

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002501.D
 Acq On : 13 Jun 2018 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 01:41:06 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	172409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	266654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182851	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	140899	57.68	ug/l	0.00
Spiked Amount			Recovery	=	115.36%	
35) Dibromofluoromethane	5.51	113	106887	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	
50) Toluene-d8	8.72	98	390314	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.14	95	157974	50.97	ug/l	0.00
Spiked Amount			Recovery	=	101.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	61645	34.40	ug/l	99
3) Chloromethane	1.32	50	96709	46.92	ug/l	100
4) Vinyl Chloride	1.41	62	96641	42.78	ug/l	98
5) Bromomethane	1.64	94	62259	48.61	ug/l	98
6) Chloroethane	1.72	64	69726	47.72	ug/l	98
7) Trichlorofluoromethane	1.93	101	154359	44.85	ug/l	97
8) Diethyl Ether	2.19	74	75877	62.65	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	82969	44.67	ug/l	99
10) Methyl Iodide	2.51	142	108521	41.54	ug/l	99
11) Tert butyl alcohol	3.07	59	142979	285.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83791	45.65	ug/l	100
13) Acrolein	2.29	56	48459	195.84	ug/l	99
14) Allyl chloride	2.73	41	192553	48.34	ug/l	98
15) Acrylonitrile	3.15	53	325705	312.84	ug/l	99
16) Acetone	2.45	43	336701	323.15	ug/l	100
17) Carbon Disulfide	2.57	76	176742	36.54	ug/l	99
18) Methyl Acetate	2.78	43	160268	65.74	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	399593	63.15	ug/l	98
20) Methylene Chloride	2.86	84	117345	60.79	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	96895	47.87	ug/l	99
22) Diisopropyl ether	3.87	45	418124	63.23	ug/l	95
23) Vinyl Acetate	3.82	43	1870395	289.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209414	53.19	ug/l	99
25) 2-Butanone	4.71	43	425098	251.47	ug/l	100
26) 2,2-Dichloropropane	4.59	77	133579	43.41	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	107082	48.65	ug/l	95
28) Bromochloromethane	5.02	49	106160	64.43	ug/l	100
29) Tetrahydrofuran	5.17	42	265541	243.64	ug/l	100
30) Chloroform	5.22	83	192424	50.65	ug/l	98
31) Cyclohexane	5.58	56	116986	37.58	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	147025	45.64	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119777	42.73	ug/l	99
37) Ethyl Acetate	4.86	43	163593	48.53	ug/l	100
38) Carbon Tetrachloride	5.79	117	123947	42.26	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117698	34.07	ug/l	98
40) Benzene	6.15	78	399940	46.53	ug/l	98
41) Methacrylonitrile	5.06	41	94016	48.72	ug/l	98
42) 1,2-Dichloroethane	6.20	62	172109	50.40	ug/l	100
43) Isopropyl Acetate	6.46	43	279852	48.87	ug/l	99
44) Trichloroethene	7.22	130	109964	46.10	ug/l	100
45) 1,2-Dichloropropane	7.52	63	113401	48.87	ug/l	98
46) Dibromomethane	7.67	93	77853	49.49	ug/l	99
47) Bromodichloromethane	7.90	83	143765	50.53	ug/l	96
48) Methyl methacrylate	7.78	41	144039	50.08	ug/l	99
49) 1,4-Dioxane	7.76	88	54363	1010.84	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	917936	257.42	ug/l	99
52) Toluene	8.79	92	262383	48.00	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	171855	50.37	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	162180	50.38	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	119620	53.20	ug/l	98
56) Ethyl methacrylate	9.18	69	182098	50.73	ug/l	99
57) 1,3-Dichloropropane	9.37	76	195335	51.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	553569	333.18	ug/l	100
59) 2-Hexanone	9.50	43	718878	261.00	ug/l	100
60) Dibromochloromethane	9.59	129	121105	53.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	124890	53.27	ug/l	100
64) Tetrachloroethene	9.34	164	129151	46.19	ug/l	98
65) Chlorobenzene	10.14	112	318112	47.15	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	118536	48.52	ug/l	99
67) Ethyl Benzene	10.26	91	515948	45.70	ug/l	100
68) m/p-Xylenes	10.36	106	410371	93.50	ug/l	99
69) o-Xylene	10.70	106	205236	46.99	ug/l	99
70) Styrene	10.71	104	357404	50.06	ug/l	99
71) Bromoform	10.86	173	94048	43.47	ug/l	98
73) Isopropylbenzene	11.02	105	536211	42.16	ug/l	100
74) N-amyl acetate	6.46	43	279852	40.83	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	176769	44.19	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	210588	52.49	ug/l	79
77) Bromobenzene	11.26	156	158934	44.51	ug/l	98
78) n-propylbenzene	11.37	91	616049	43.57	ug/l	100
79) 2-Chlorotoluene	11.43	91	383093	42.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	471343	43.20	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48190	42.10	ug/l	93
82) 4-Chlorotoluene	11.51	91	461302	44.77	ug/l	99
83) tert-Butylbenzene	11.77	119	447050	42.08	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	500071	44.53	ug/l	99
85) sec-Butylbenzene	11.95	105	537543	43.16	ug/l	99
86) p-Isopropyltoluene	12.07	119	504939	44.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	297464	46.59	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	301907	45.87	ug/l	99
89) n-Butylbenzene	12.39	91	441261	46.38	ug/l	100
90) Hexachloroethane	12.60	117	73066	40.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	305832	46.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39240	44.85	ug/l	98

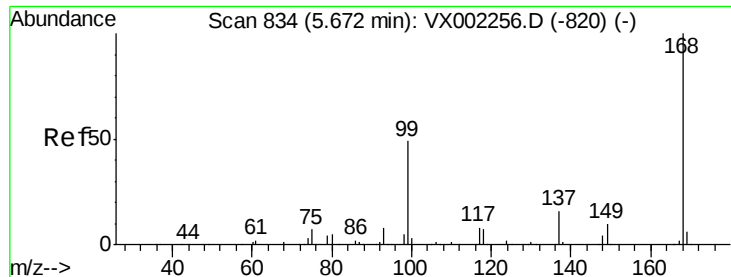
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	224313	48.42	ug/l	100
94) Hexachlorobutadiene	13.79	225	101226	44.22	ug/l	98
95) Naphthalene	13.84	128	631249	47.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	228382	48.34	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

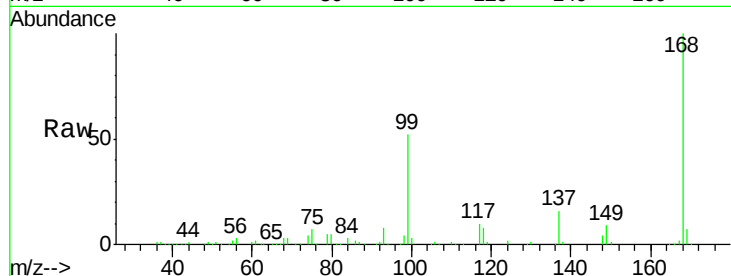
ClientSampleId :

Tot Ion:168 Resp: 172409

Ion Ratio Lower Upper

168 100

99 51.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

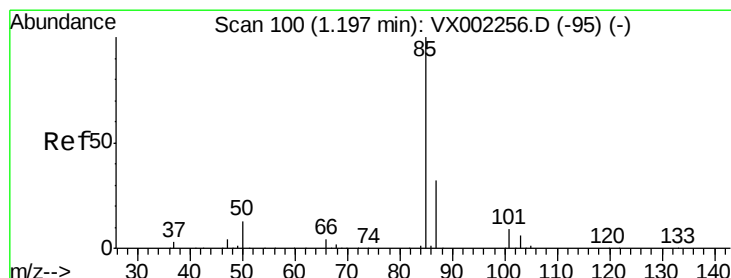
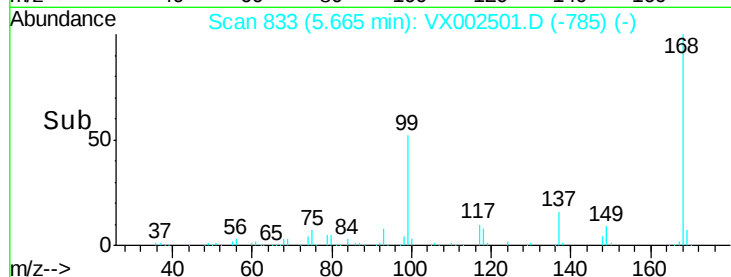
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 34.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002501.D

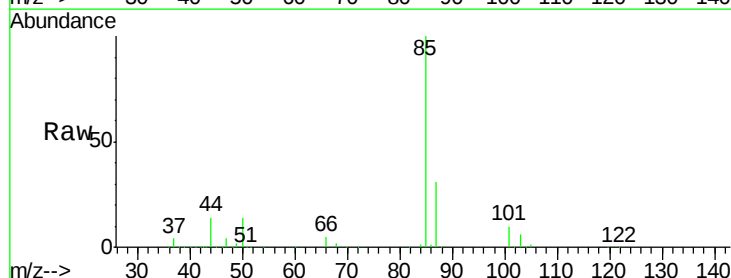
Acq: 13 Jun 2018 10:05

Tgt Ion: 85 Resp: 61645

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

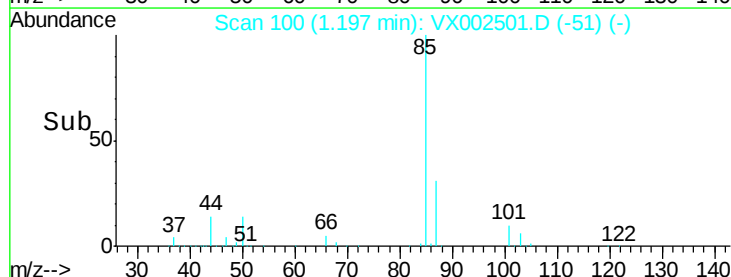
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40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.92 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

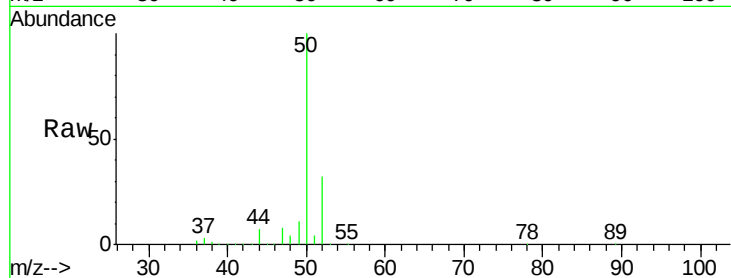
ClientSampled :

Tot Ion: 50 Resp: 96709

Ion Ratio Lower Upper

50 100

52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

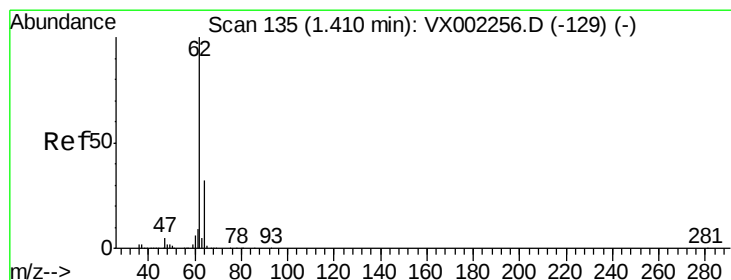
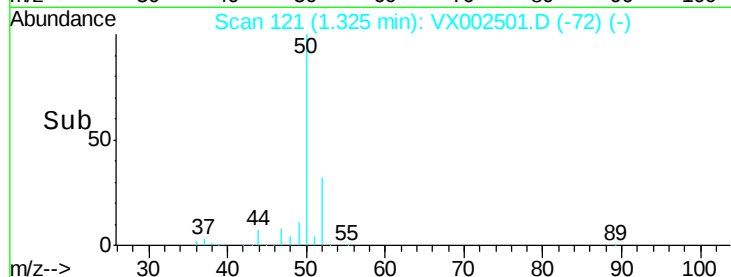
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 42.78 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002501.D

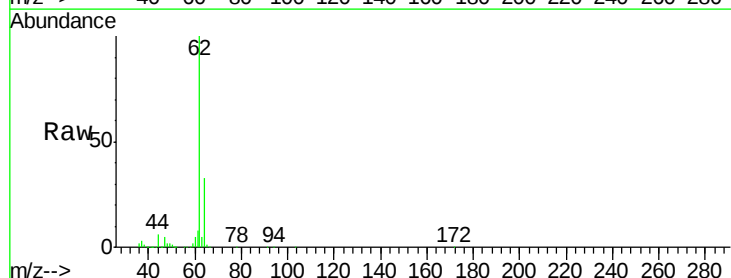
Acq: 13 Jun 2018 10:05

Tgt Ion: 62 Resp: 96641

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

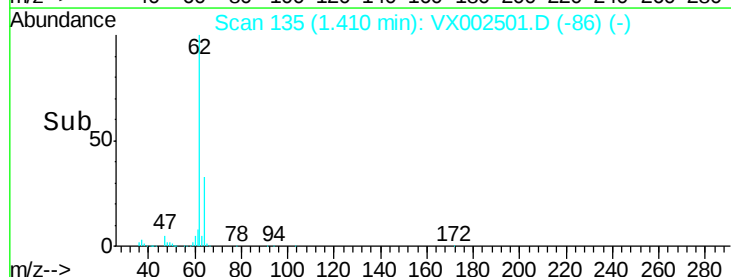
60000

40000

20000

0

Time-->





#5

Bromomethane

Concen: 48.61 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

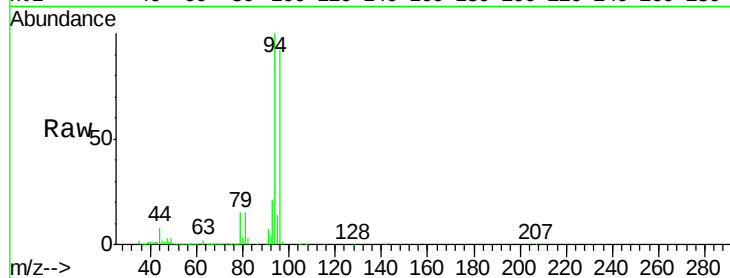
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 62259

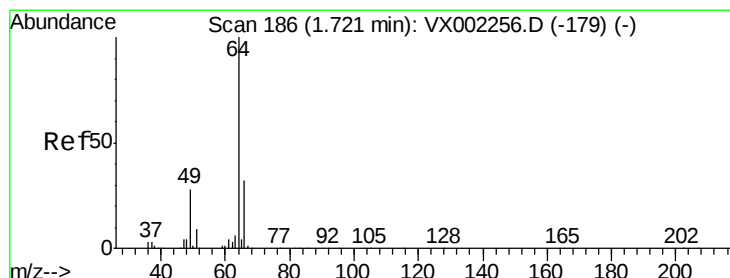
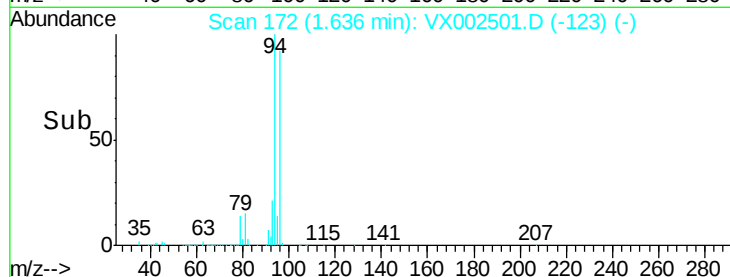
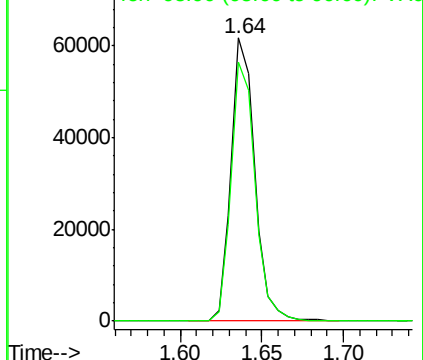
Ion Ratio Lower Upper

94 100

96 91.8 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: 47.72 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002501.D

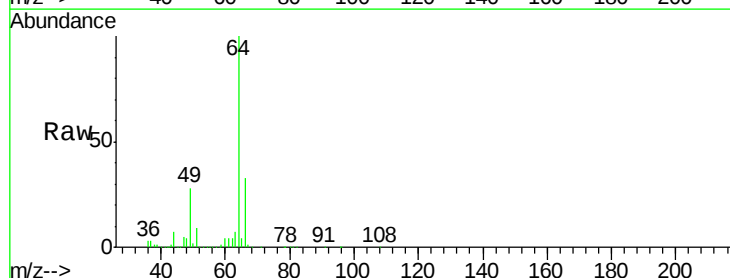
Acq: 13 Jun 2018 10:05

Tgt Ion: 64 Resp: 69726

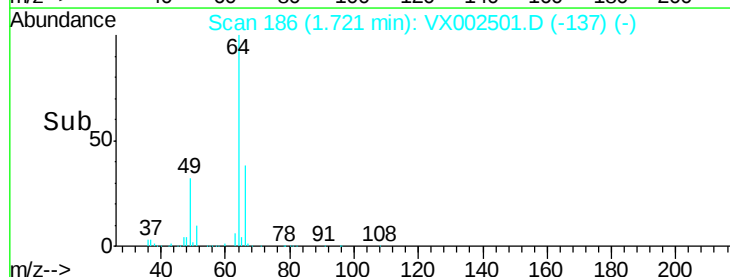
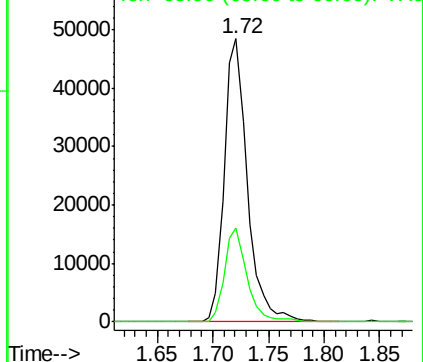
Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



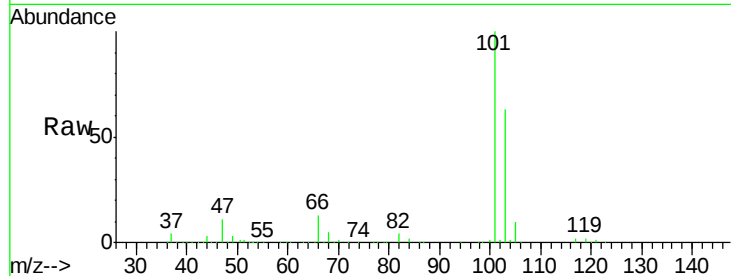


#7

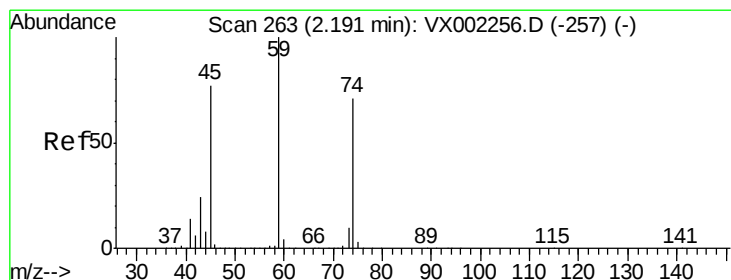
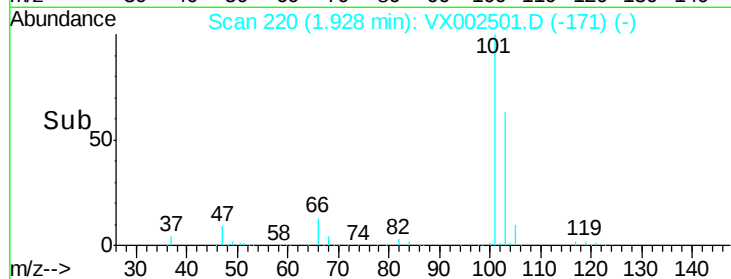
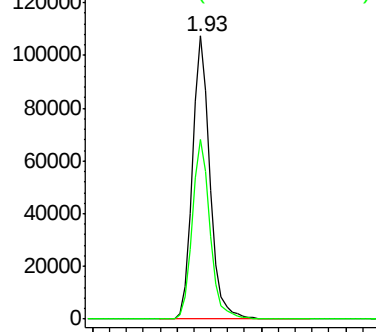
Trichlorofluoromethane
 Concen: 44.85 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 154359
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.8 79.2



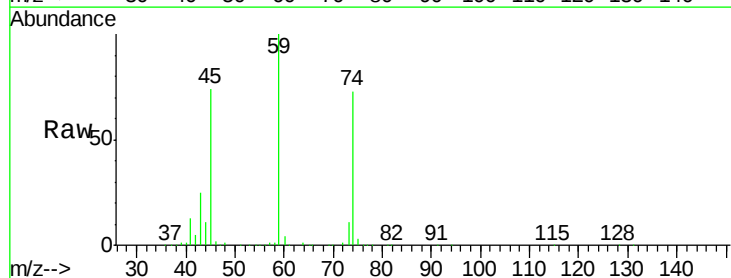
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



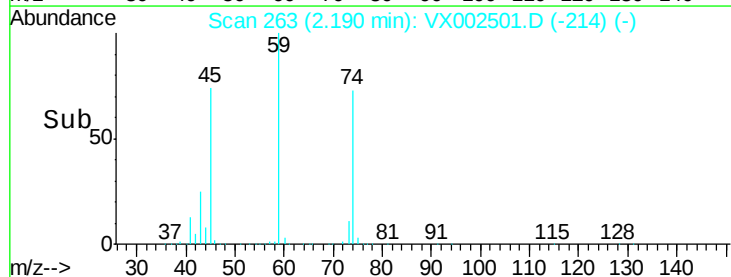
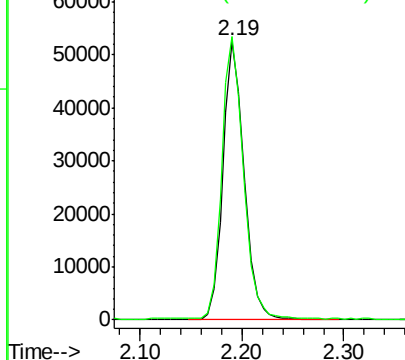
#8

Diethyl Ether
 Concen: 62.65 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion: 74 Resp: 75877
 Ion Ratio Lower Upper
 74 100
 45 103.6 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.67 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :

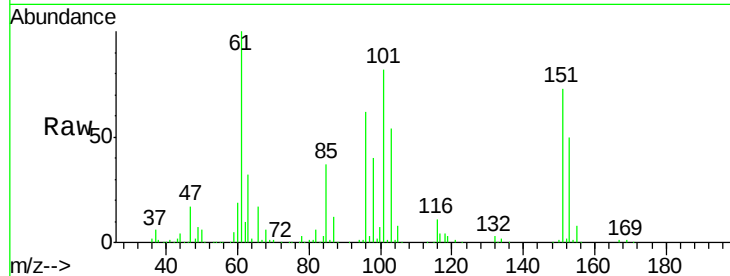
Tot Ion:101 Resp: 82969

Ion Ratio Lower Upper

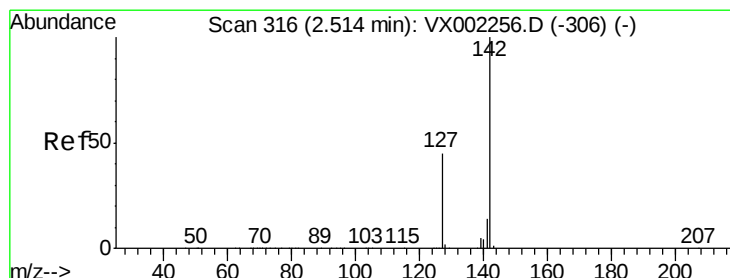
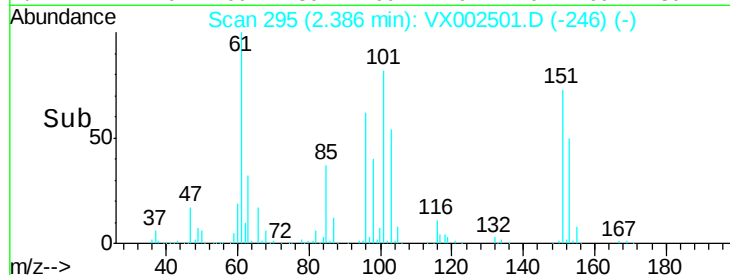
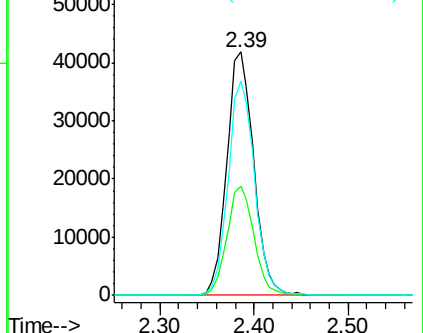
101 100

85 45.3 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: 41.54 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

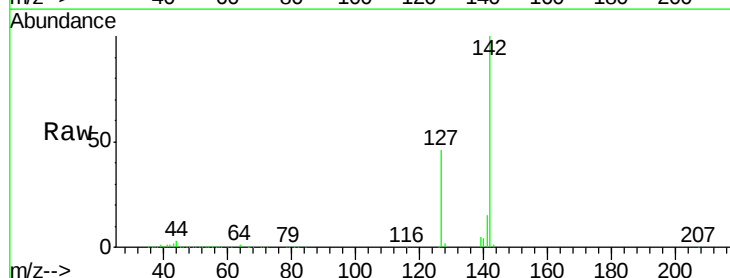
Tgt Ion:142 Resp: 108521

Ion Ratio Lower Upper

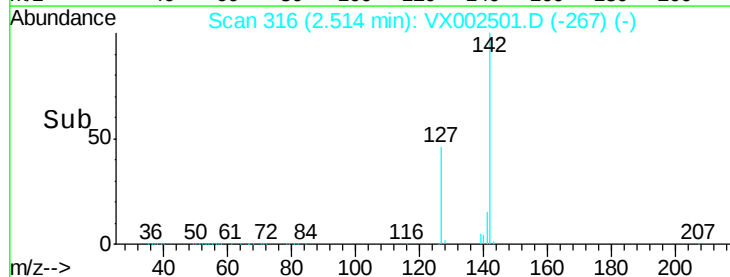
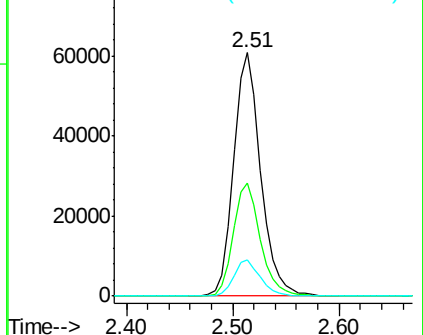
142 100

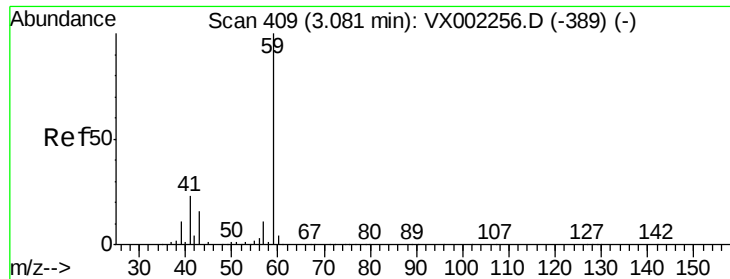
127 46.6 36.6 55.0

141 14.8 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



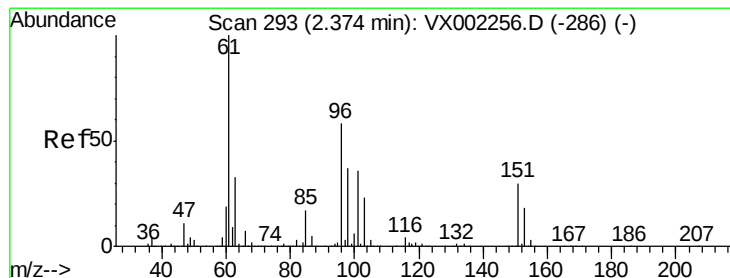
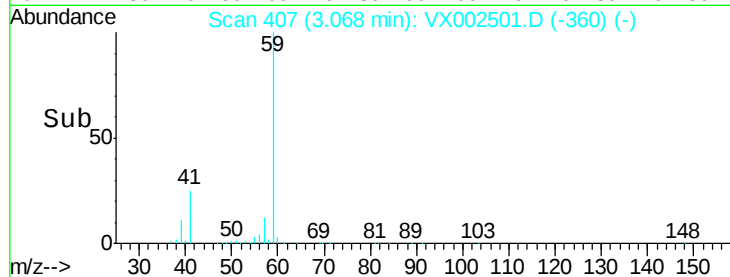
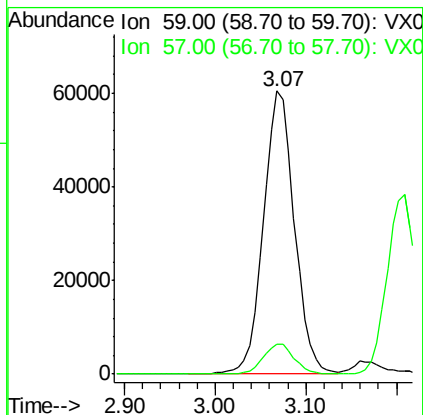
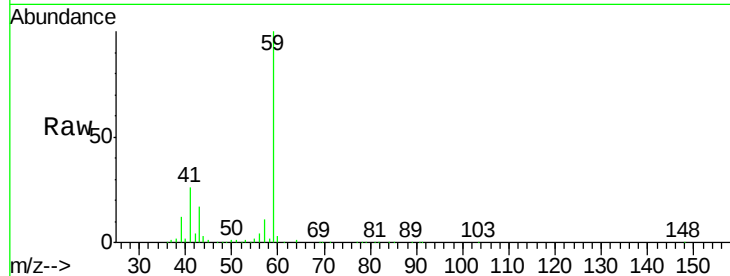


#11

Tert butyl alcohol
Concen: 285.80 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :

