSVOA_X
ClientSampleId :

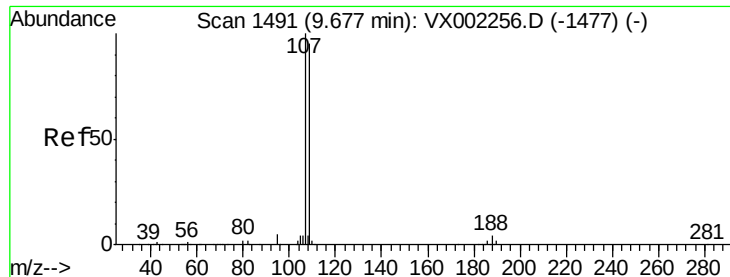
Tot Ion: 43 Resp: 836203
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 54.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 129 Resp: 158758
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.16 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

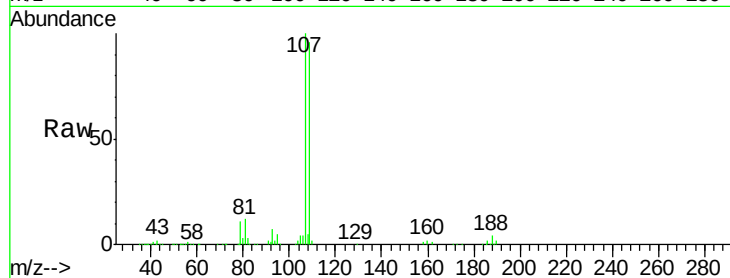
ClientSampleId :

Tot Ion:107 Resp: 154166

Ion Ratio Lower Upper

107 100

109 94.6 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

120000

100000

80000

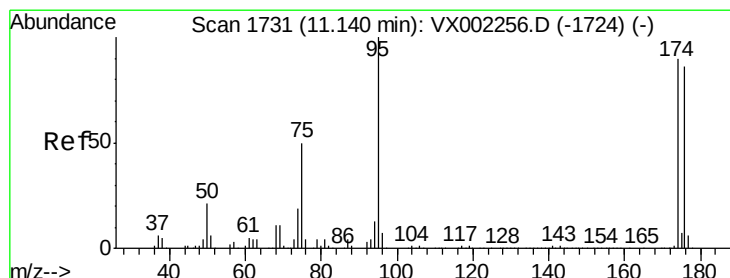
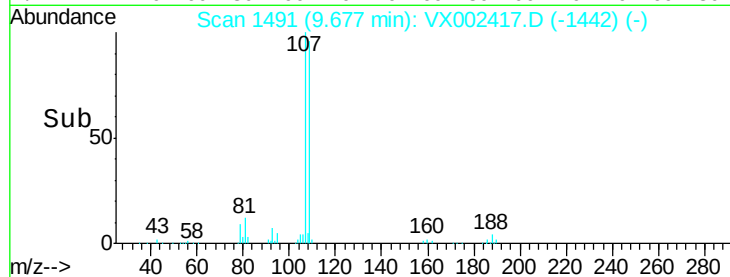
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

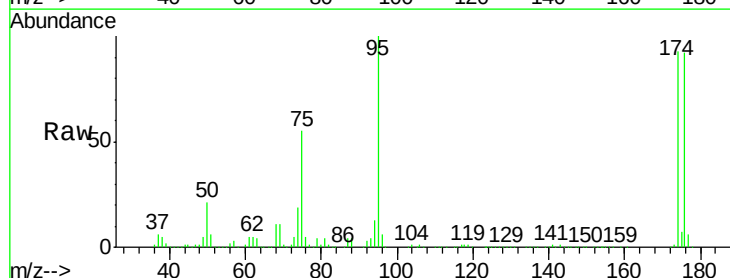
Tgt Ion: 95 Resp: 188336

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.4

176 94.5 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

200000

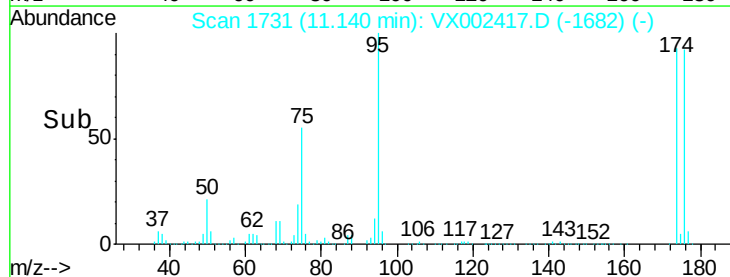
150000

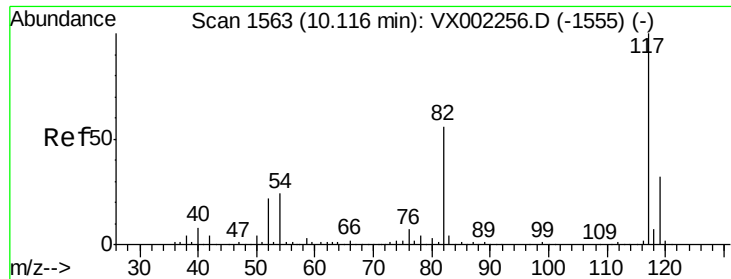
100000

50000

0

Time-->

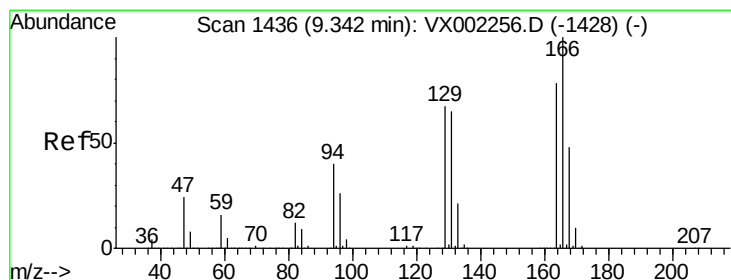
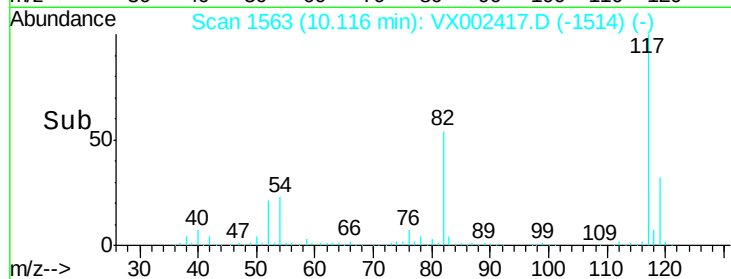
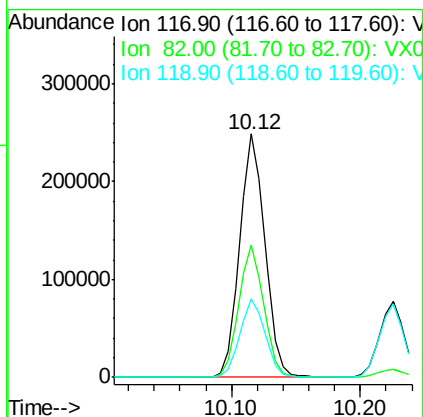
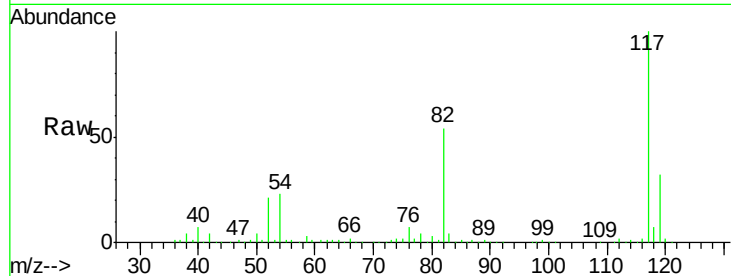




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

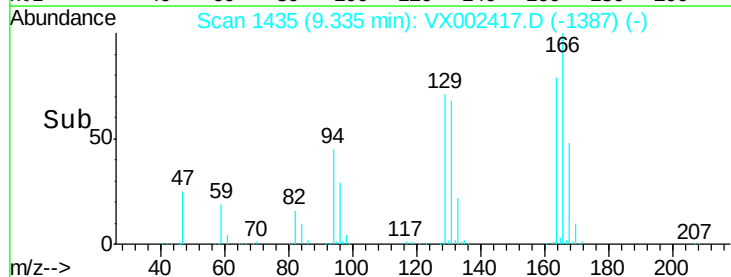
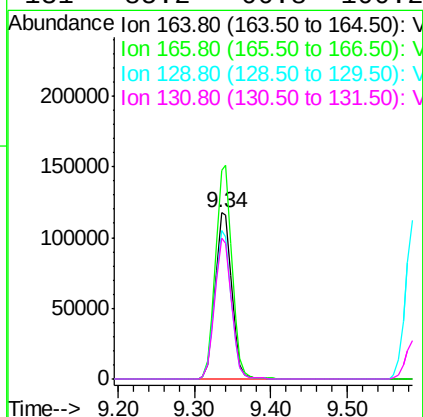
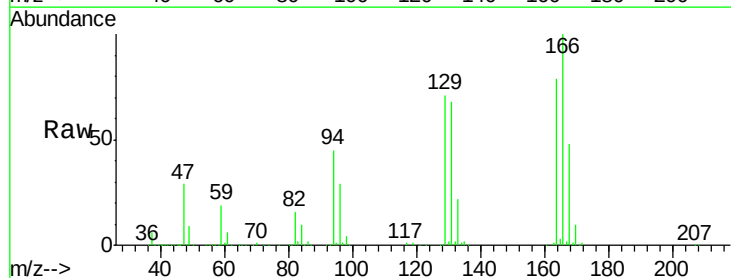
Instrument :
MSVOA_X
ClientSampleId :

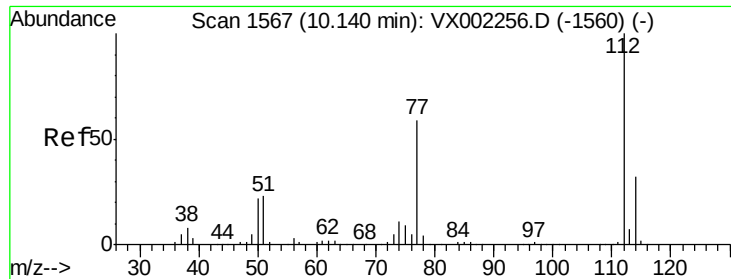
Tot Ion:117 Resp: 337803
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 50.83 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion:164 Resp: 177095
Ion Ratio Lower Upper
164 100
166 125.9 102.9 154.3
129 89.6 68.6 102.8
131 85.2 66.8 100.2





#65

Chlorobenzene

Concen: 50.03 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

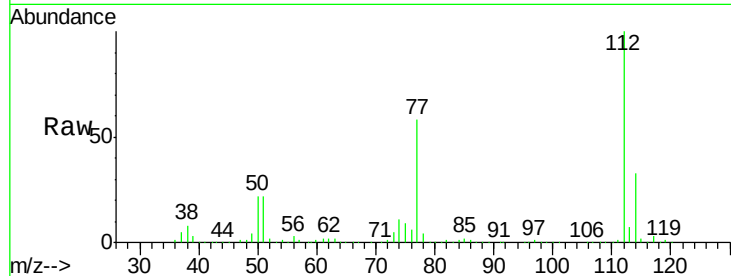
ClientSampleId :

