

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
 Data File : VX005256.D
 Acq On : 11 Oct 2018 16:12
 Operator : JC/MD
 Sample : VX1011WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:08:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	259577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142960	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	127739	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
35) Dibromofluoromethane	5.50	113	113570	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	8.71	98	385081	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.14	95	133935	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	

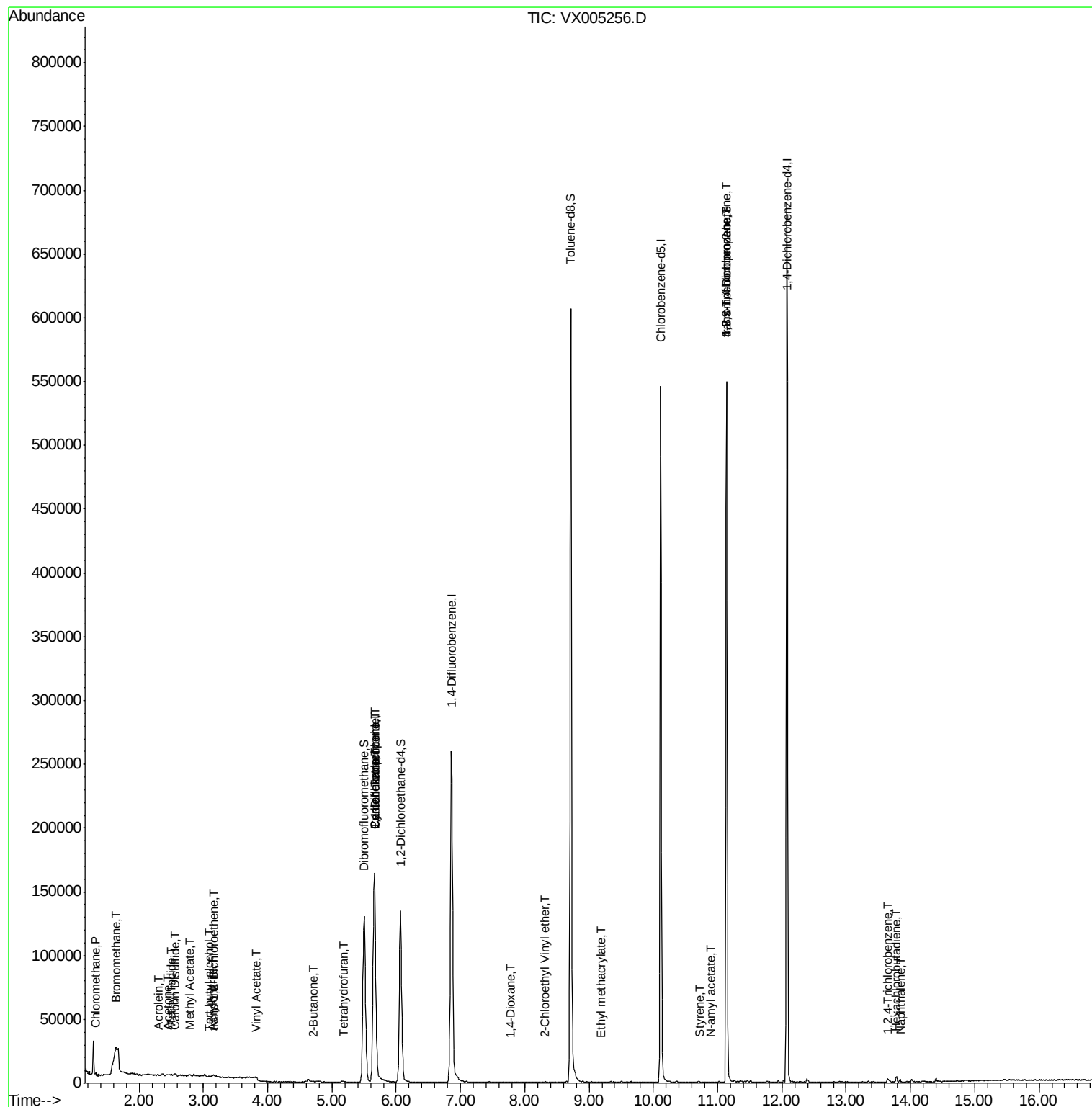
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1345	0.471	ug/l	92
5) Bromomethane	1.64	94	2236	1.409	ug/l	89
6) Chloroethane	1.79	64	2191	Below Cal	#	48
10) Methyl Iodide	2.51	142	810	0.321	ug/l #	84
11) Tert butyl alcohol	3.09	59	420	0.610	ug/l #	81
13) Acrolein	2.29	56	291	0.594	ug/l #	68
15) Acrylonitrile	3.15	53	1124	0.741	ug/l #	83
16) Acetone	2.45	43	901	0.626	ug/l #	85
17) Carbon Disulfide	2.56	76	2047	0.364	ug/l #	82
18) Methyl Acetate	2.78	43	1176	0.323	ug/l #	89
20) Methylene Chloride	2.85	84	416	Below Cal	#	79
21) trans-1,2-Dichloroethene	3.17	96	451	0.220	ug/l #	80
23) Vinyl Acetate	3.82	43	1390	0.221	ug/l #	73
25) 2-Butanone	4.71	43	812	0.383	ug/l #	49
29) Tetrahydrofuran	5.18	42	880	0.668	ug/l #	68
31) Cyclohexane	5.66	56	3296	1.051	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11776	3.821	ug/l #	46
38) Carbon Tetrachloride	5.67	117	16274	5.024	ug/l #	17
49) 1,4-Dioxane	7.77	88	19	0.285	ug/l #	1
56) Ethyl methacrylate	9.19	69	57	2.876	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.31	63	168	14.321	ug/l #	49
70) Styrene	10.72	104	290	2.180	ug/l	96
74) N-ethyl acetate	10.90	43	222	1.791	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	66888	20.875	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	343	Below Cal		83
81) trans-1,4-Dichloro-2-buten	11.14	75	66888	56.658	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	386	Below Cal		88
93) 1,2,4-Trichlorobenzene	13.65	180	930	0.260	ug/l	86
94) Hexachlorobutadiene	13.79	225	774	0.417	ug/l	99
95) Naphthalene	13.84	128	1611	0.853	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

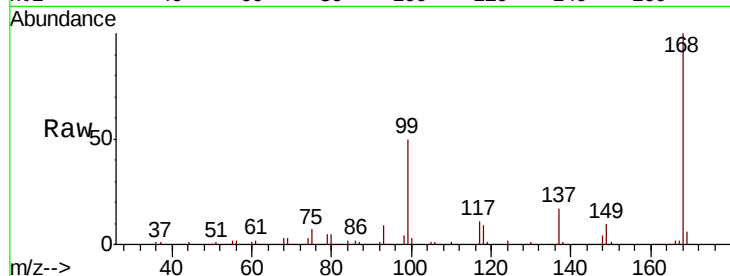
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 172507

Ion Ratio Lower Upper

168 100

99 50.0 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

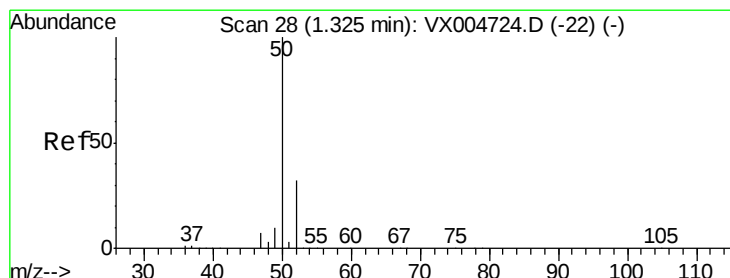
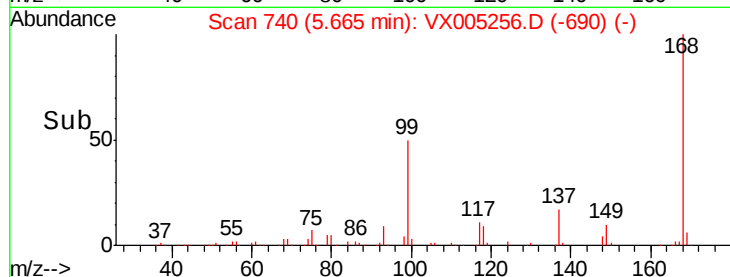
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.471 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005256.D

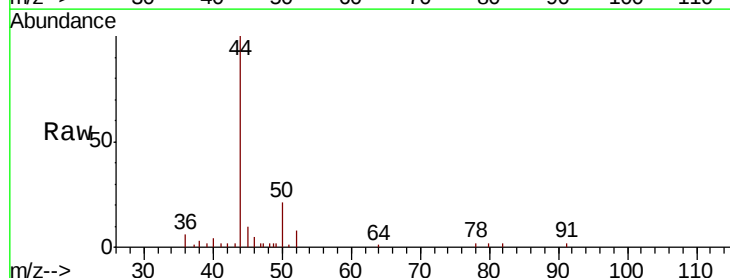
Acq: 11 Oct 2018 16:12

Tgt Ion: 50 Resp: 1345

Ion Ratio Lower Upper

50 100

52 36.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1000

800

600

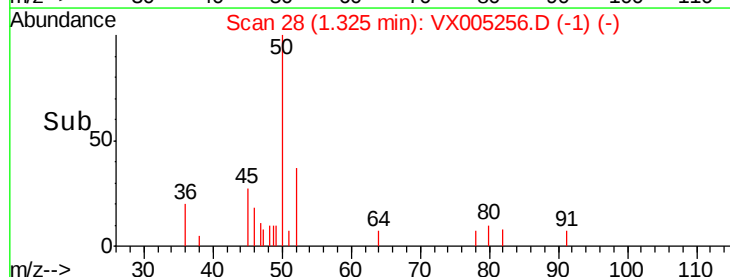
400

200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 1.409 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

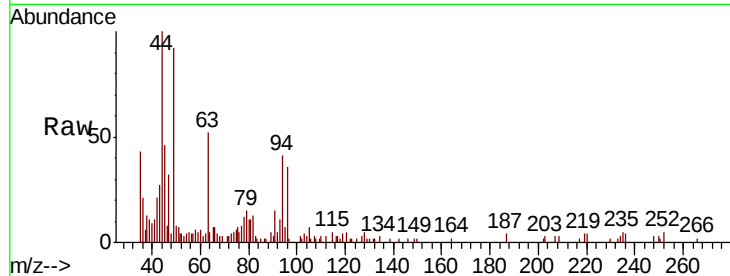
ClientSampled :

Tot Ion: 94 Resp: 2236

Ion Ratio Lower Upper

94 100

96 88.2 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

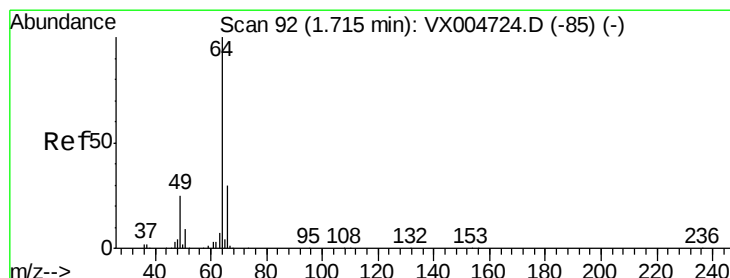
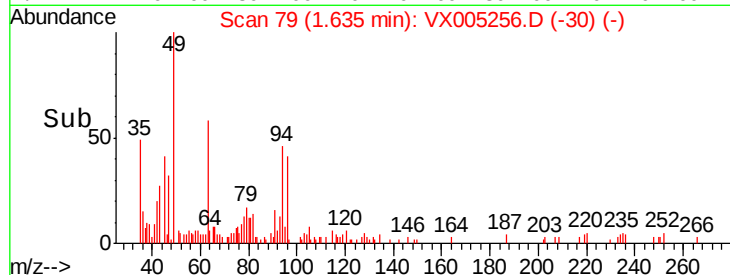
1000