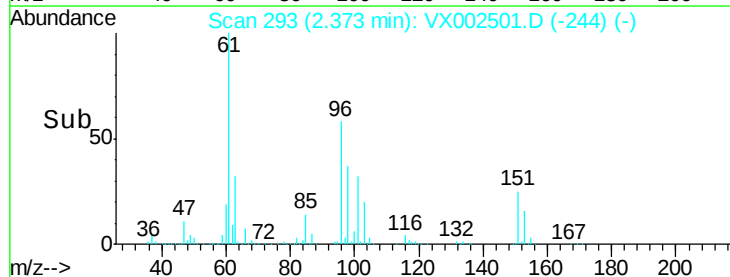
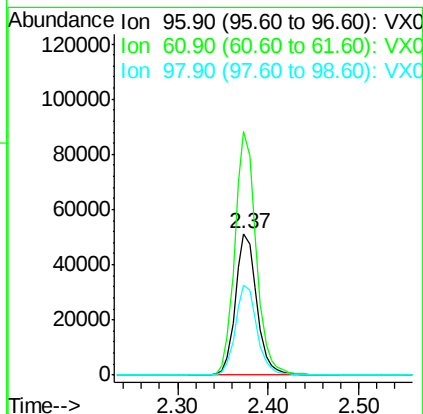
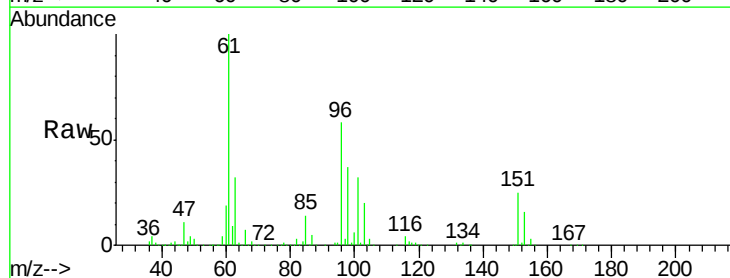
Tot Ion: 59 Resp: 142979
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

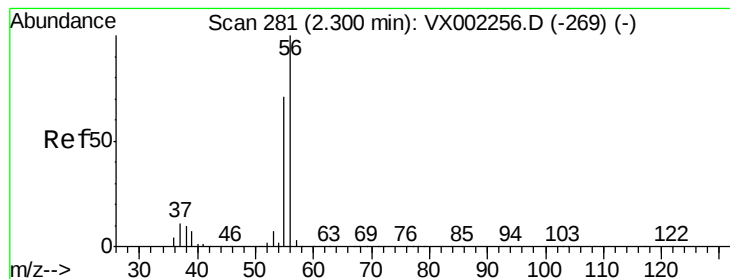


#12

1,1-Dichloroethene
Concen: 45.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 96 Resp: 83791
Ion Ratio Lower Upper
96 100
61 172.1 137.9 206.9
98 64.1 51.6 77.4





#13

Acrolein

Concen: 195.84 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

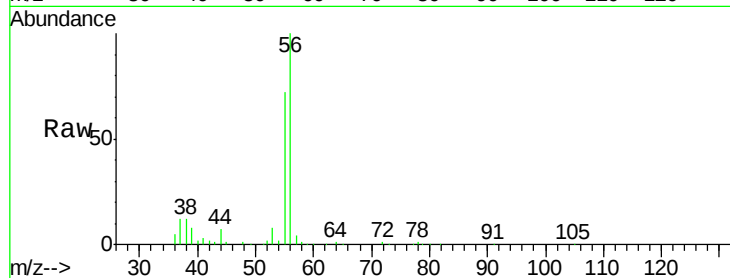
ClientSampleId :

Tot Ion: 56 Resp: 48459

Ion Ratio Lower Upper

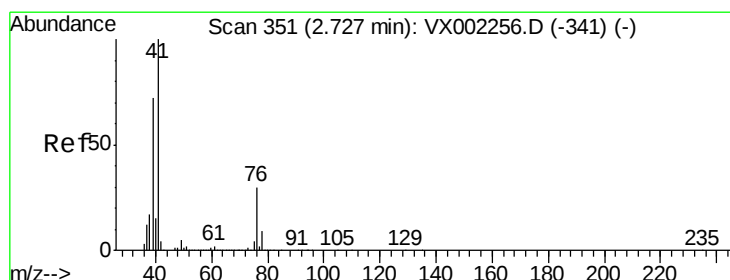
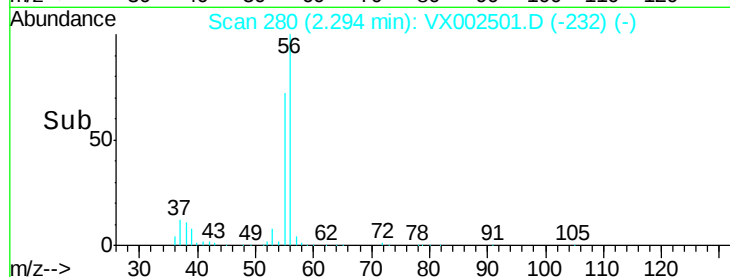
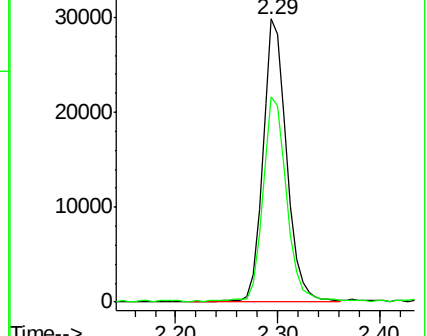
56 100

55 72.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.34 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

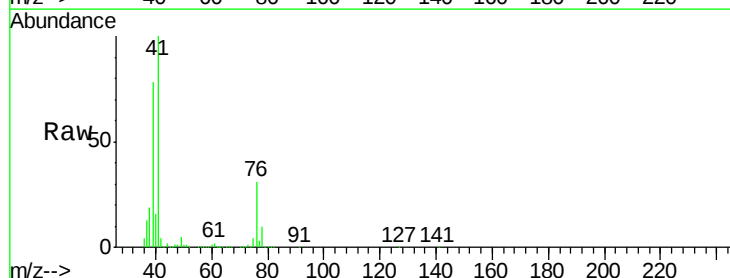
Tgt Ion: 41 Resp: 192553

Ion Ratio Lower Upper

41 100

39 72.7 56.8 85.2

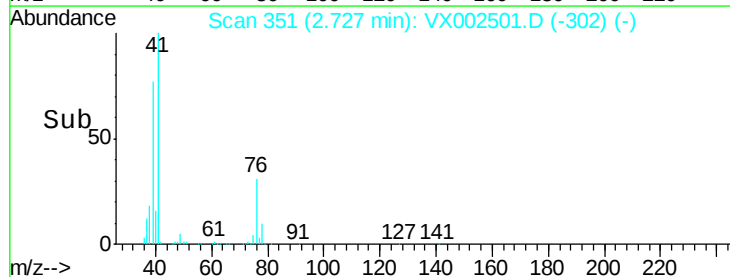
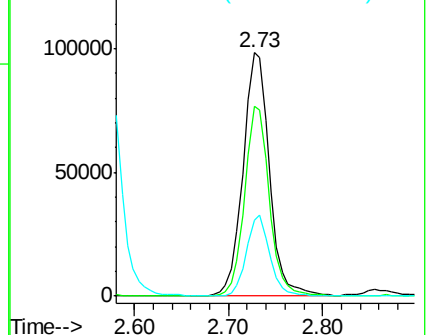
76 29.3 23.8 35.8

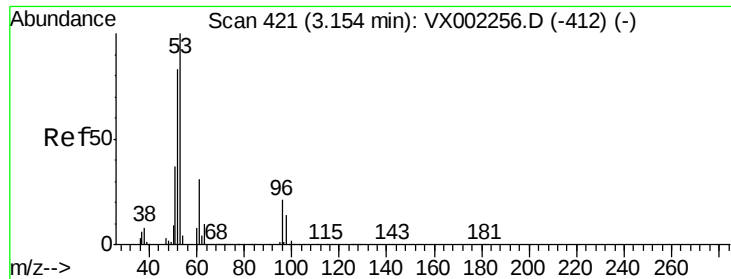


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

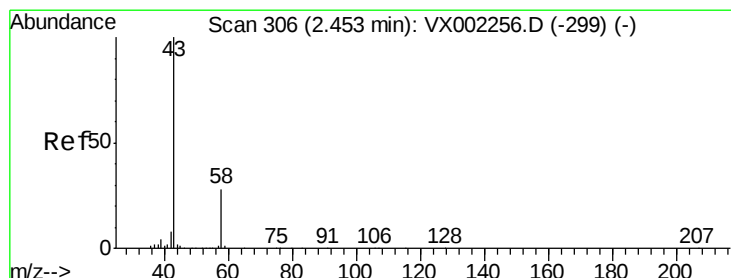
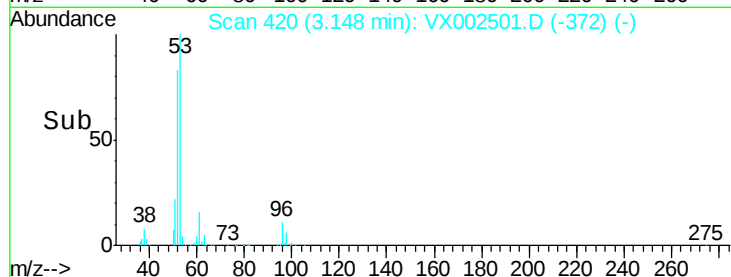
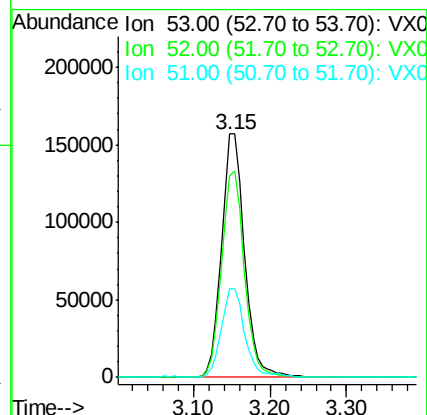
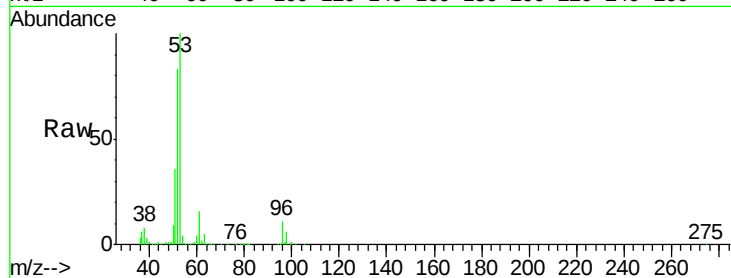




#15
 Acrylonitrile
 Concen: 312.84 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

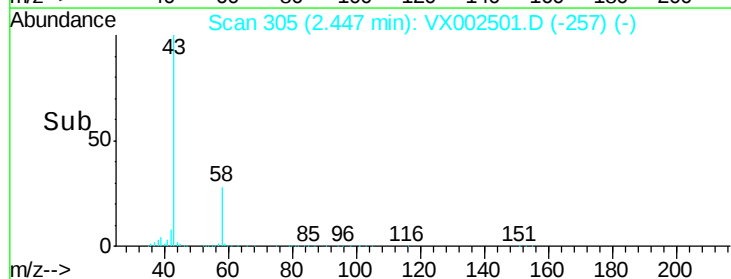
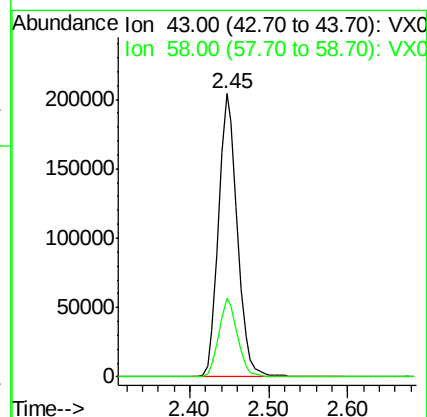
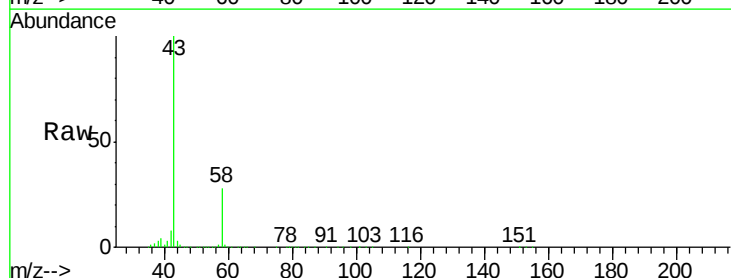
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 53 Resp: 325705
 Ion Ratio Lower Upper
 53 100
 52 84.2 66.7 100.1
 51 37.6 29.9 44.9



#16
 Acetone
 Concen: 323.15 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion: 43 Resp: 336701
 Ion Ratio Lower Upper
 43 100
 58 27.9 22.1 33.1

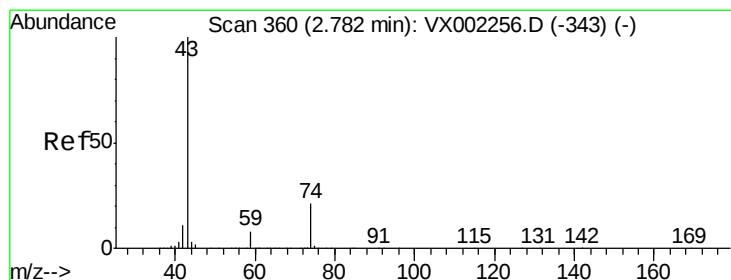
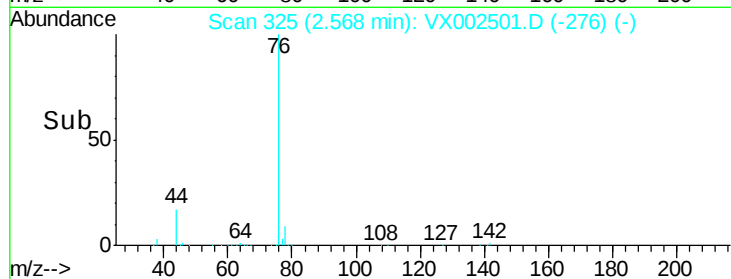
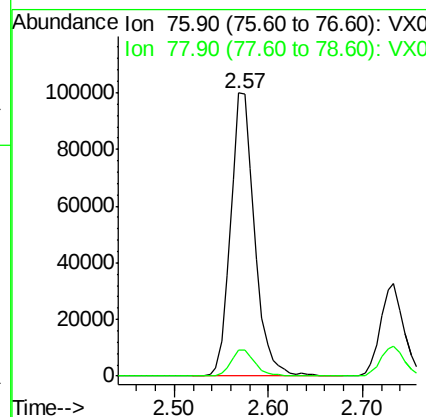
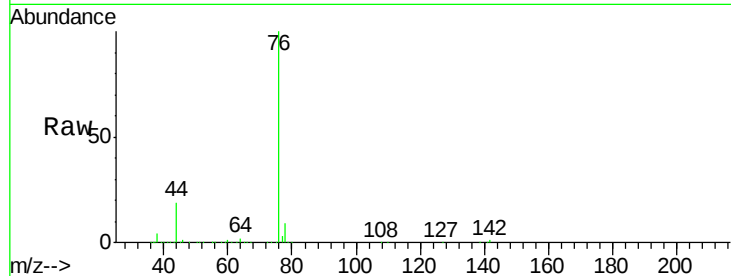




#17
Carbon Disulfide
Concen: 36.54 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

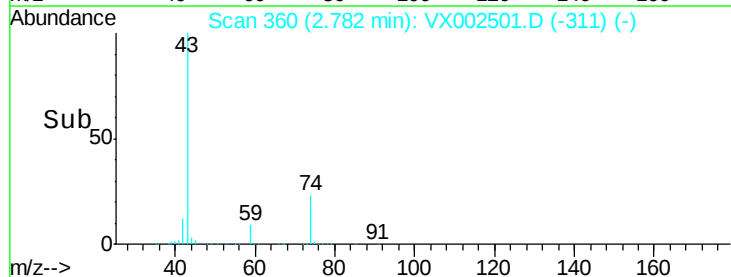
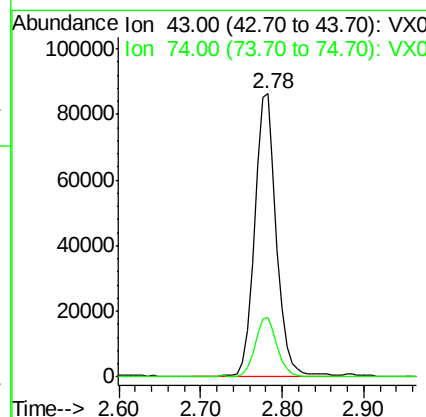
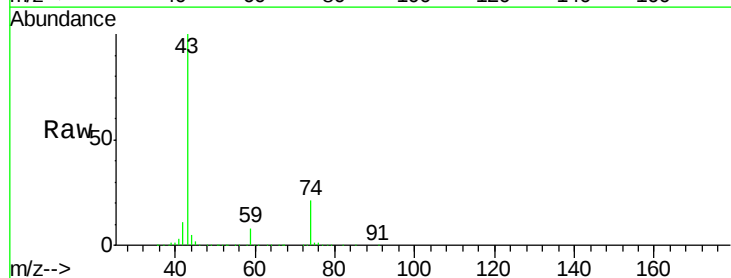
Instrument :
MSVOA_X
ClientSampled :

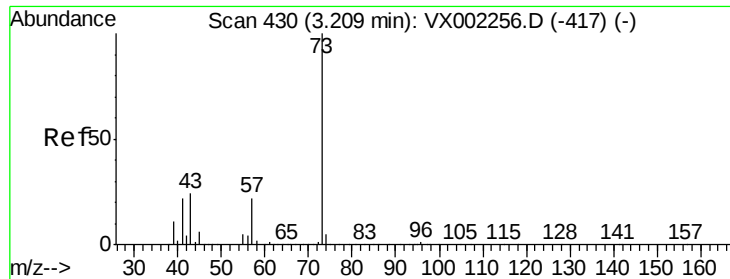
Tot Ion: 76 Resp: 176742
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 65.74 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 43 Resp: 160268
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1



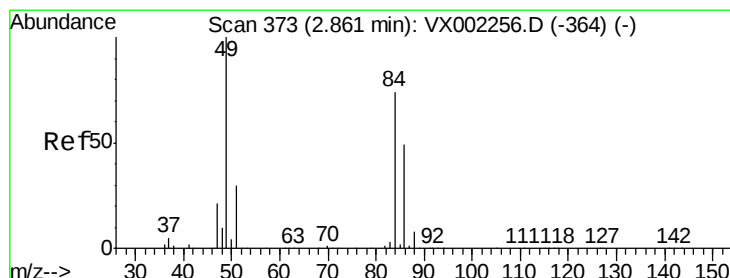
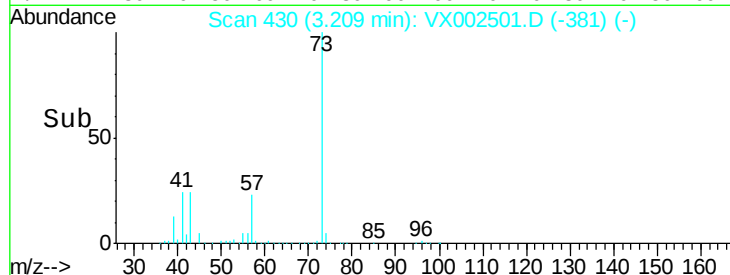
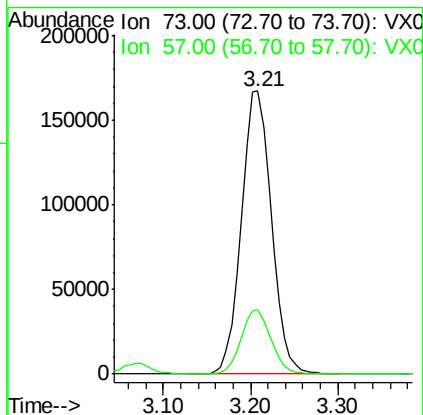
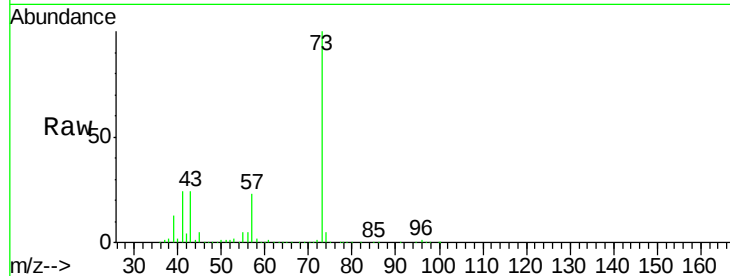


#19

Methyl tert-butyl Ether
 Concen: 63.15 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :

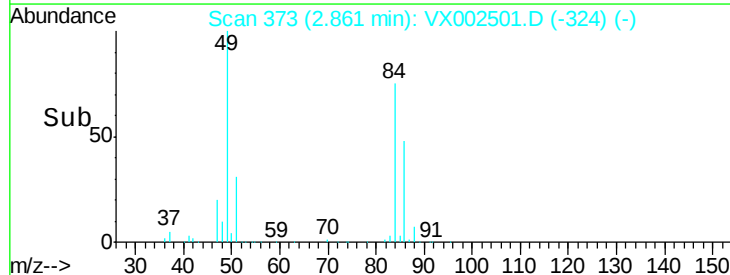
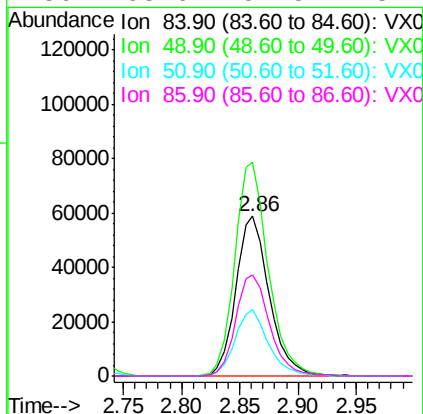
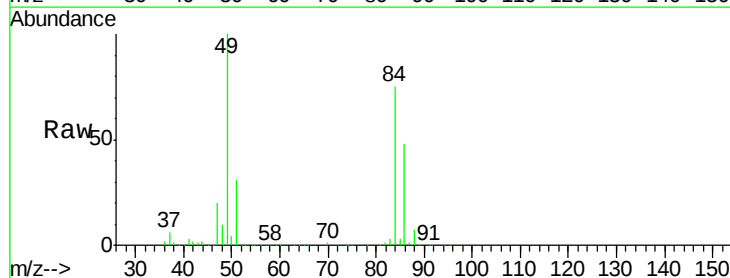
Tot Ion: 73 Resp: 399593
 Ion Ratio Lower Upper
 73 100
 57 23.0 17.7 26.5

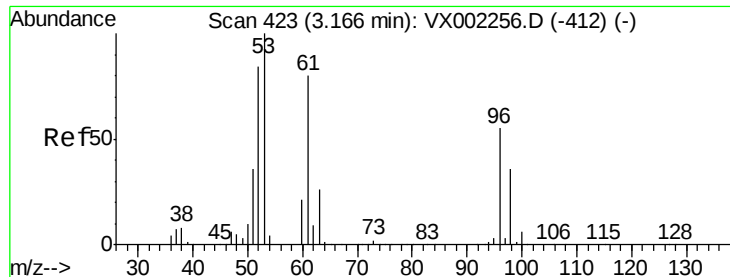


#20

Methylene Chloride
 Concen: 60.79 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion: 84 Resp: 117345
 Ion Ratio Lower Upper
 84 100
 49 133.7 107.8 161.6
 51 41.7 32.8 49.2
 86 63.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.87 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampled :

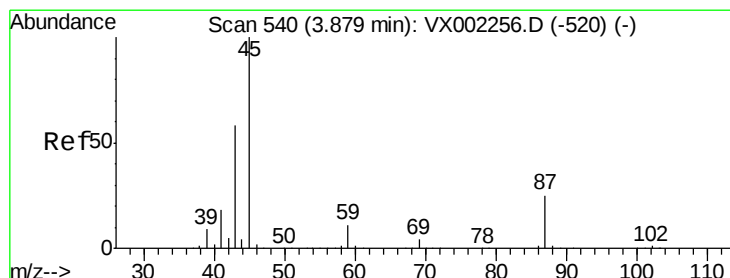
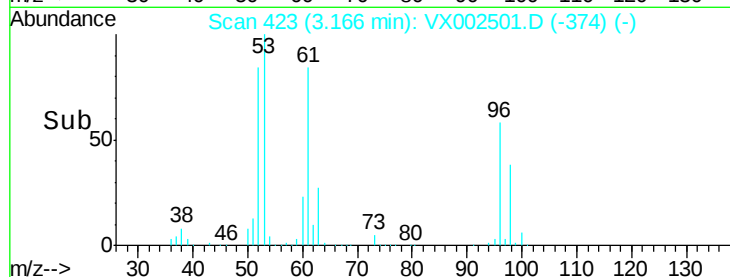
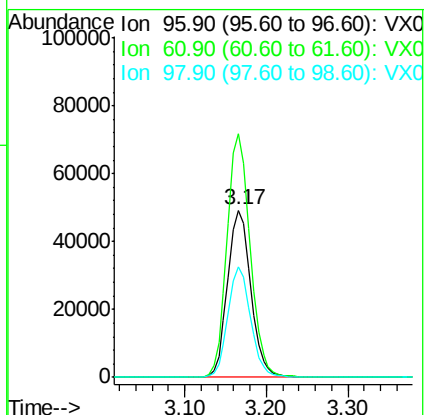
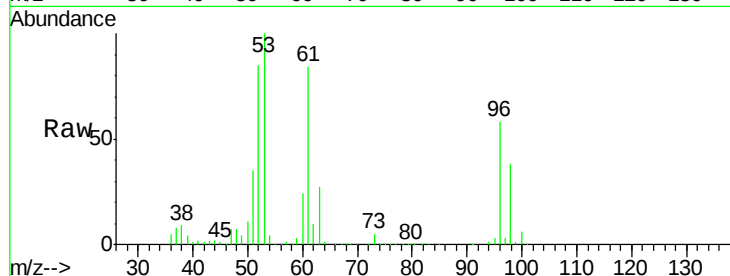
Tot Ion: 96 Resp: 96895

Ion Ratio Lower Upper

96 100

61 145.4 117.0 175.4

98 66.1 52.4 78.6



#22

Diisopropyl ether

Concen: 63.23 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Tgt Ion: 45 Resp: 418124

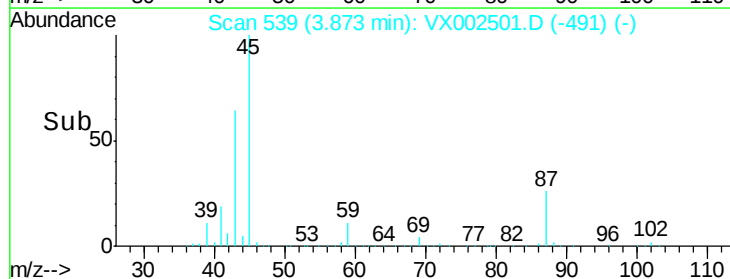
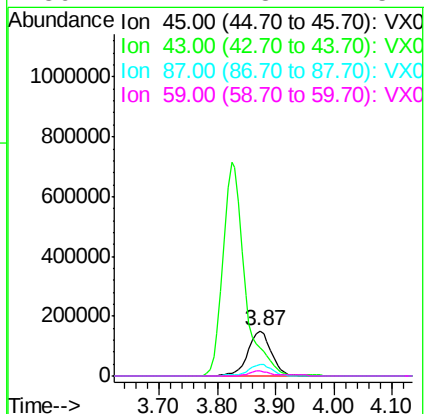
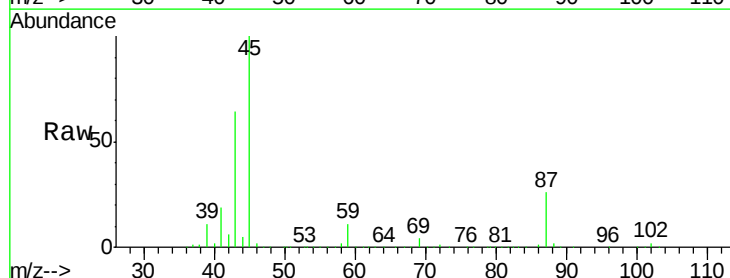
Ion Ratio Lower Upper

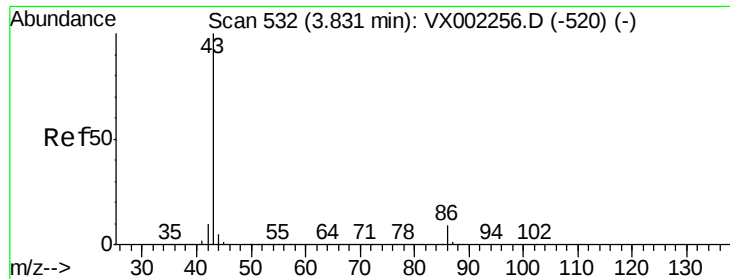
45 100

43 64.1 46.8 70.2

87 26.4 20.2 30.4

59 11.2 8.7 13.1





#23

Vinyl Acetate

Concen: 289.67 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

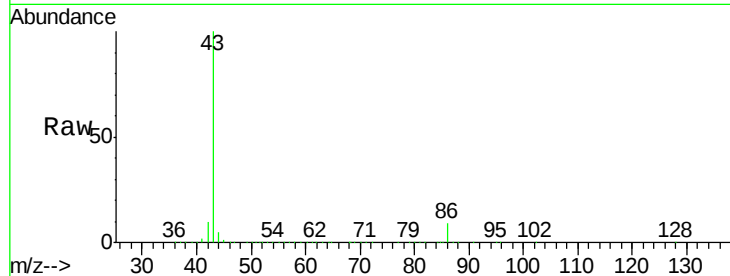
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1870395