Tot Ion:112 Resp: 420524

Ion Ratio Lower Upper

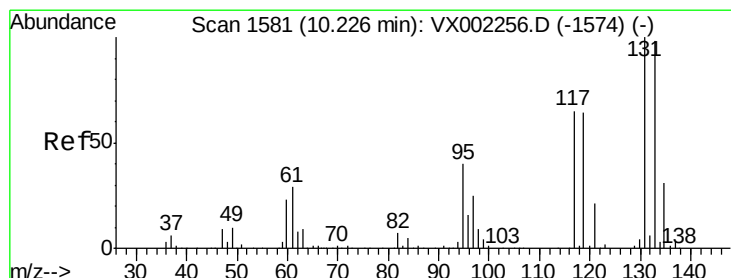
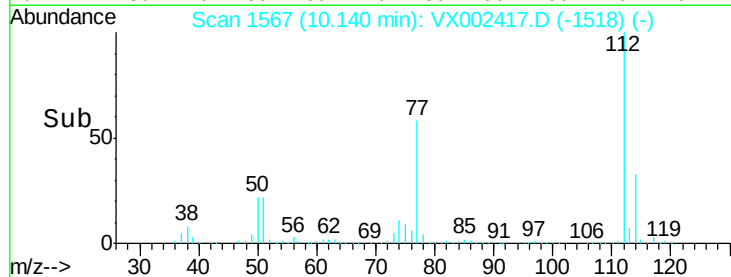
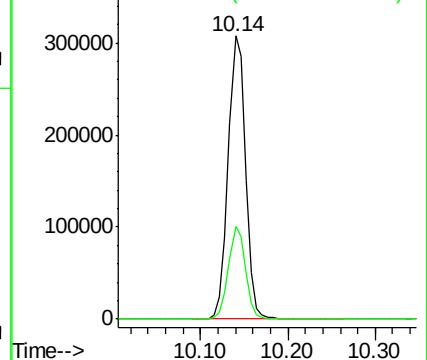
112 100

114 32.8 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: 51.64 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

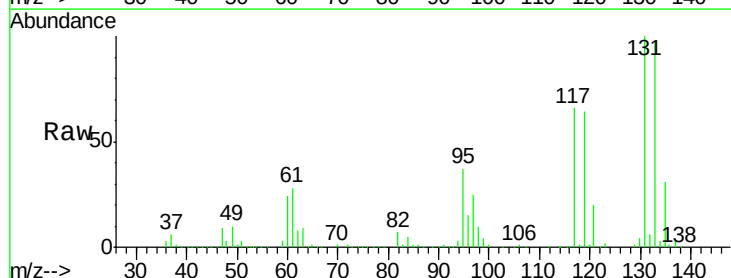
Tgt Ion:131 Resp: 157161

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

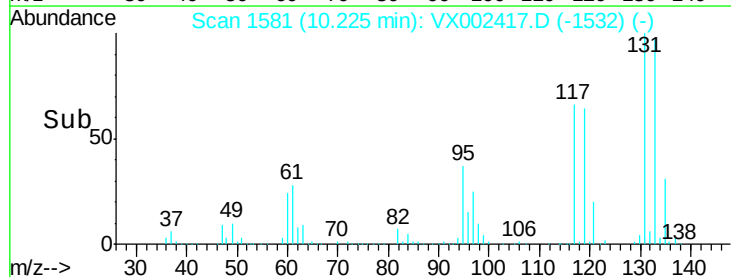
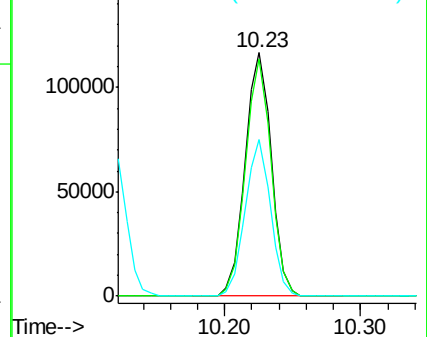
119 62.4 31.8 95.3

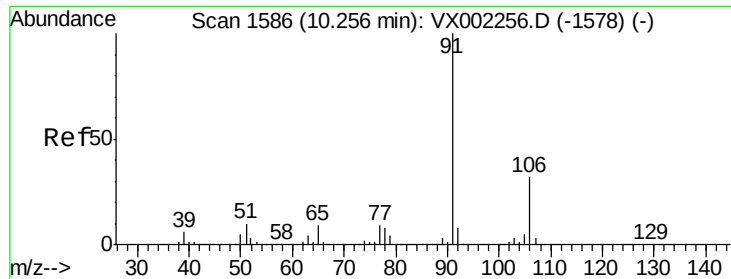


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

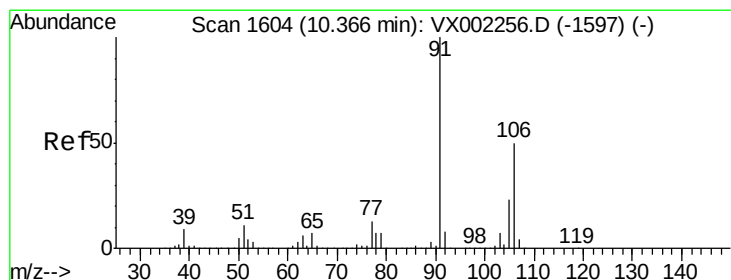
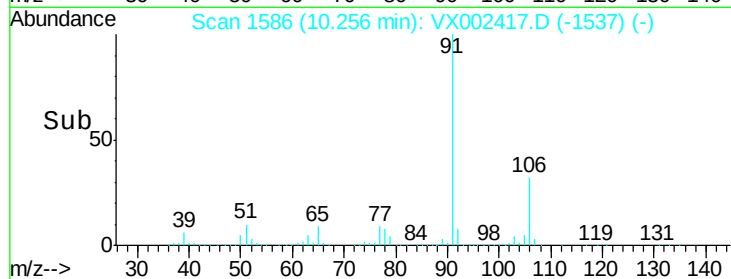
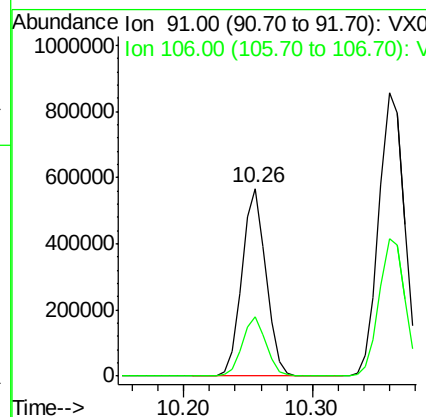
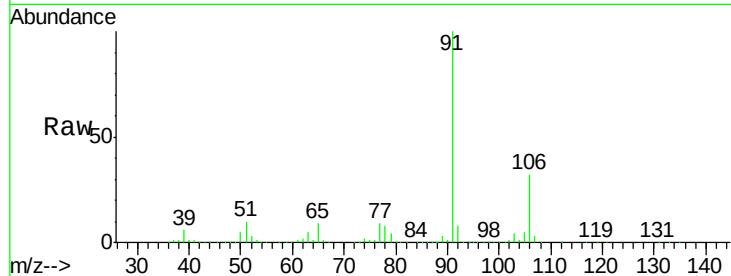




#67
Ethyl Benzene
Concen: 52.11 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

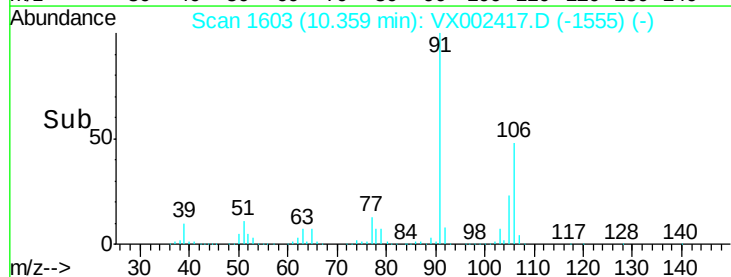
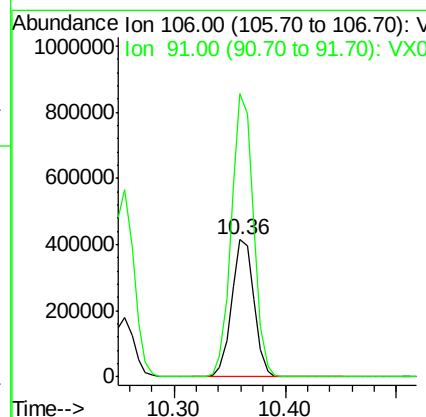
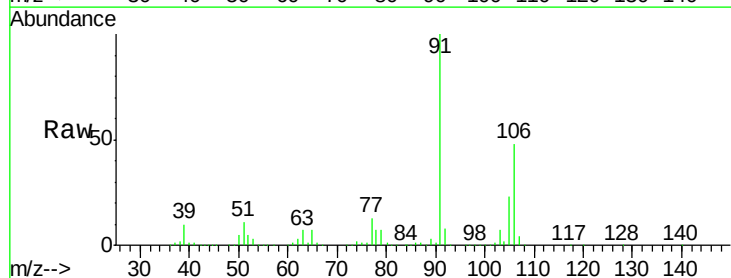
Instrument :
MSVOA_X
ClientSampleId :

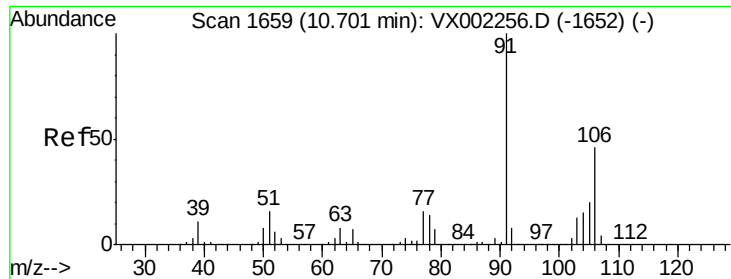
Tot Ion: 91 Resp: 732958
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 104.58 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion: 106 Resp: 571847
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2

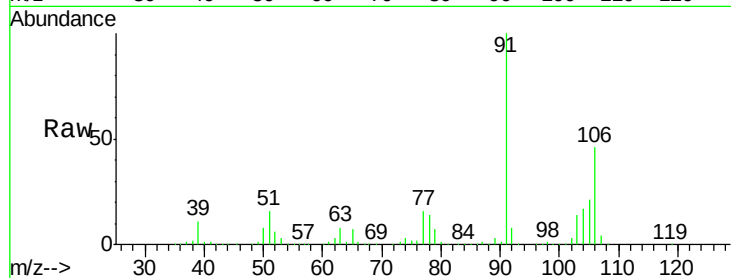




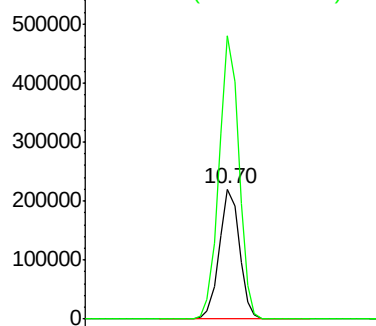
#69
o-Xylene
Concen: 51.14 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Instrument :
MSVOA_X
ClientSampled :

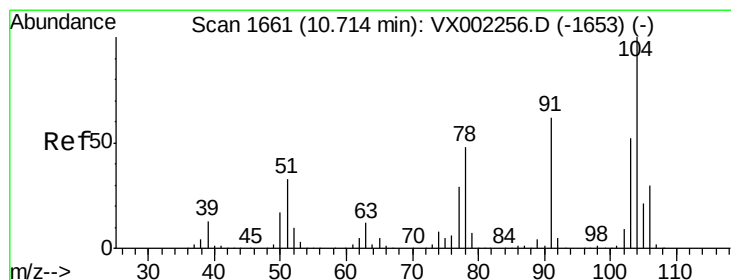
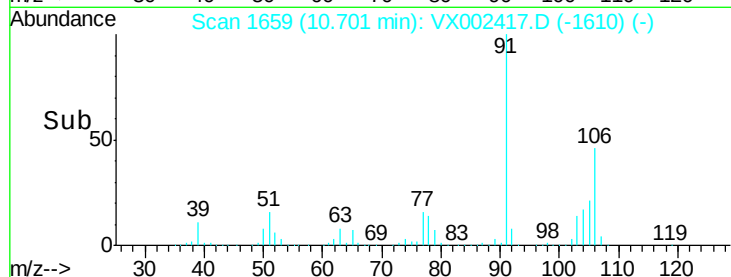
Tot Ion:106 Resp: 278308
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6