500

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: Below Cal

RT: 1.79 min Scan# 104

Delta R.T. 0.07 min

Lab File: VX005256.D

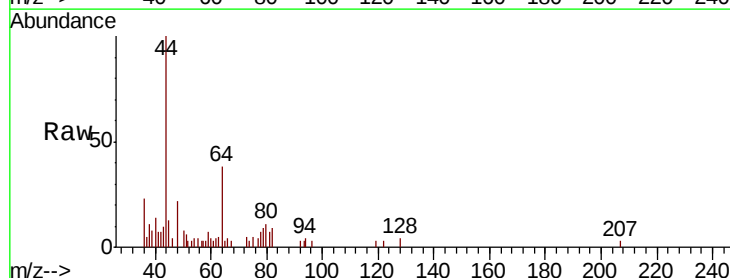
Acq: 11 Oct 2018 16:12

Tgt Ion: 64 Resp: 2191

Ion Ratio Lower Upper

64 100

66 1.5 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.79

800

600

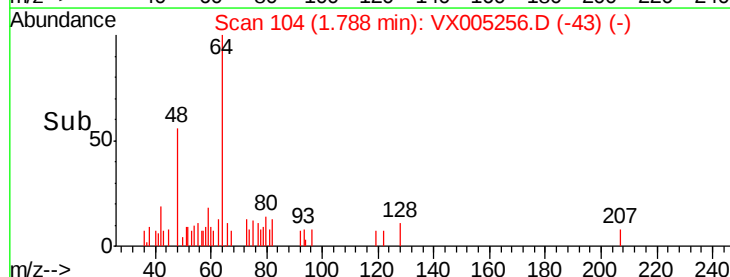
400

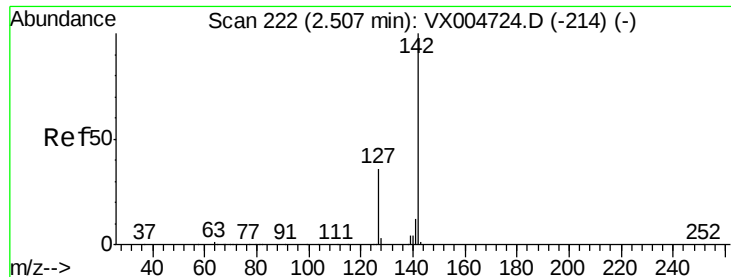
200

0

Time-->

1.65 1.70 1.75 1.80

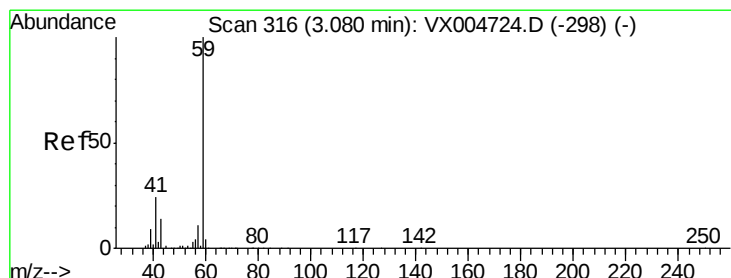
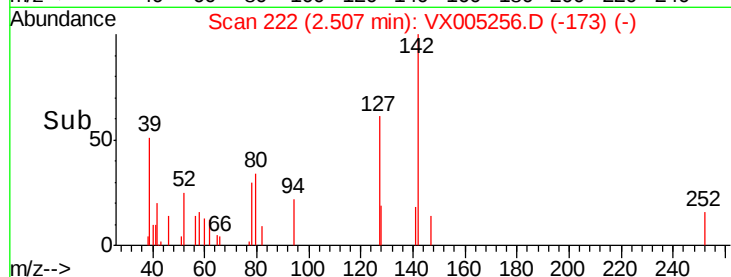
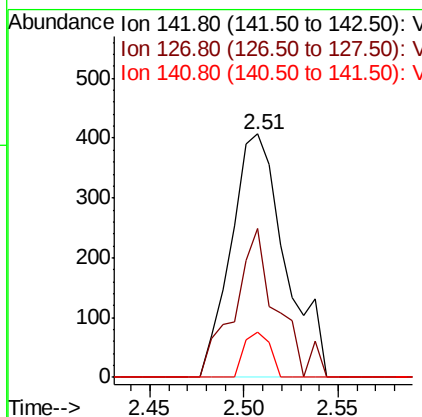
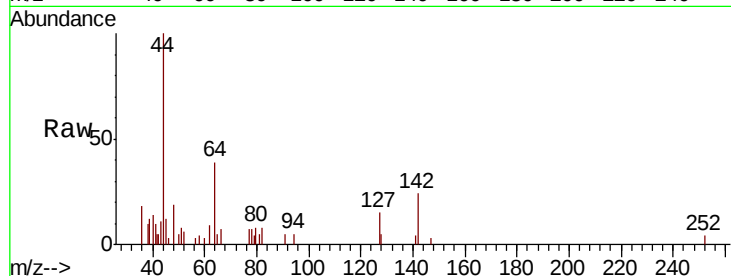




#10
Methvl Iodide
Concen: 0.321 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

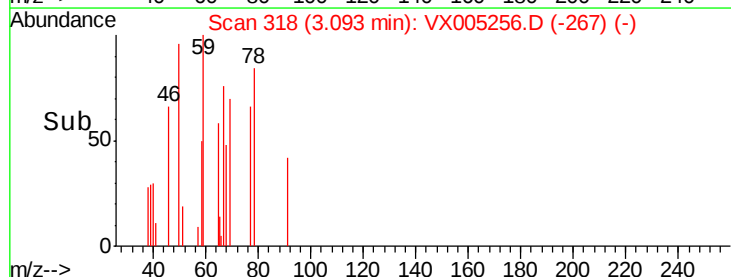
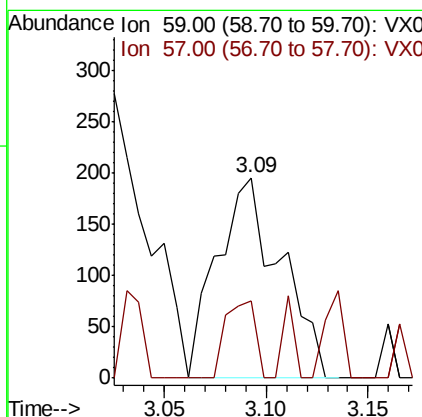
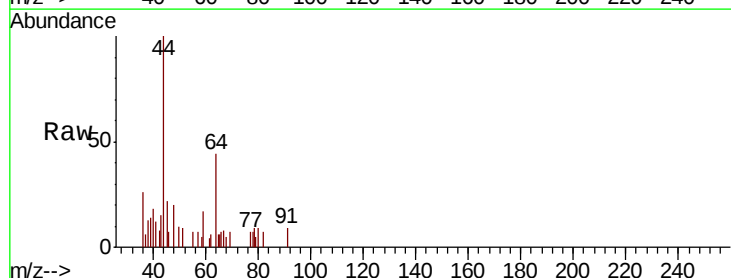
Instrument :
MSVOA_X
ClientSampleId :

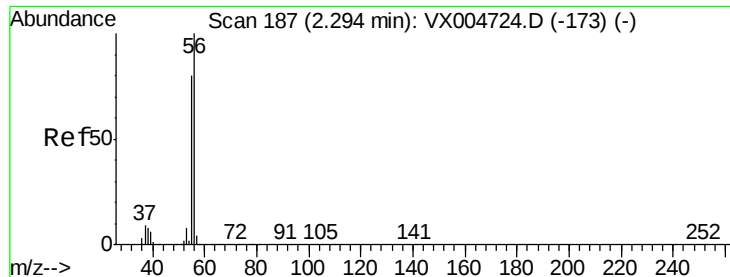
Tot Ion:142 Resp: 810
Ion Ratio Lower Upper
142 100
127 48.5 30.1 45.1#
141 8.8 10.1 15.1#



#11
Tert butyl alcohol
Concen: 0.610 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 59 Resp: 420
Ion Ratio Lower Upper
59 100
57 17.9 8.6 12.8#

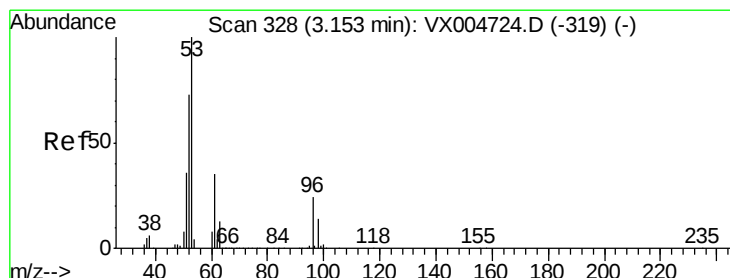
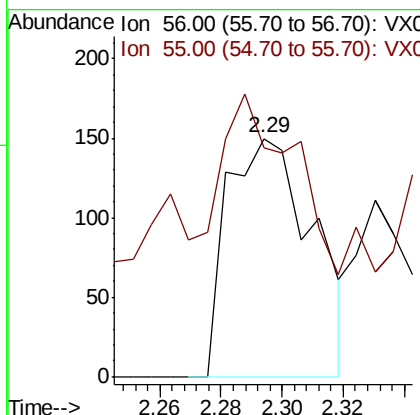
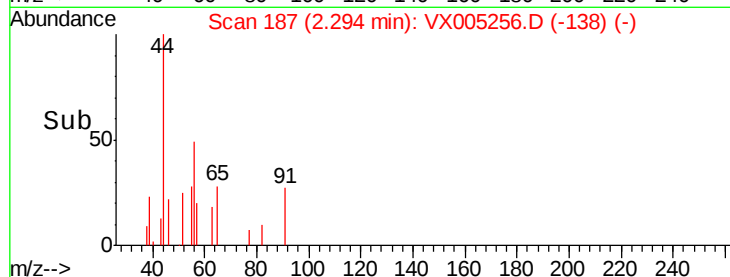
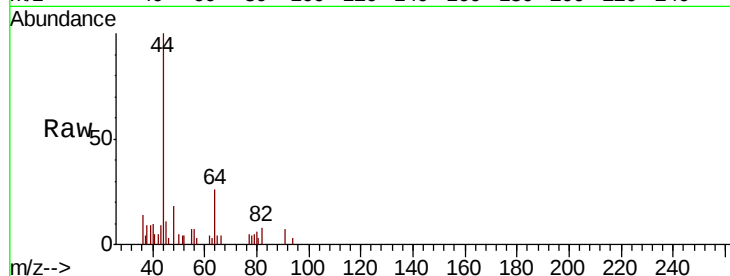




#13
Acrolein
Concen: 0.594 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

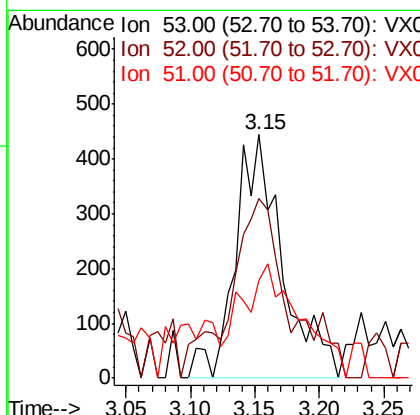
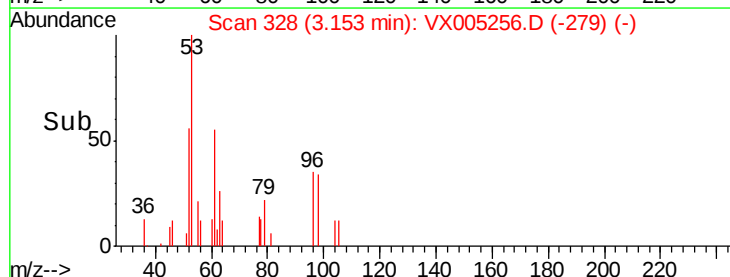
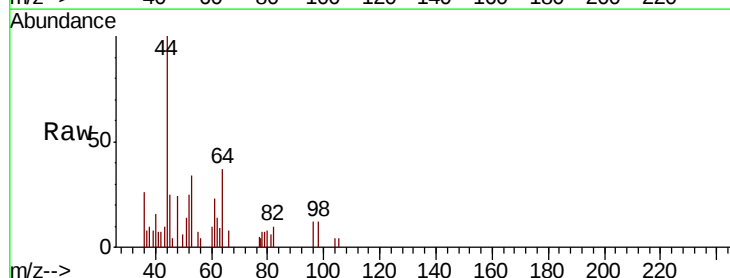
Instrument :
MSVOA_X
ClientSampleId :