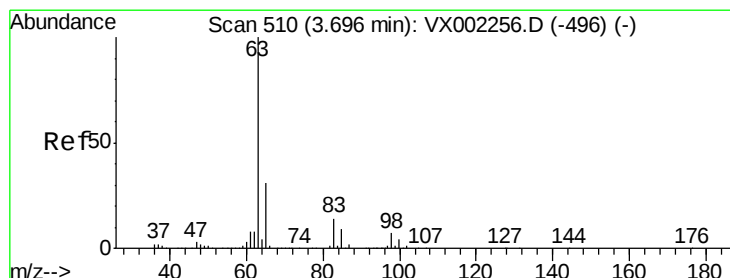
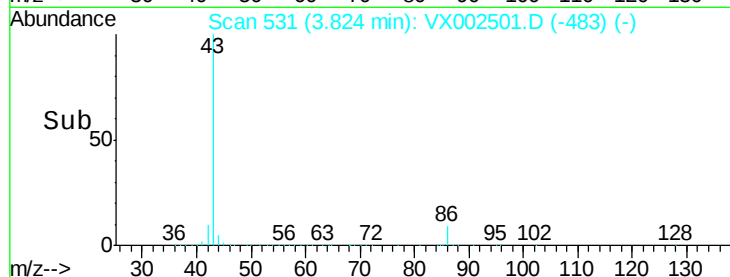
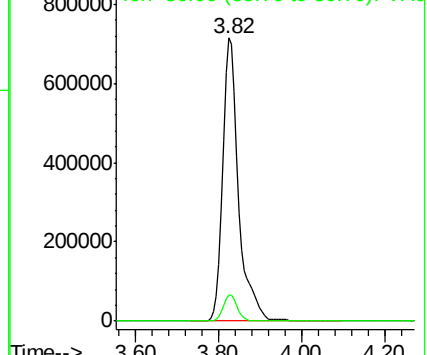
Ion Ratio Lower Upper

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



#24

1,1-Dichloroethane

Concen: 53.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

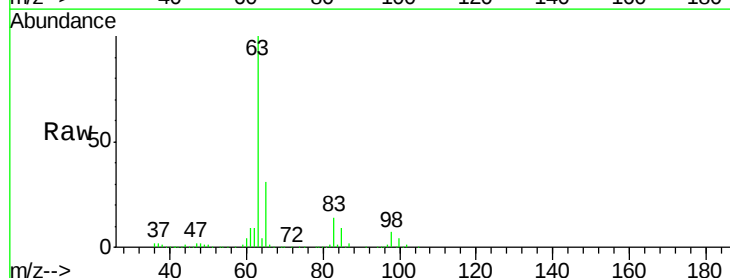
Tgt Ion: 63 Resp: 209414

Ion Ratio Lower Upper

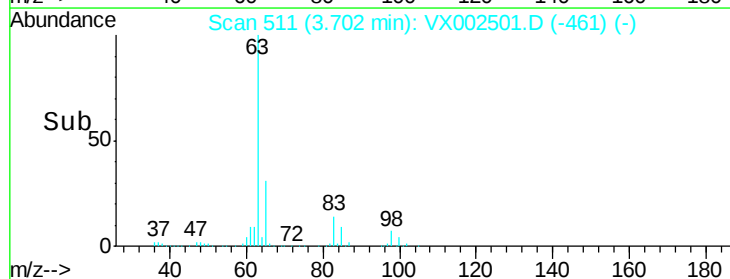
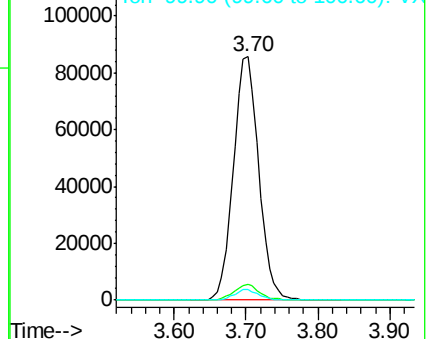
63 100

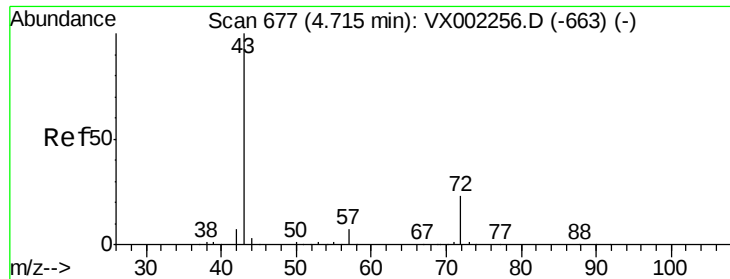
98 6.6 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.47 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

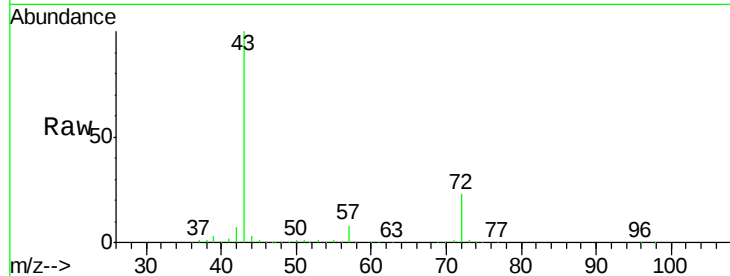
ClientSampleId :

Tot Ion: 43 Resp: 425098

Ion Ratio Lower Upper

43 100

72 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

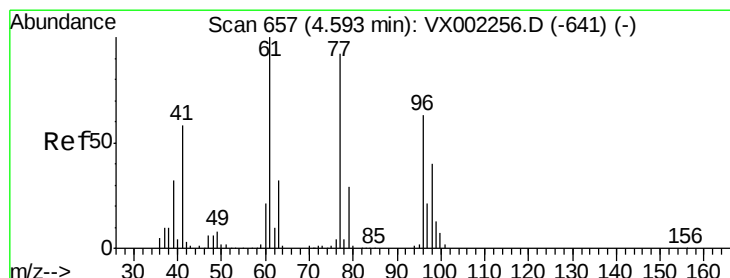
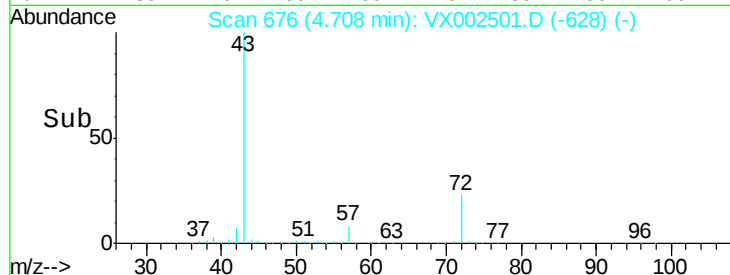
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 43.41 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002501.D

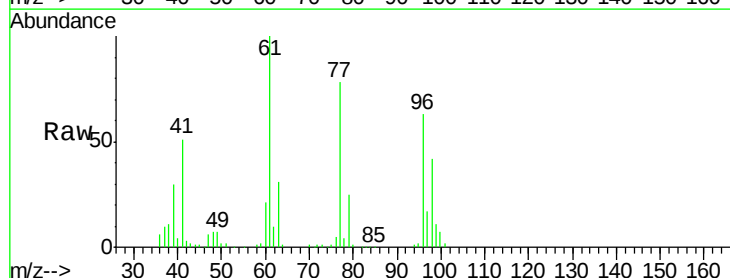
Acq: 13 Jun 2018 10:05

Tgt Ion: 77 Resp: 133579

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

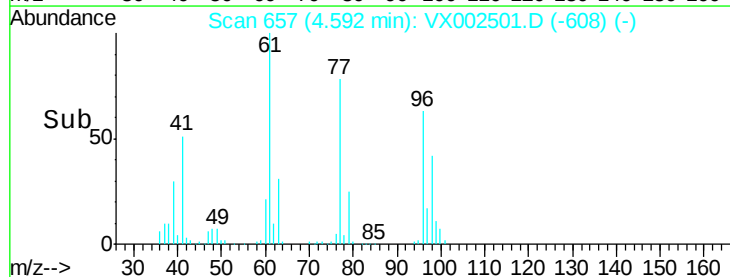
20000

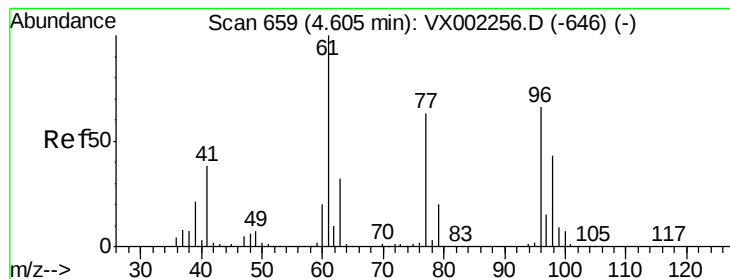
10000

0

Time-->

4.50 4.60 4.70





#27

cis-1,2-Dichloroethene

Concen: 48.65 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampled :

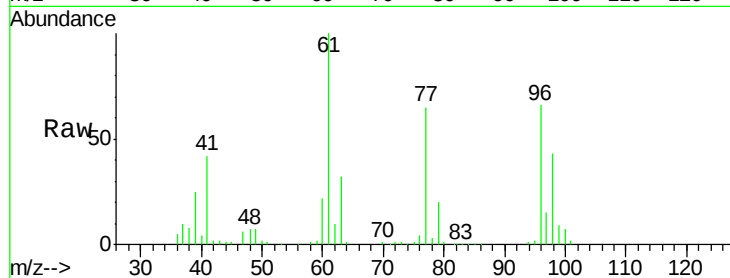
Tot Ion: 96 Resp: 107082

Ion Ratio Lower Upper

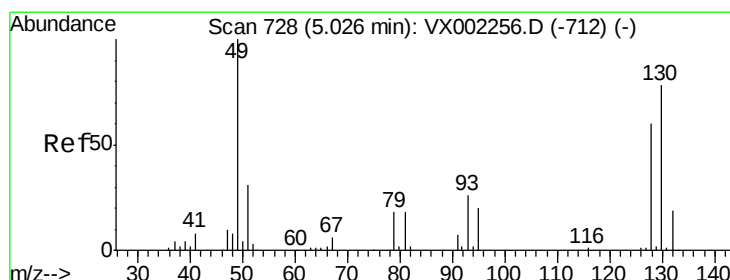
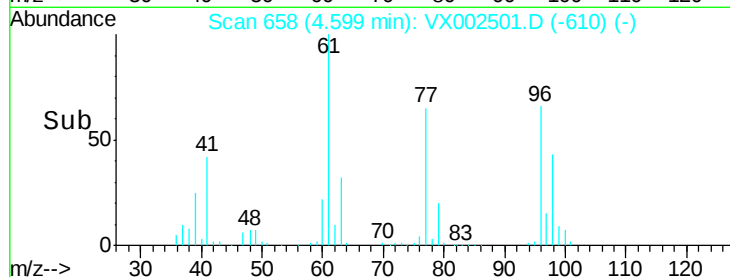
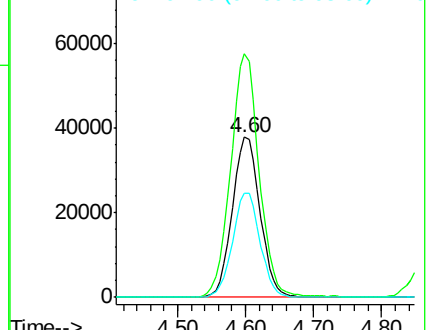
96 100

61 156.2 0.0 330.2

98 65.0 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: 64.43 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

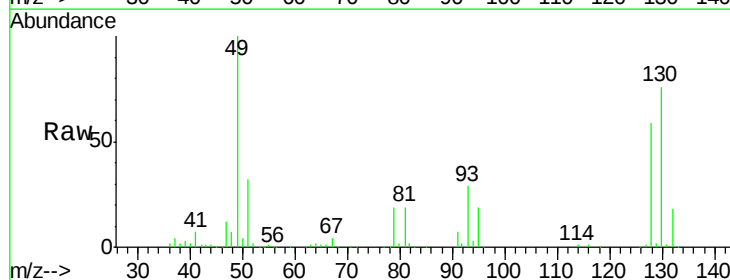
Tgt Ion: 49 Resp: 106160

Ion Ratio Lower Upper

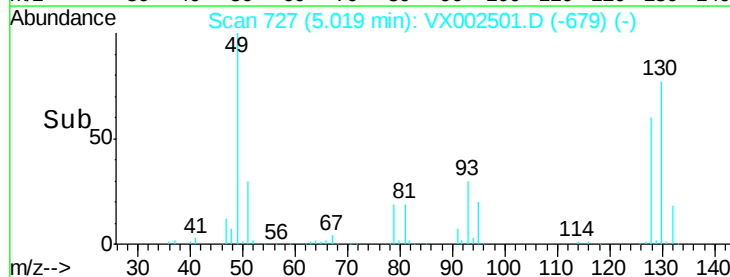
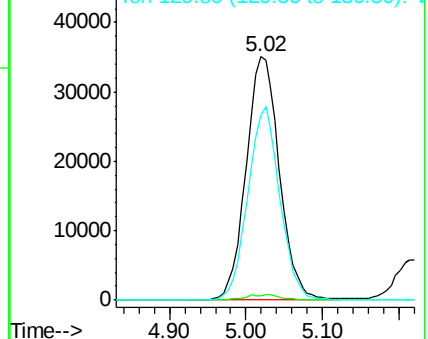
49 100

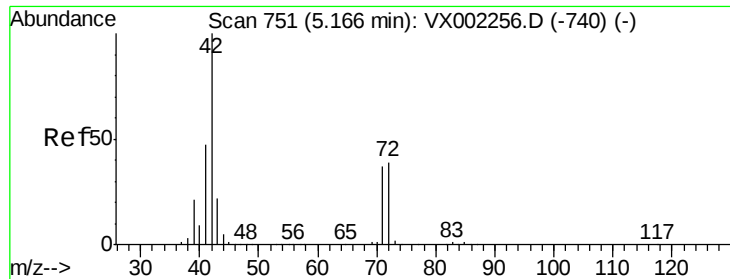
129 2.3 0.0 4.2

130 76.3 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

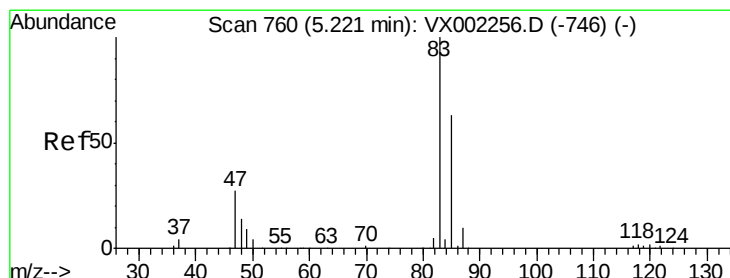
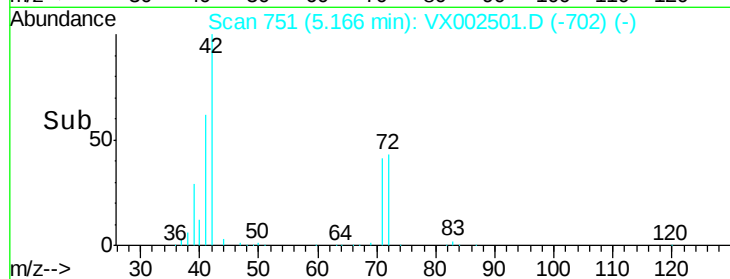
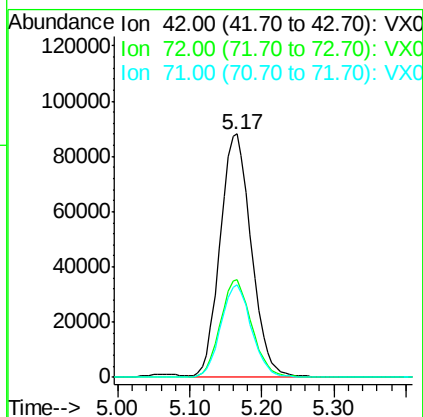
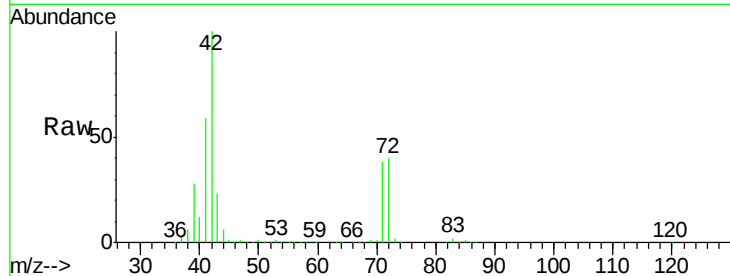




#29
Tetrahydrofuran
Concen: 243.64 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

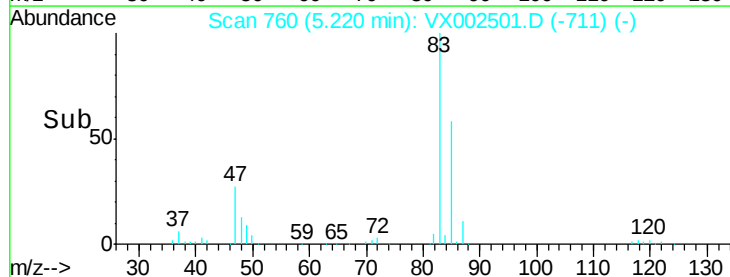
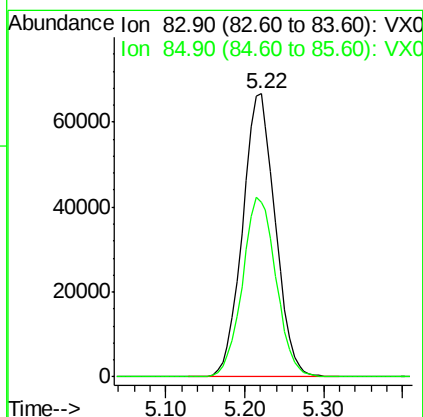
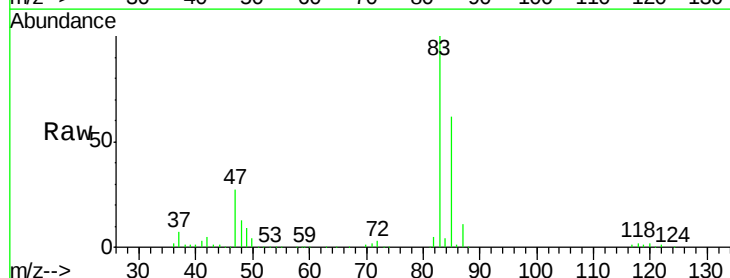
Instrument :
MSVOA_X
ClientSampled :

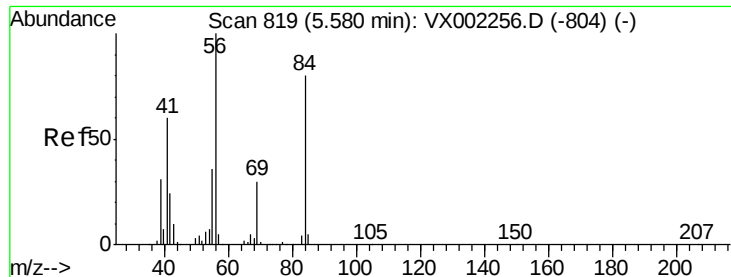
Tot Ion: 42 Resp: 265541
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 37.5 30.1 45.1



#30
Chloroform
Concen: 50.65 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 83 Resp: 192424
Ion Ratio Lower Upper
83 100
85 61.8 50.4 75.6

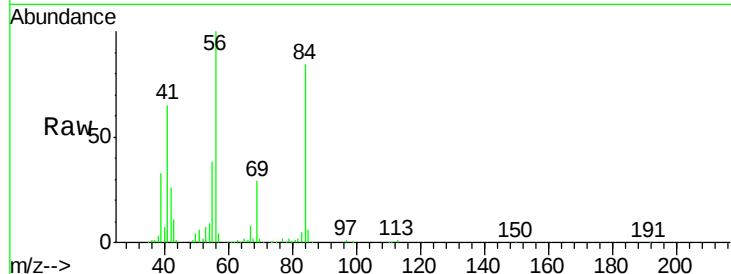




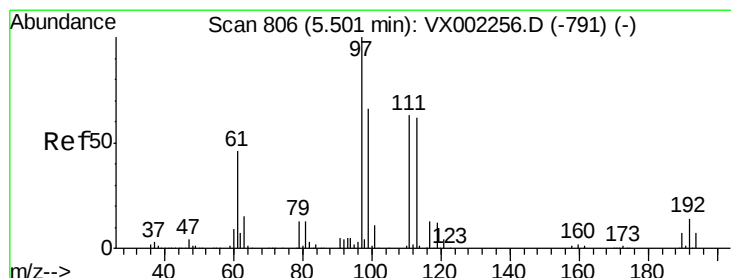
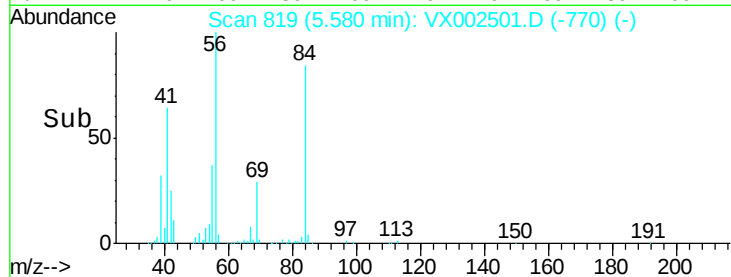
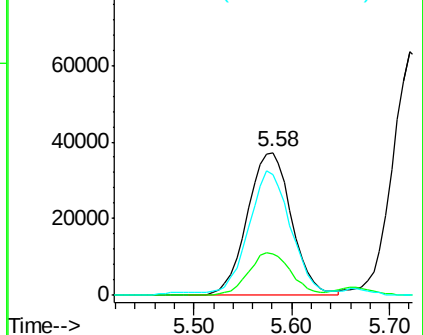
#31
Cyclohexane
Concen: 37.58 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 116986
Ion Ratio Lower Upper
56 100
69 28.7 23.7 35.5
84 82.1 64.1 96.1

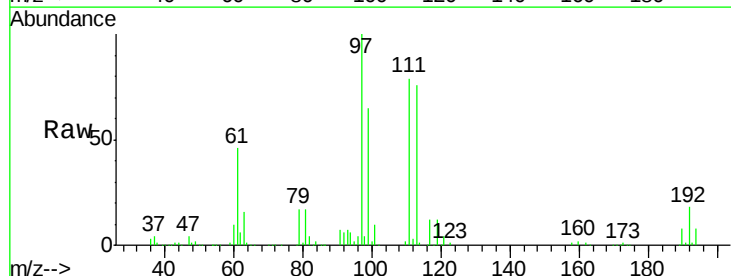


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

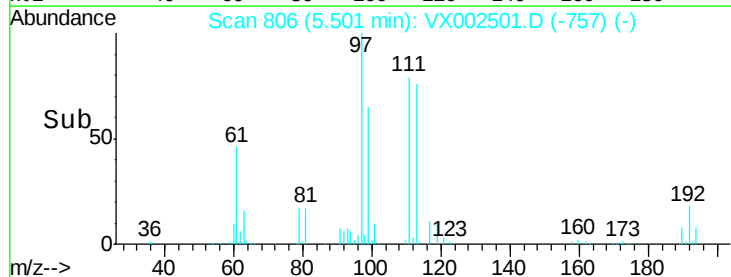
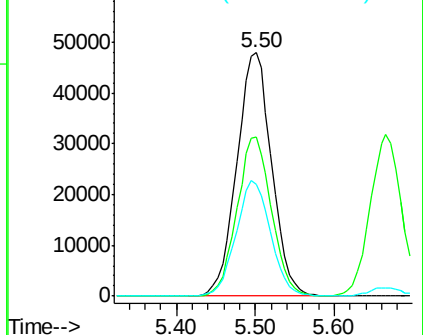


#32
1,1,1-Trichloroethane
Concen: 45.64 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 97 Resp: 147025
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 47.2 36.4 54.6



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

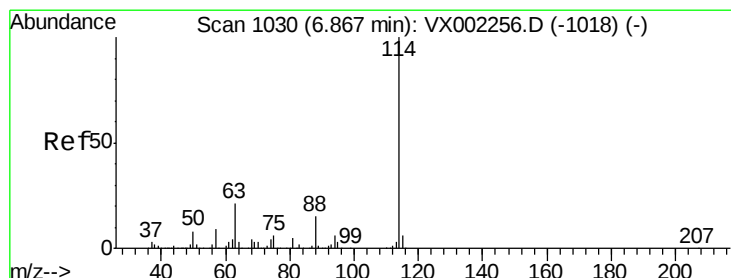
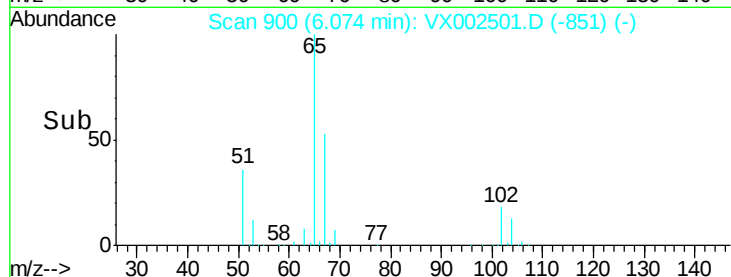
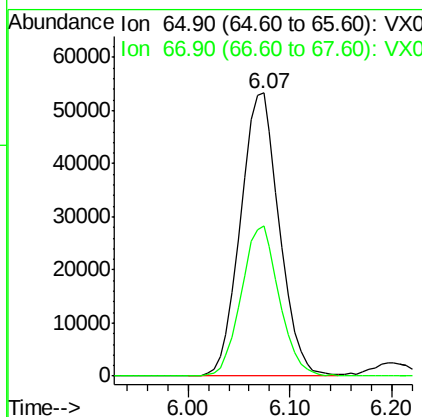
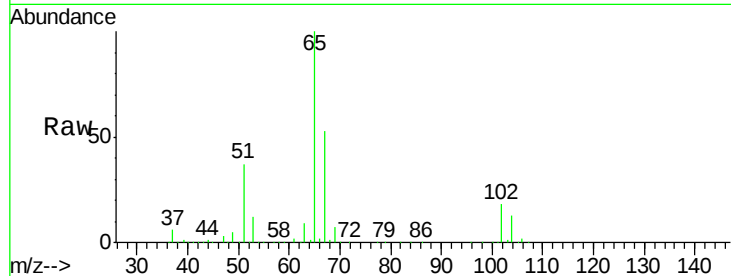




#33
 1,2-Dichloroethane-d4
 Concen: 57.68 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

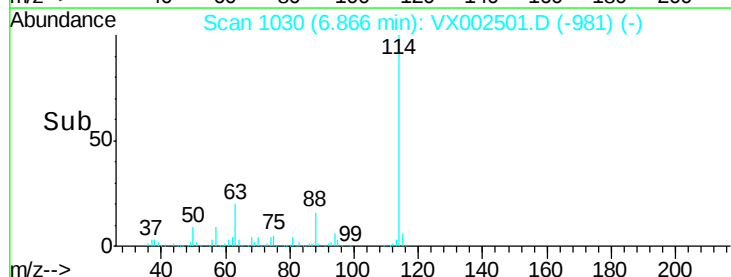
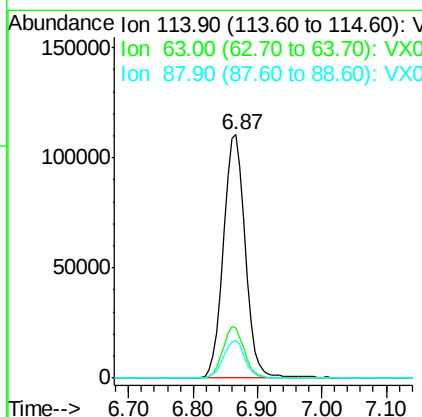
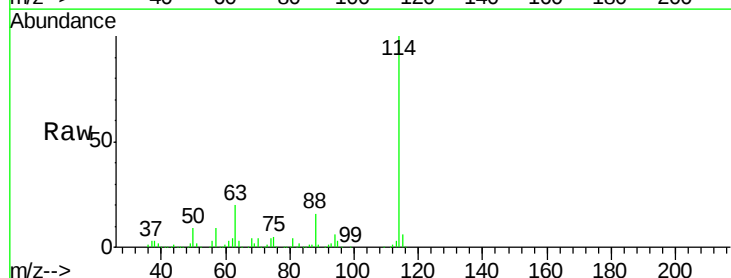
Instrument :
 MSVOA_X
 ClientSampleId :

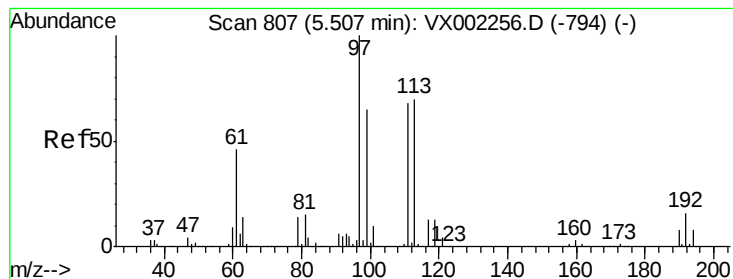
Tot Ion: 65 Resp: 140899
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion: 114 Resp: 266654
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.97 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampled :

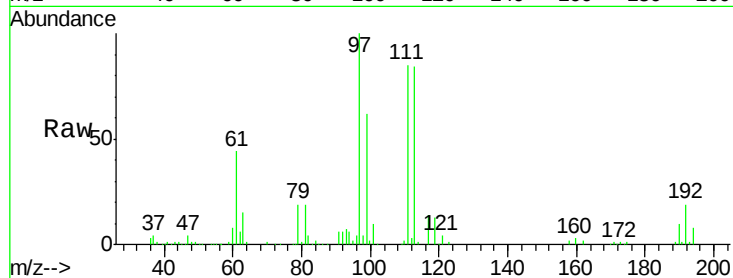
Tot Ion:113 Resp: 106887

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

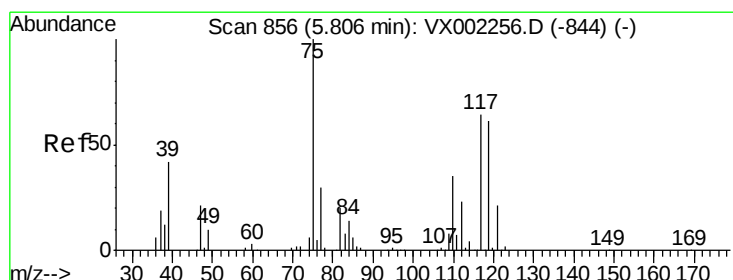
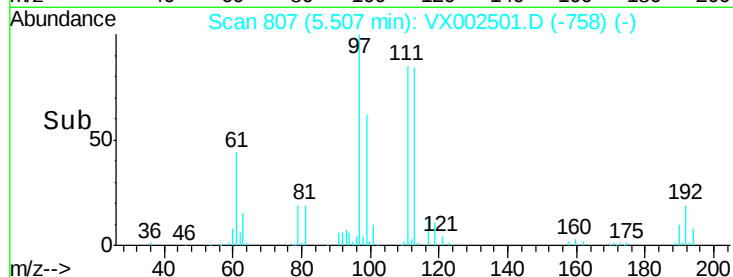
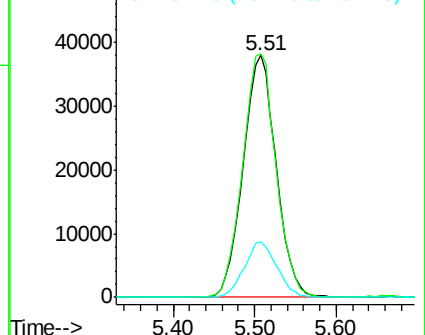
192 22.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 42.73 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