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

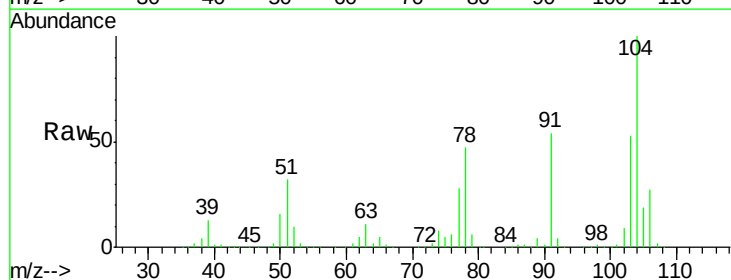


Time--> 10.60 10.70 10.80

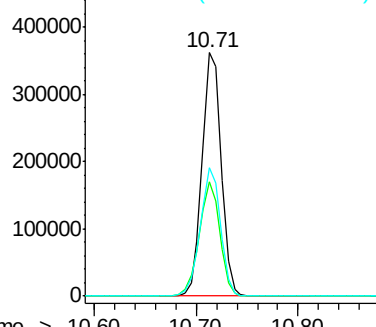


#70
Styrene
Concen: 52.38 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

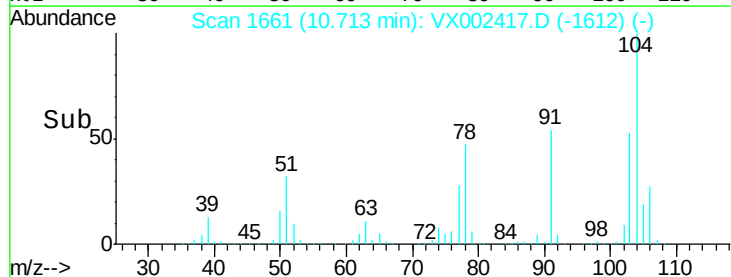
Tgt Ion:104 Resp: 465995
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 55.9 44.2 66.4

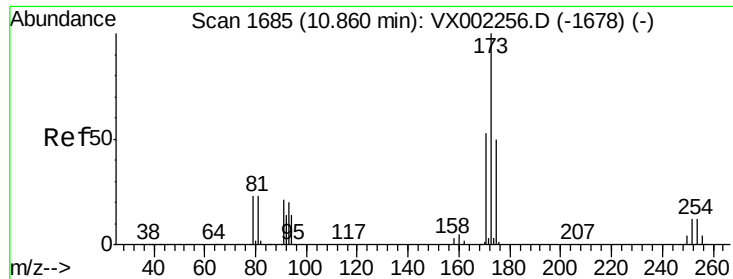


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 45.06 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

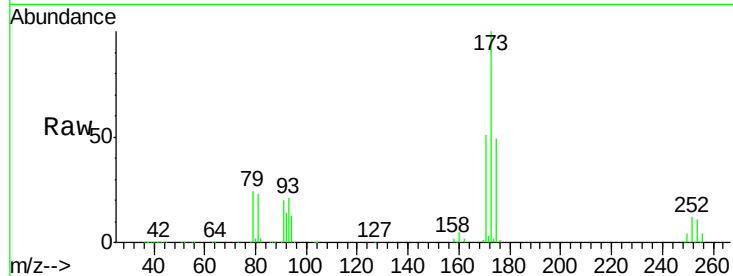
Tot Ion:173 Resp: 121821

Ion Ratio Lower Upper

173 100

175 49.5 24.7 74.1

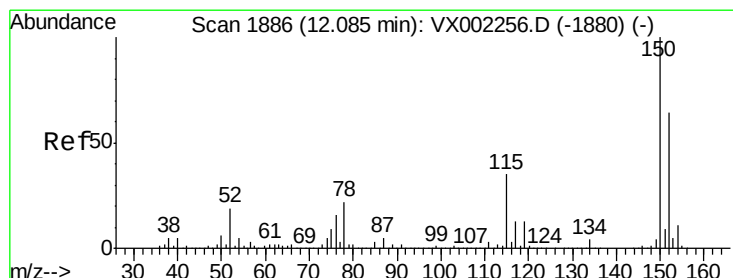
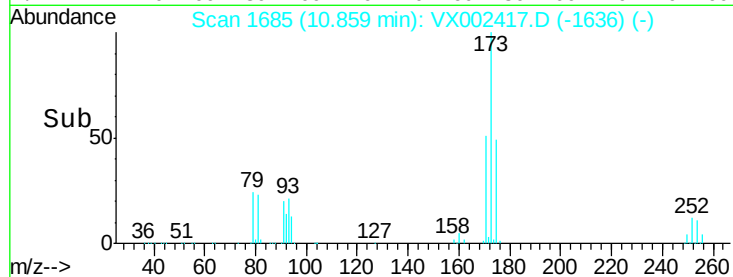
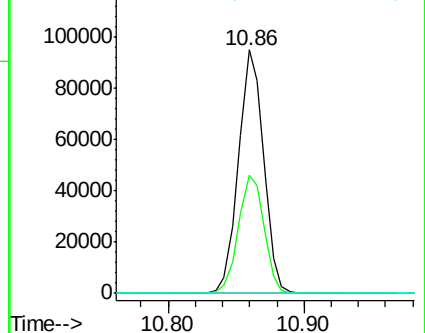
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

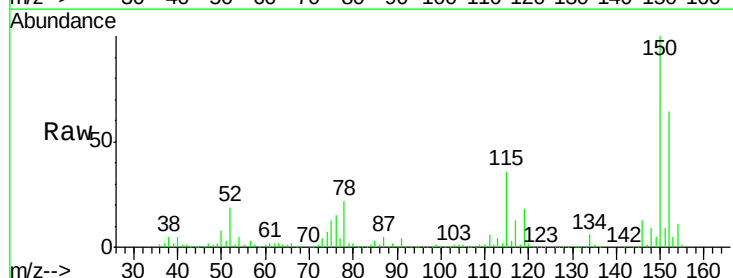
Tgt Ion:152 Resp: 220809

Ion Ratio Lower Upper

152 100

115 81.7 40.1 120.2

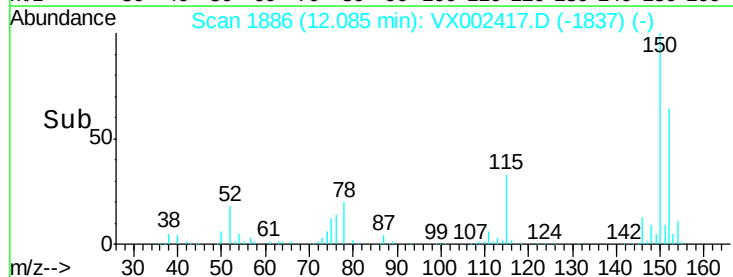
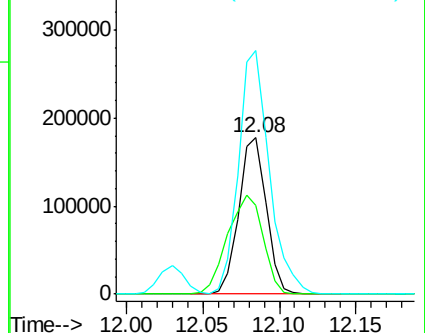
150 174.6 0.0 347.2

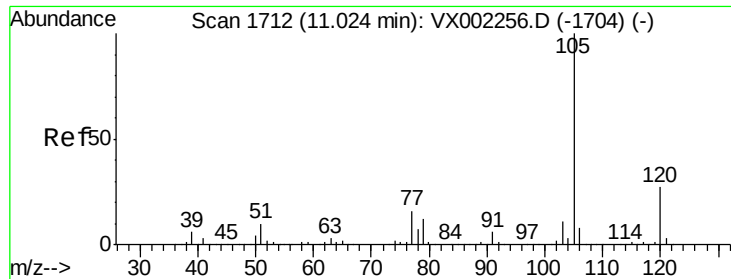


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.61 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

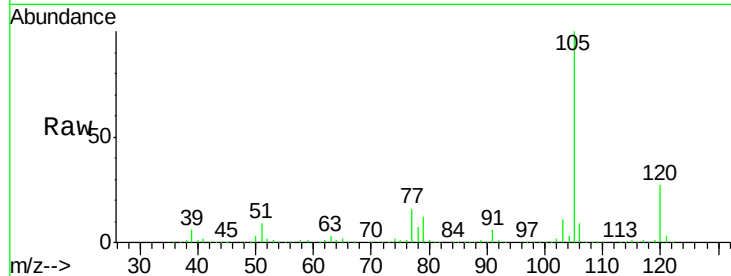
ClientSampleId :

Tot Ion:105 Resp: 777471

Ion Ratio Lower Upper

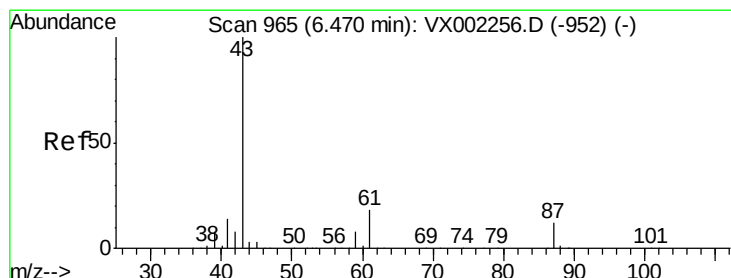
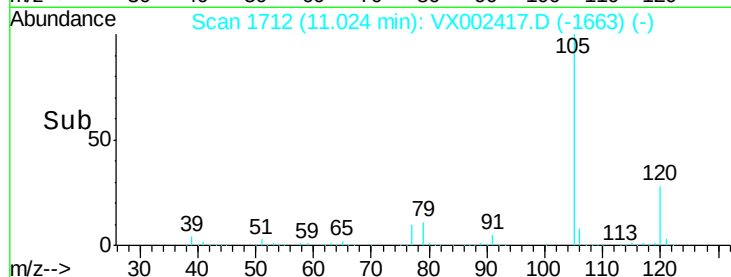
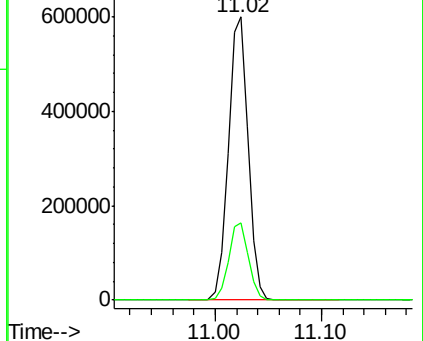
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.69 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion: 43 Resp: 336741

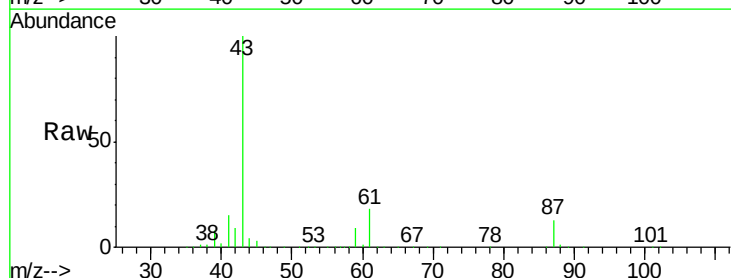
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.8 14.4 21.6