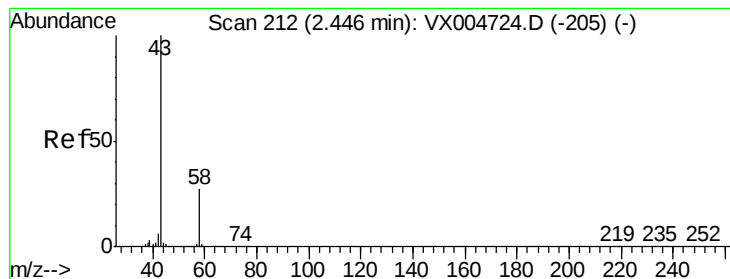
Tot Ion: 56 Resp: 291
Ion Ratio Lower Upper
56 100
55 107.2 63.4 95.2#



#15
Acrylonitrile
Concen: 0.741 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 53 Resp: 1124
Ion Ratio Lower Upper
53 100
52 84.3 63.0 94.4
51 59.1 28.6 42.8#





#16

Acetone

Concen: 0.626 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

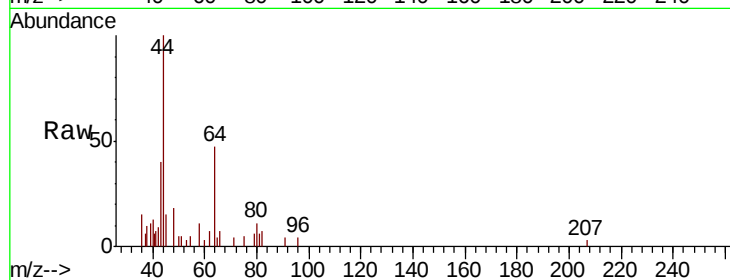
ClientSampleId :

Tot Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

58 34.8 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

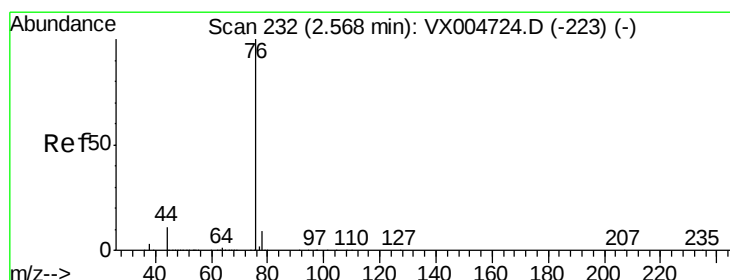
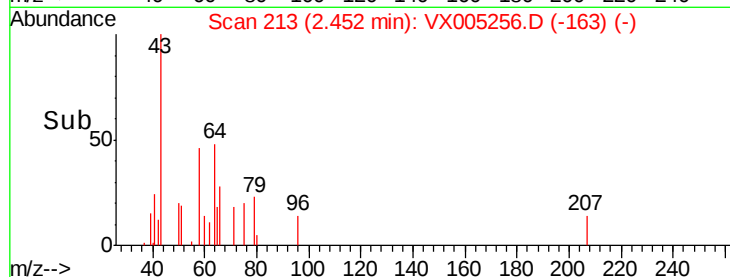
600

400

200

0

Time-->



#17

Carbon Disulfide

Concen: 0.364 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005256.D

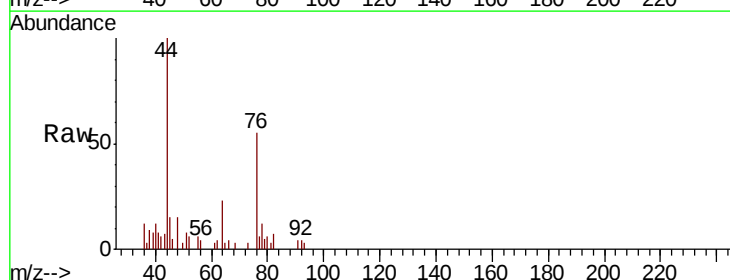
Acq: 11 Oct 2018 16:12

Tgt Ion: 76 Resp: 2047

Ion Ratio Lower Upper

76 100

78 15.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

1200

1000

800

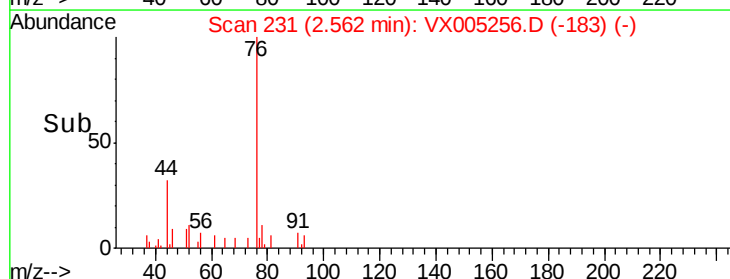
600

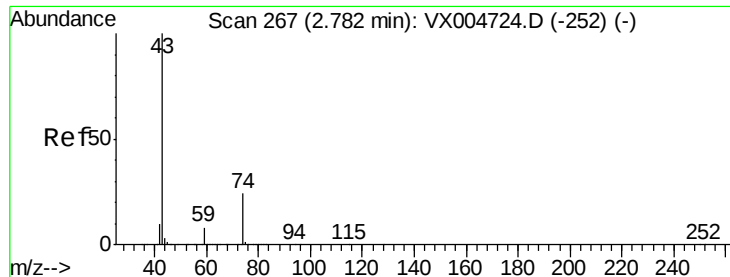
400

200

0

Time-->

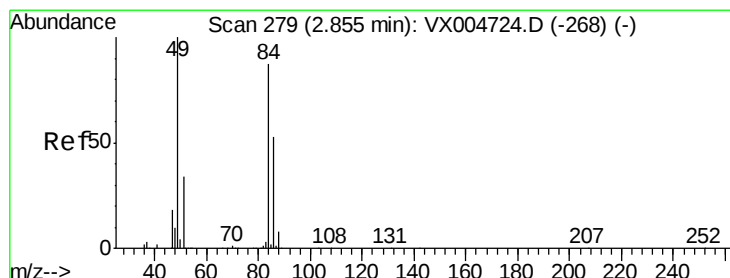
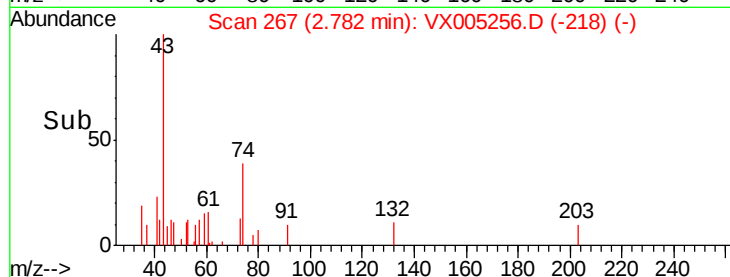
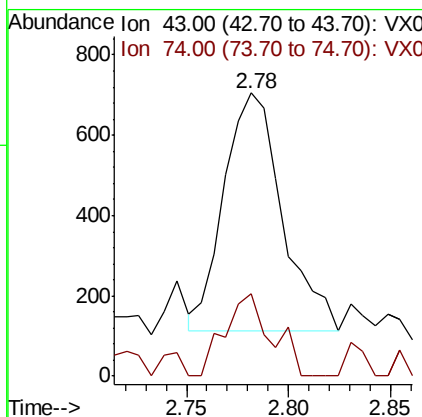
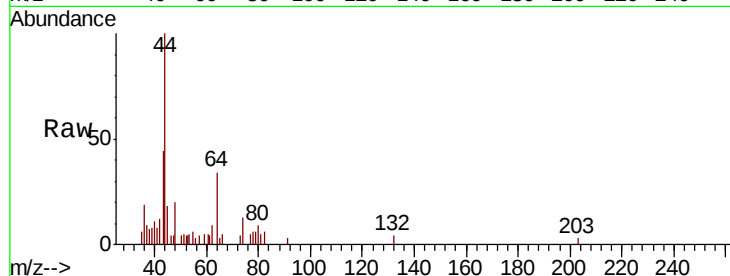




#18
Methyl Acetate
Concen: 0.323 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

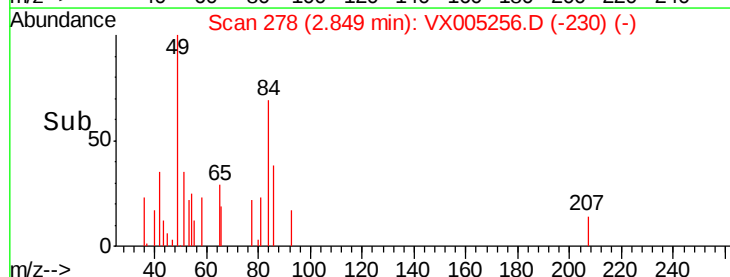
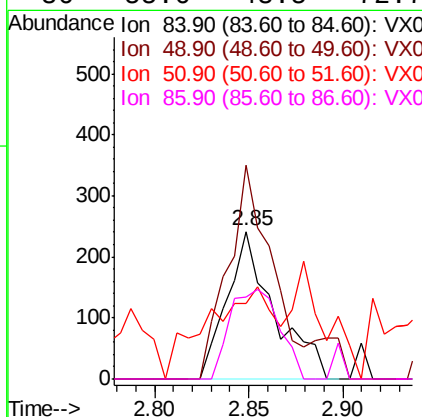
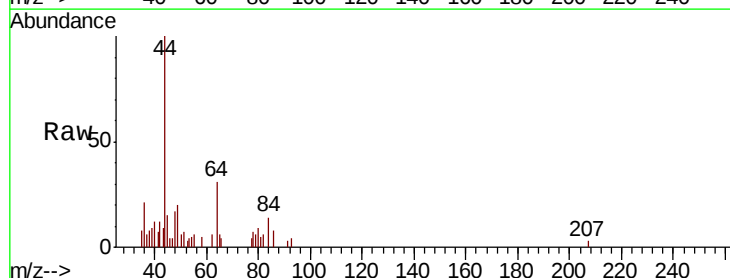
Instrument :
MSVOA_X
ClientSampleId :

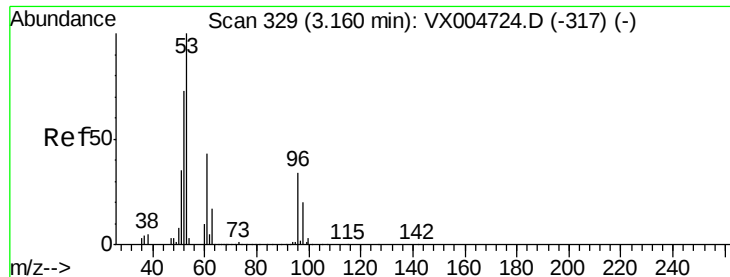
Tot Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
74 27.6 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 84 Resp: 416
Ion Ratio Lower Upper
84 100
49 145.2 92.3 138.5#
51 23.7 31.8 47.6#
86 55.6 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 0.220 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