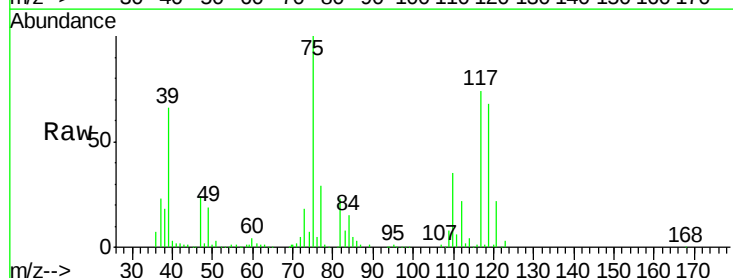
Tgt Ion: 75 Resp: 119777

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.4

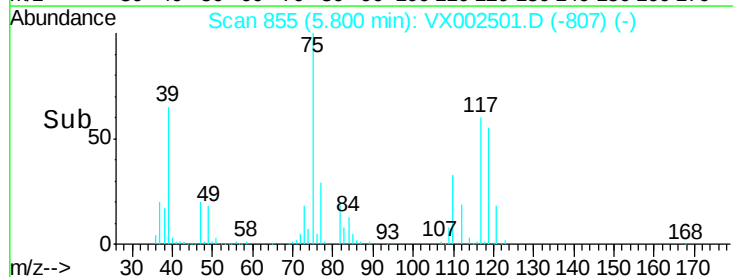
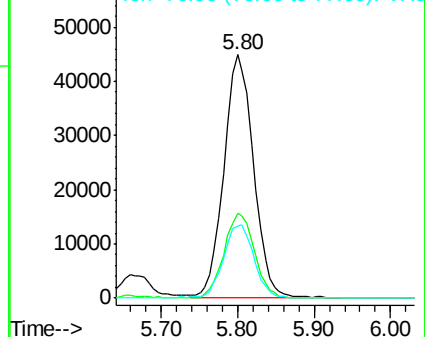
77 30.8 24.3 36.5

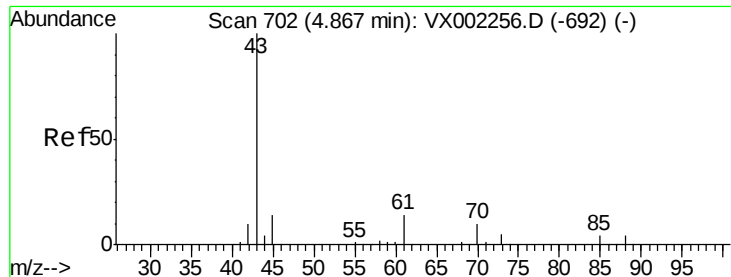


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

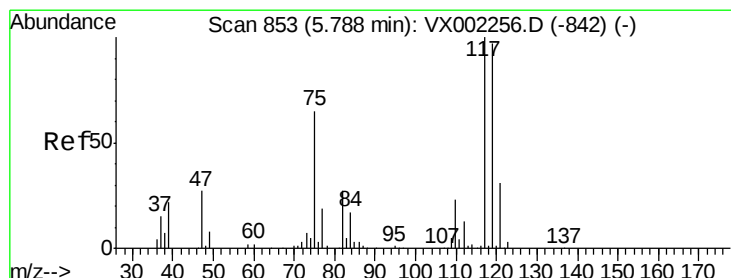
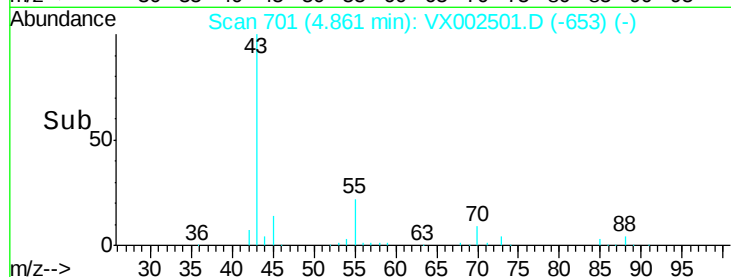
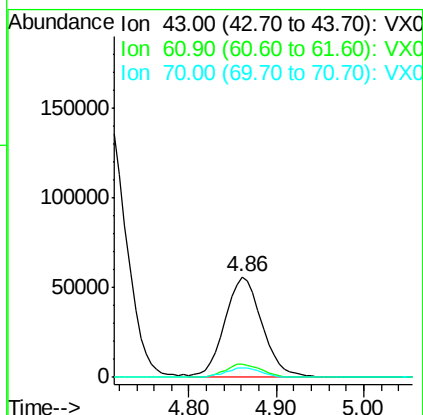
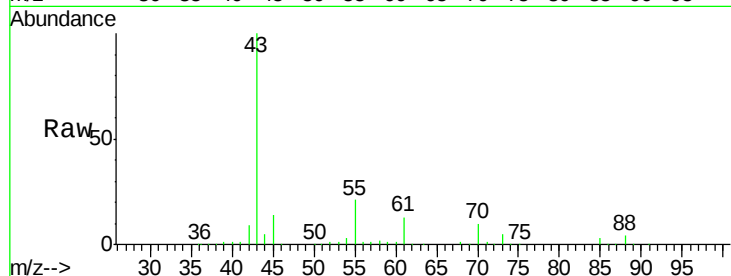




#37
Ethyl Acetate
Concen: 48.53 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

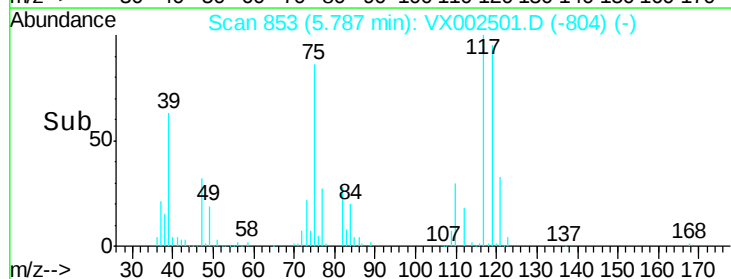
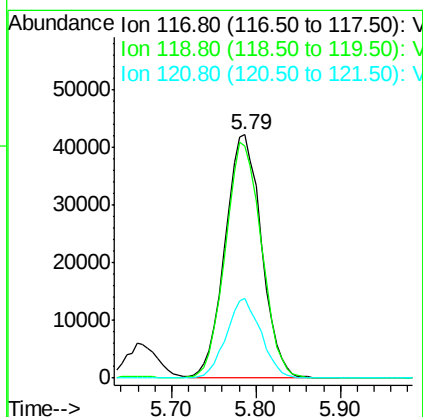
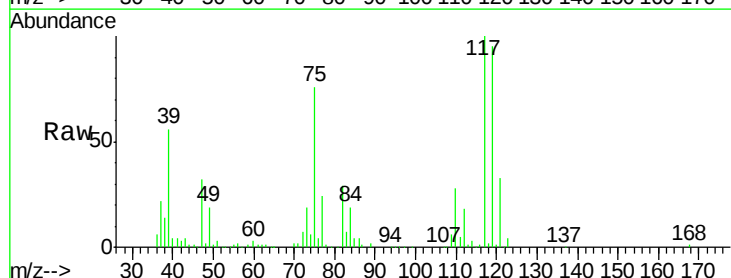
Instrument :
MSVOA_X
ClientSampleId :

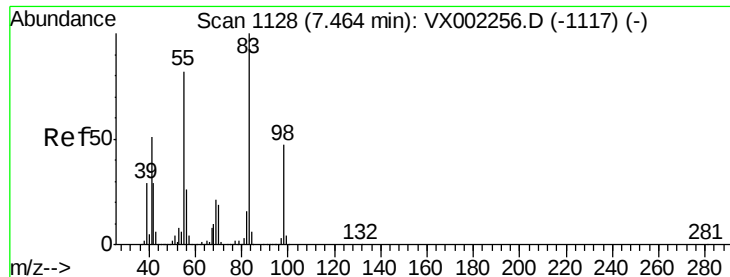
Tot Ion: 43 Resp: 163593
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 42.26 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 117 Resp: 123947
Ion Ratio Lower Upper
117 100
119 95.2 77.4 116.0
121 32.5 24.4 36.6

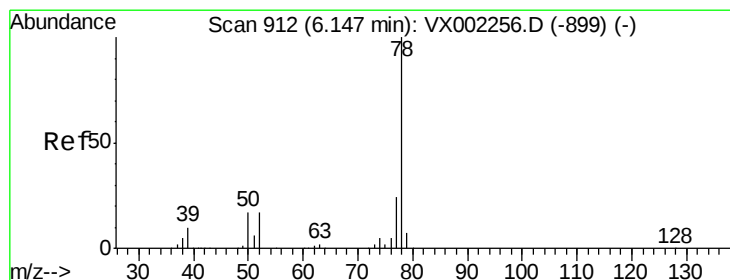
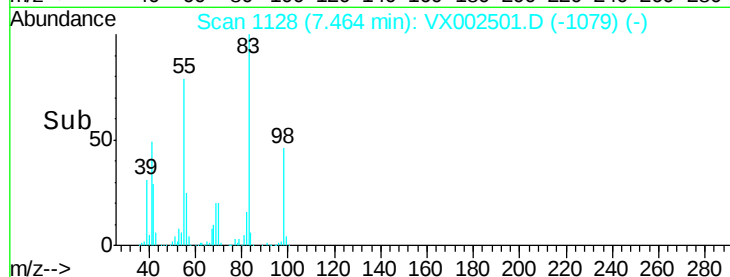
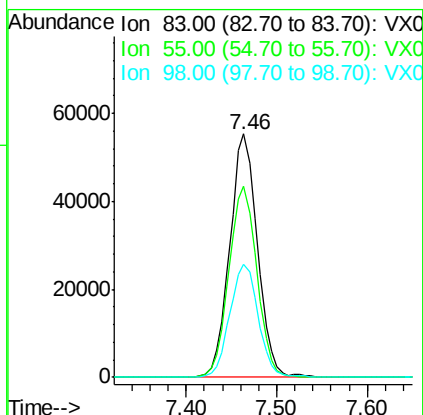
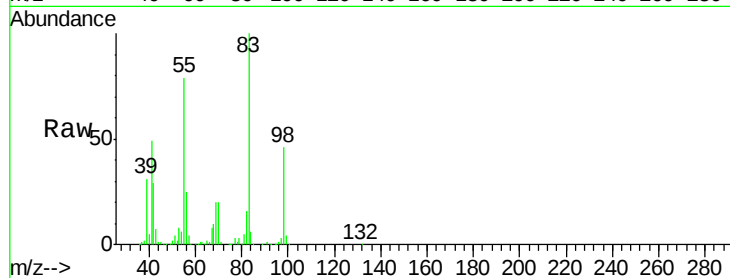




#39
Methvlcvclohexane
Concen: 34.07 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

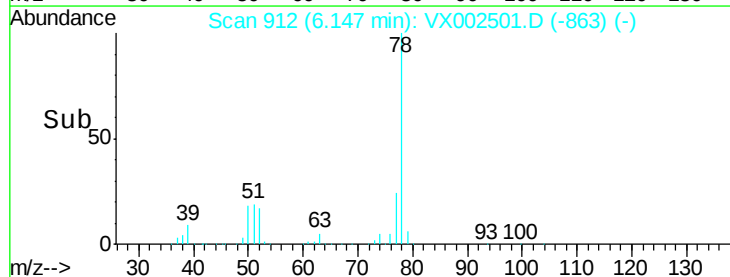
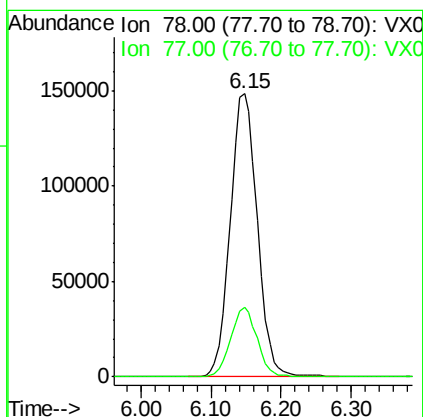
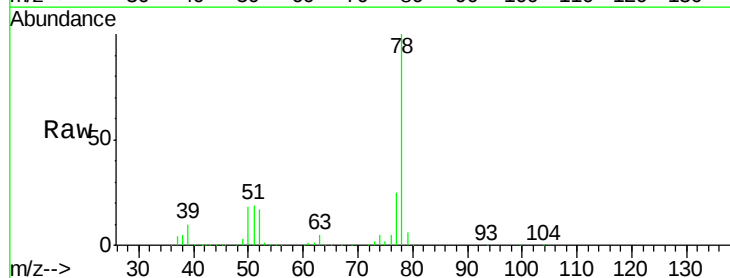
Instrument :
MSVOA_X
ClientSampleId :

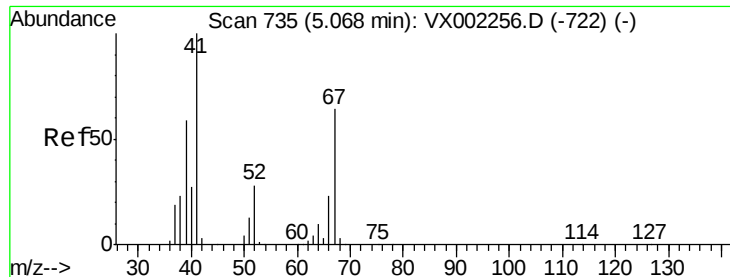
Tot Ion: 83 Resp: 117698
Ion Ratio Lower Upper
83 100
55 78.4 65.4 98.0
98 46.4 37.4 56.0



#40
Benzene
Concen: 46.53 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 78 Resp: 399940
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

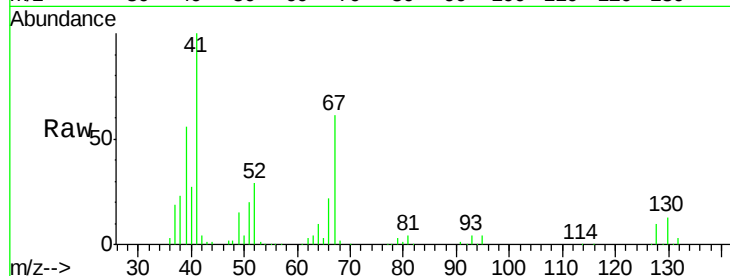




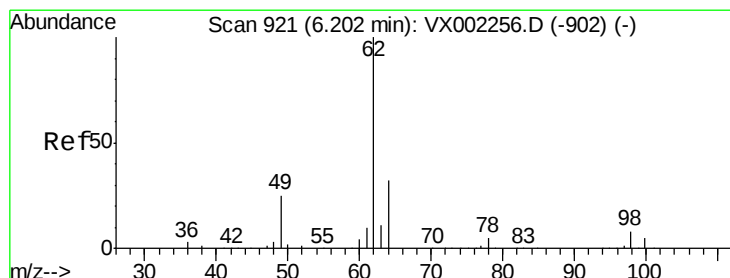
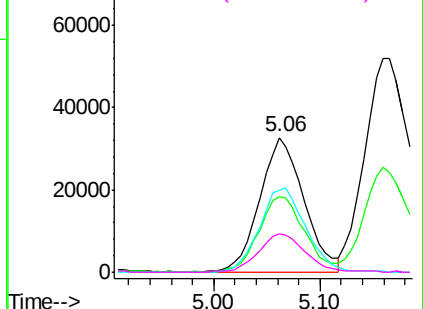
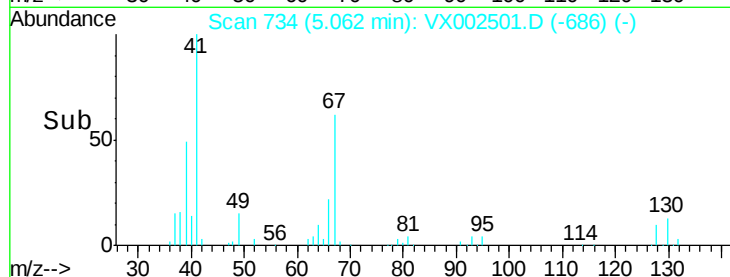
#41
Methacrylonitrile
Concen: 48.72 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	94016
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.8	68.6
67	66.0	51.3	76.9
52	30.2	23.0	34.6

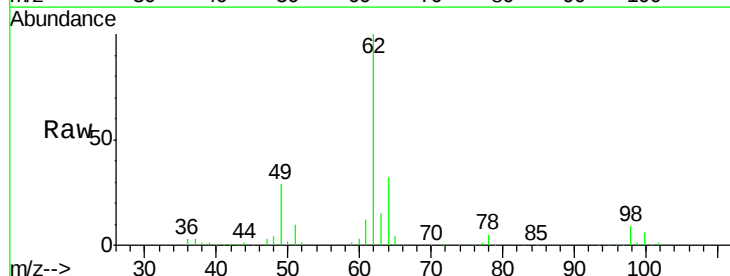


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

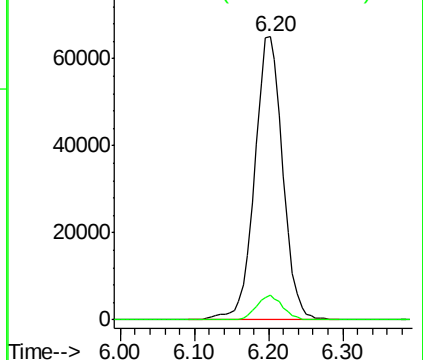
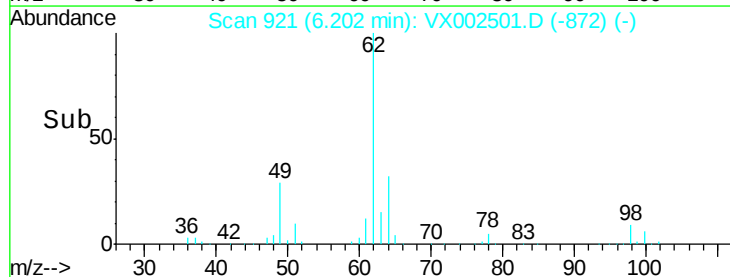


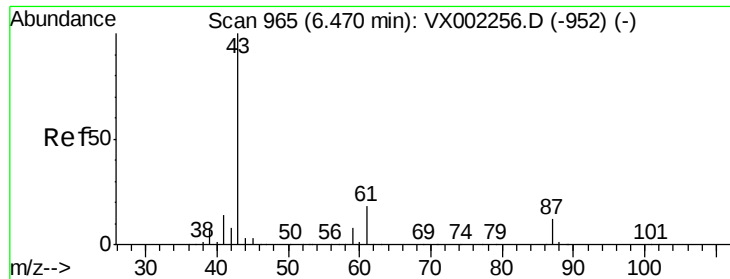
#42
1,2-Dichloroethane
Concen: 50.40 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion:	62	Resp:	172109
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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



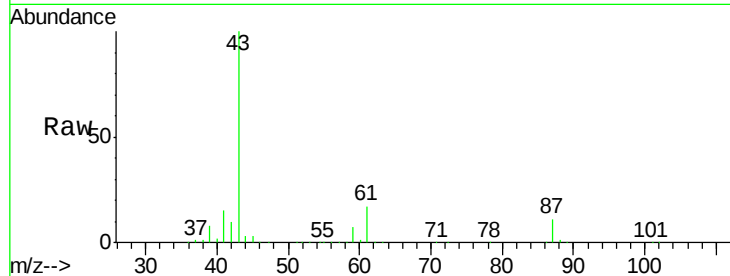


#43

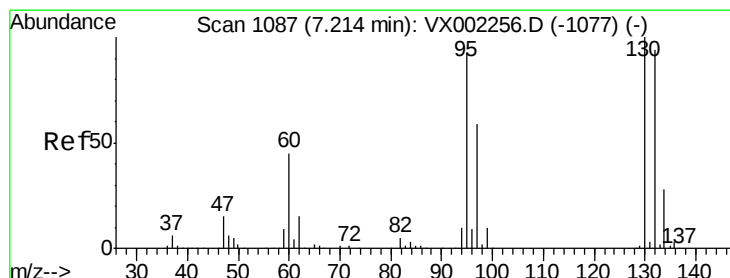
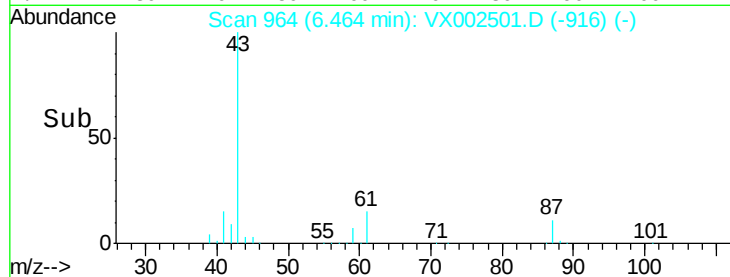
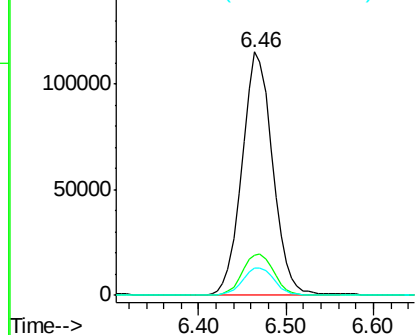
Isopropyl Acetate
 Concen: 48.87 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 279852
 Ion Ratio Lower Upper
 43 100
 61 17.7 14.4 21.6
 87 11.8 9.5 14.3



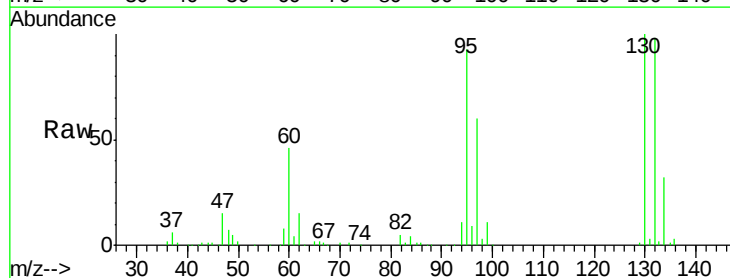
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



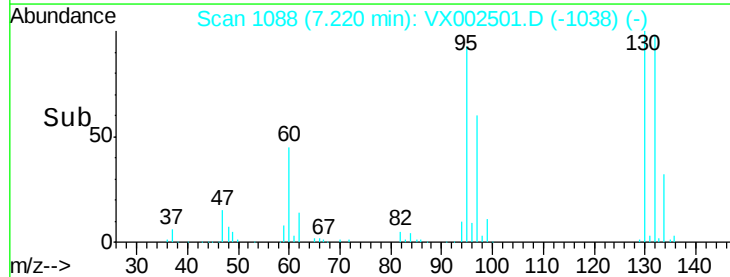
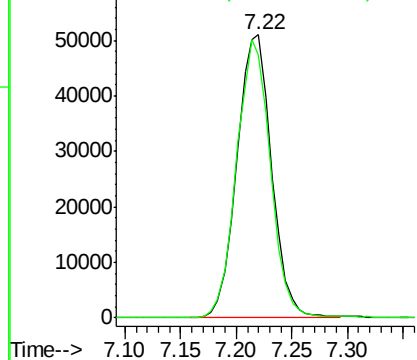
#44

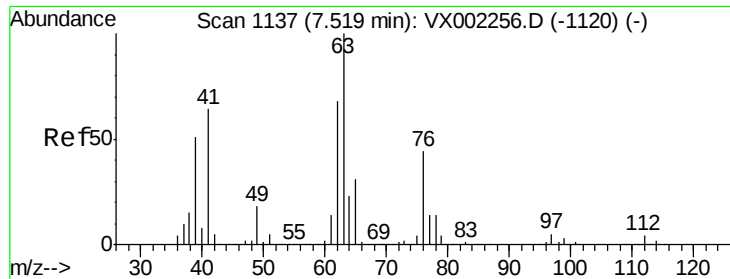
Trichloroethene
 Concen: 46.10 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion:130 Resp: 109964
 Ion Ratio Lower Upper
 130 100
 95 92.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

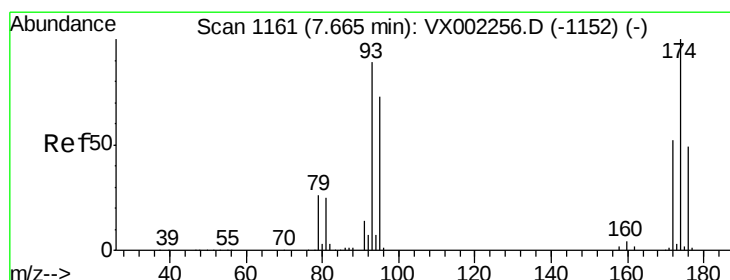
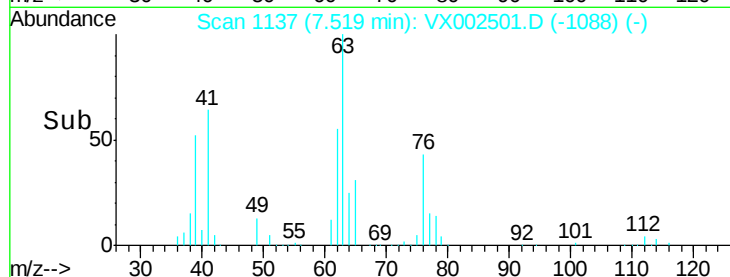
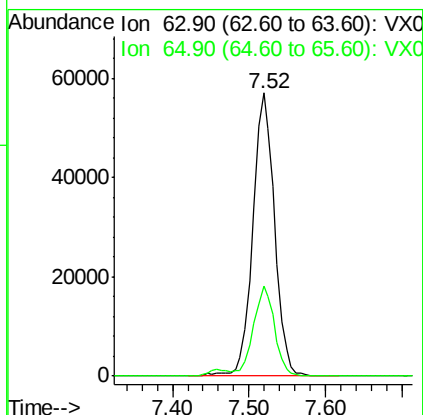
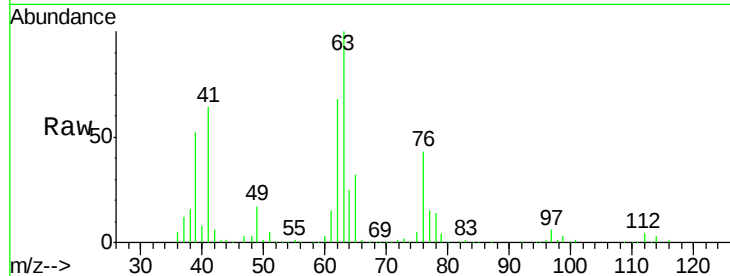




#45
1,2-Dichloropropane
Concen: 48.87 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

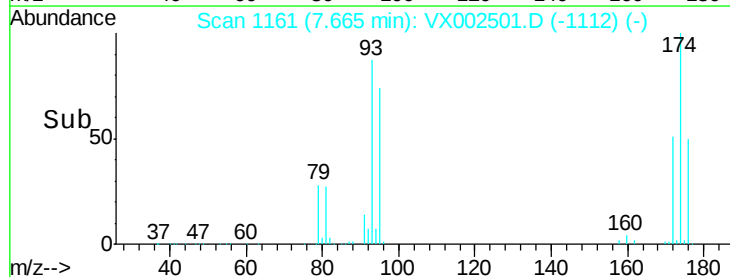
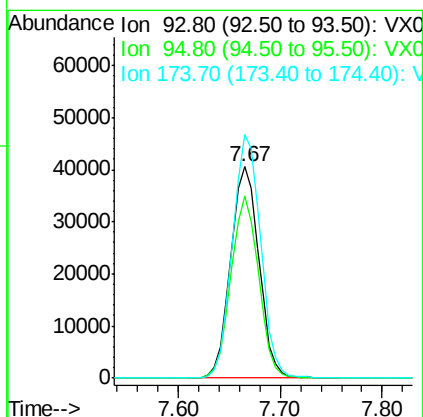
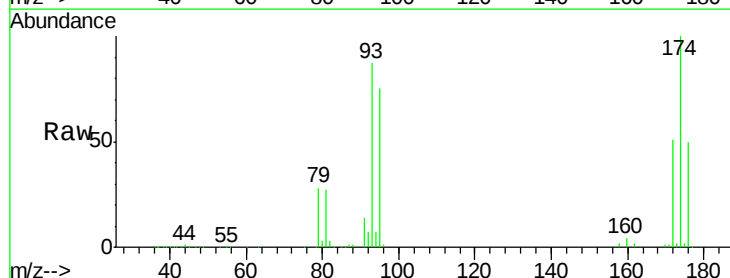
Instrument :
MSVOA_X
ClientSampleId :

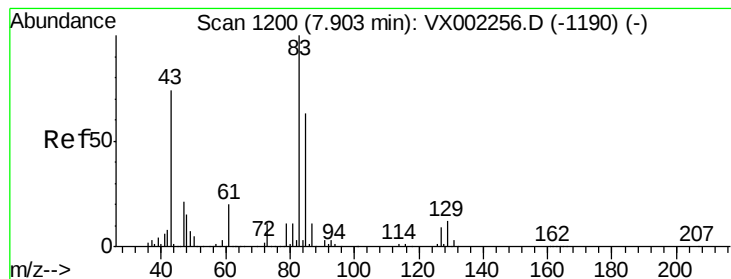
Tot Ion: 63 Resp: 113401
Ion Ratio Lower Upper
63 100
65 31.9 24.7 37.1