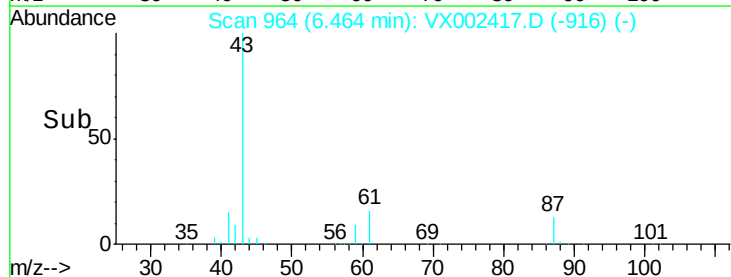
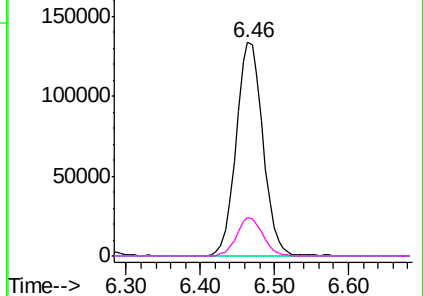


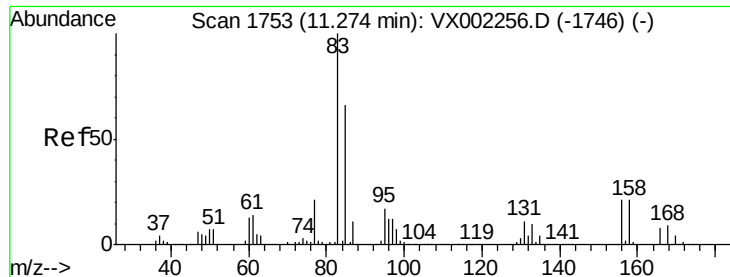
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

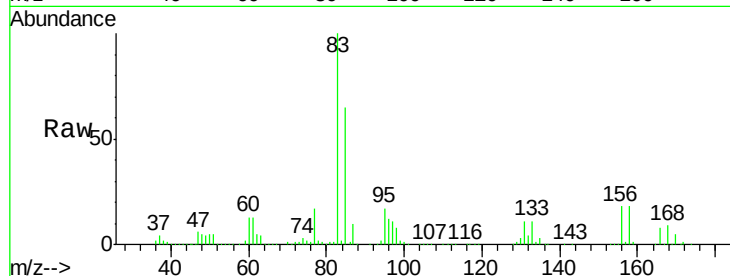
Tot Ion: 83 Resp: 216710

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

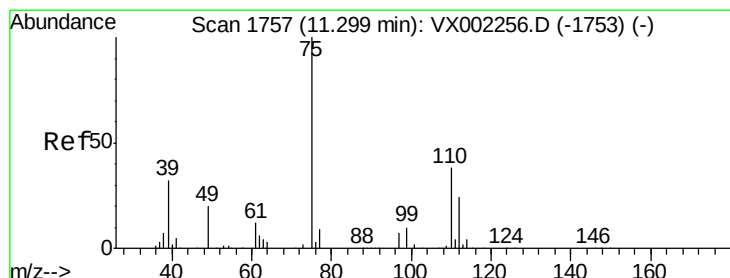
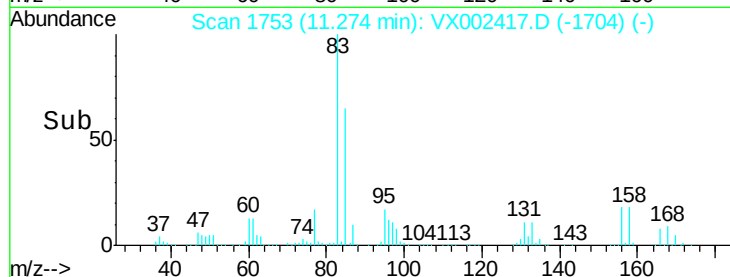
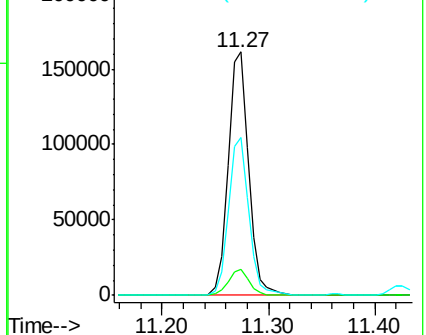
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.78 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002417.D

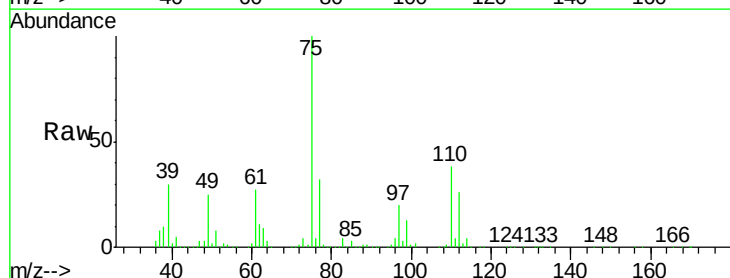
Acq: 09 Jun 2018 10:48

Tgt Ion: 75 Resp: 246043

Ion Ratio Lower Upper

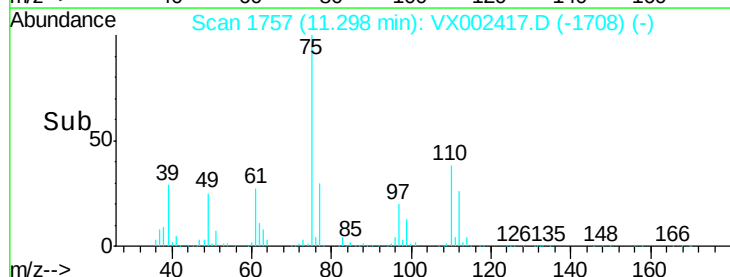
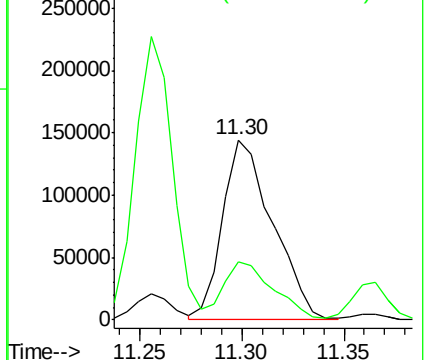
75 100

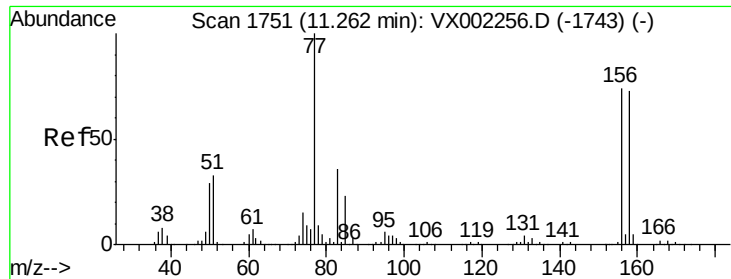
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.10 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

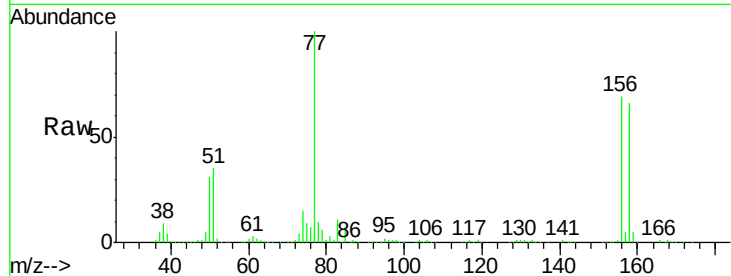
Tot Ion:156 Resp: 207412

Ion Ratio Lower Upper

156 100

77 138.7 71.4 214.2

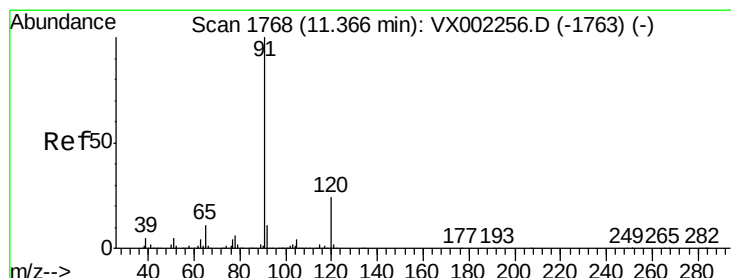
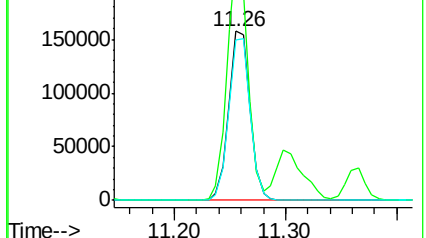
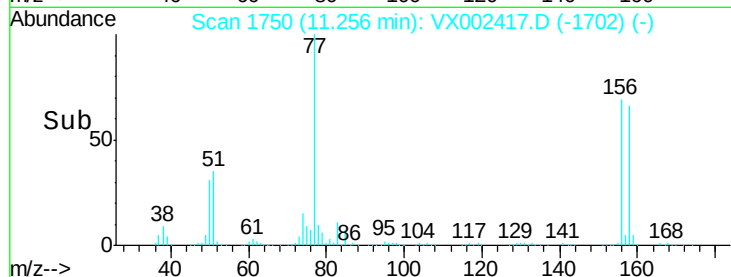
158 97.0 48.9 146.6



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: 52.92 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002417.D

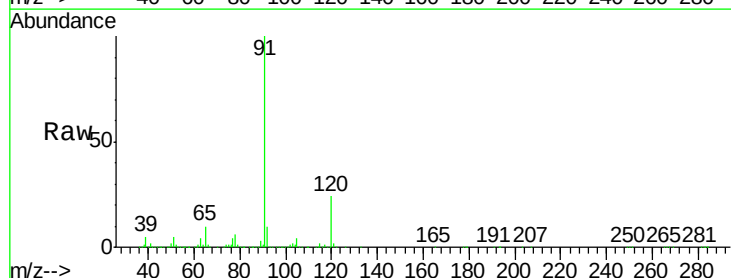
Acq: 09 Jun 2018 10:48

Tgt Ion: 91 Resp: 903471

Ion Ratio Lower Upper

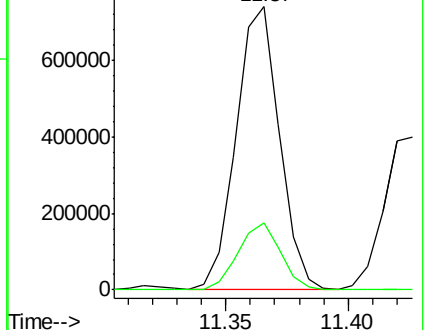
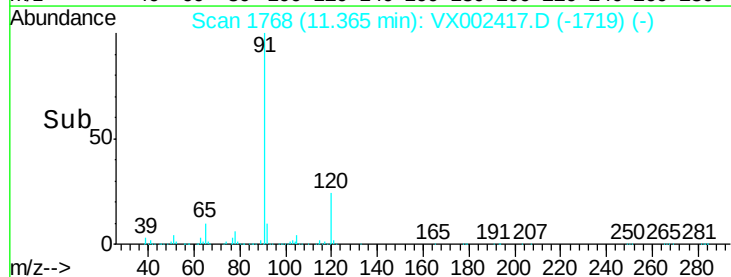
91 100

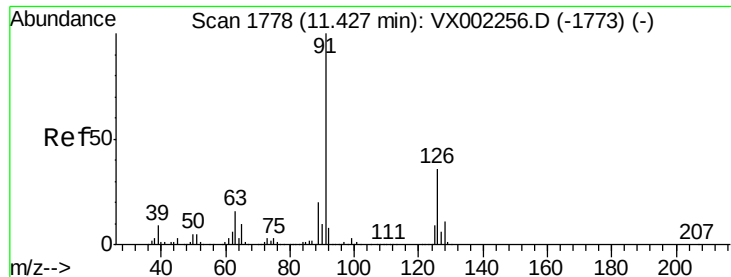
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.98 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