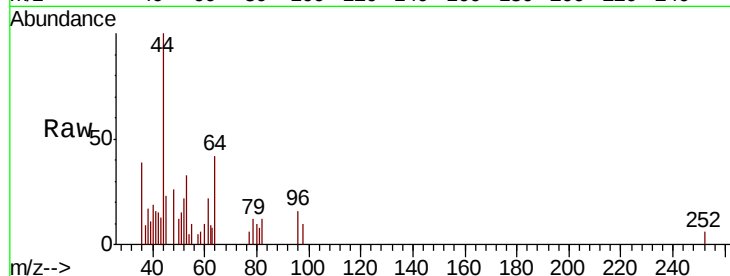
Tot Ion: 96 Resp: 451

Ion Ratio Lower Upper

96 100

61 95.2 101.0 151.6#

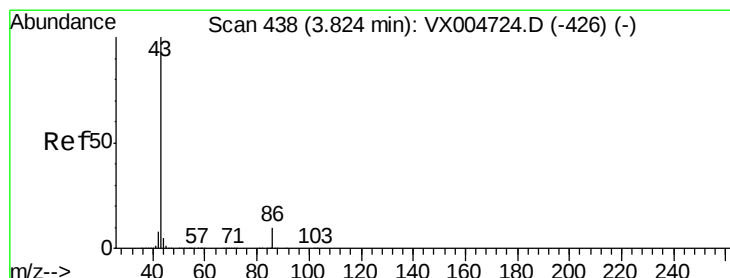
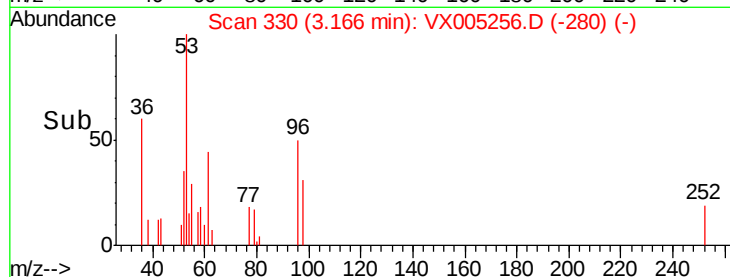
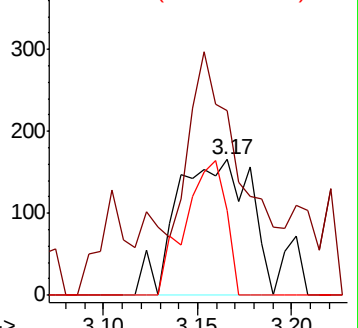
98 62.0 47.2 70.8



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



#23

Vinyl Acetate

Concen: 0.221 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005256.D

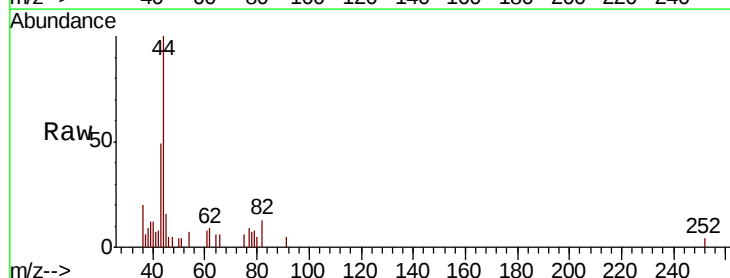
Acq: 11 Oct 2018 16:12

Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

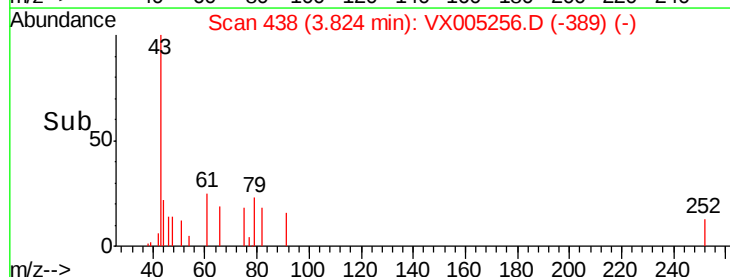
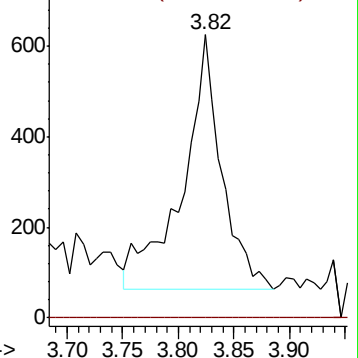
43 100

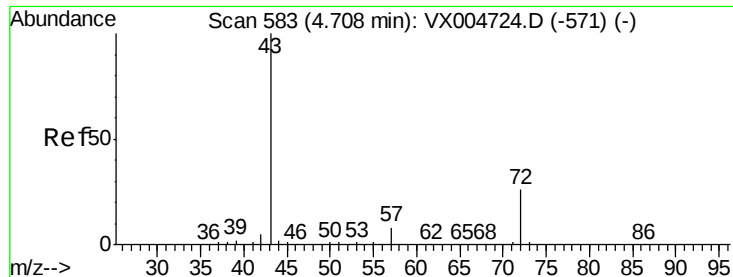
86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 0.383 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

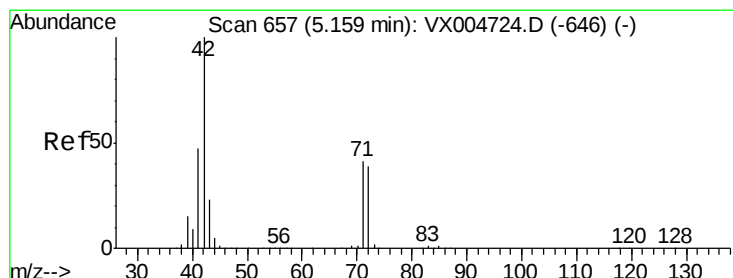
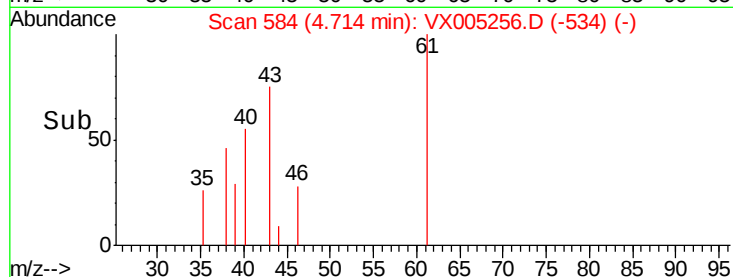
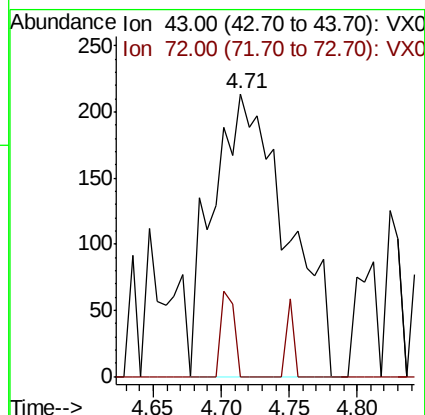
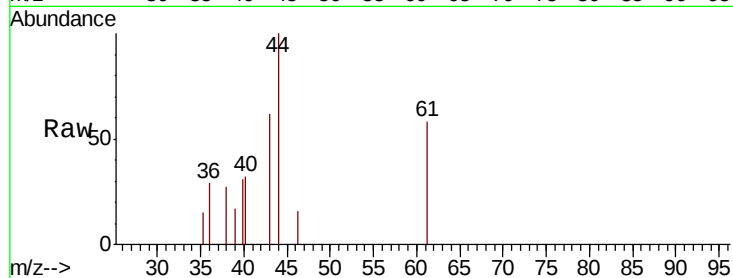
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 812

Ion Ratio Lower Upper

43 100

72 0.0 20.8 31.2#



#29

Tetrahydrofuran

Concen: 0.668 ug/l

RT: 5.18 min Scan# 661

Delta R.T. 0.02 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

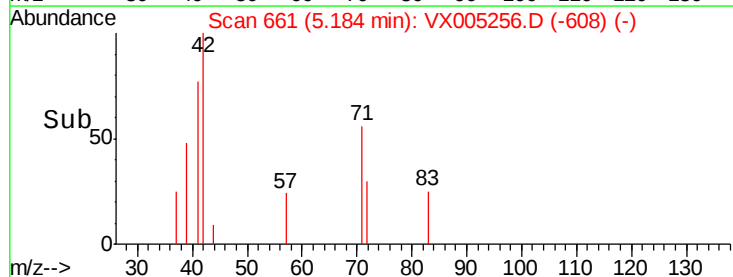
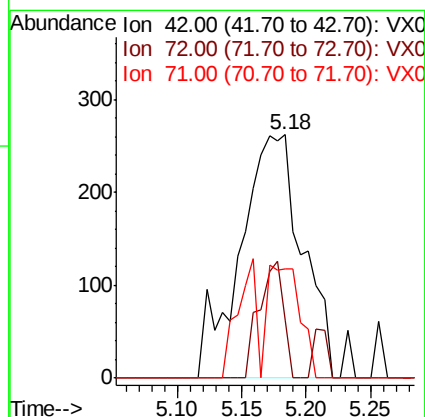
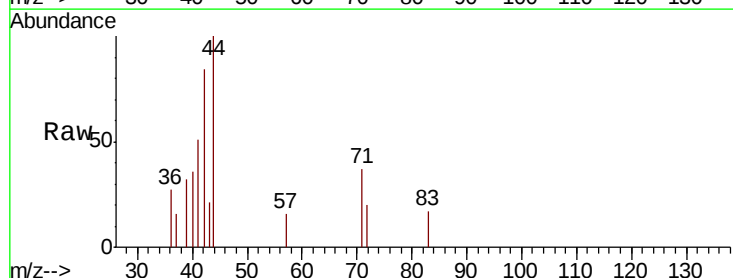
Tgt Ion: 42 Resp: 880

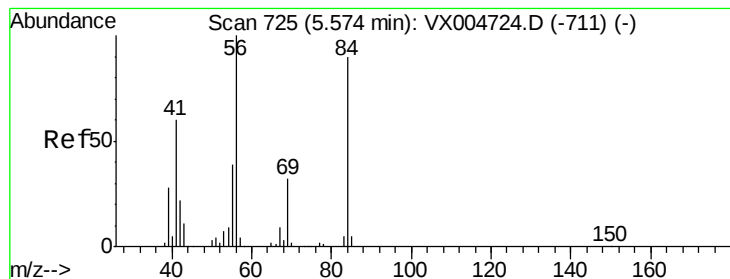
Ion Ratio Lower Upper

42 100

72 18.6 33.7 50.5#

71 24.3 32.2 48.4#





#31

Cyclohexane

Concen: 1.051 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

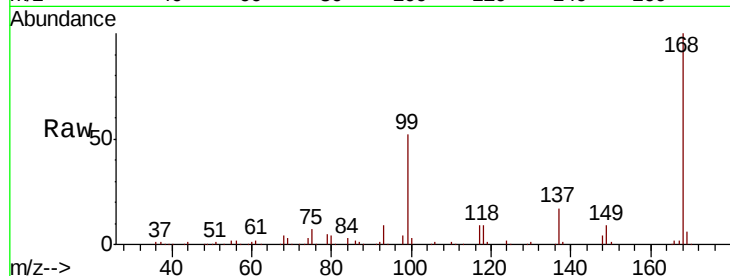
Tot Ion: 56 Resp: 3296

Ion Ratio Lower Upper

56 100

69 173.2 25.9 38.9#

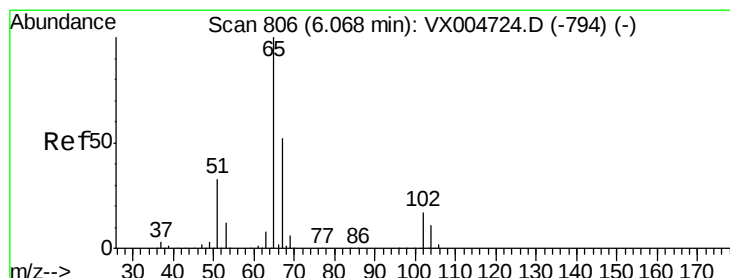
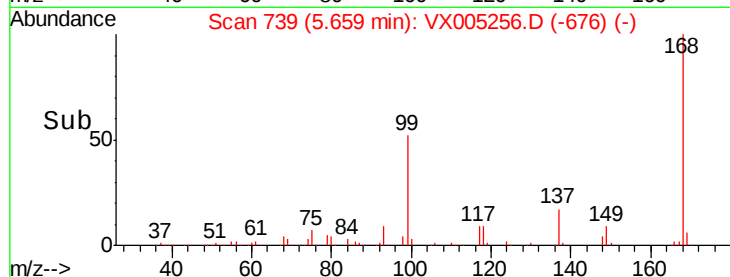
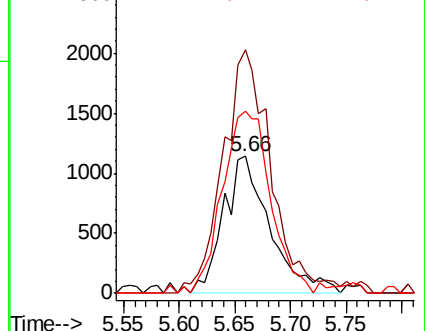
84 133.6 71.9 107.9#