#46
Dibromomethane
Concen: 49.49 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 93 Resp: 77853
Ion Ratio Lower Upper
93 100
95 83.6 65.9 98.9
174 114.6 92.4 138.6





#47

Bromodichloromethane

Concen: 50.53 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :

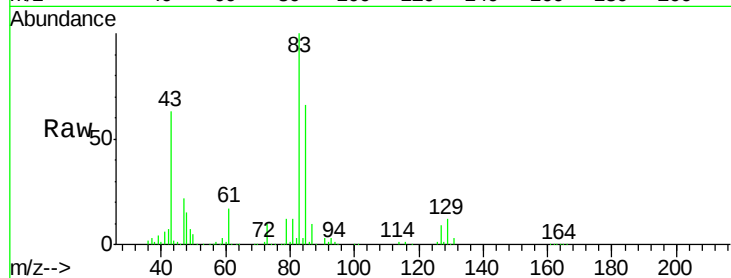
Tot Ion: 83 Resp: 143765

Ion Ratio Lower Upper

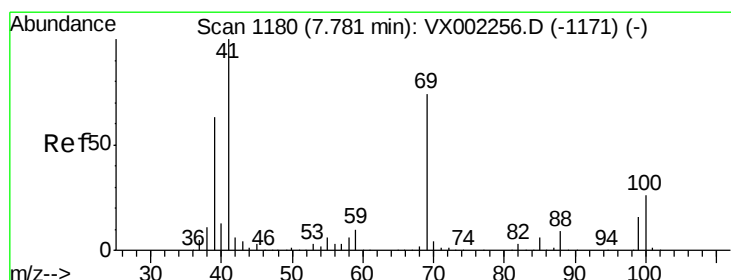
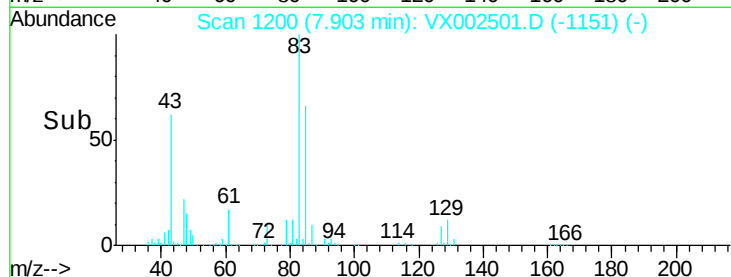
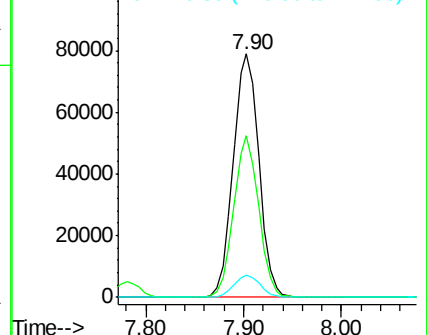
83 100

85 66.2 50.3 75.5

127 9.1 7.0 10.4



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



#48

Methyl methacrylate

Concen: 50.08 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

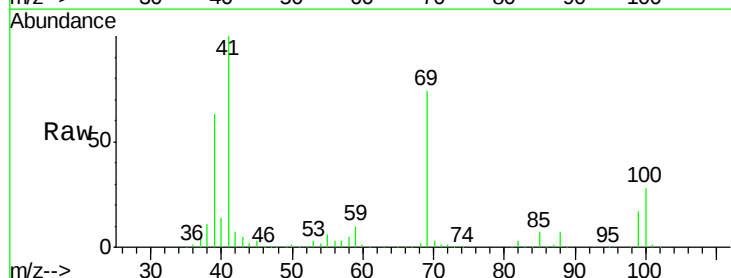
Tgt Ion: 41 Resp: 144039

Ion Ratio Lower Upper

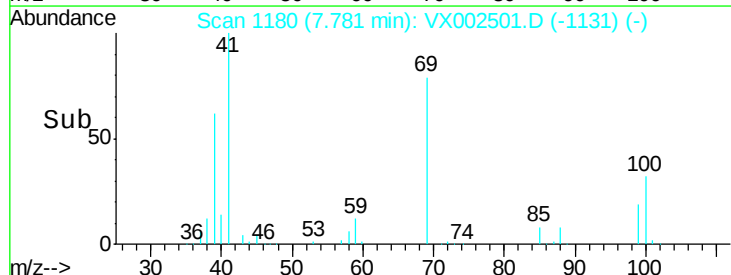
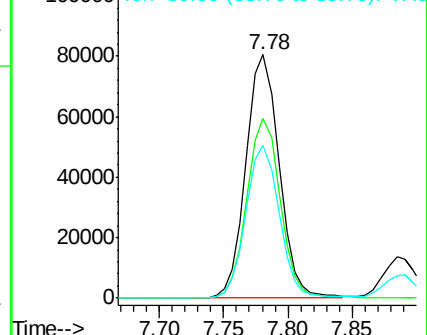
41 100

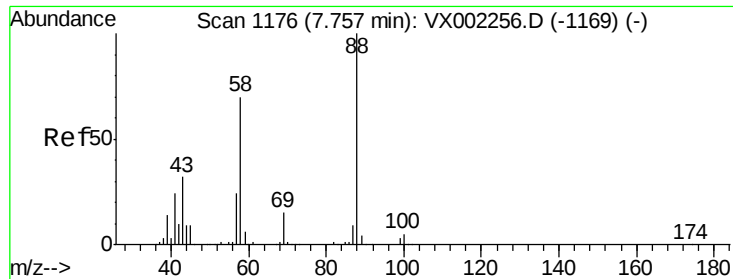
69 74.8 59.1 88.7

39 62.6 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: 1010.84 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :

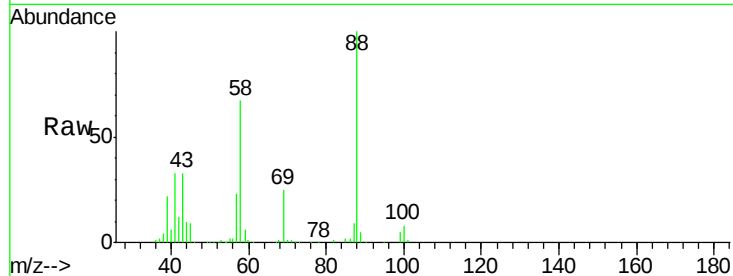
Tot Ion: 88 Resp: 54363

Ion Ratio Lower Upper

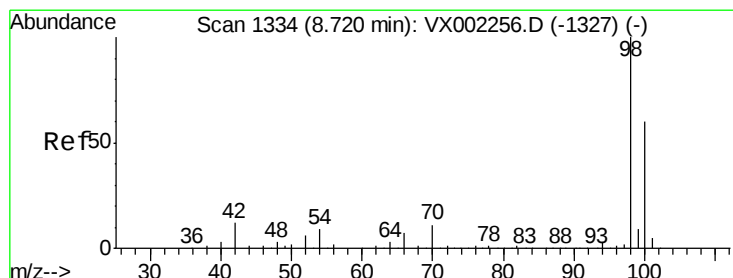
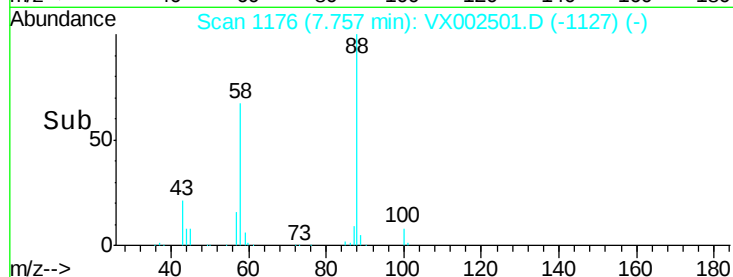
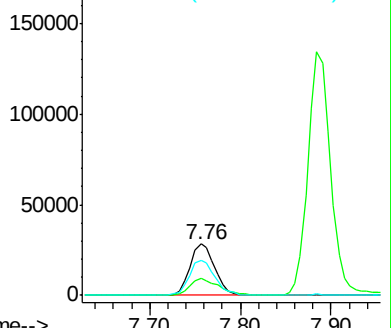
88 100

43 38.2 29.8 44.6

58 70.4 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: 48.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002501.D

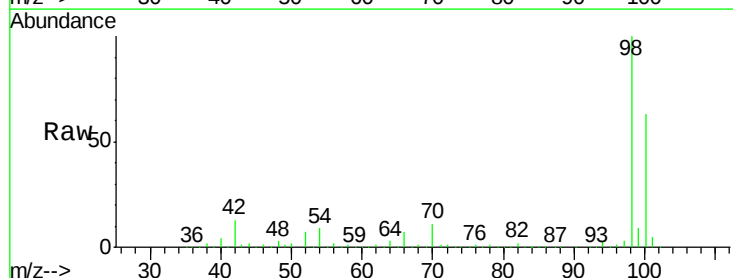
Acq: 13 Jun 2018 10:05

Tgt Ion: 98 Resp: 390314

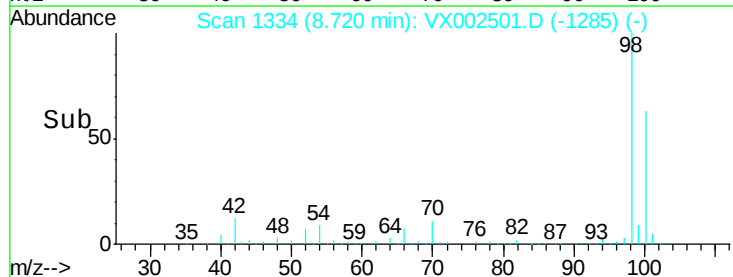
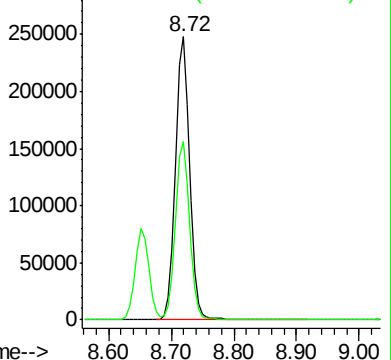
Ion Ratio Lower Upper

98 100

100 62.9 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: 257.42 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

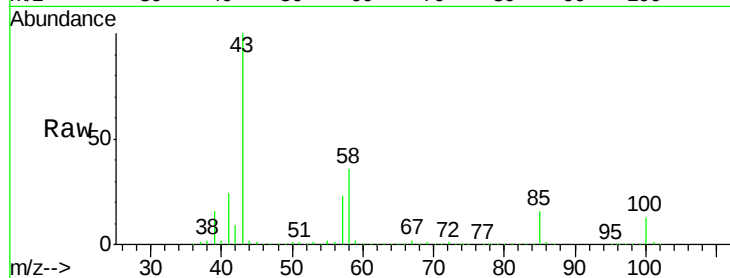
ClientSampleId :

Tot Ion: 43 Resp: 917936

Ion Ratio Lower Upper

43 100

58 35.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

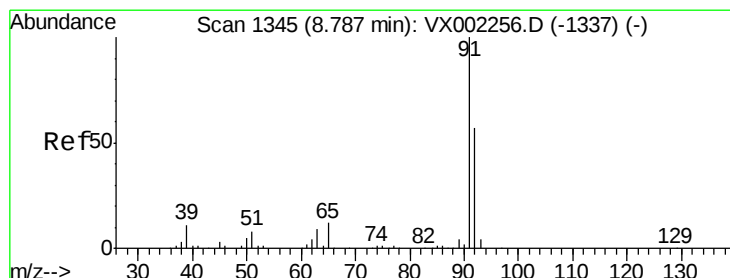
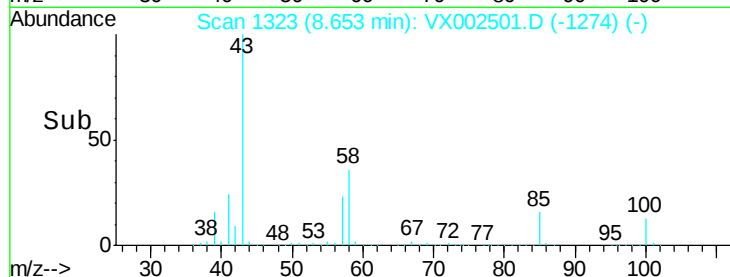
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.00 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002501.D

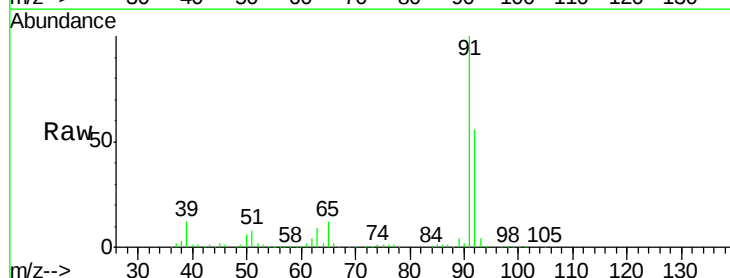
Acq: 13 Jun 2018 10:05

Tgt Ion: 92 Resp: 262383

Ion Ratio Lower Upper

92 100

91 175.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

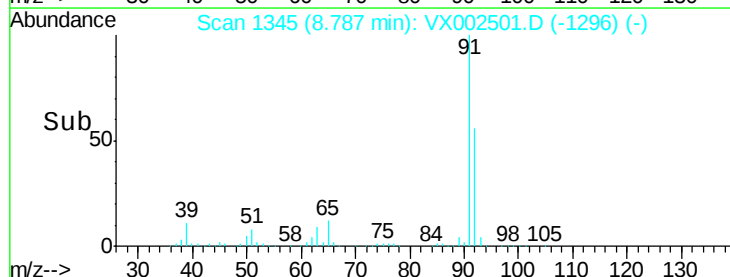
300000

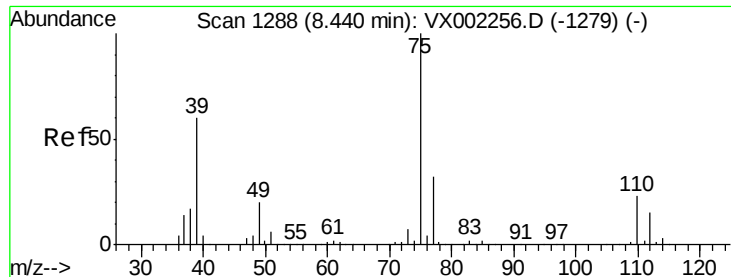
200000

100000

0

Time-->

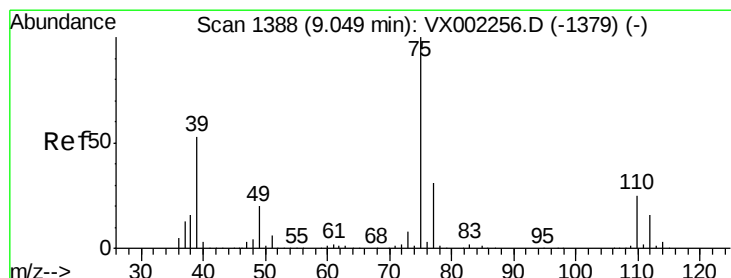
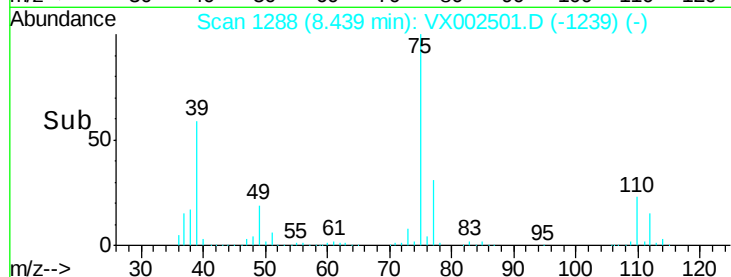
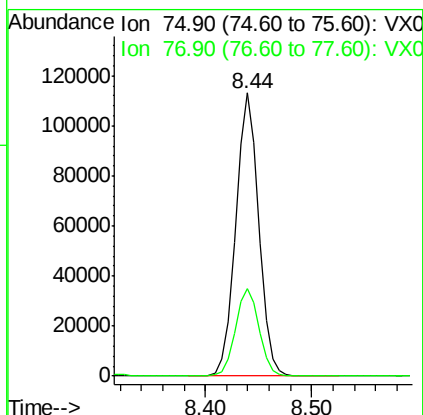
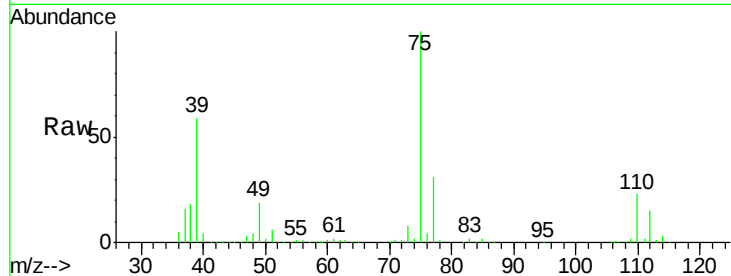




#53
t-1,3-Dichloropropene
Concen: 50.37 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

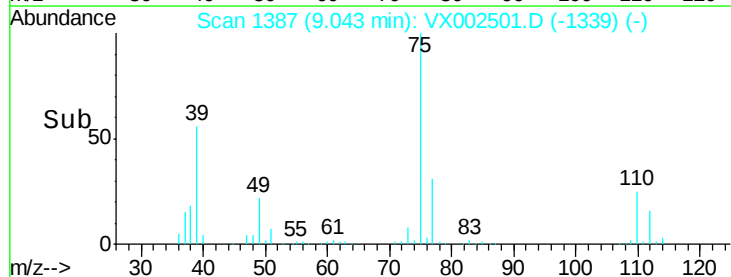
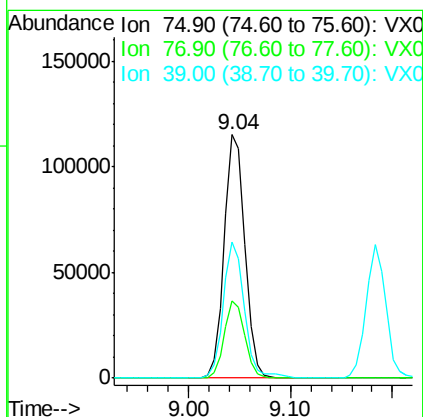
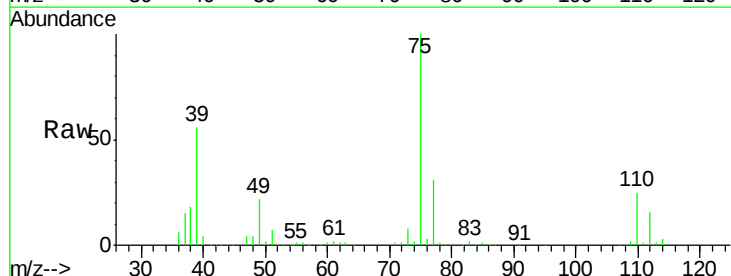
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 171855
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 50.38 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 75 Resp: 162180
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 55.8 42.4 63.6

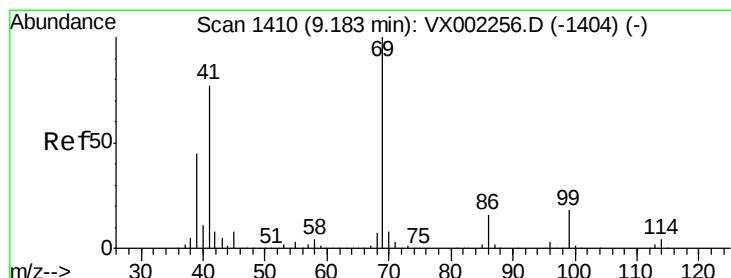
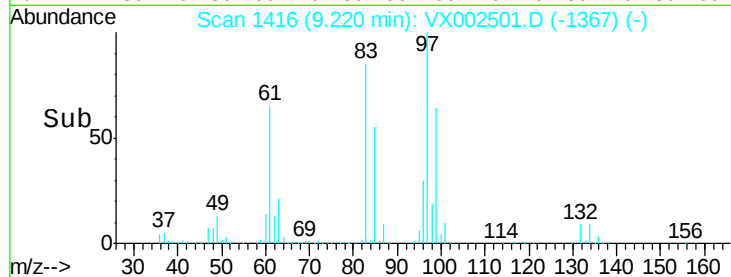
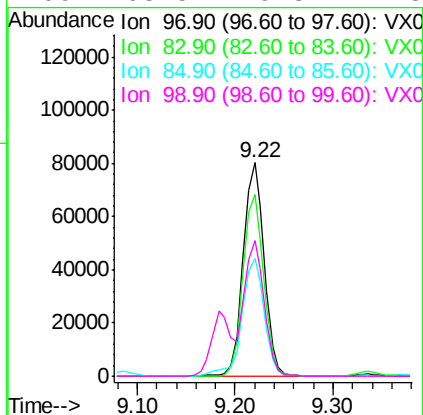
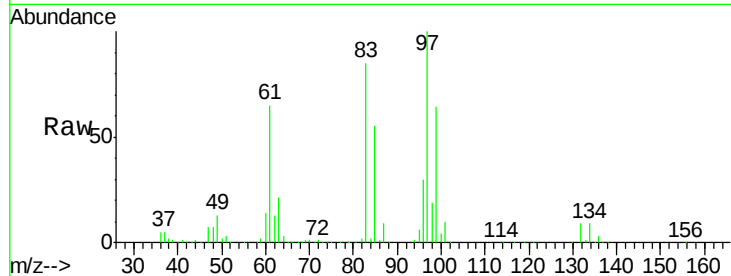




#55
 1,1,2-Trichloroethane
 Concen: 53.20 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

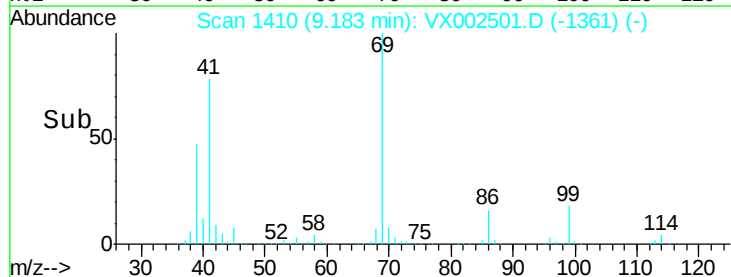
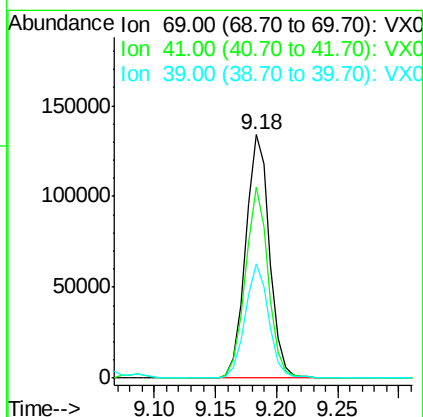
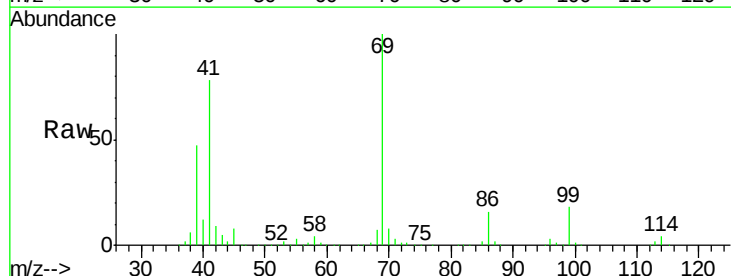
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	119620
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.2	105.2
85	55.1	44.9	67.3
99	63.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.73 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion:	69	Resp:	182098
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.3	90.5
39	46.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.78 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

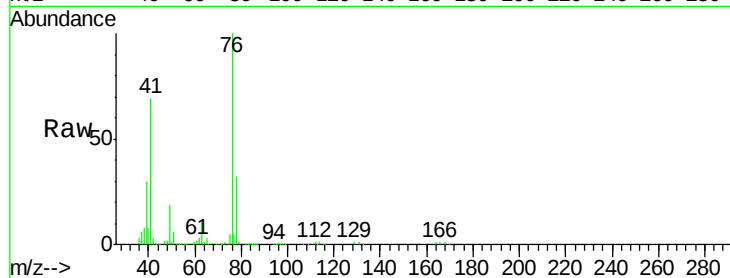
ClientSampleId :

Tot Ion: 76 Resp: 195335

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

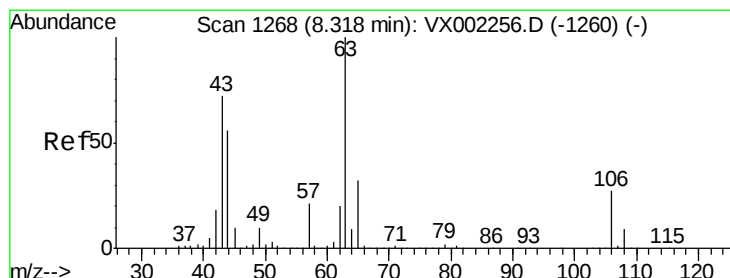
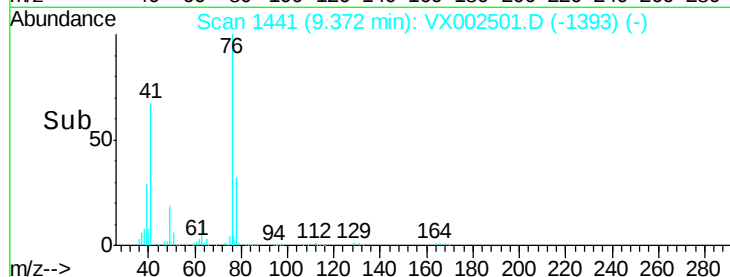
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 333.18 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002501.D

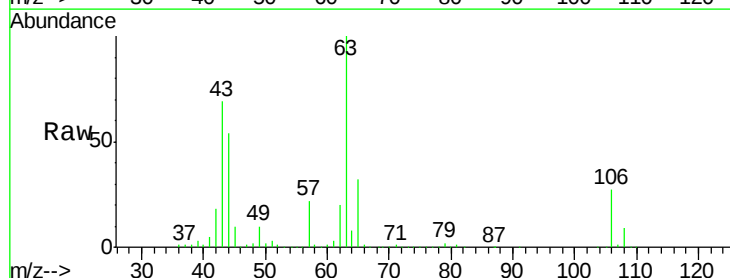
Acq: 13 Jun 2018 10:05

Tgt Ion: 63 Resp: 553569

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

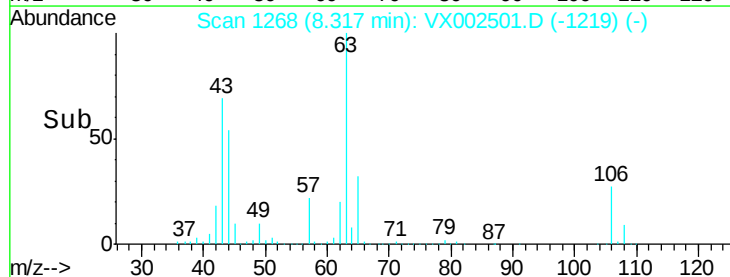
300000

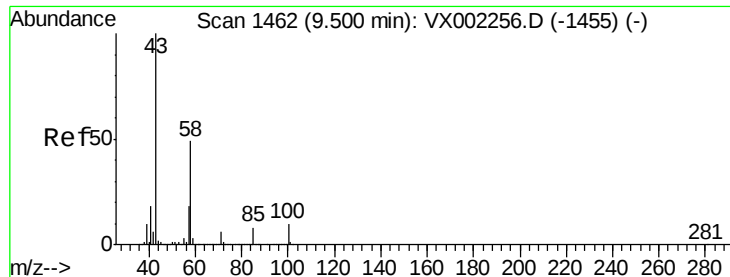
200000

100000

0

Time-->

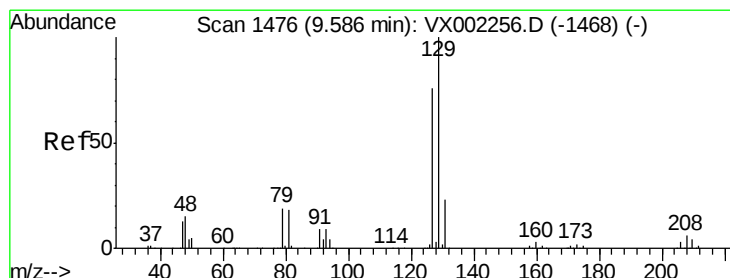
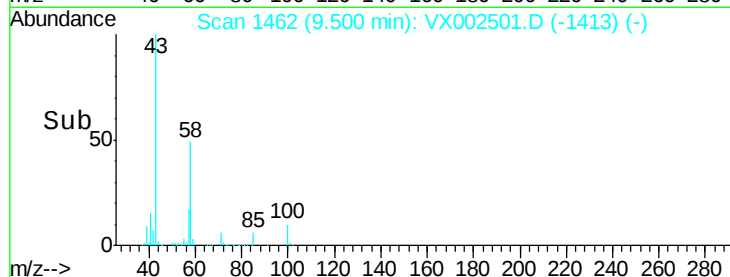
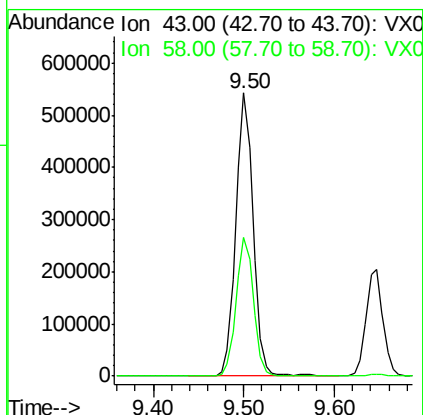
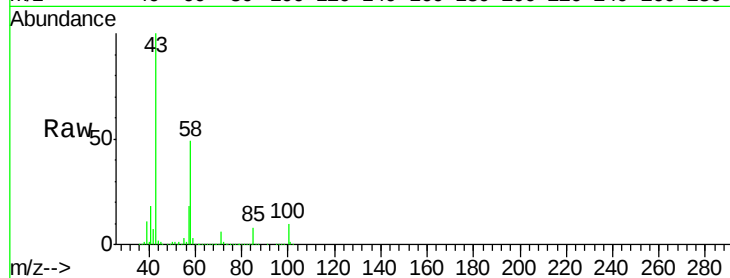