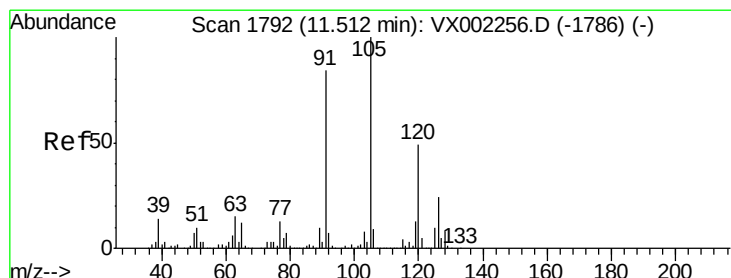
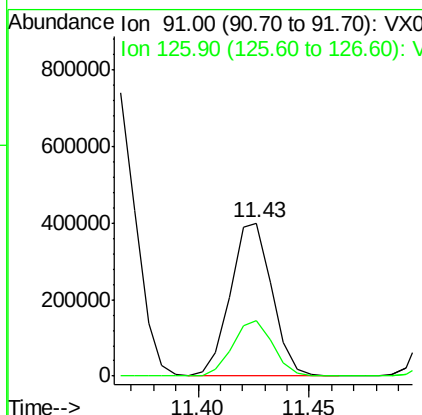
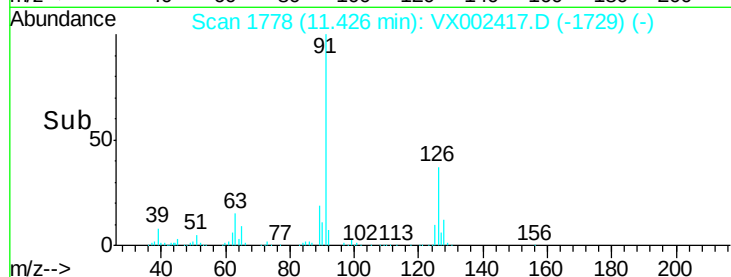
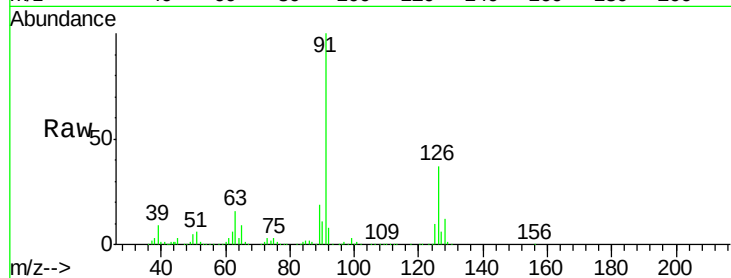
ClientSampled :

Tot Ion: 91 Resp: 517243

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 50.58 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002417.D

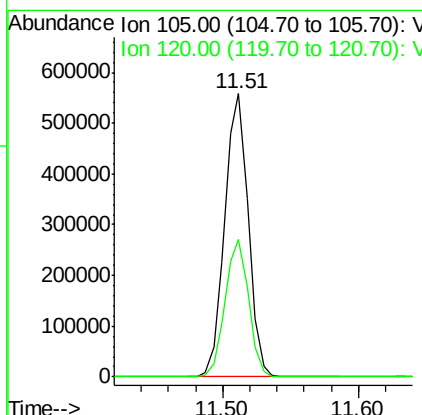
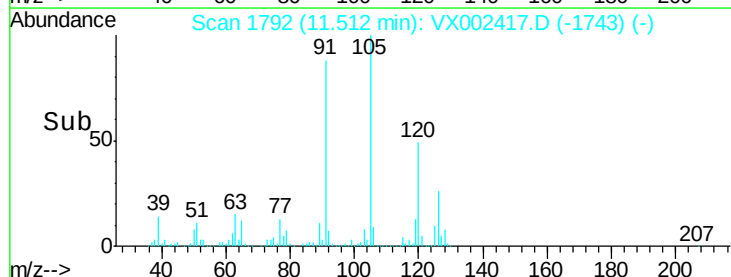
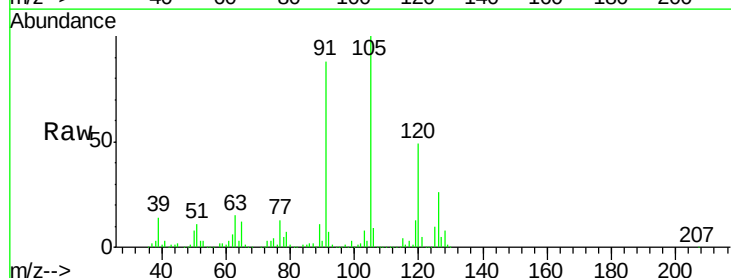
Acq: 09 Jun 2018 10:48

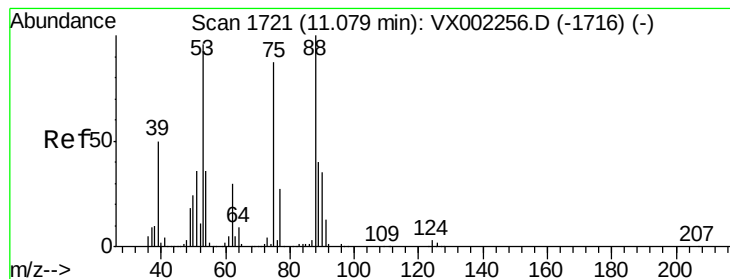
Tgt Ion: 105 Resp: 666348

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.13 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

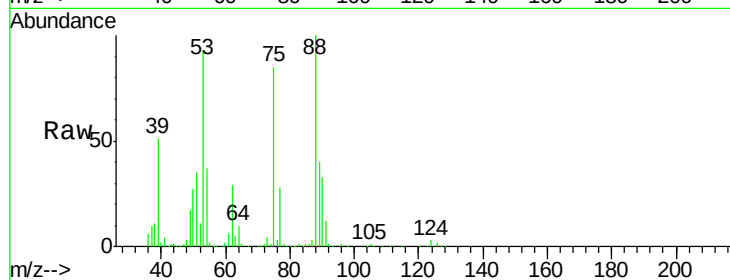
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 56845

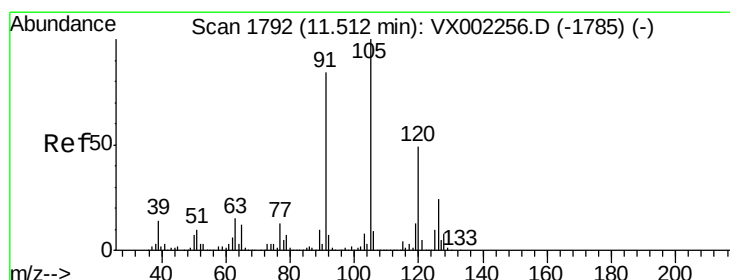
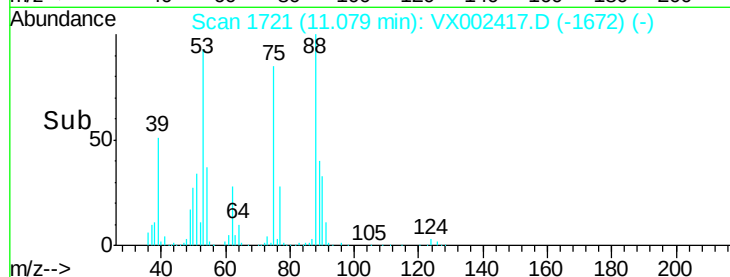
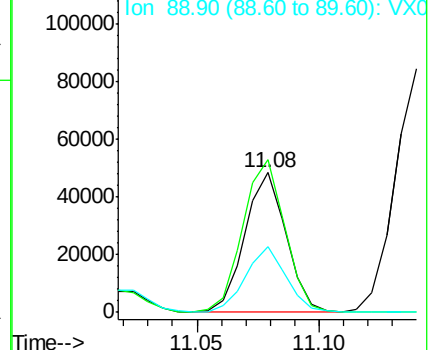
Ion	Ratio	Lower	Upper
75	100		
53	112.2	86.8	130.2
89	46.9	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.03 ug/l

RT: 11.51 min Scan# 1792

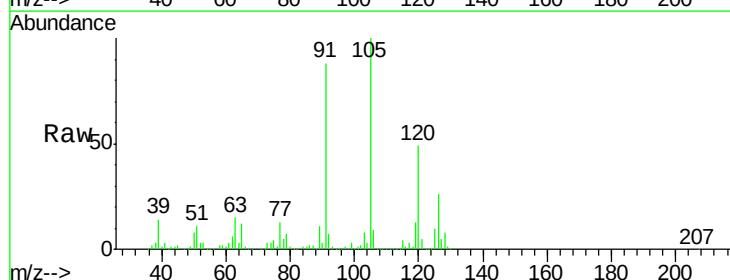
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

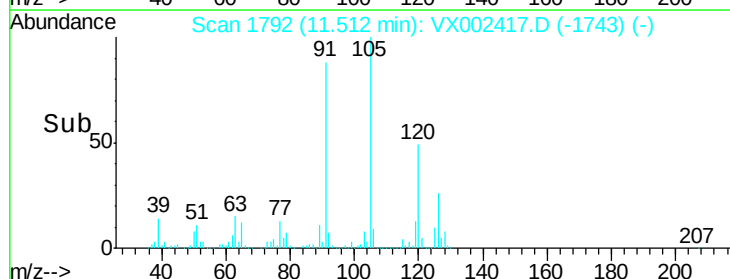
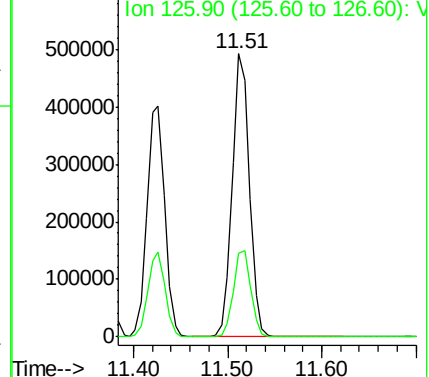
Tgt Ion: 91 Resp: 622539

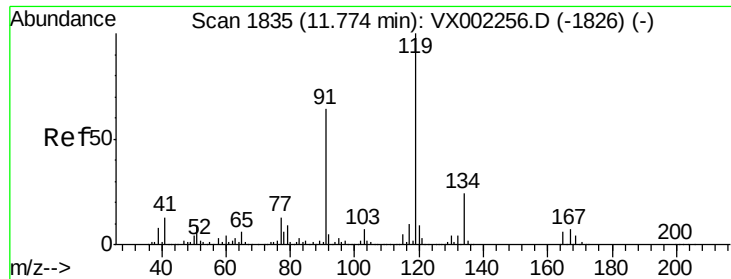
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