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



#33

1,2-Dichloroethane-d4

Concen: 51.836 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005256.D

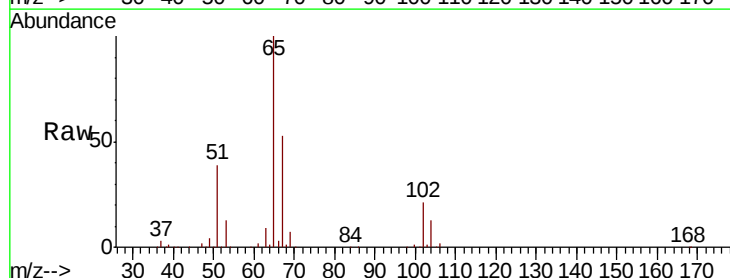
Acq: 11 Oct 2018 16:12

Tgt Ion: 65 Resp: 127739

Ion Ratio Lower Upper

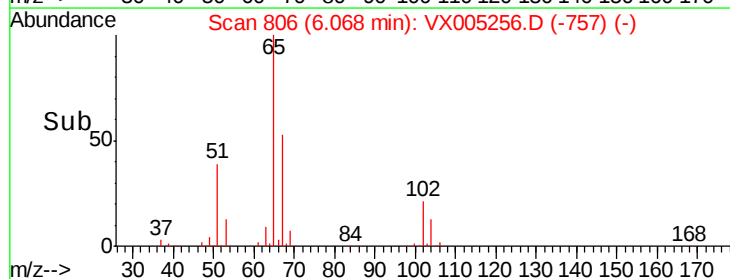
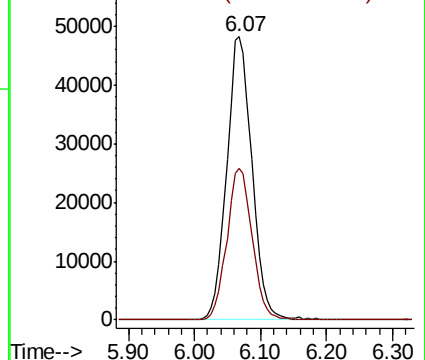
65 100

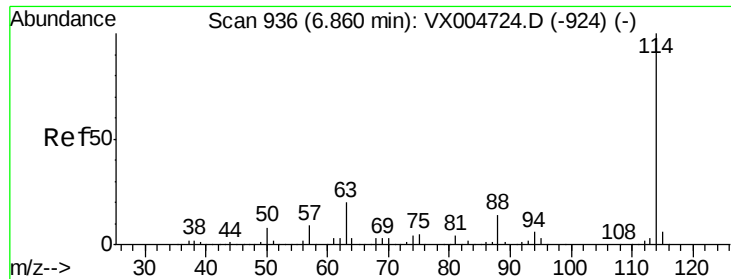
67 53.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

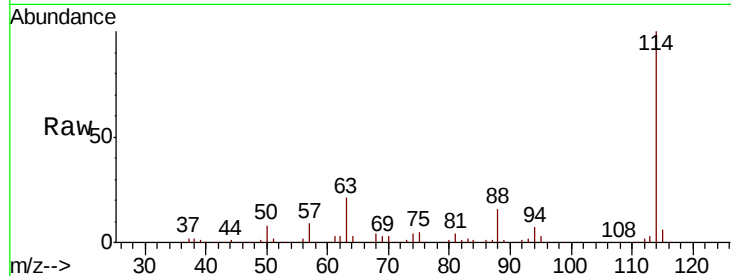




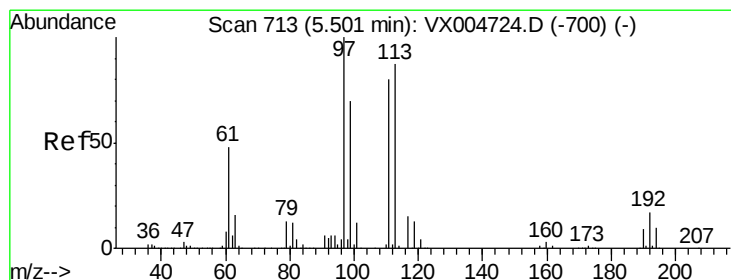
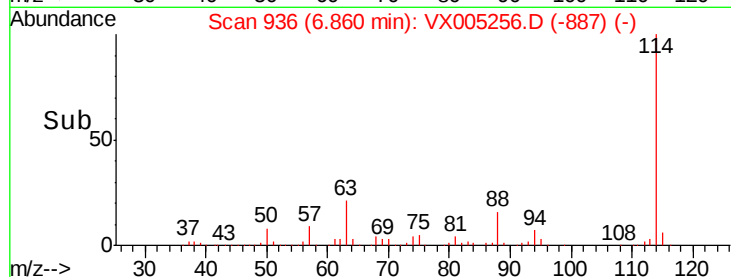
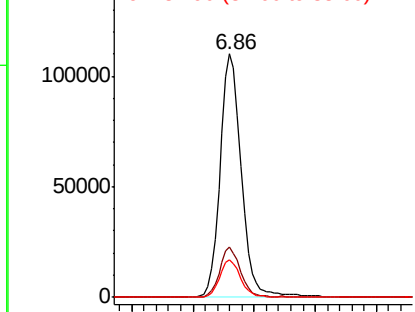
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005256.D
 Acq: 11 Oct 2018 16:12

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 266513
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.8
 88 15.6 0.0 27.0

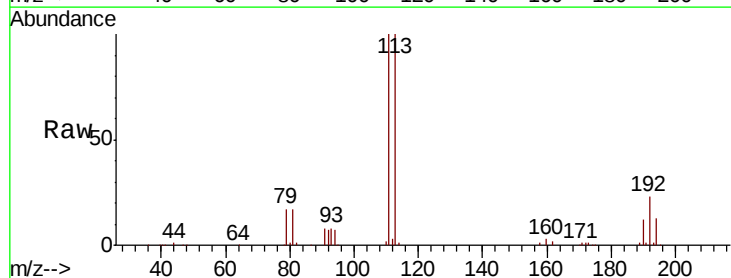


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

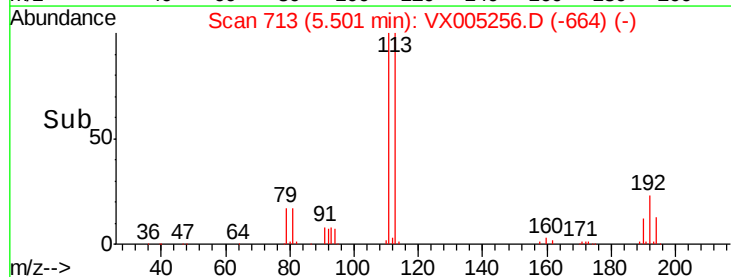
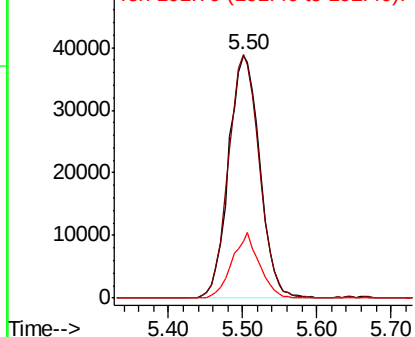


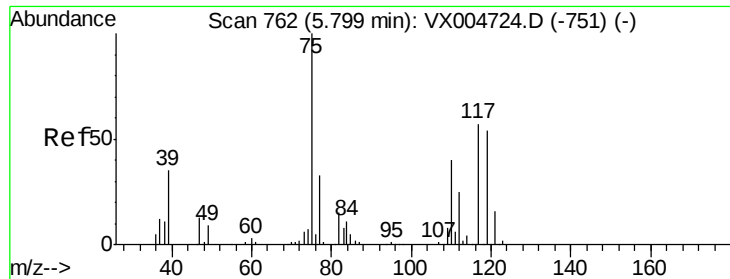
#35
 Dibromofluoromethane
 Concen: 50.280 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX005256.D
 Acq: 11 Oct 2018 16:12

Tgt Ion:113 Resp: 113570
 Ion Ratio Lower Upper
 113 100
 111 99.5 77.0 115.4
 192 23.6 17.0 25.6



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: 3.821 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

ClientSampled :

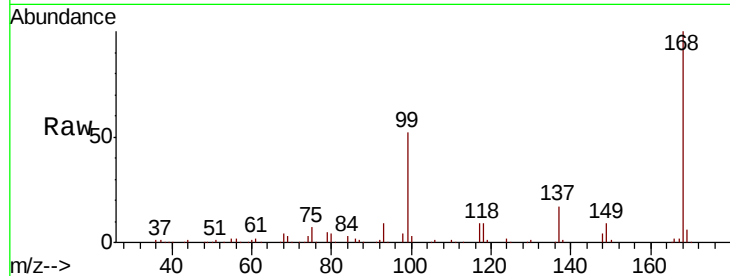
Tot Ion: 75 Resp: 11776

Ion Ratio Lower Upper

75 100

110 9.1 20.0 59.9#

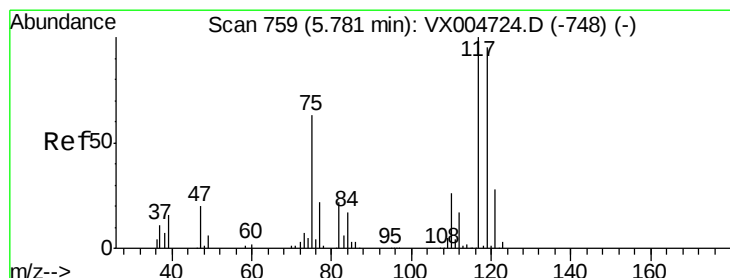
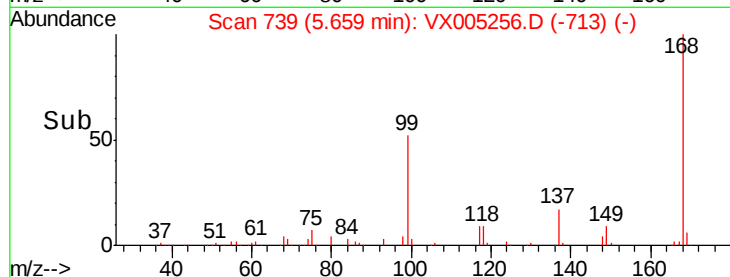
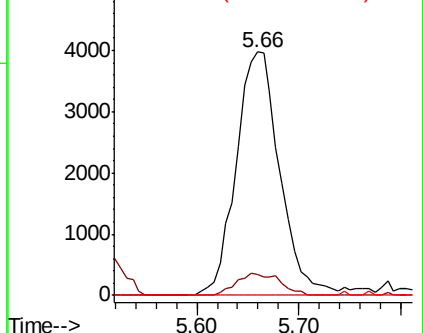
77 0.0 27.1 40.7#