#59
2-Hexanone
Concen: 261.00 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

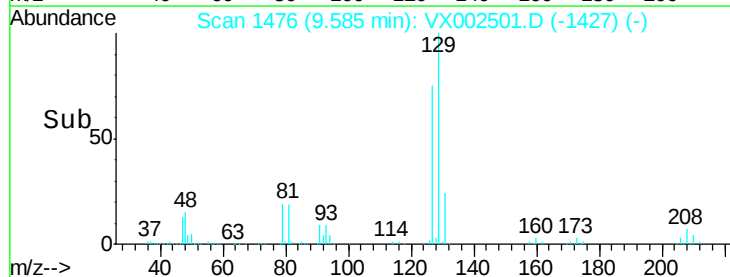
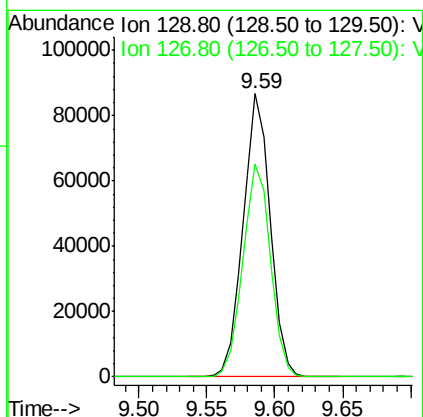
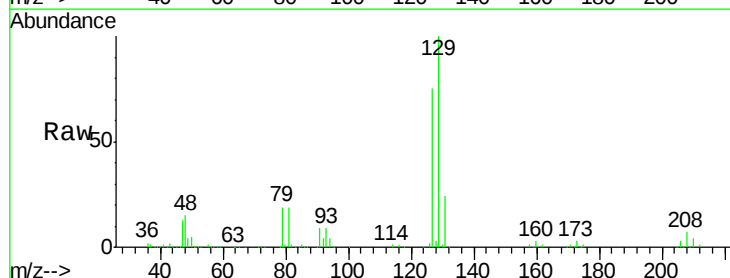
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 718878
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.6



#60
Dibromochloromethane
Concen: 53.55 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 129 Resp: 121105
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.27 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

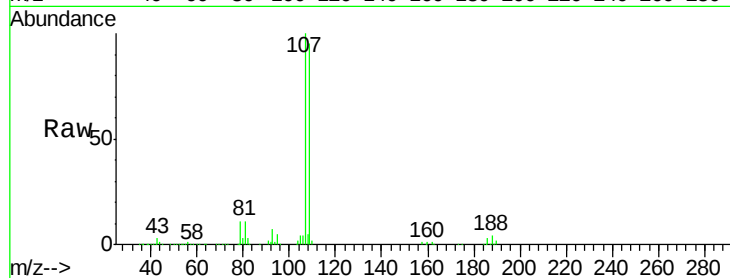
ClientSampleId :

Tot Ion:107 Resp: 124890

Ion Ratio Lower Upper

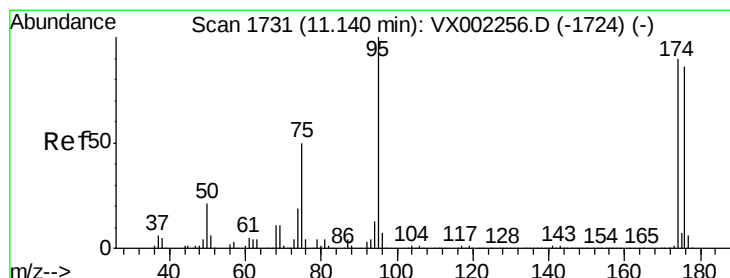
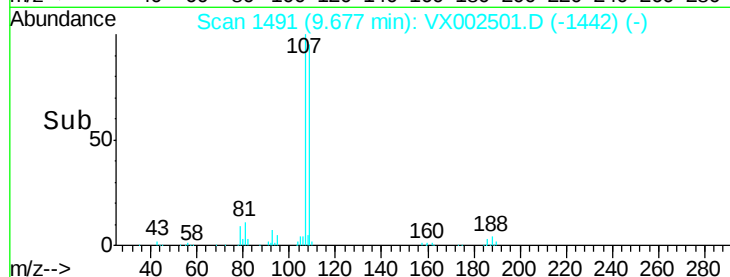
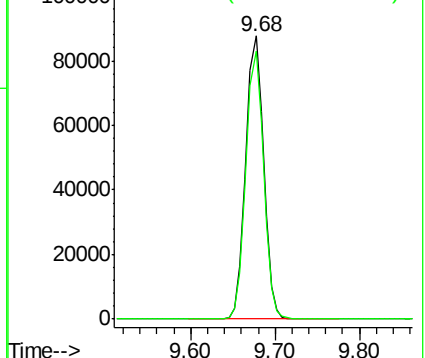
107 100

109 94.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

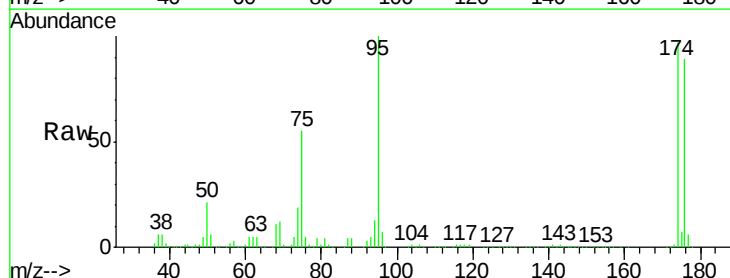
Tgt Ion: 95 Resp: 157974

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

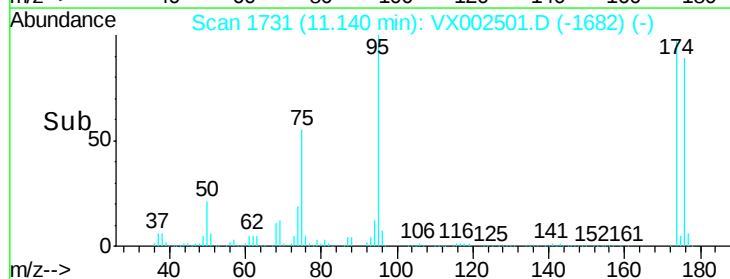
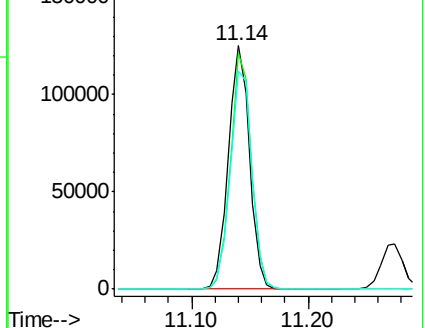
176 92.4 0.0 181.0

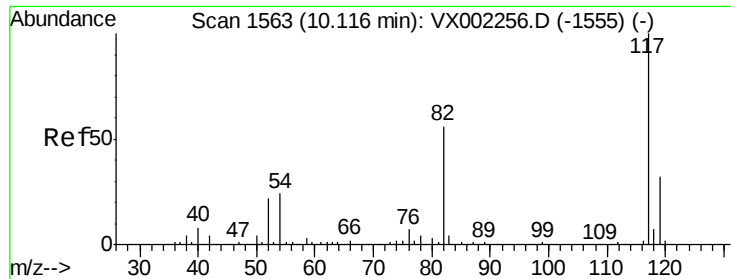


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

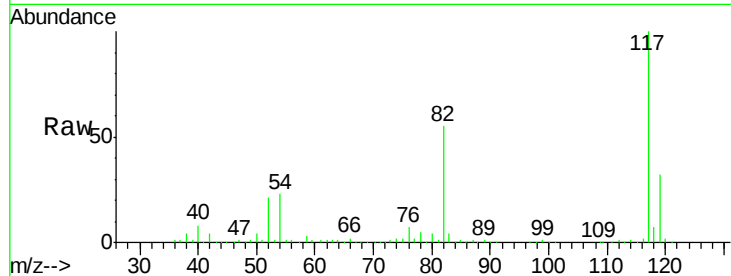




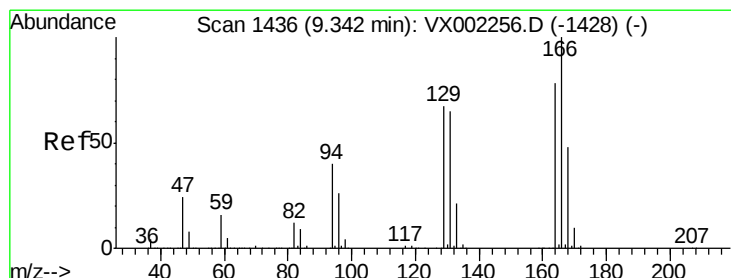
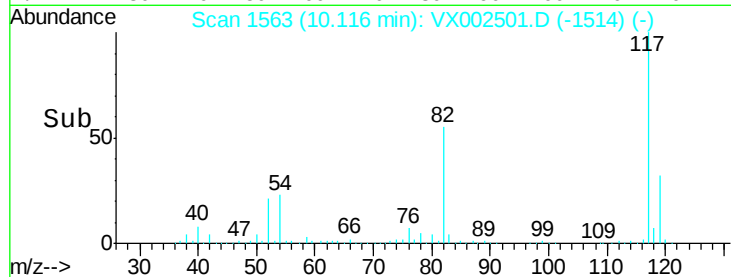
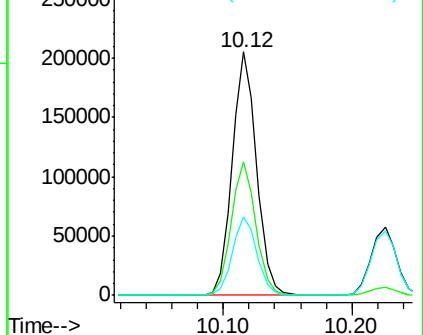
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 271132
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.4 25.8 38.6

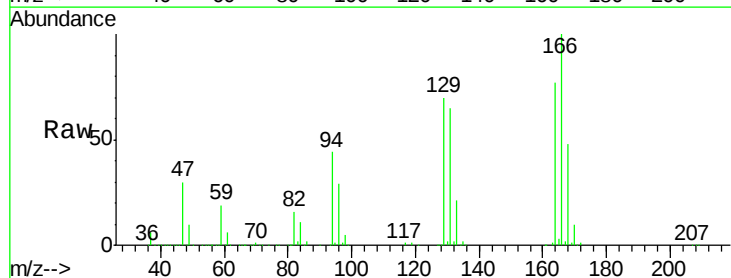


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

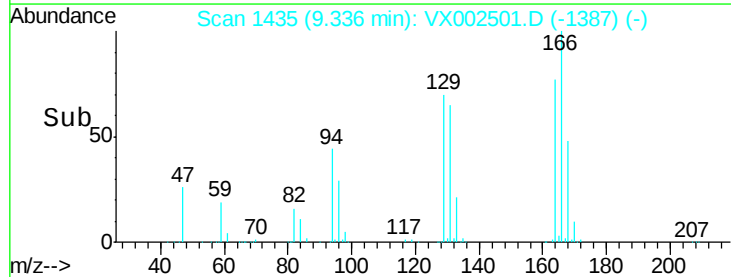
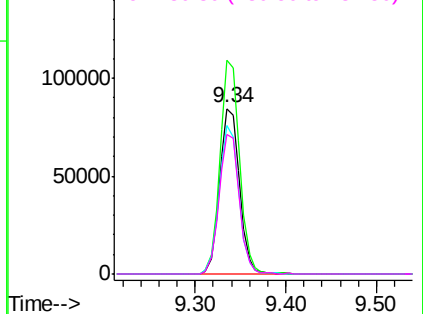


#64
Tetrachloroethene
Concen: 46.19 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion:164 Resp: 129151
Ion Ratio Lower Upper
164 100
166 129.3 102.9 154.3
129 90.0 68.6 102.8
131 84.3 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

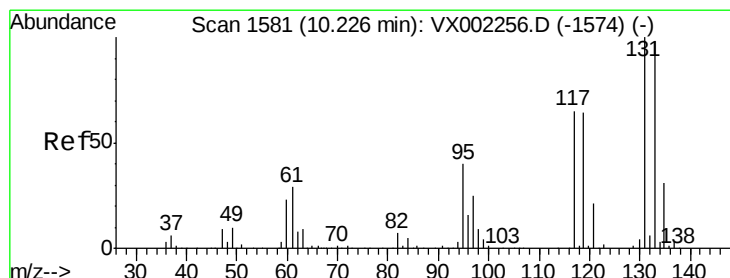
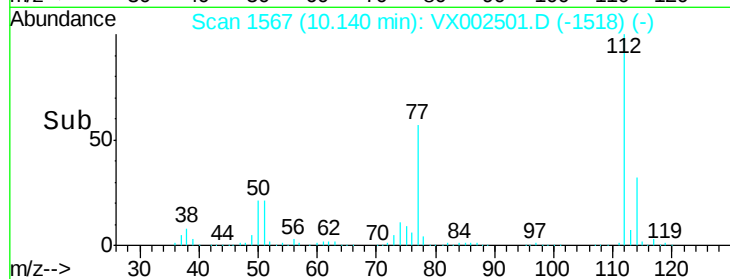
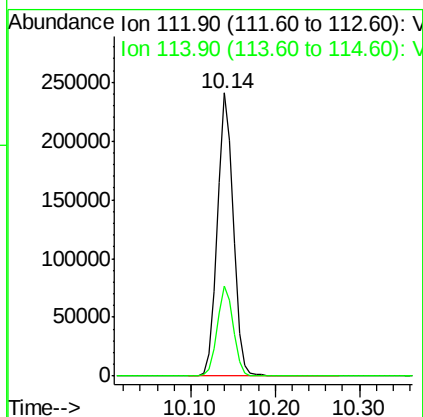
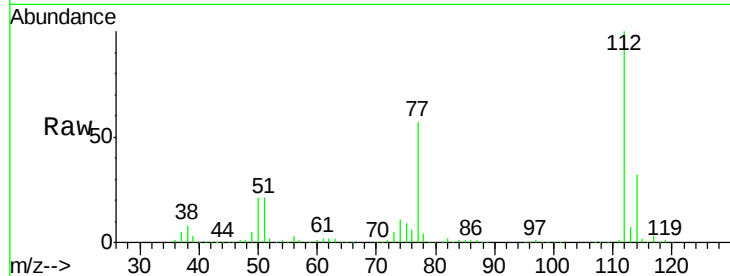




#65
Chlorobenzene
Concen: 47.15 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

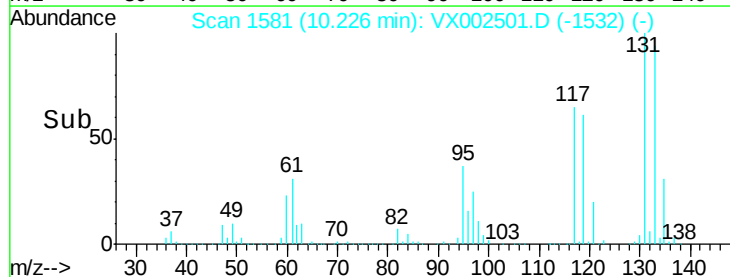
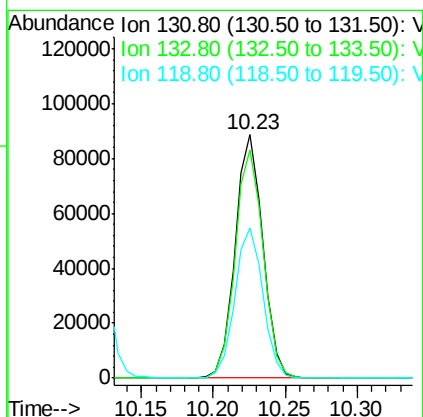
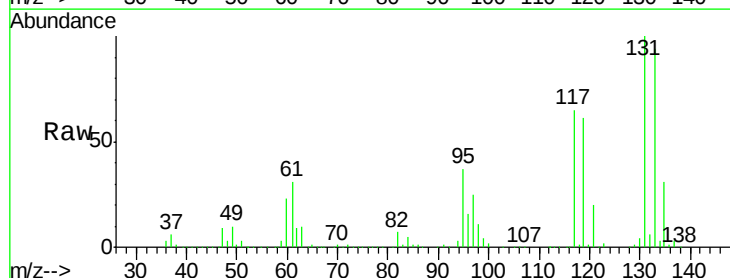
Instrument :
MSVOA_X
ClientSampleId :

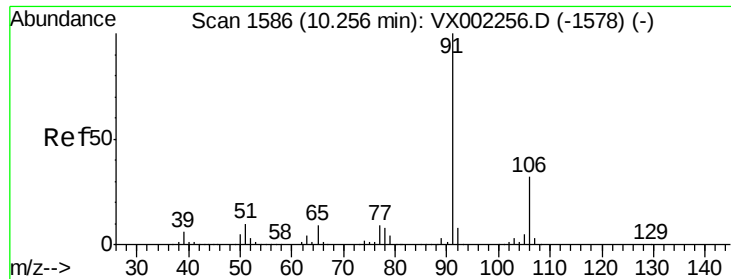
Tot Ion:112 Resp: 318112
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.52 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion:131 Resp: 118536
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 62.8 31.8 95.3

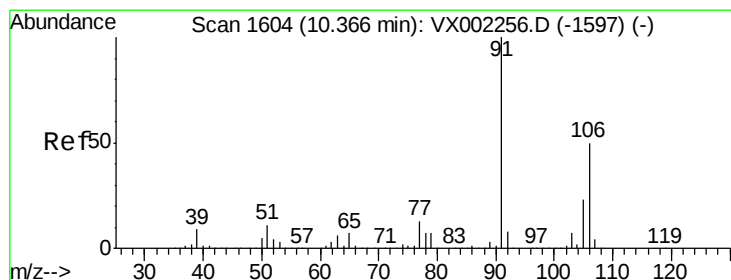
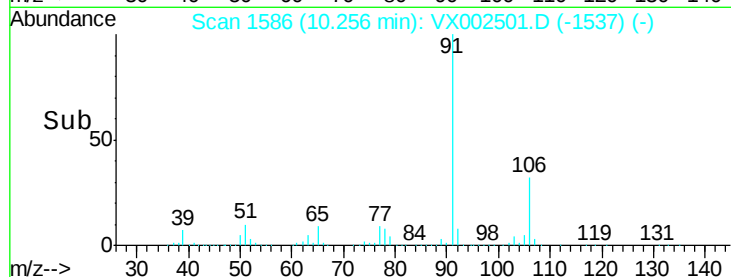
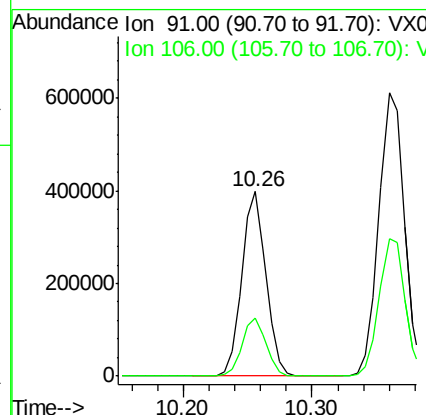
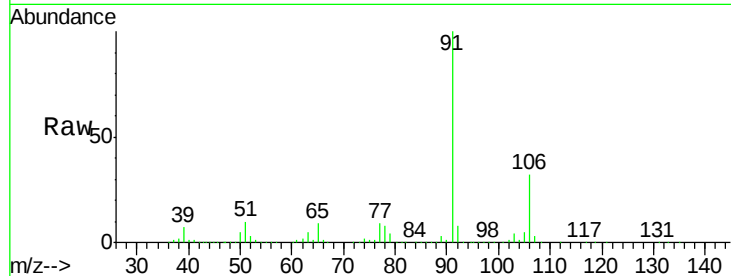




#67
Ethyl Benzene
Concen: 45.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

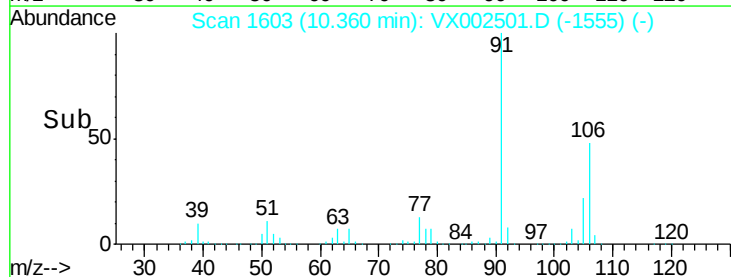
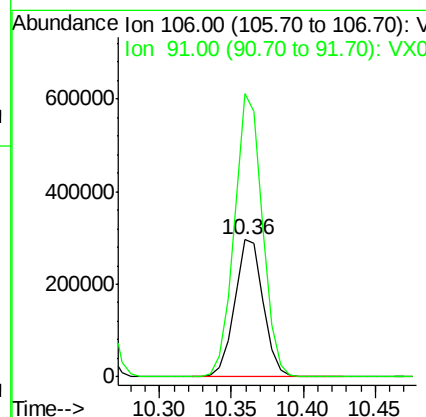
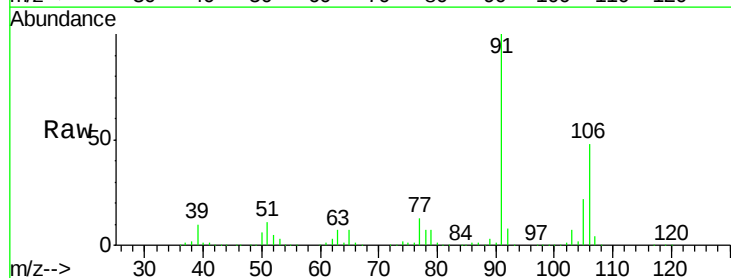
Instrument :
MSVOA_X
ClientSampleId :

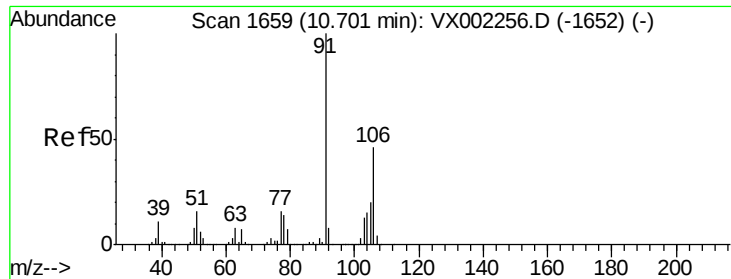
Tot Ion: 91 Resp: 515948
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 93.50 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion: 106 Resp: 410371
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2

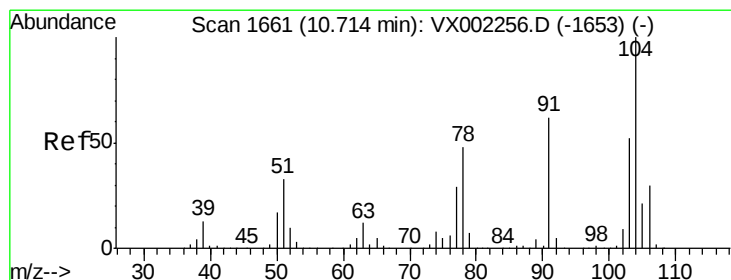
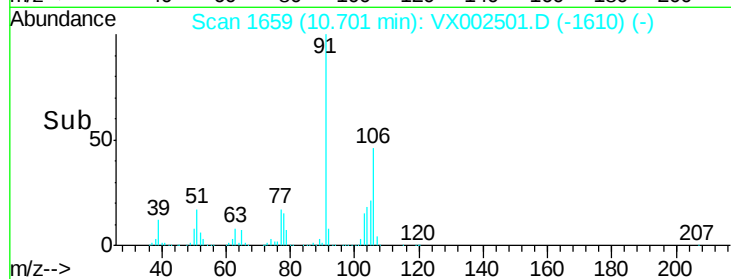
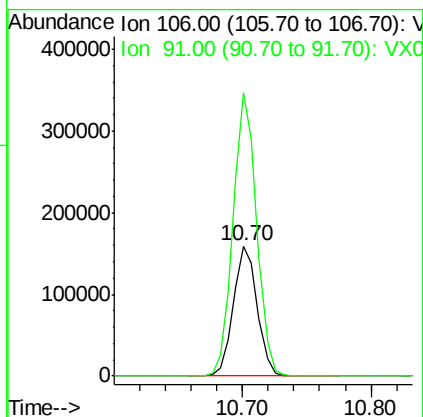
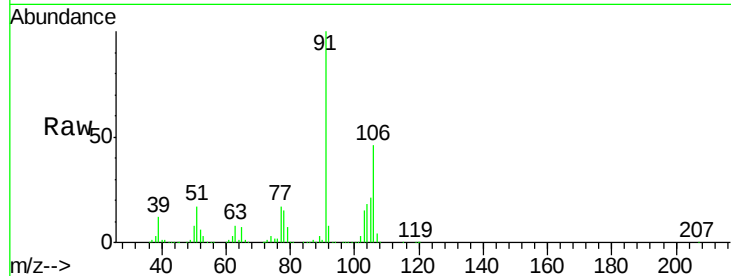




#69
o-Xylene
Concen: 46.99 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

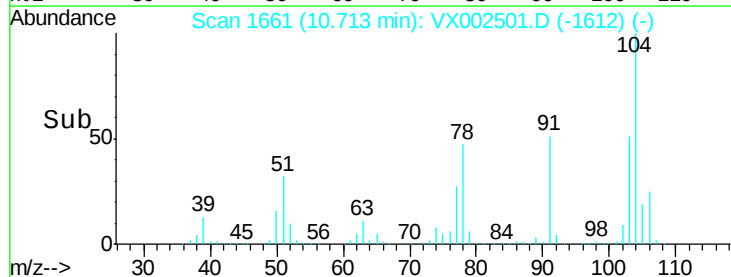
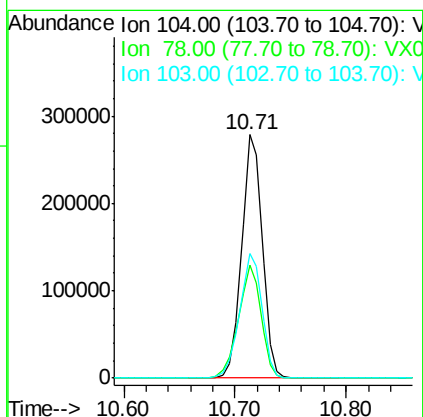
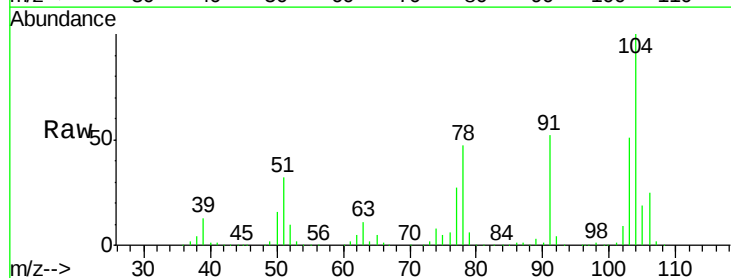
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 205236
Ion Ratio Lower Upper
106 100
91 215.5 108.2 324.6



#70
Styrene
Concen: 50.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion:104 Resp: 357404
Ion Ratio Lower Upper
104 100
78 50.8 41.0 61.6
103 55.6 44.2 66.4





#71

Bromoform

Concen: 43.47 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampled :

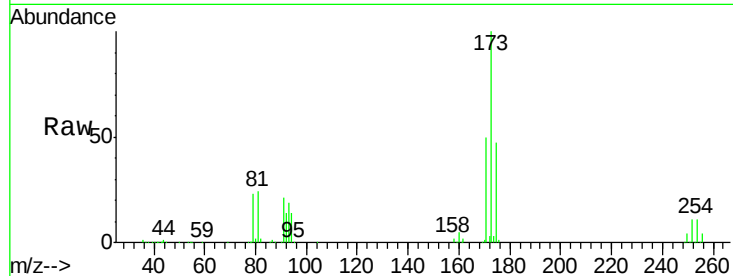
Tot Ion:173 Resp: 94048

Ion Ratio Lower Upper

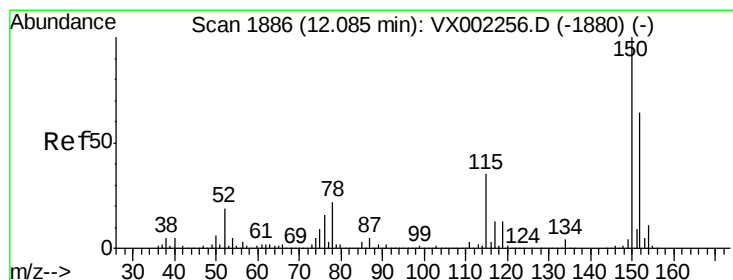
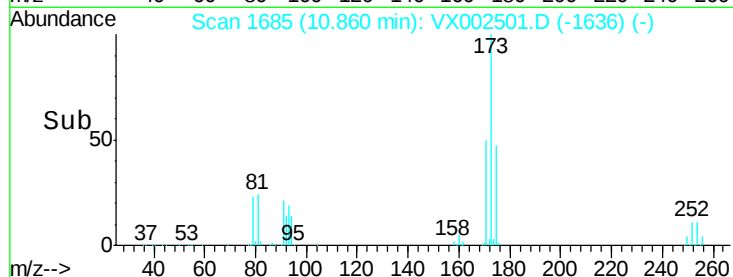
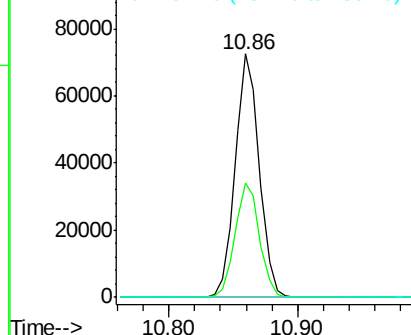
173 100