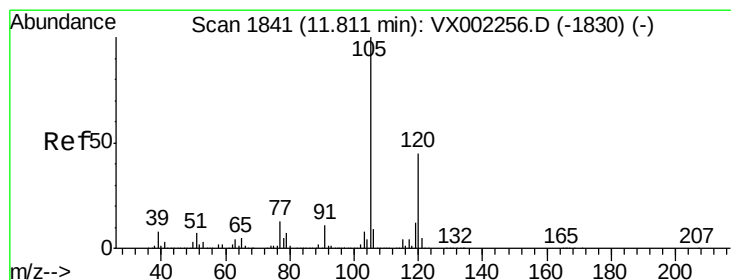
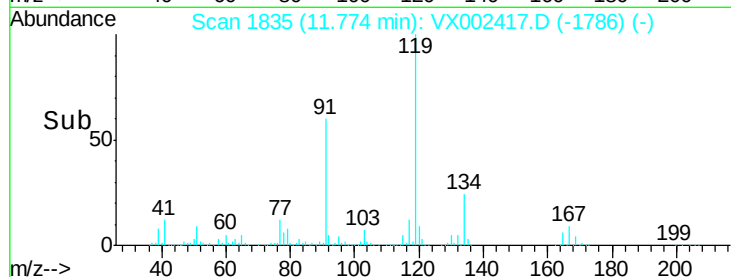
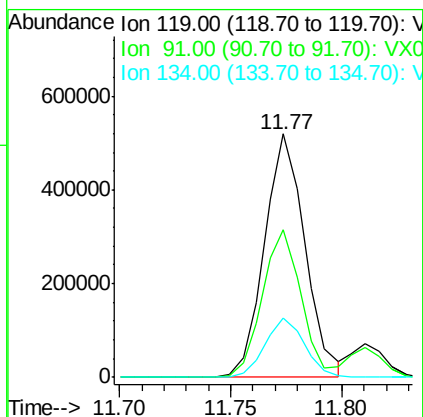
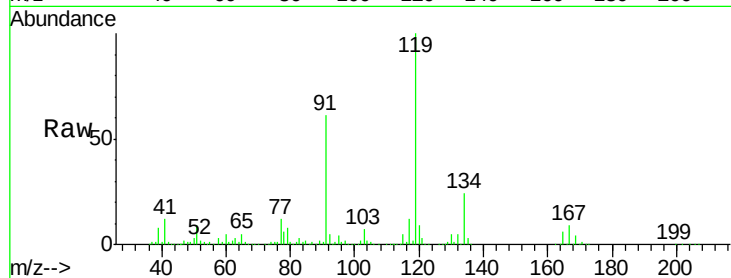




#83
 tert-Butylbenzene
 Concen: 51.08 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

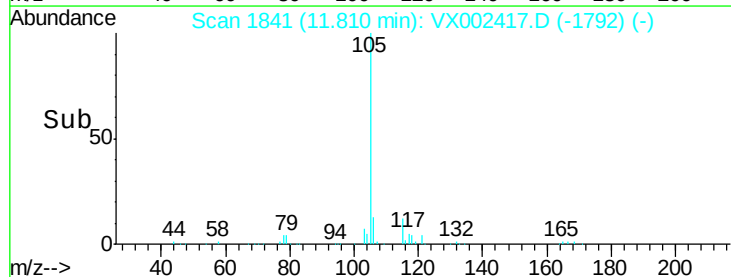
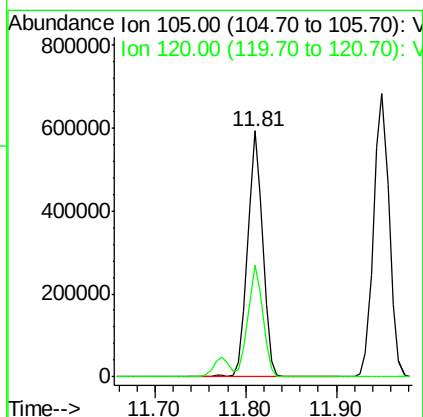
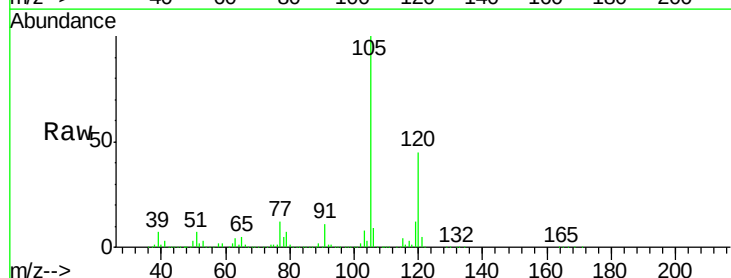
Instrument :
 MSVOA_X
 ClientSampleId :

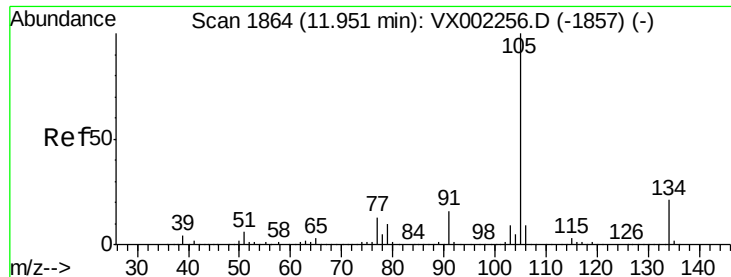
Tot Ion:119 Resp: 655323
 Ion Ratio Lower Upper
 119 100
 91 58.9 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.46 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion:105 Resp: 684284
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8

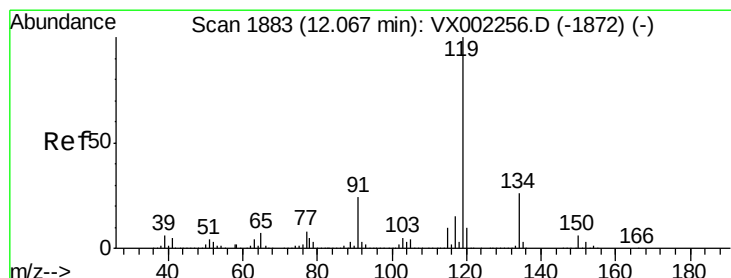
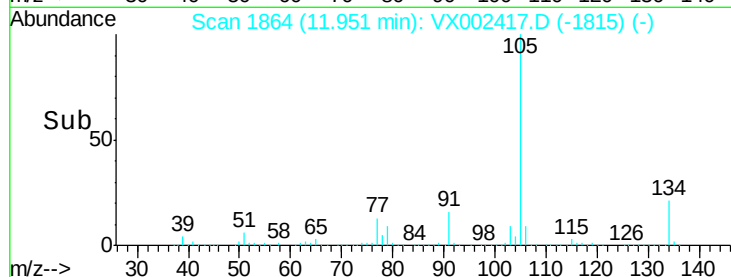
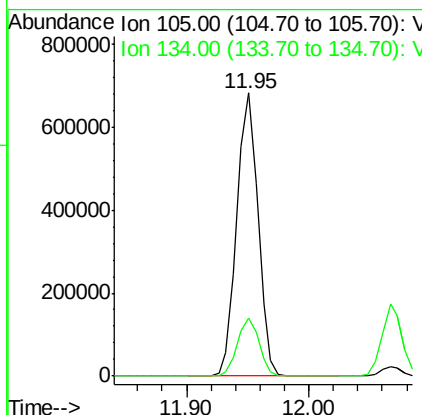
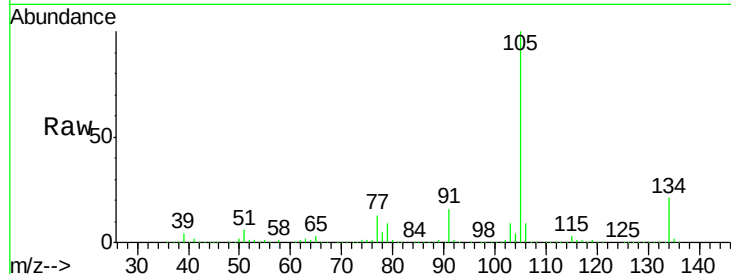




#85
 sec-Butylbenzene
 Concen: 54.21 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

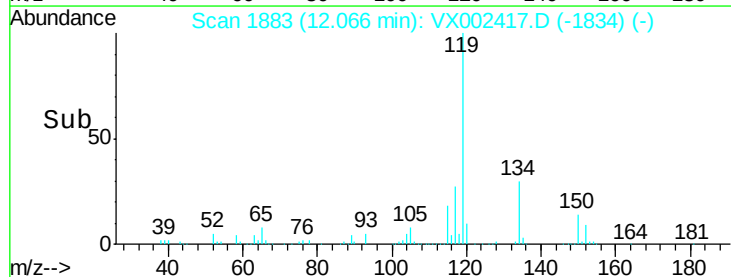
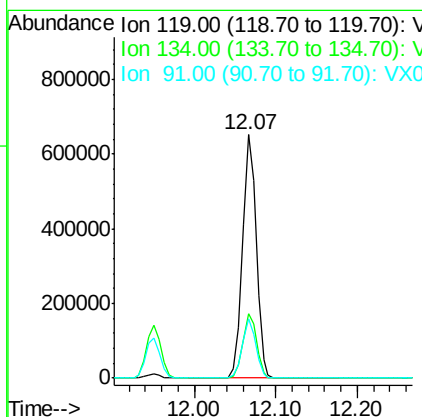
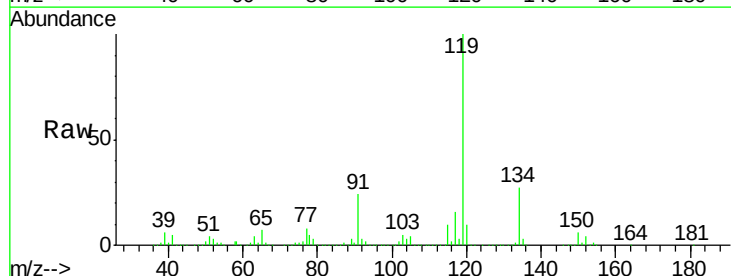
Instrument :
 MSVOA_X
 ClientSampleId :

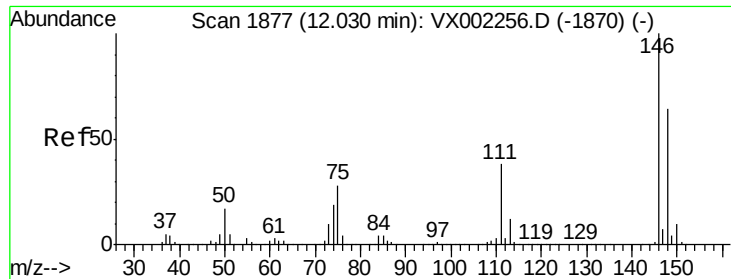
Tot Ion:105 Resp: 815324
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.48 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion:119 Resp: 746310
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.8 11.9 35.7

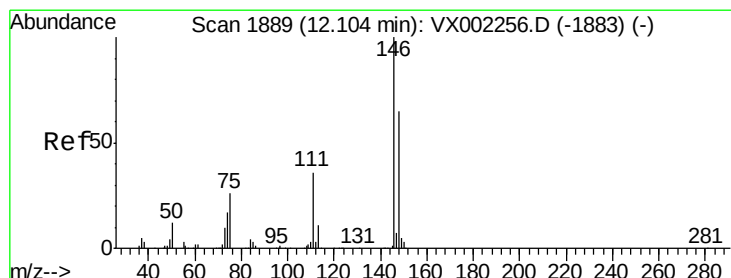
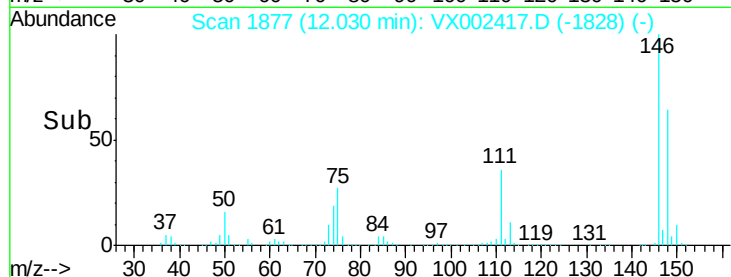
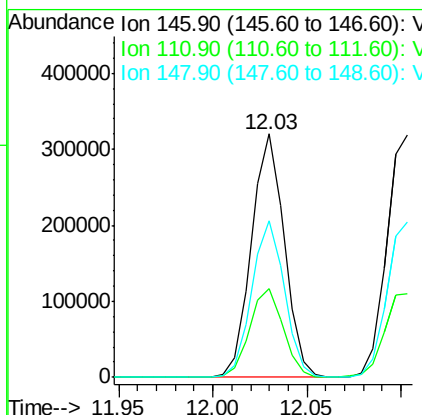
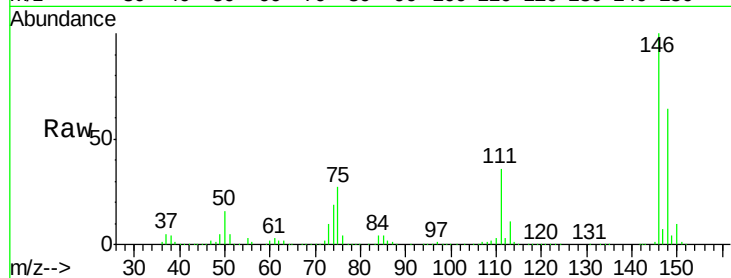