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



#38

Carbon Tetrachloride

Concen: 5.024 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

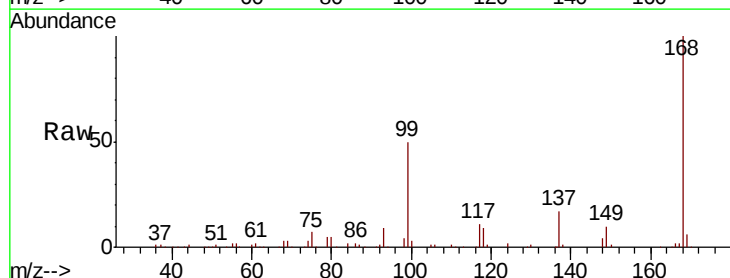
Tgt Ion: 117 Resp: 16274

Ion Ratio Lower Upper

117 100

119 5.8 75.2 112.8#

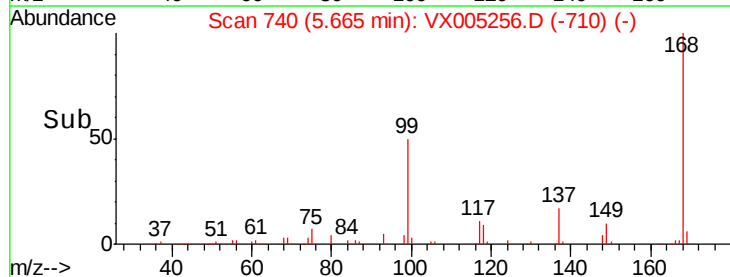
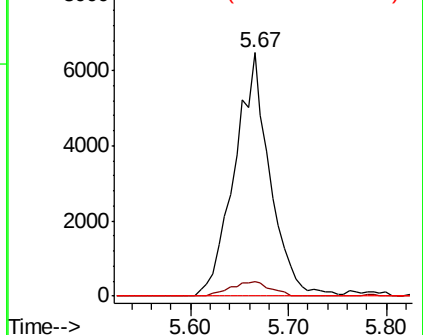
121 0.0 22.5 33.7#

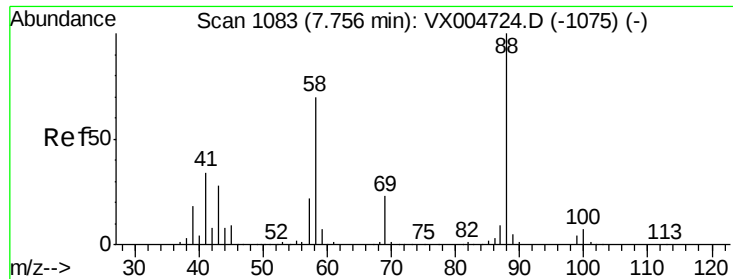


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

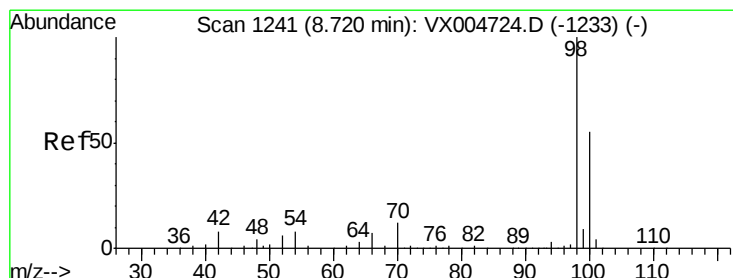
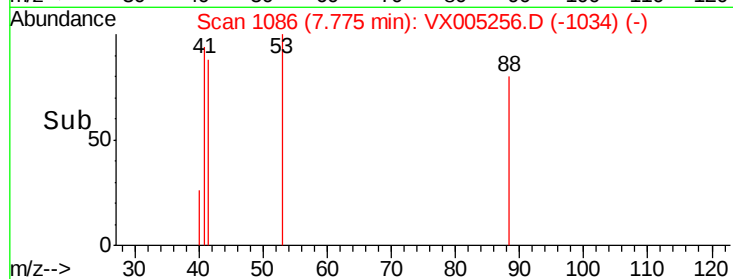
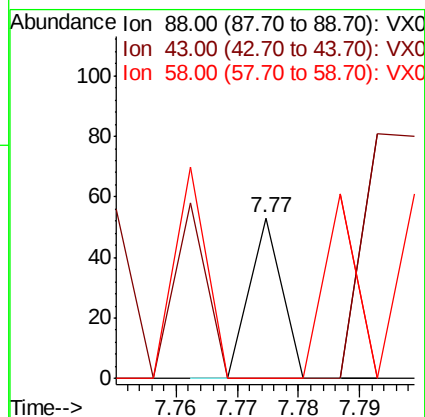
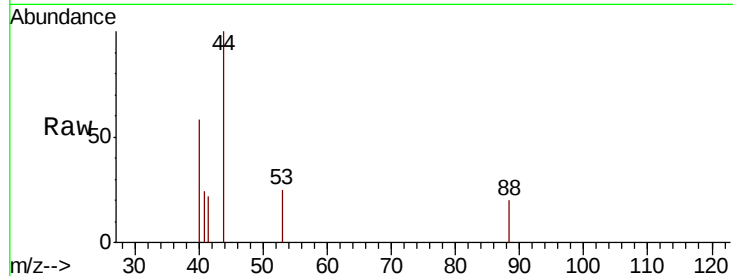




#49
1,4-Dioxane
Concen: 0.285 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

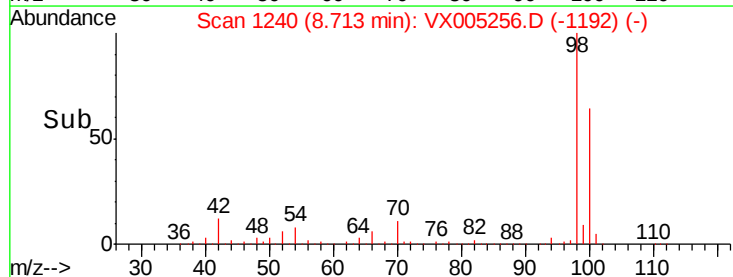
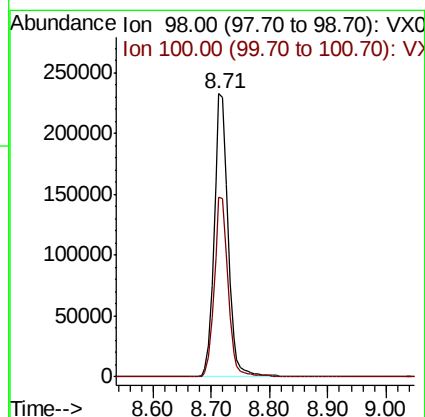
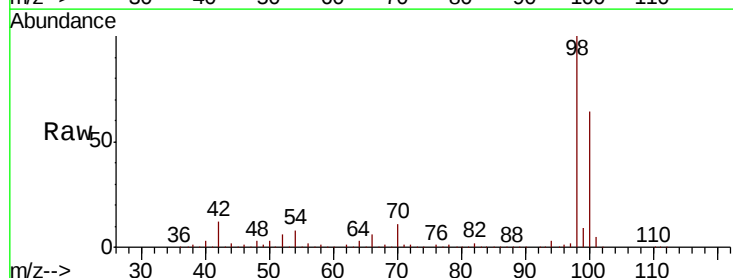
Instrument :
MSVOA_X
ClientSampled :

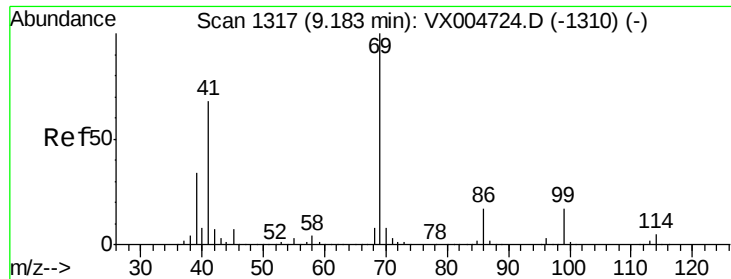
Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 221.1 25.1 37.7#
58 136.8 56.2 84.2#



#50
Toluene-d8
Concen: 51.282 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion: 98 Resp: 385081
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

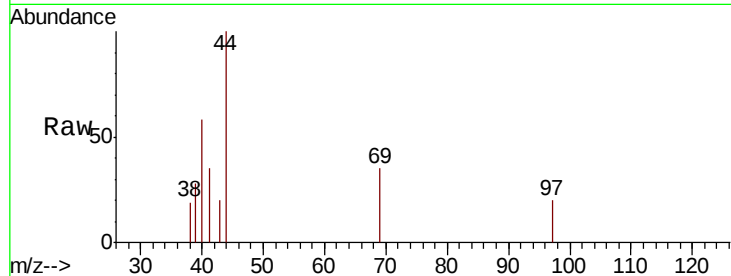




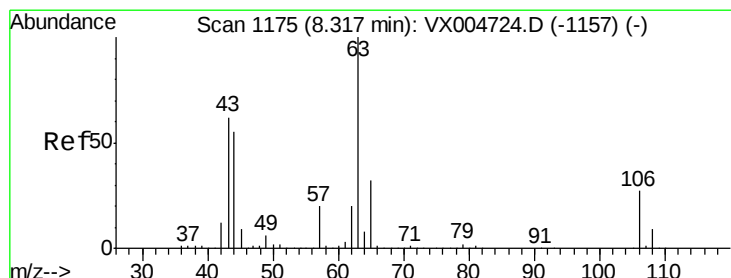
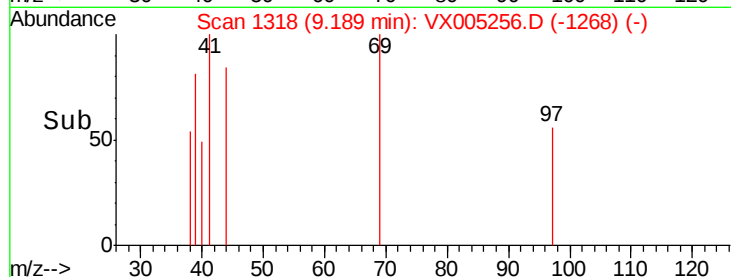
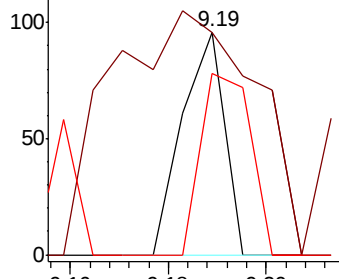
#56
 Ethyl methacrylate
 Concen: 2.876 ug/l
 RT: 9.19 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: VX005256.D
 Acq: 11 Oct 2018 16:12

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 69 Resp: 57
 Ion Ratio Lower Upper
 69 100
 41 415.8 56.9 85.3#
 39 96.5 28.4 42.6#