175 47.7 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

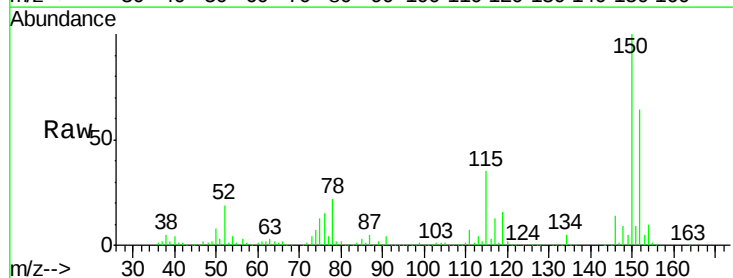
Tgt Ion:152 Resp: 182851

Ion Ratio Lower Upper

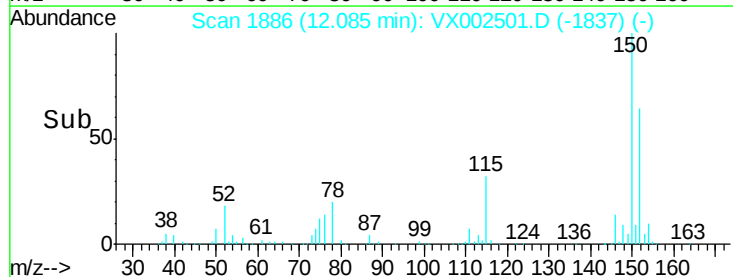
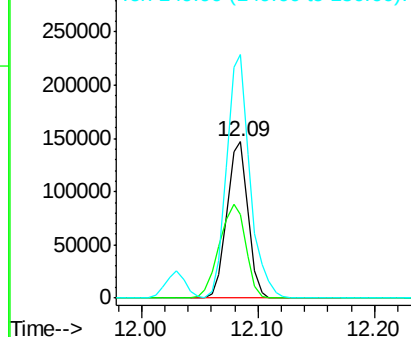
152 100

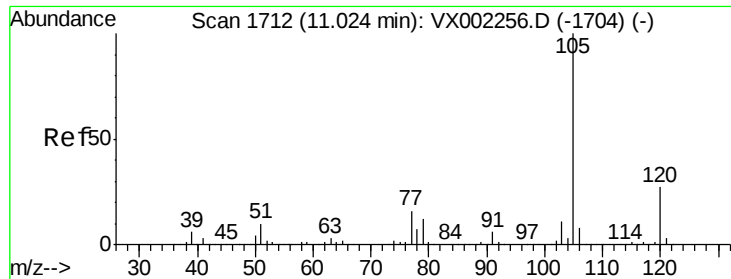
115 75.1 40.1 120.2

150 171.9 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: 42.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

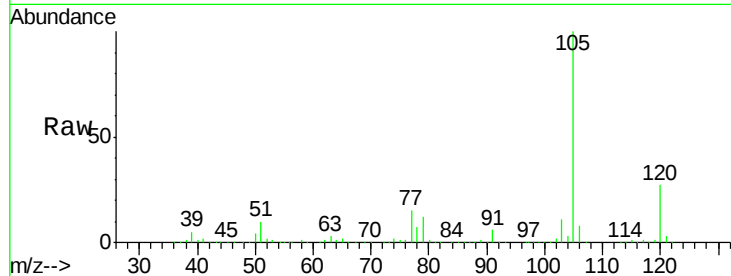
ClientSampleId :

Tot Ion:105 Resp: 536211

Ion Ratio Lower Upper

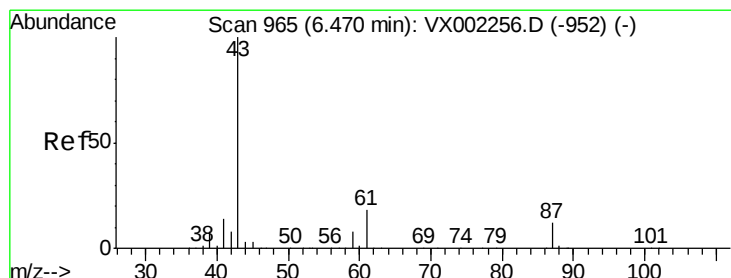
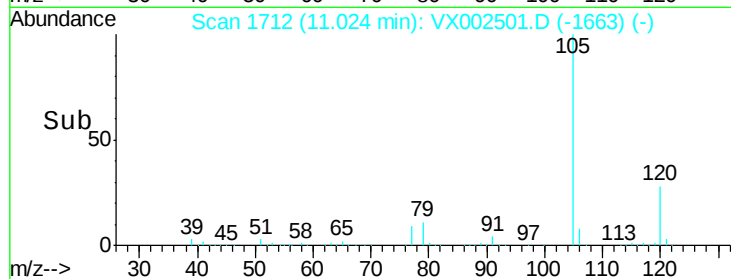
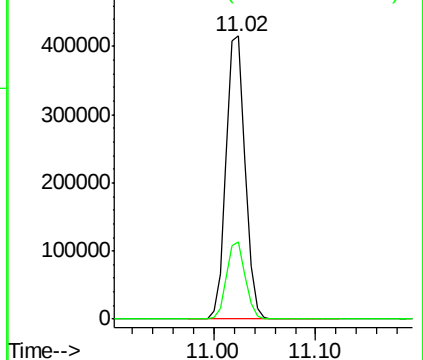
105 100

120 26.8 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: 40.83 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Tgt Ion: 43 Resp: 279852

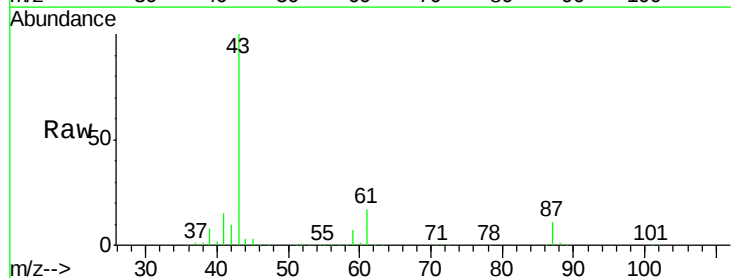
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.7 14.4 21.6

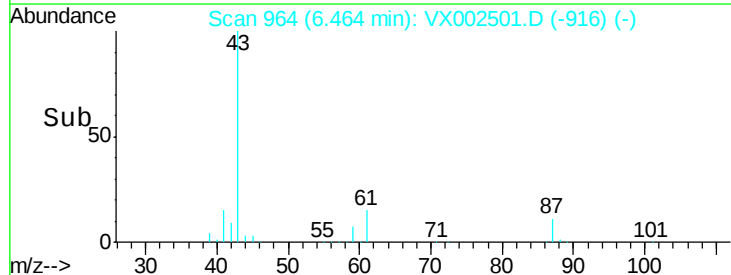
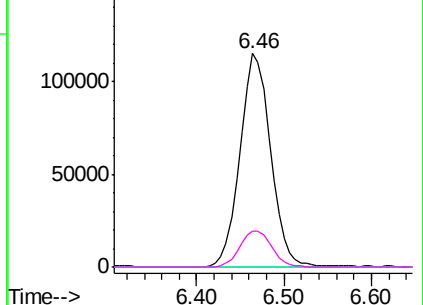


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 44.19 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

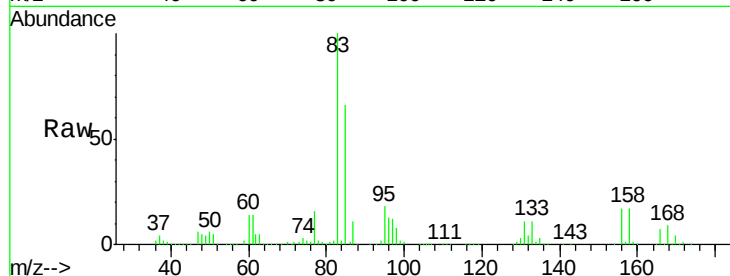
Tot Ion: 83 Resp: 176769

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.6	16.8
85	65.5	32.4	97.2

83 100

131 10.6 5.6 16.8

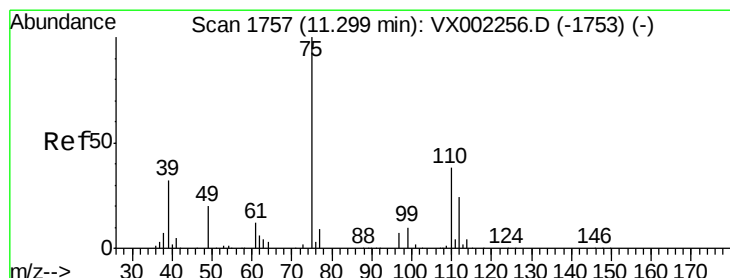
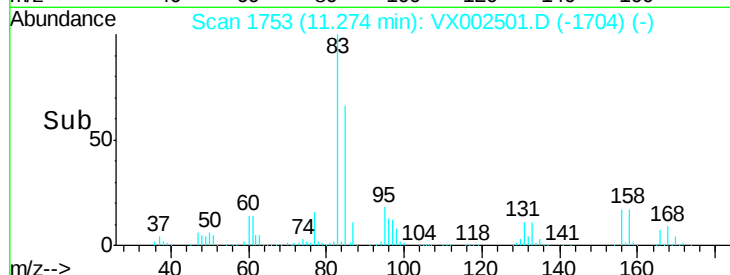
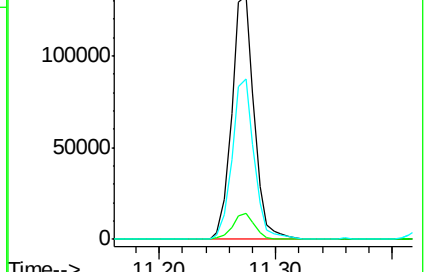
85 65.5 32.4 97.2



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: 52.49 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002501.D

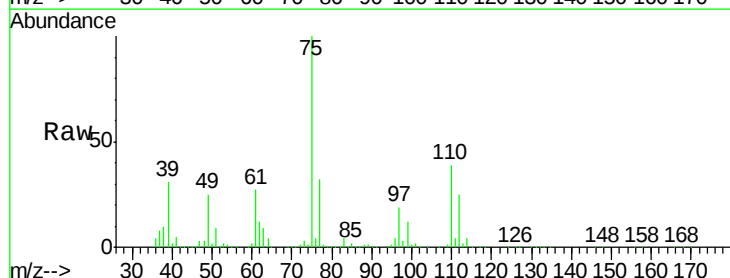
Acq: 13 Jun 2018 10:05

Tgt Ion: 75 Resp: 210588

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.8	68.3

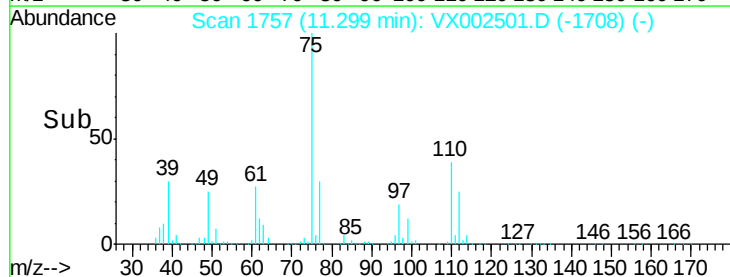
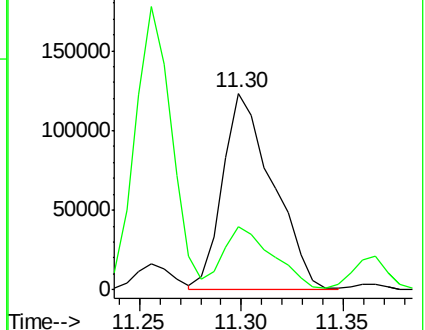
75 100

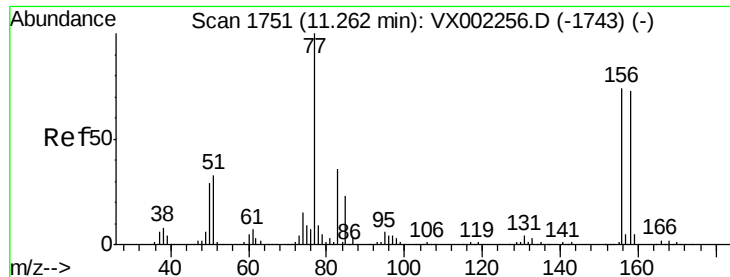
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.51 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

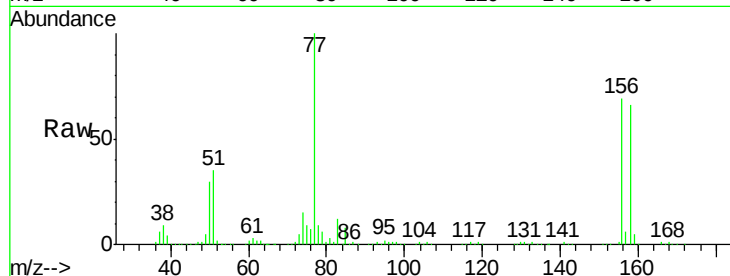
Tot Ion:156 Resp: 158934

Ion Ratio Lower Upper

156 100

77 139.1 71.4 214.2

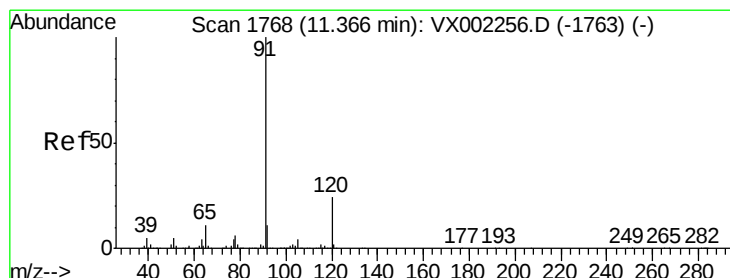
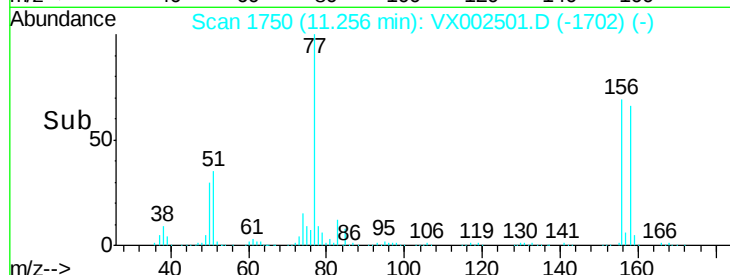
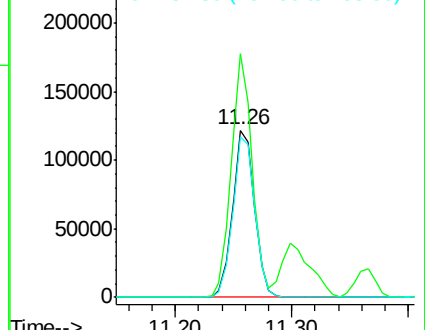
158 96.8 48.9 146.6



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: 43.57 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002501.D

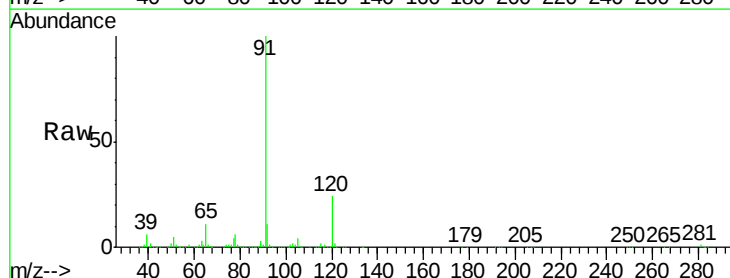
Acq: 13 Jun 2018 10:05

Tgt Ion: 91 Resp: 616049

Ion Ratio Lower Upper

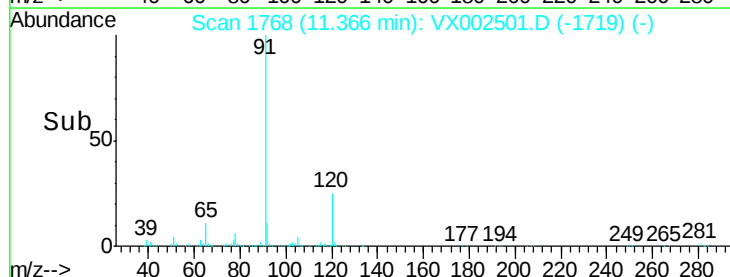
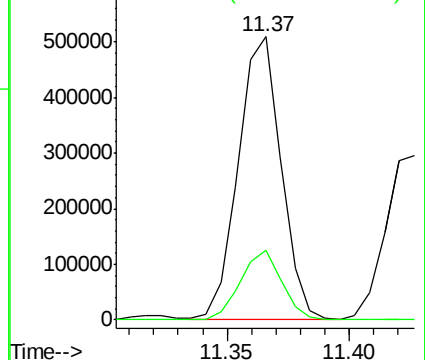
91 100

120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

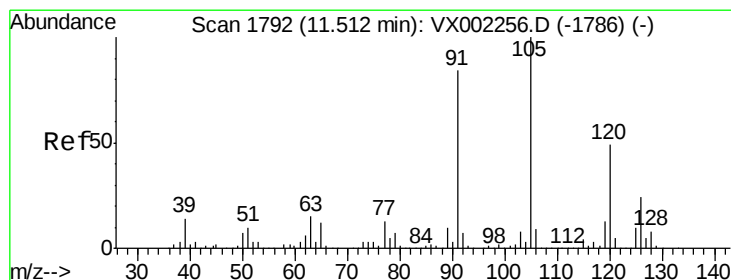
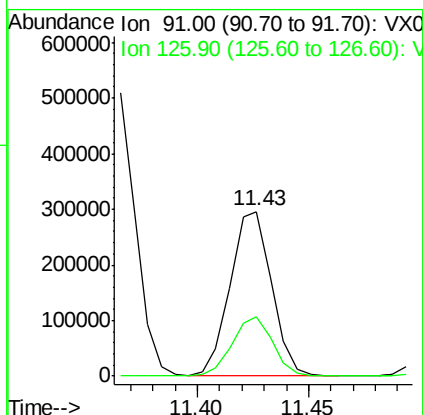
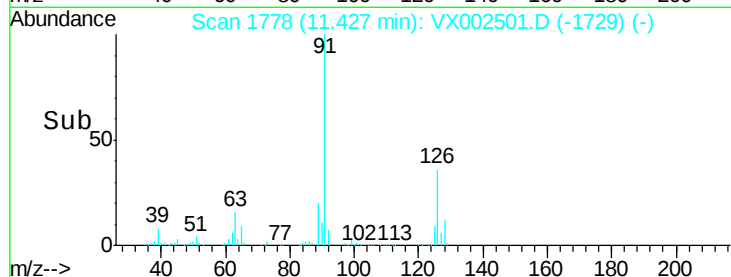
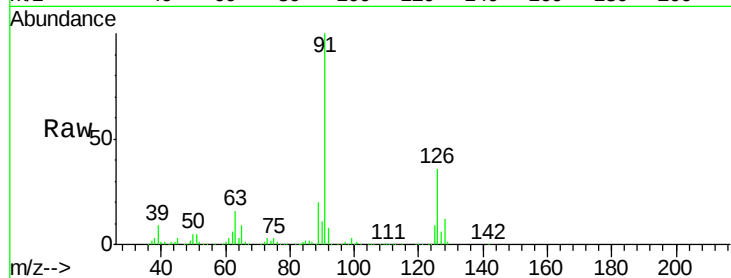
ClientSampleId :

Tot Ion: 91 Resp: 383093

Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 43.20 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002501.D

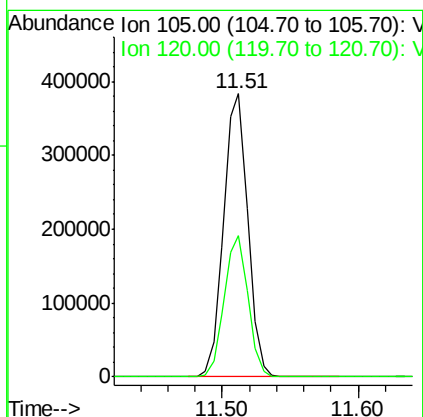
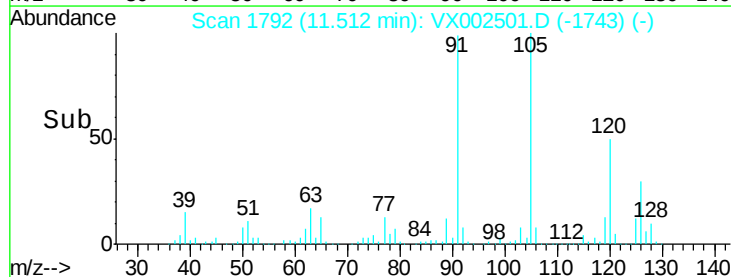
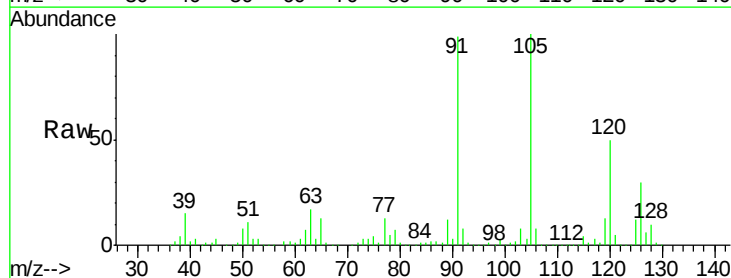
Acq: 13 Jun 2018 10:05

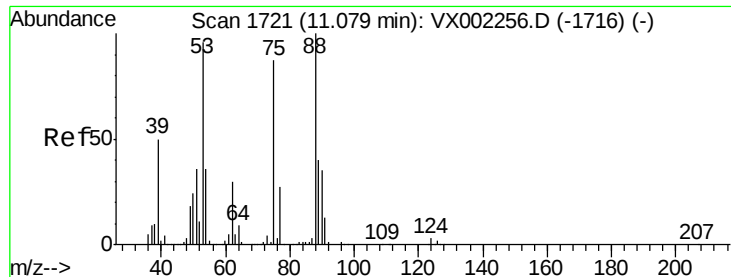
Tgt Ion: 105 Resp: 471343

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 42.10 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampled :

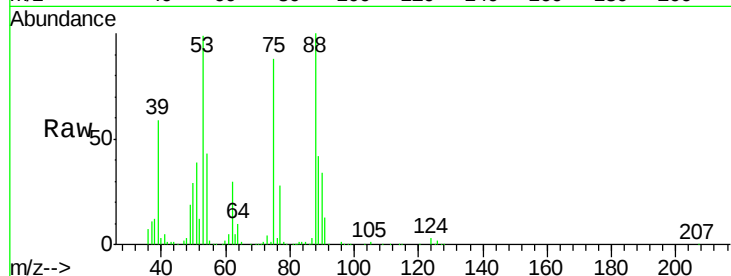
Tot Ion: 75 Resp: 48190

Ion Ratio Lower Upper

75 100

53 117.6 86.8 130.2

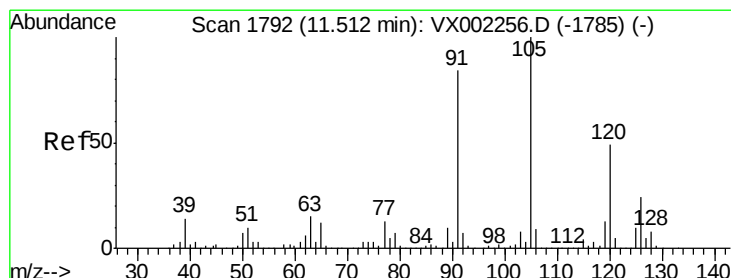
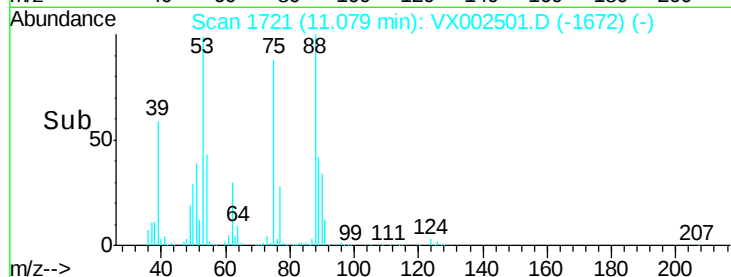
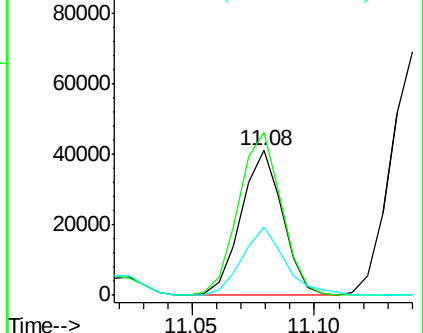
89 49.6 38.2 57.2



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: 44.77 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002501.D

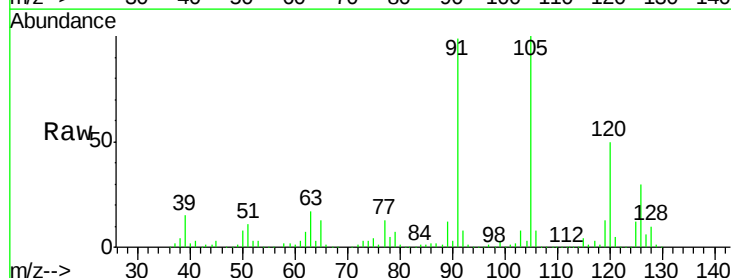
Acq: 13 Jun 2018 10:05

Tgt Ion: 91 Resp: 461302

Ion Ratio Lower Upper

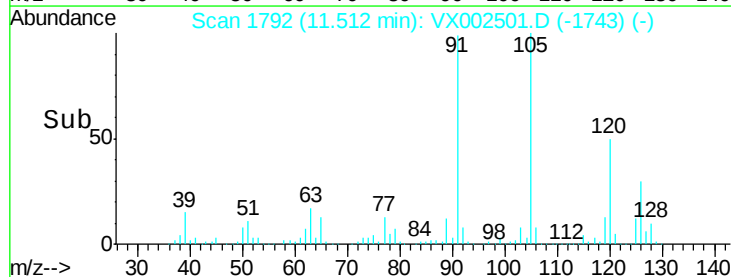
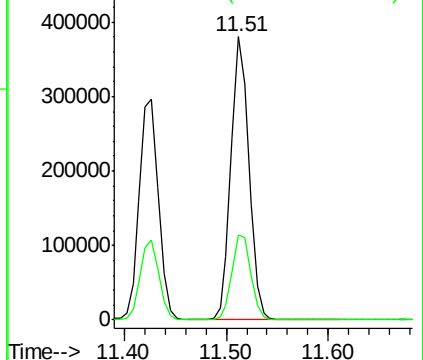
91 100

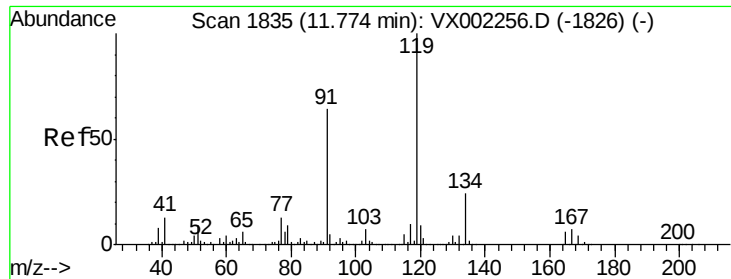
126 31.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

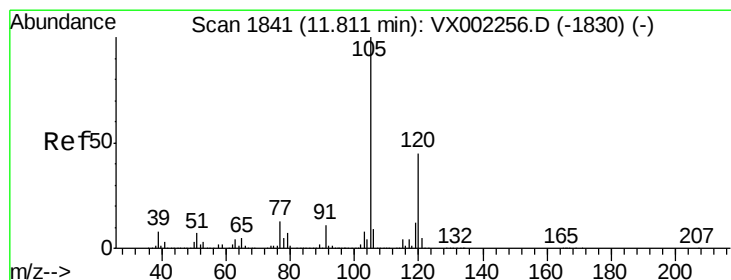
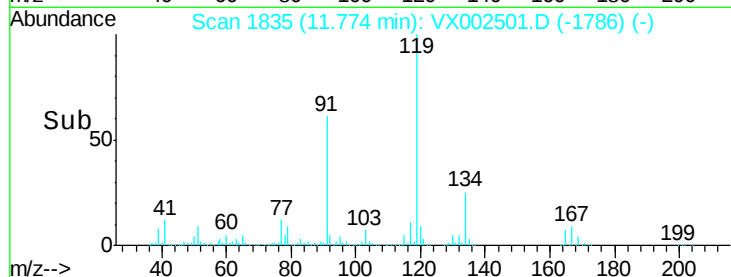
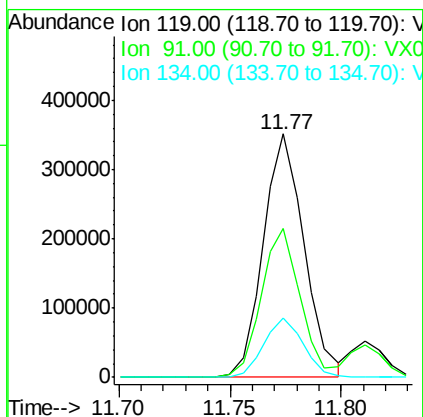
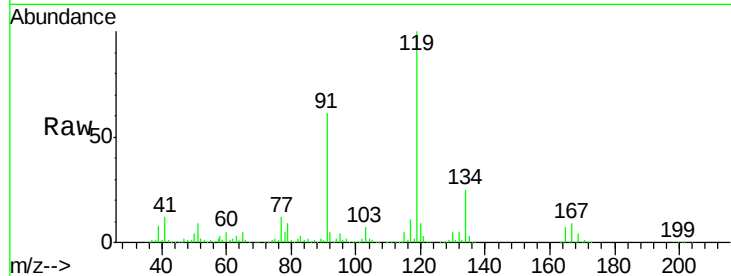




#83
 tert-Butylbenzene
 Concen: 42.08 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