#87
 1,3-Dichlorobenzene
 Concen: 50.31 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

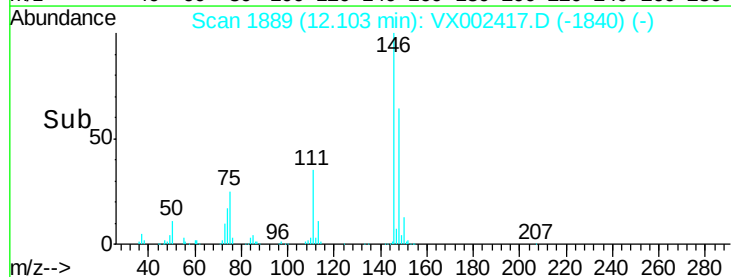
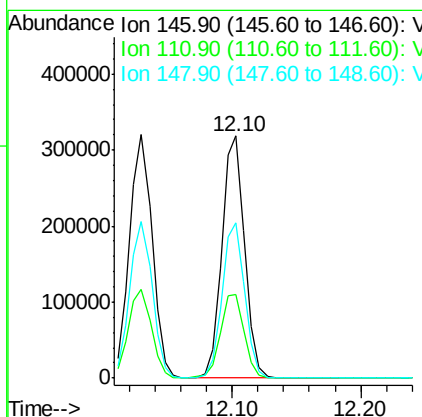
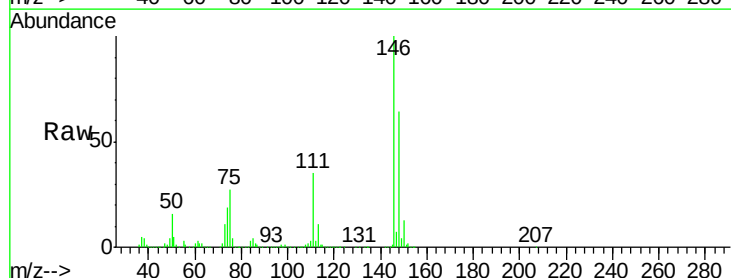
Instrument :
 MSVOA_X
 ClientSampleId :

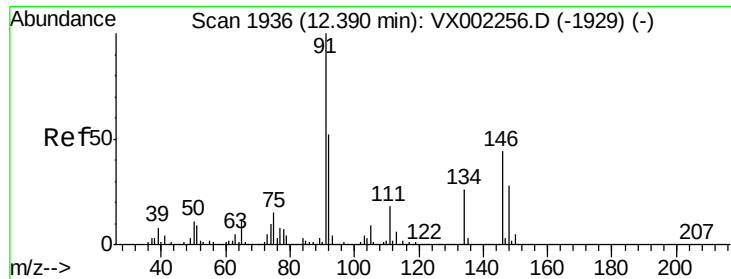
Tot Ion:146 Resp: 387922
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.7
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion:146 Resp: 394531
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 64.2 32.4 97.0





#89

n-Butylbenzene

Concen: 57.45 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002417.D

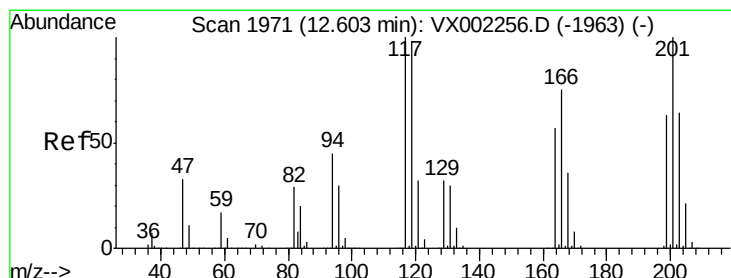
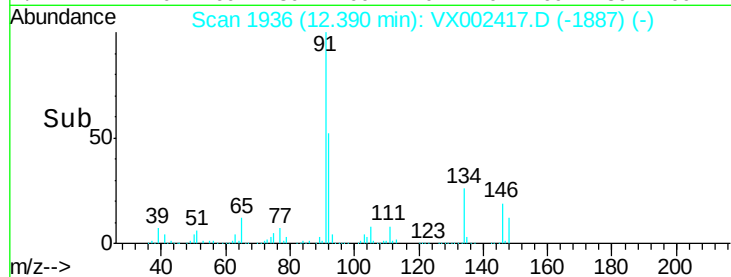
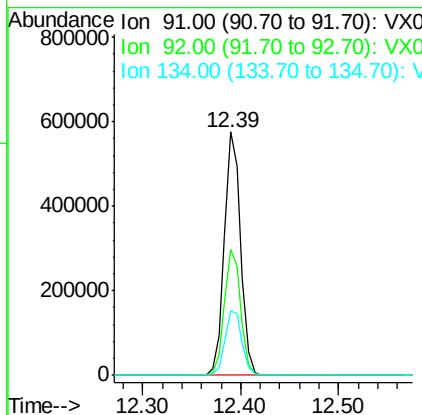
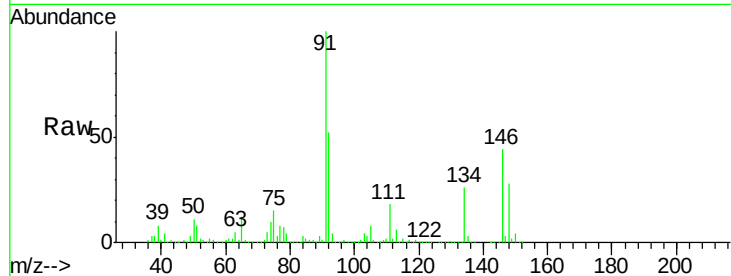
Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	91	Resp:	660061
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.5	13.5	40.5



#90

Hexachloroethane

Concen: 48.80 ug/l

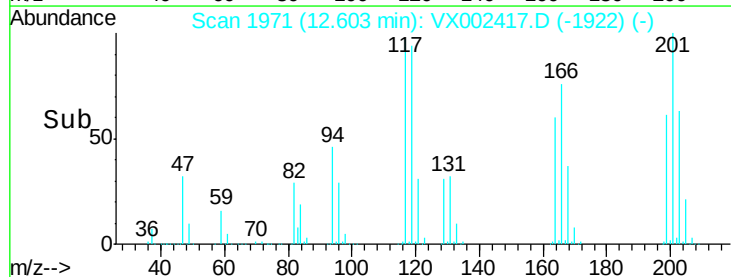
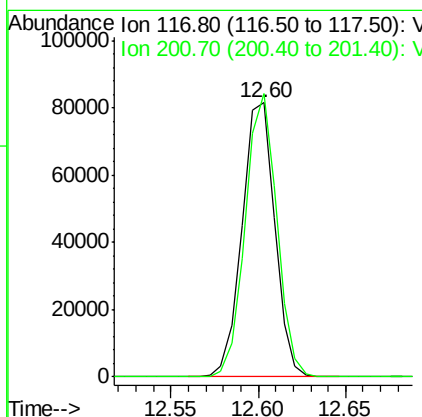
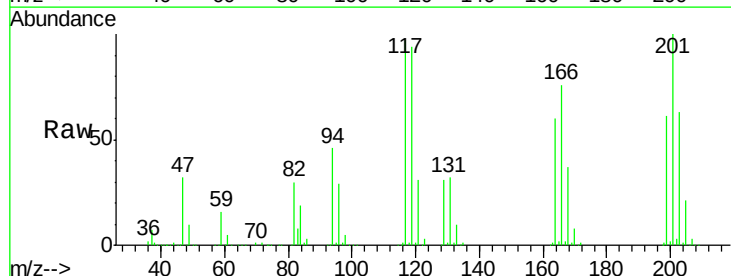
RT: 12.60 min Scan# 1971

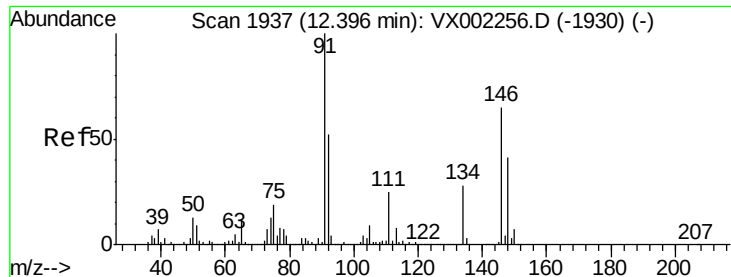
Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Tgt Ion:	117	Resp:	106730
Ion	Ratio	Lower	Upper
117	100		
201	98.9	49.0	147.0

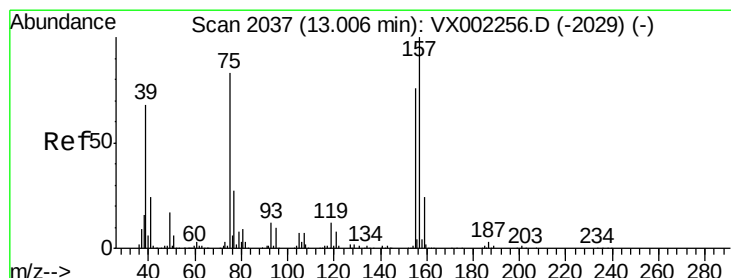
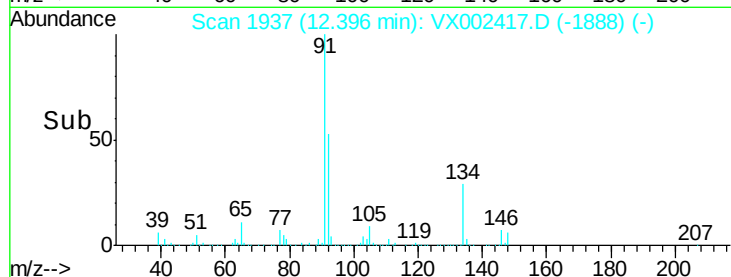
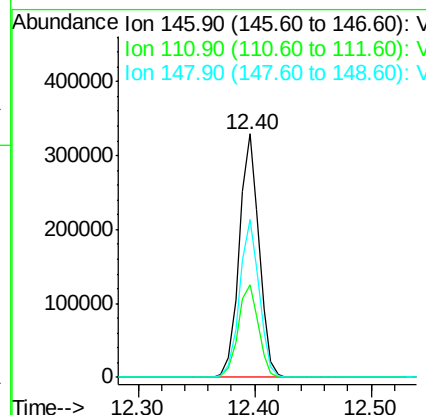
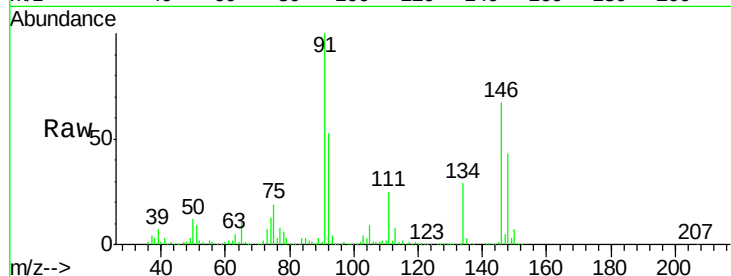