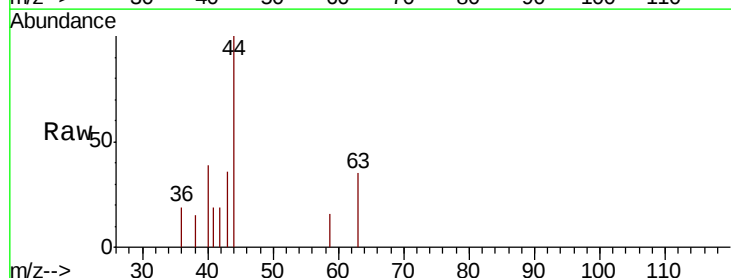


Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

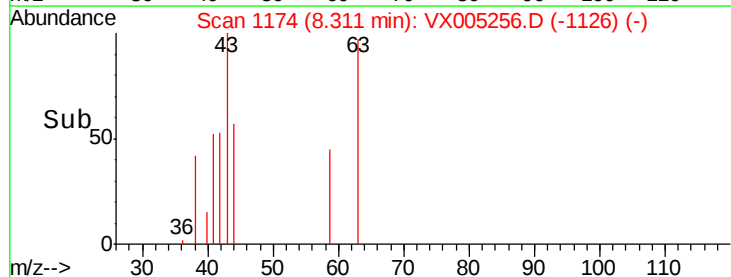
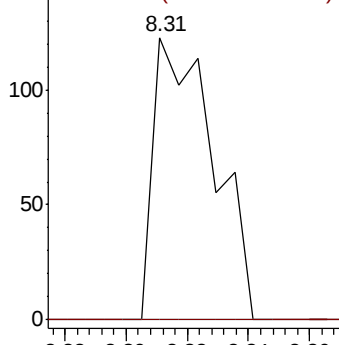


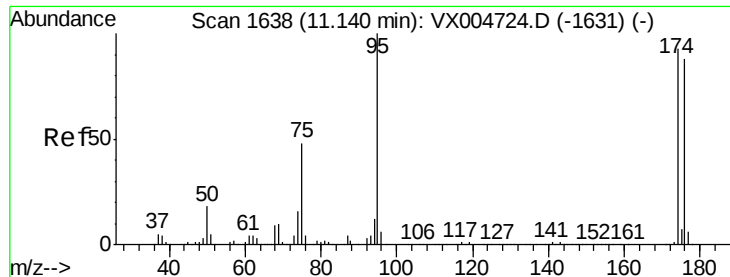
#58
 2-Chloroethyl Vinyl ether
 Concen: 14.321 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX005256.D
 Acq: 11 Oct 2018 16:12

Tgt Ion: 63 Resp: 168
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 105.90 (105.60 to 106.60): V

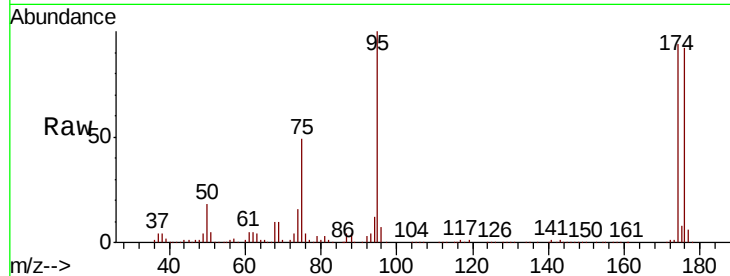




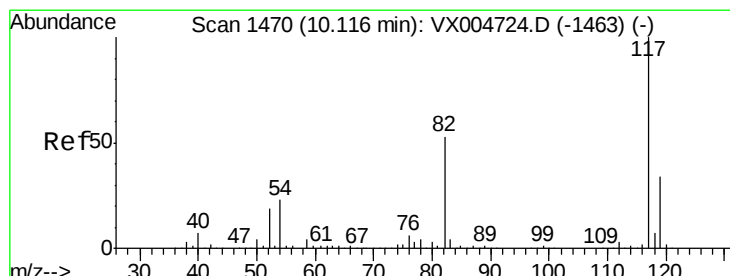
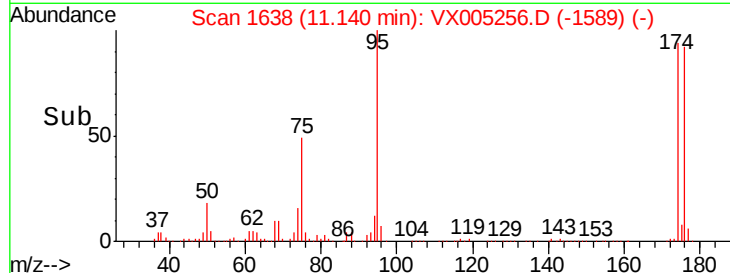
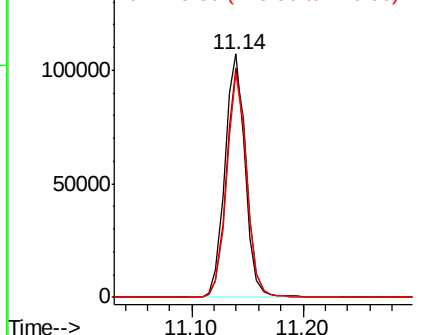
#62
4-Bromofluorobenzene
Concen: 49.510 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	95	Resp	133935
Ion Ratio	Lower	Upper	
95	100		
174	95.4	0.0	185.0
176	91.1	0.0	180.2

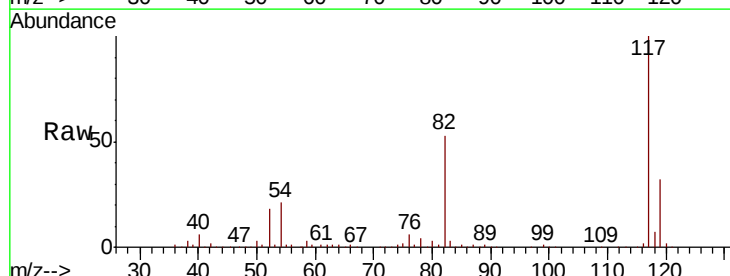


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

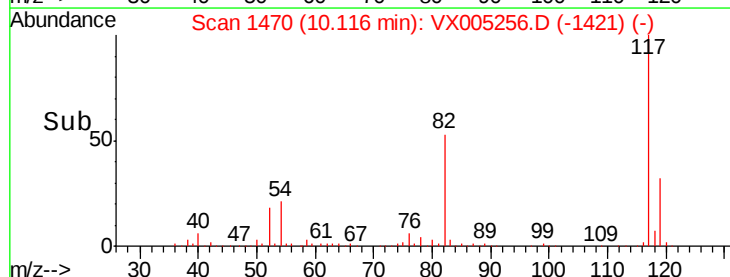
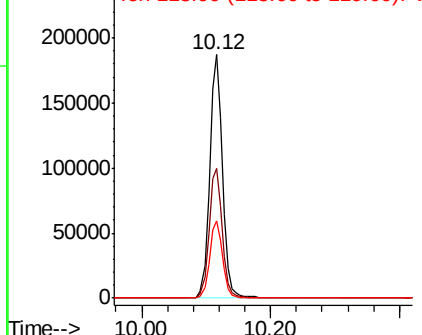


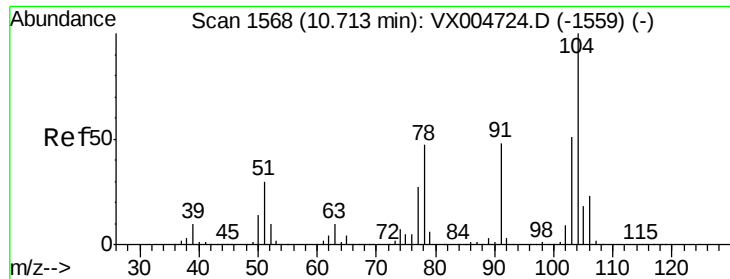
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion	117	Resp	259577
Ion Ratio	Lower	Upper	
117	100		
82	53.5	42.2	63.4
119	31.7	27.4	41.0



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

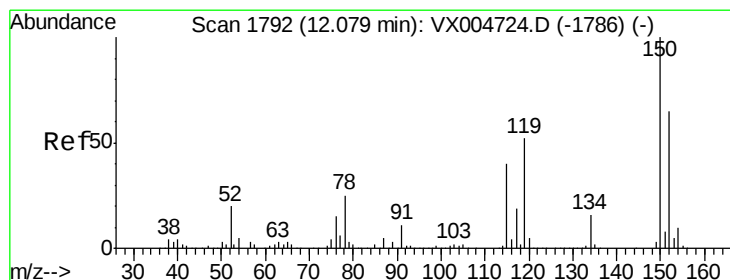
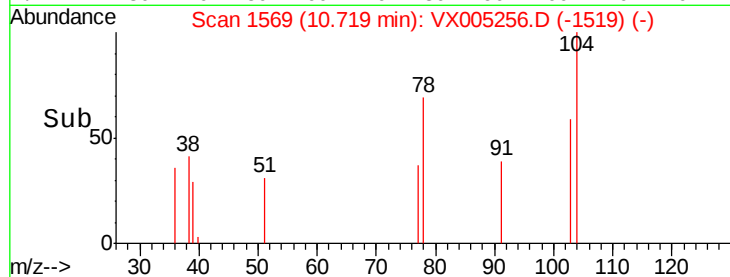
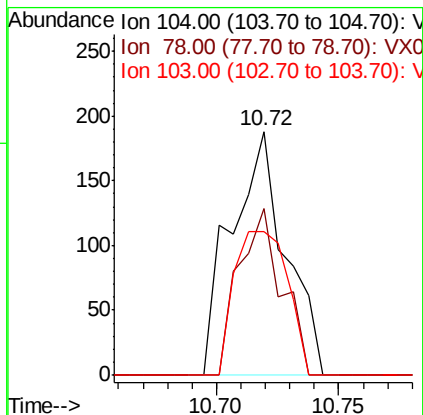
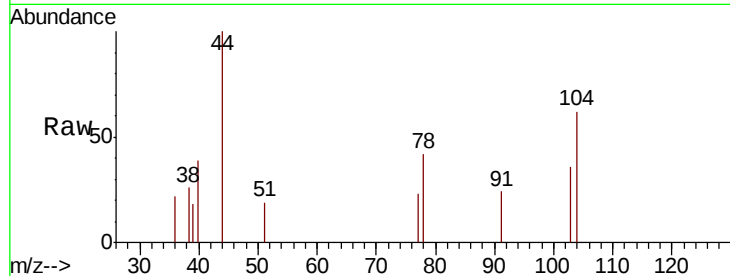




#70
Stvrene
Concen: 2.180 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

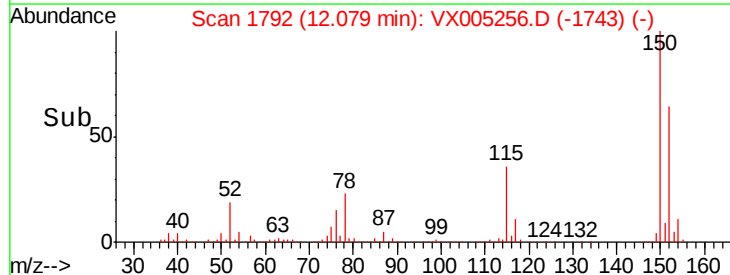
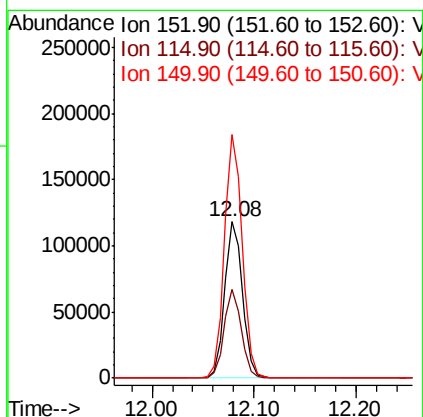
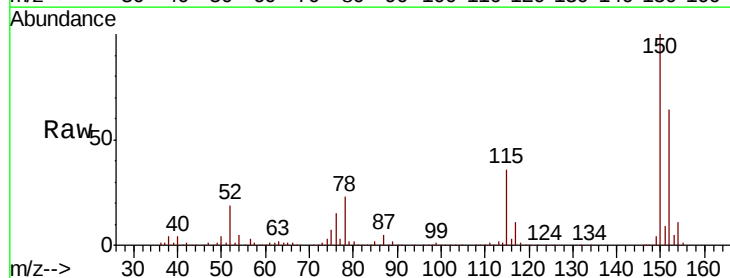
Instrument :
MSVOA_X
ClientSampled :