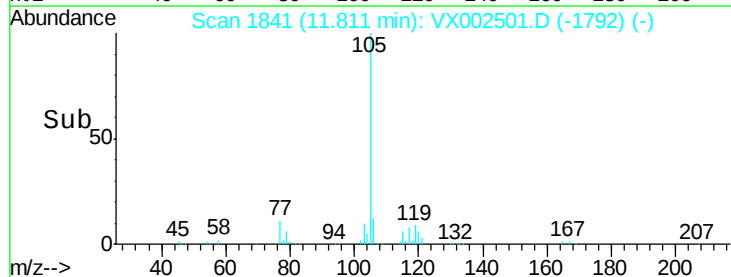
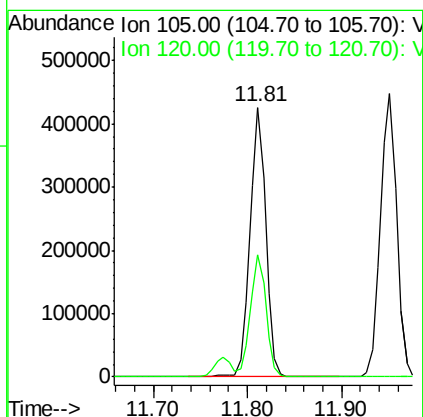
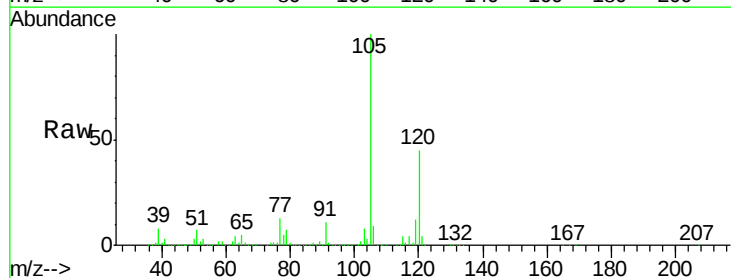
Instrument :
 MSVOA_X
 ClientSampleId :

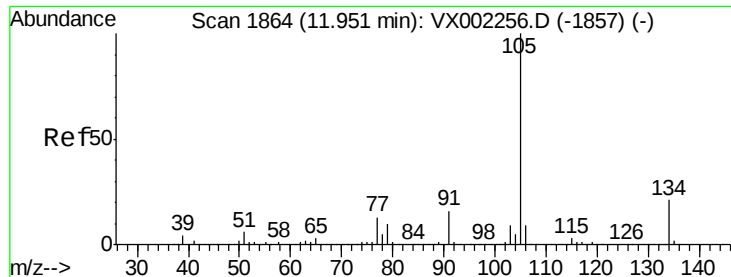
Tot Ion:119 Resp: 447050
 Ion Ratio Lower Upper
 119 100
 91 59.0 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 44.53 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion:105 Resp: 500071
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8

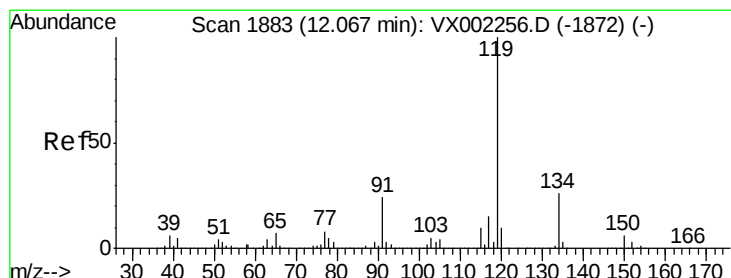
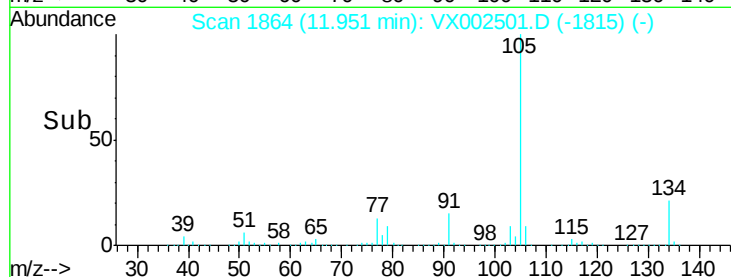
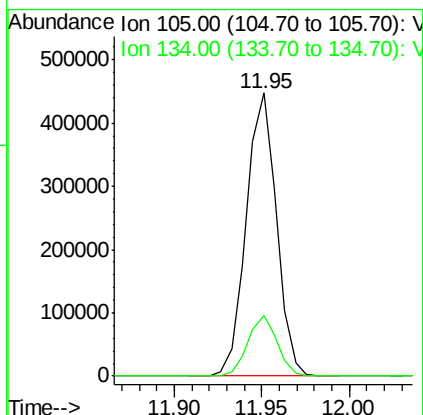
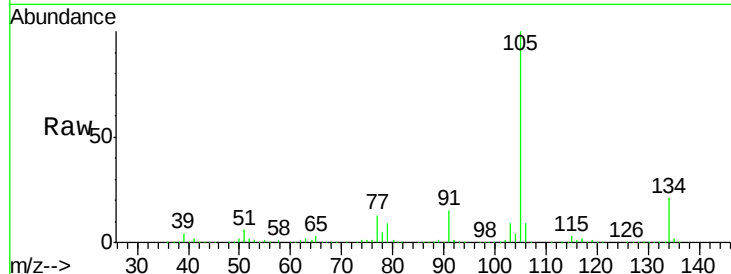




#85
 sec-Butylbenzene
 Concen: 43.16 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

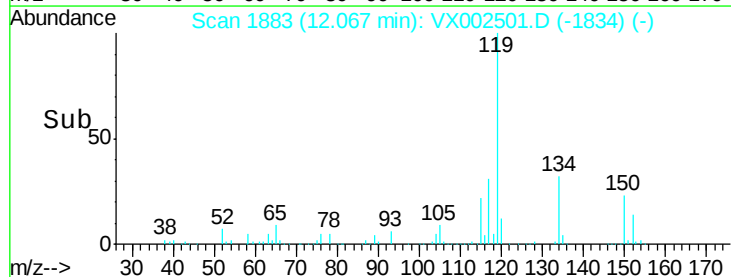
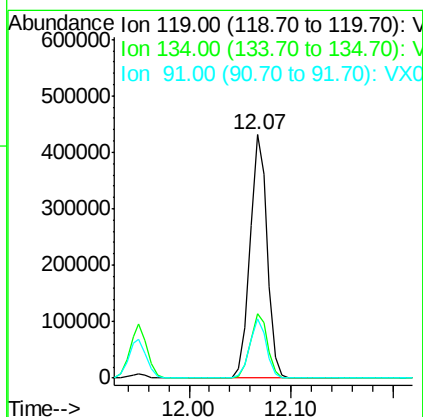
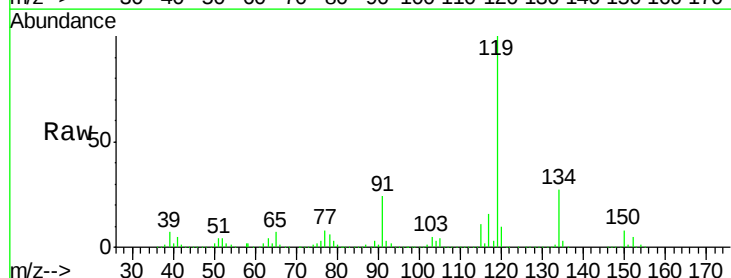
Instrument :
 MSVOA_X
 ClientSampleId :

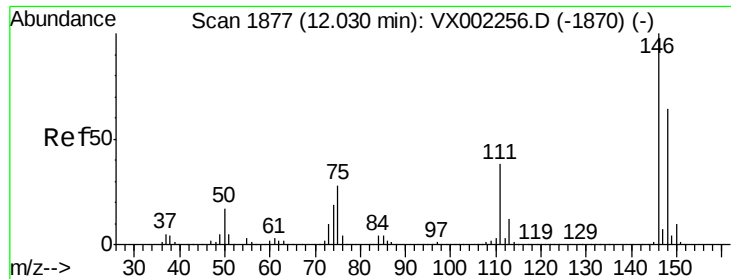
Tot Ion:105 Resp: 537543
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 44.51 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion:119 Resp: 504939
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.6 11.9 35.7

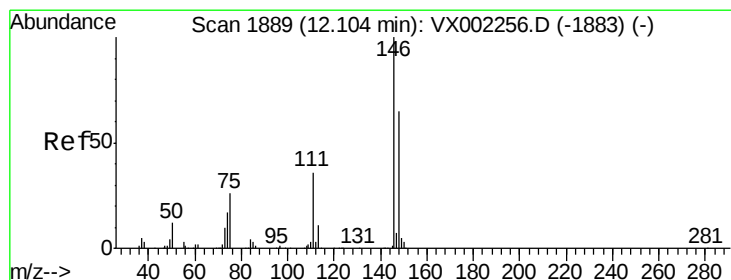
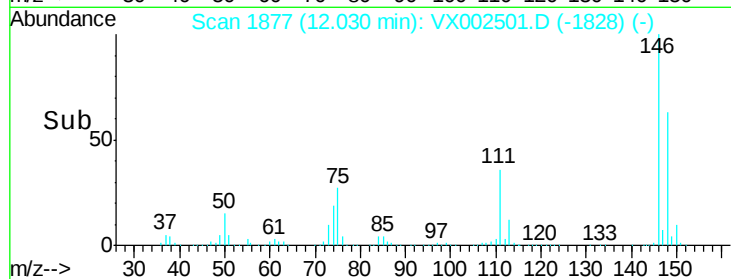
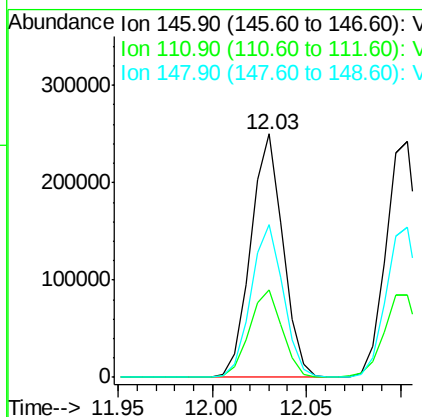
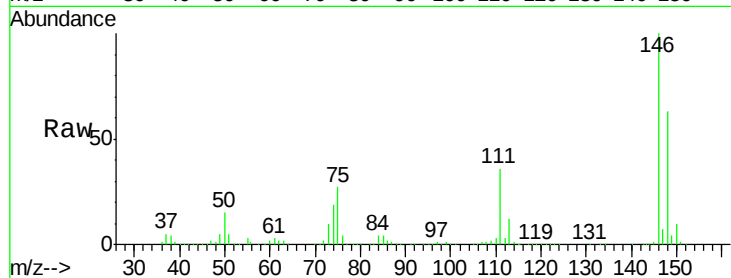




#87
 1,3-Dichlorobenzene
 Concen: 46.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

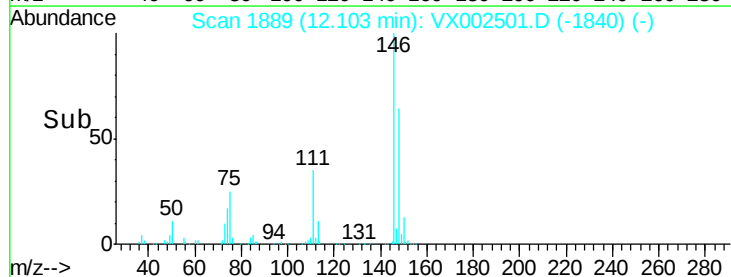
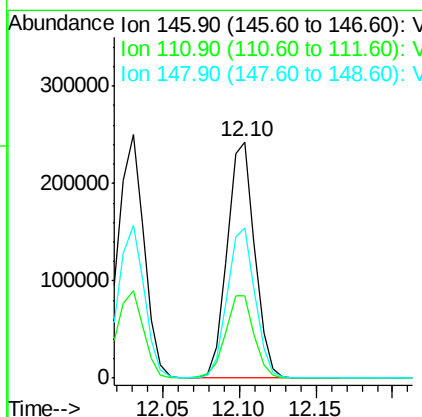
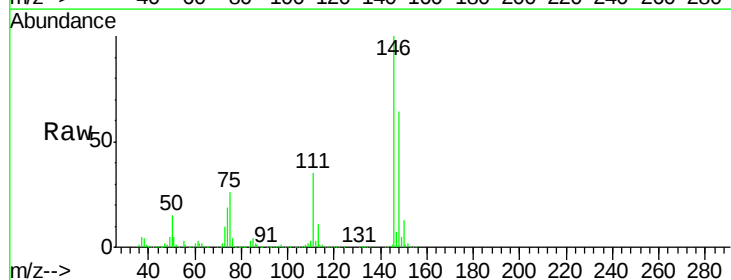
Instrument :
 MSVOA_X
 ClientSampleId :

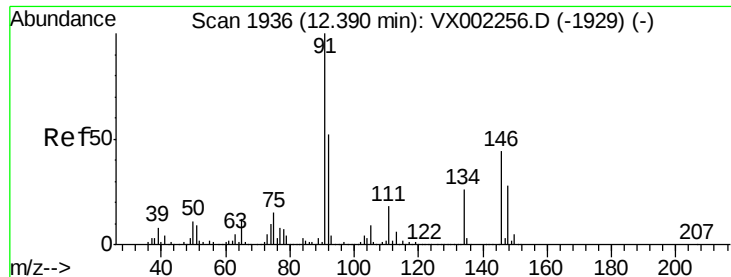
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.7
148	63.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 45.87 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

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





#89

n-Butylbenzene

Concen: 46.38 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampled :

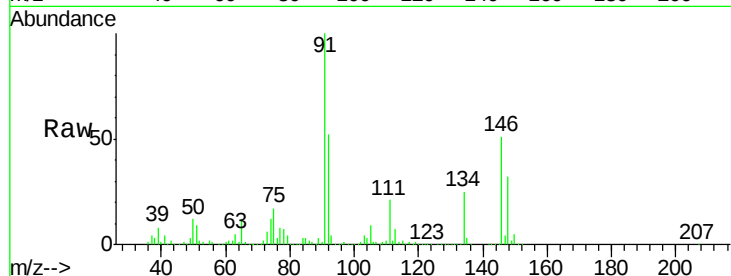
Tot Ion: 91 Resp: 441261

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

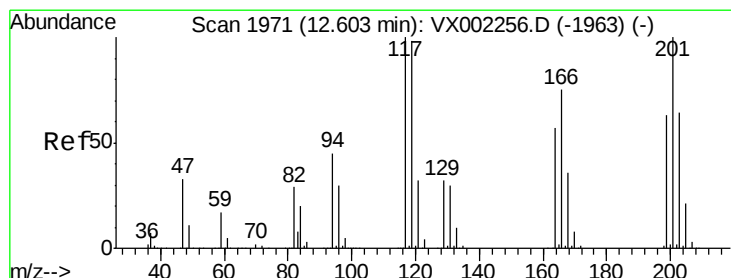
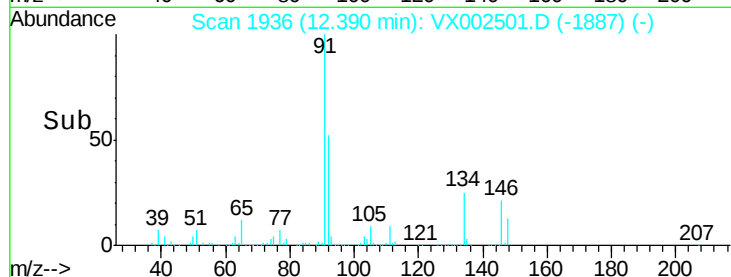
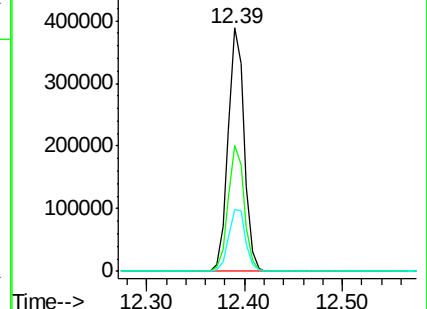
134 27.0 13.5 40.5



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

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

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



#90

Hexachloroethane

Concen: 40.35 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002501.D

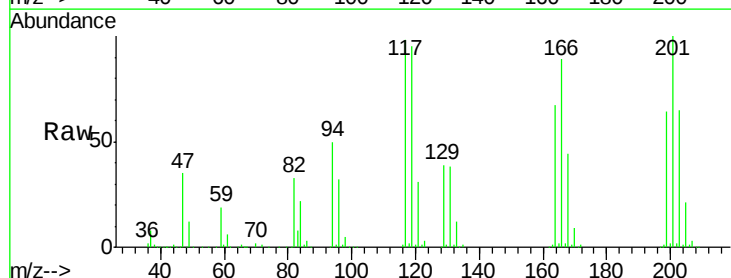
Acq: 13 Jun 2018 10:05

Tgt Ion: 117 Resp: 73066

Ion Ratio Lower Upper

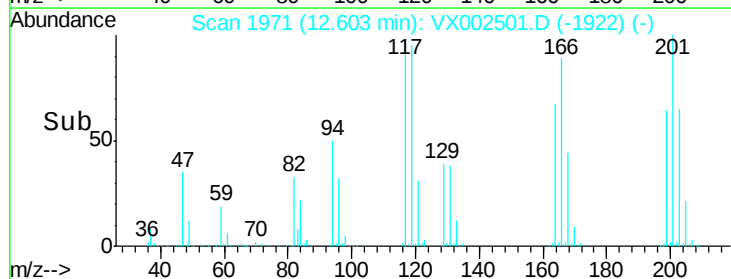
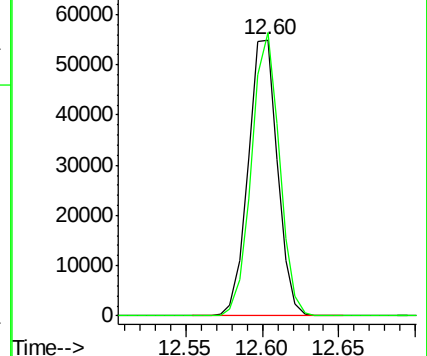
117 100

201 97.5 49.0 147.0



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

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





#91

1,2-Dichlorobenzene

Concen: 46.29 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

Instrument :

MSVOA_X

ClientSampleId :

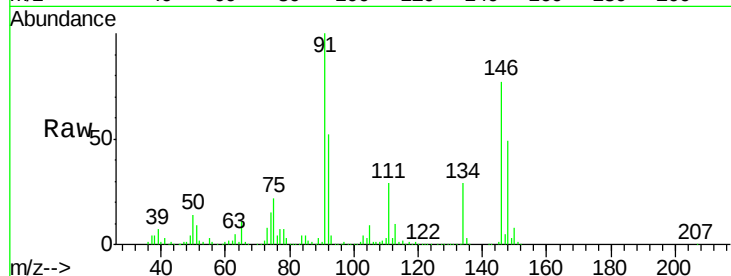
Tot Ion:146 Resp: 305832

Ion Ratio Lower Upper

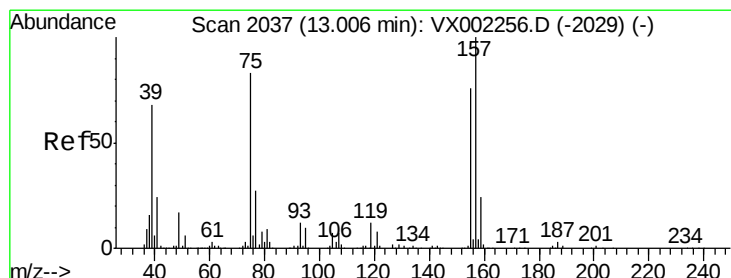
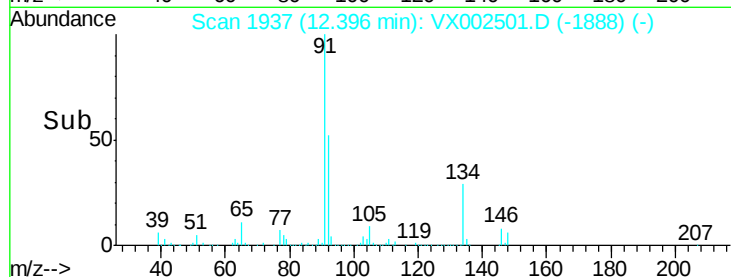
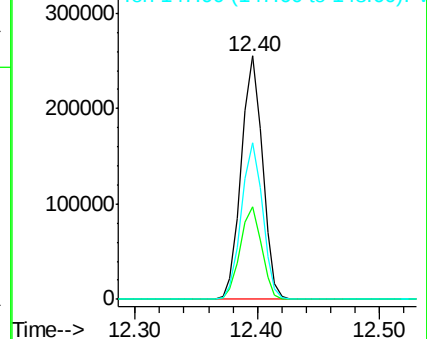
146 100

111 38.3 19.4 58.1

148 64.2 31.7 95.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.85 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002501.D

Acq: 13 Jun 2018 10:05

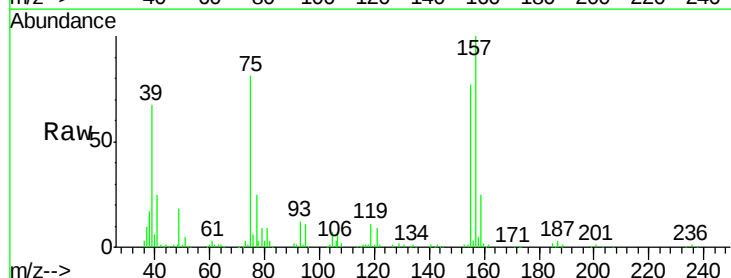
Tgt Ion: 75 Resp: 39240

Ion Ratio Lower Upper

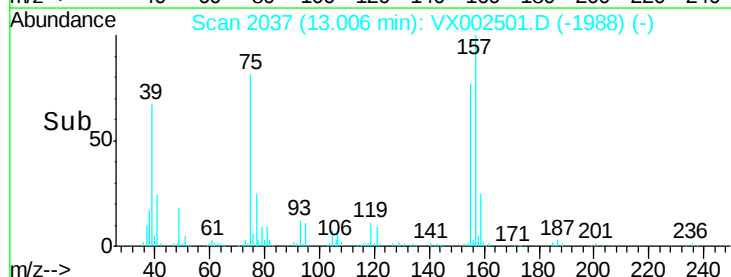
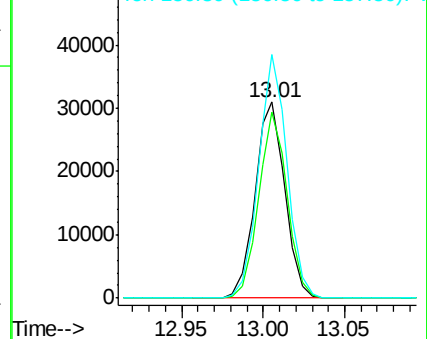
75 100

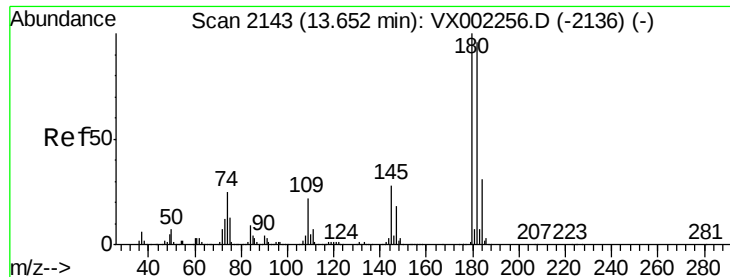
155 90.7 45.8 137.4

157 117.9 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

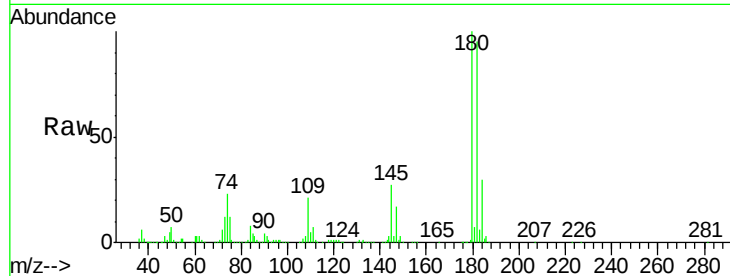




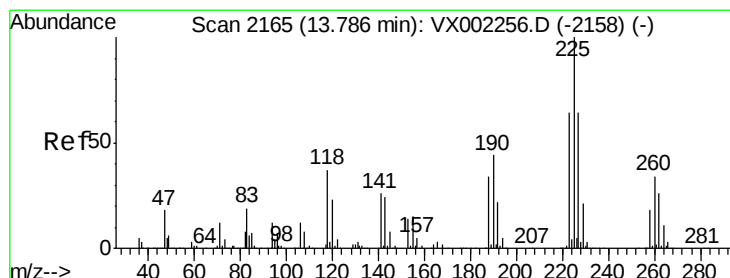
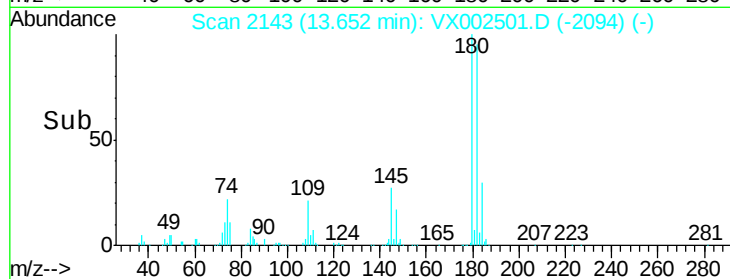
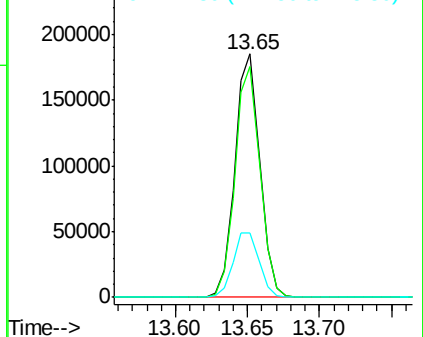
#93
 1,2,4-Trichlorobenzene
 Concen: 48.42 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 224313
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 28.1 14.1 42.4

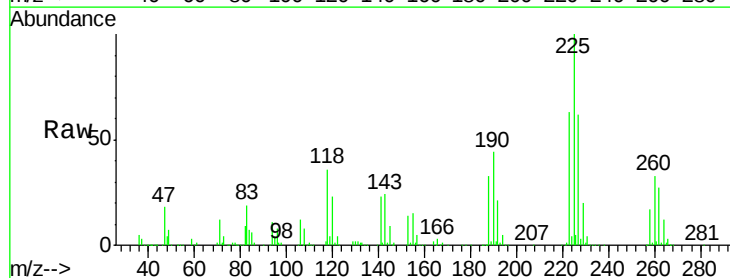


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

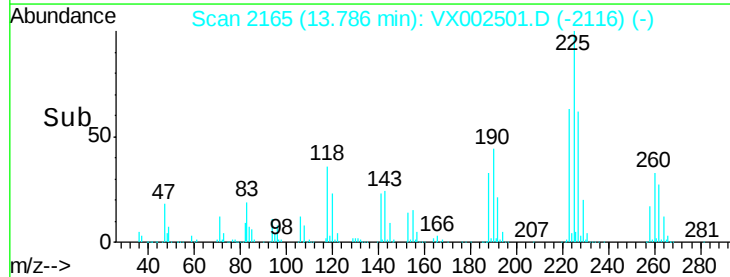
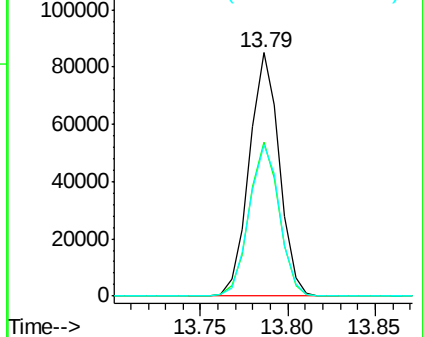


#94
 Hexachlorobutadiene
 Concen: 44.22 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002501.D
 Acq: 13 Jun 2018 10:05

Tgt Ion:225 Resp: 101226
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 62.9 32.4 97.2



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

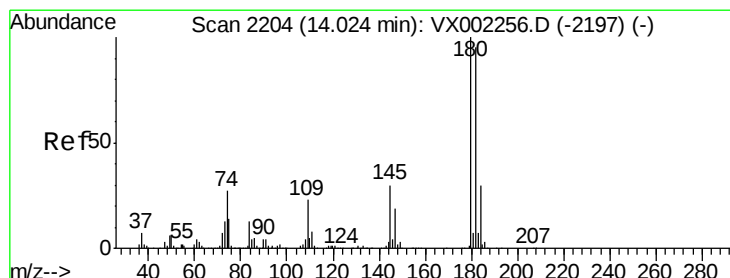
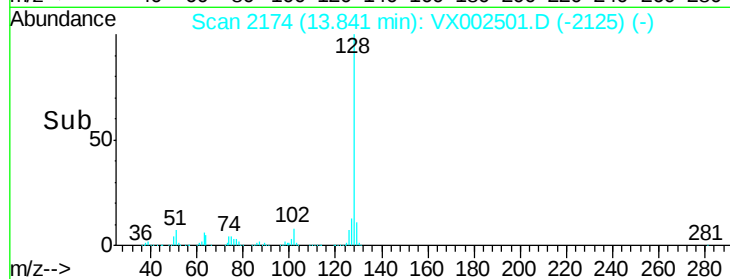
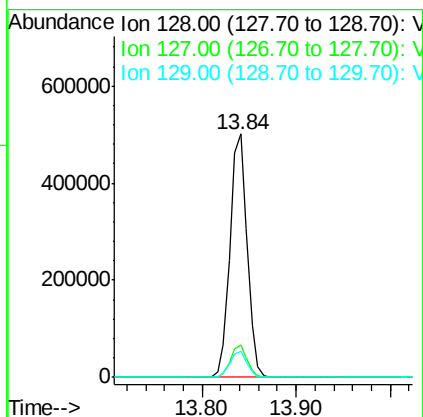
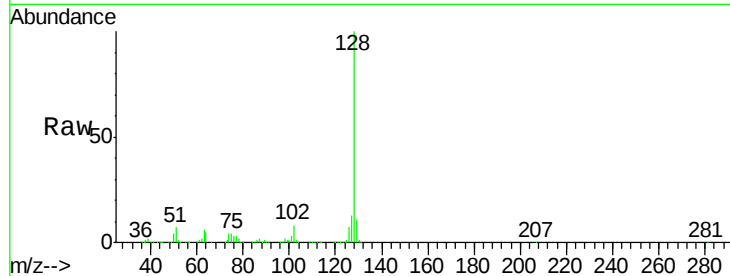




#95
Naphthalene
Concen: 47.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 631249
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.34 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002501.D
Acq: 13 Jun 2018 10:05

Tgt Ion:180 Resp: 228382
Ion Ratio Lower Upper
180 100
182 95.5 48.0 144.0
145 29.4 14.8 44.3