#91
1,2-Dichlorobenzene
Concen: 48.73 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

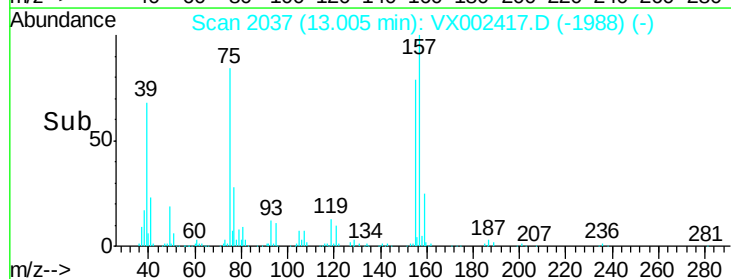
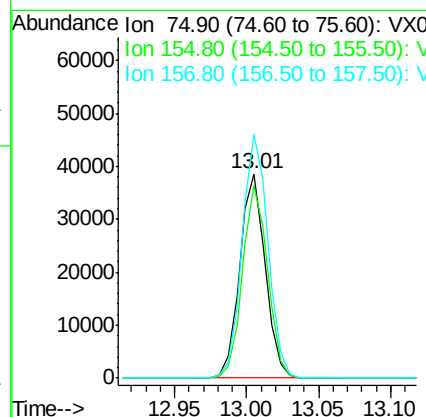
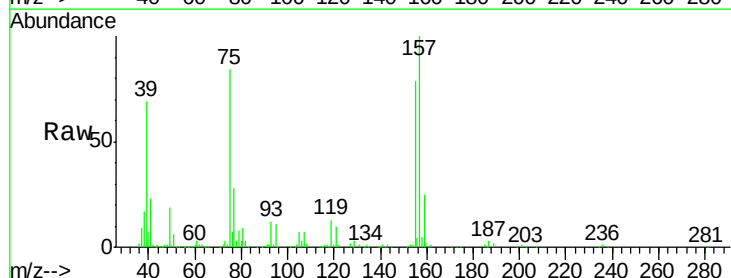
Instrument :
MSVOA_X
ClientSampleId :

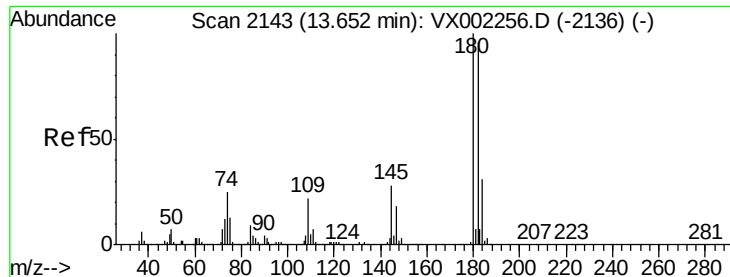
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	64.2	31.7	95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.94 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX002417.D
Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	45.8	137.4
157	120.6	60.1	180.3

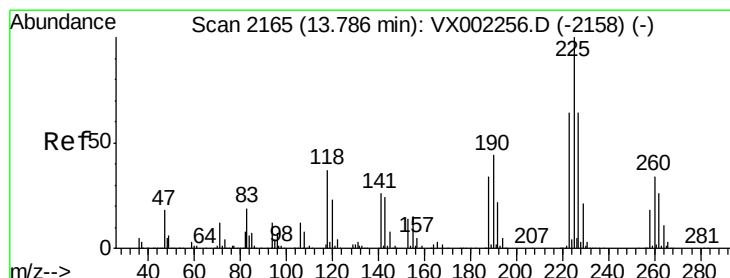
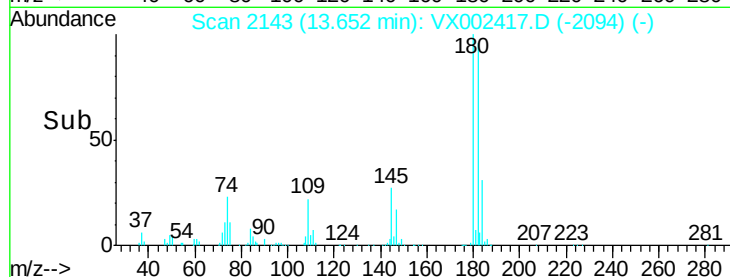
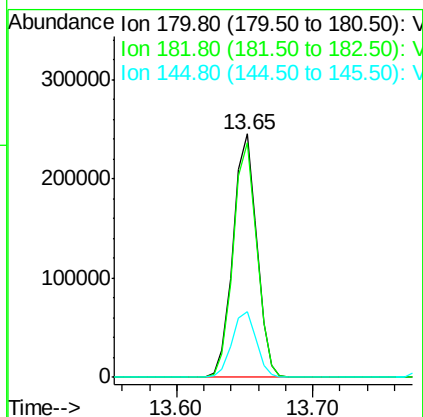
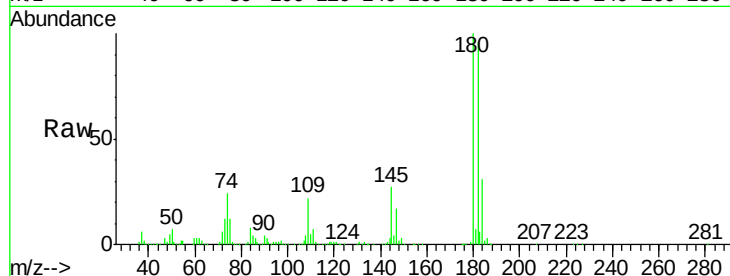




#93
 1,2,4-Trichlorobenzene
 Concen: 53.09 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

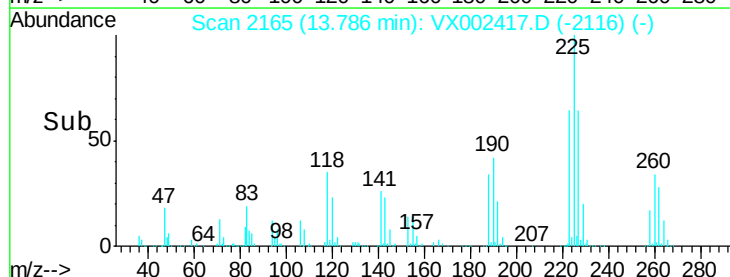
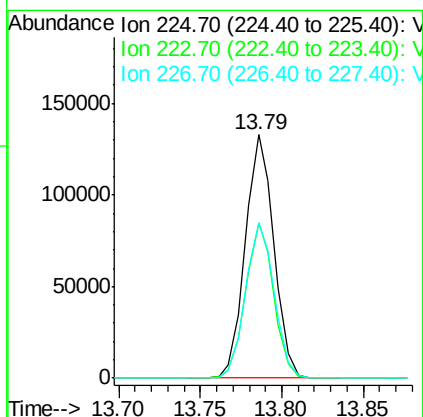
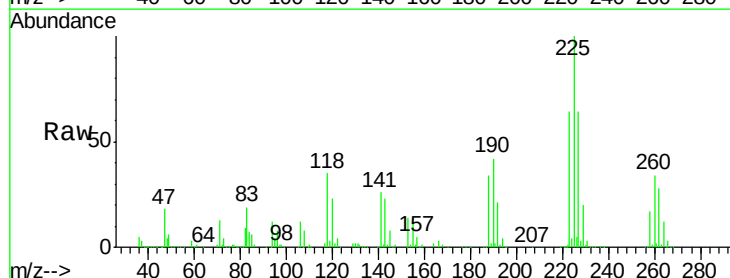
Instrument :
 MSVOA_X
 ClientSampleId :

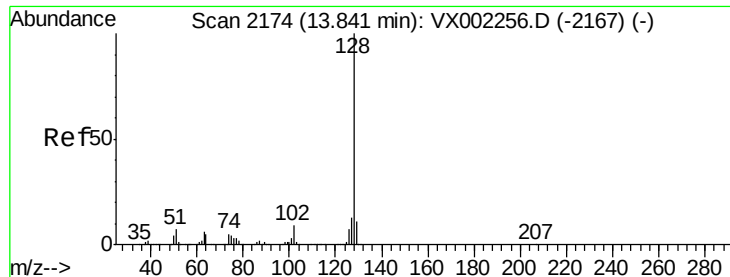
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	27.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 58.60 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002417.D
 Acq: 09 Jun 2018 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.6	95.0
227	64.4	32.4	97.2





#95

Naphthalene

Concen: 48.55 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

Instrument :

MSVOA_X

ClientSampleId :

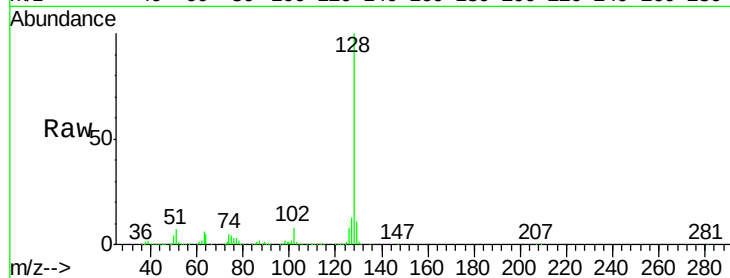
Tot Ion:128 Resp: 780350

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

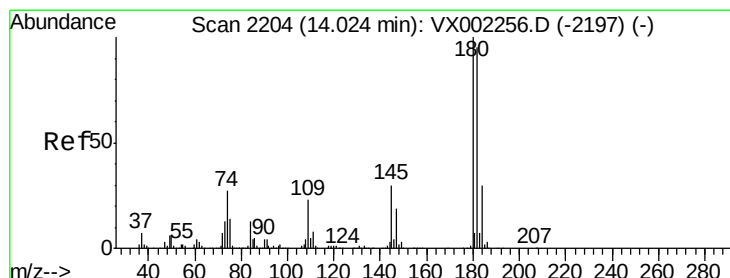
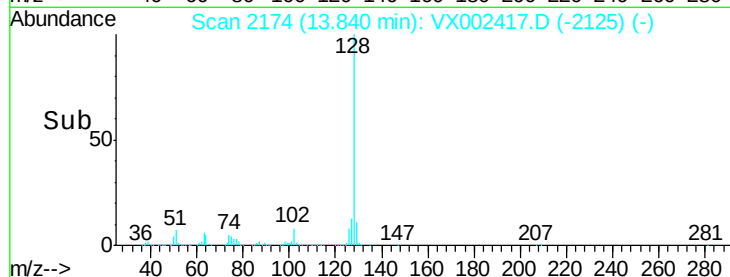
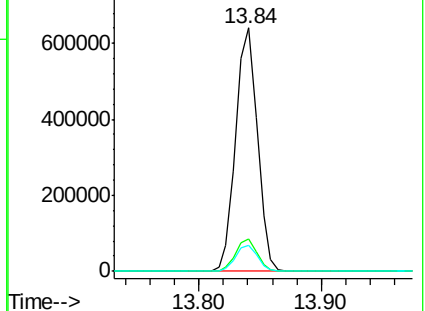
129 10.9 8.6 13.0



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: 51.90 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002417.D

Acq: 09 Jun 2018 10:48

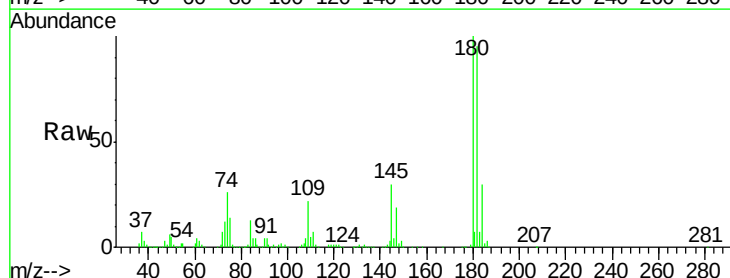
Tgt Ion:180 Resp: 296075

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.0

145 29.6 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