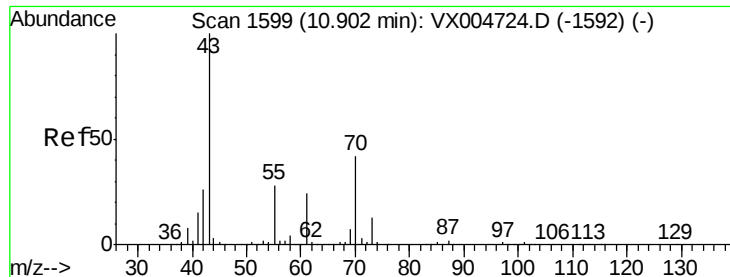
Tot Ion:104 Resp: 290
Ion Ratio Lower Upper
104 100
78 53.8 40.0 60.0
103 57.9 44.3 66.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005256.D
Acq: 11 Oct 2018 16:12

Tgt Ion:152 Resp: 142960
Ion Ratio Lower Upper
152 100
115 55.6 40.2 120.6
150 156.5 0.0 351.0





#74

N-amvl acetate

Concen: 1.791 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 222

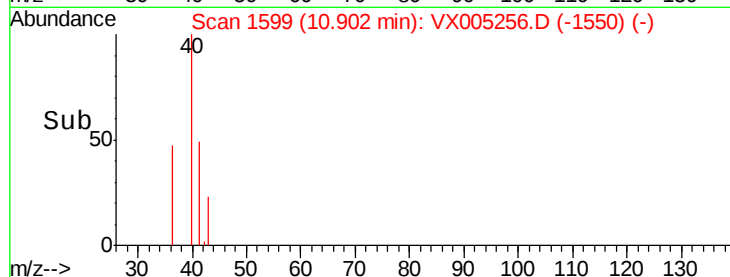
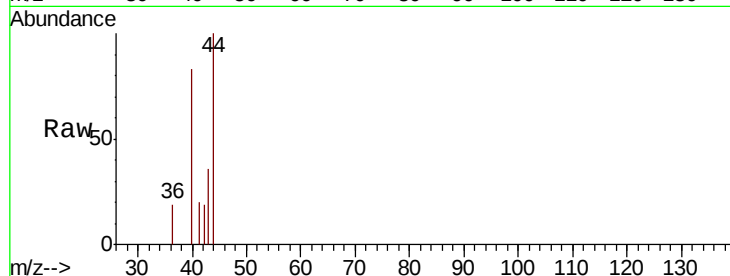
Ion Ratio Lower Upper

43 100

70 0.0 32.6 48.8#

55 18.0 21.6 32.4#

61 0.0 19.1 28.7#

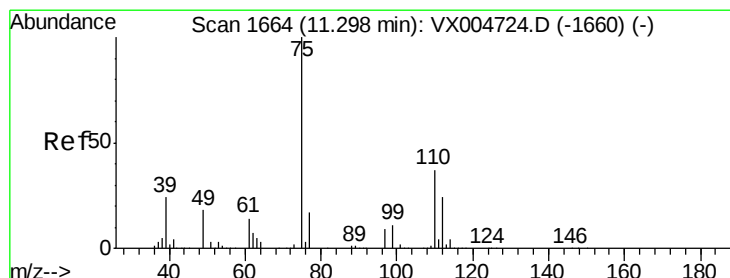
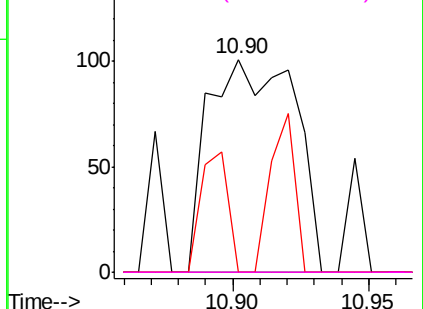


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 20.875 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005256.D

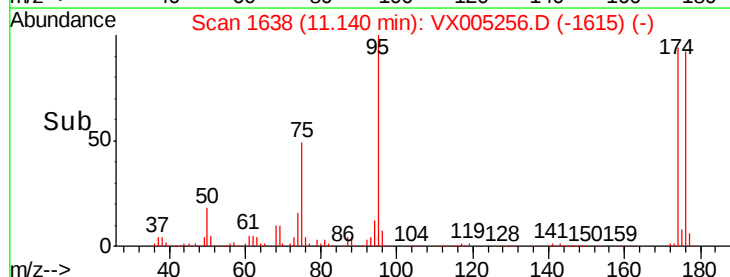
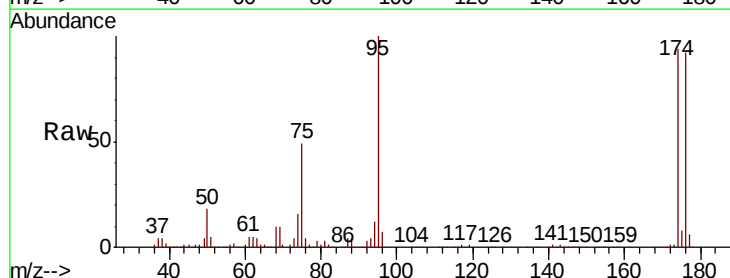
Acq: 11 Oct 2018 16:12

Tgt Ion: 75 Resp: 66888

Ion Ratio Lower Upper

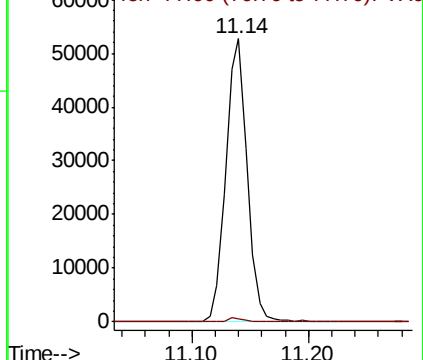
75 100

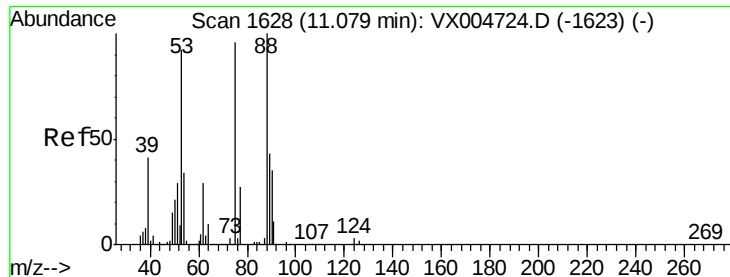
77 1.3 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 56.658 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

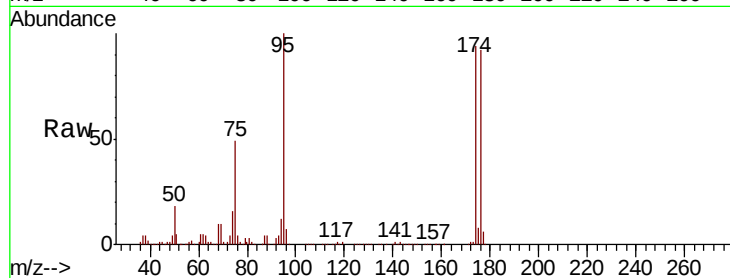
Tot Ion: 75 Resp: 66888

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.4#

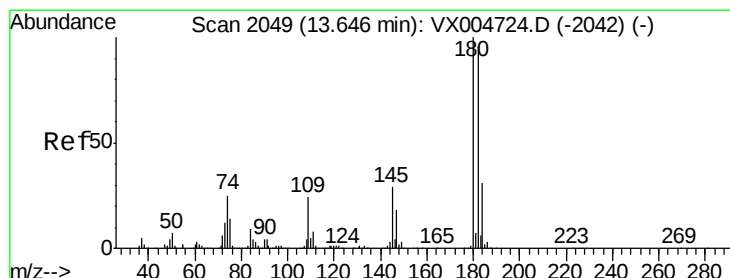
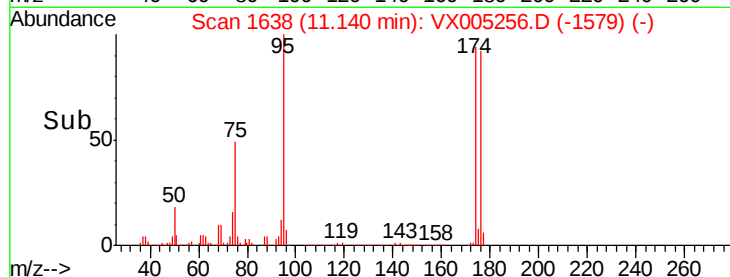
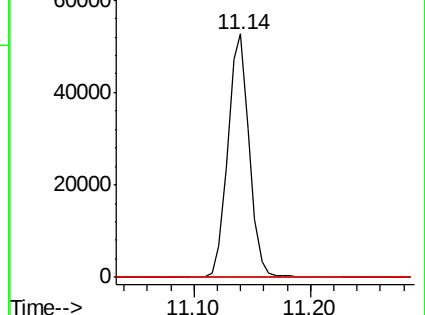
89 0.1 37.1 55.7#



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



#93

1,2,4-Trichlorobenzene

Concen: 0.260 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

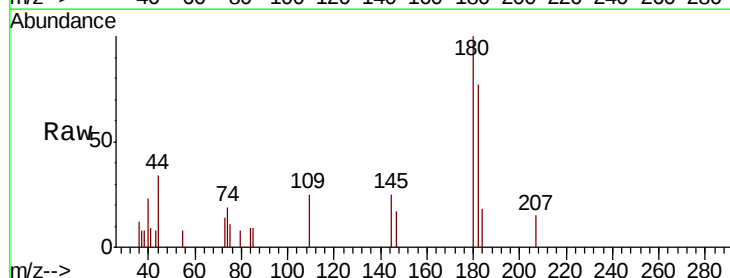
Tgt Ion:180 Resp: 930

Ion Ratio Lower Upper

180 100

182 80.2 47.8 143.4

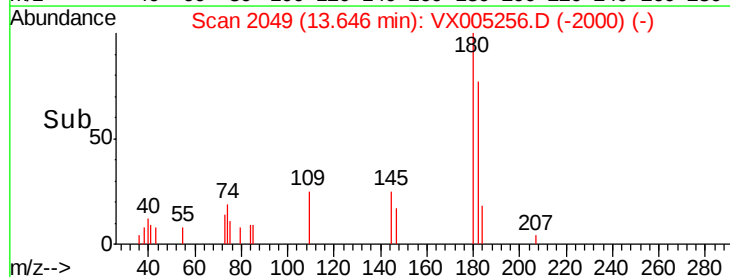
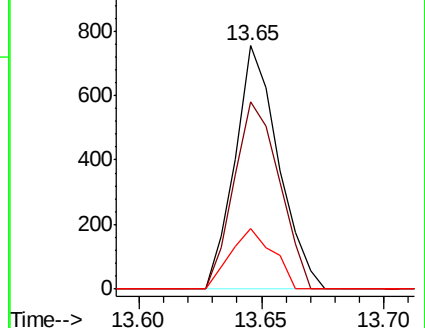
145 24.3 14.1 42.4

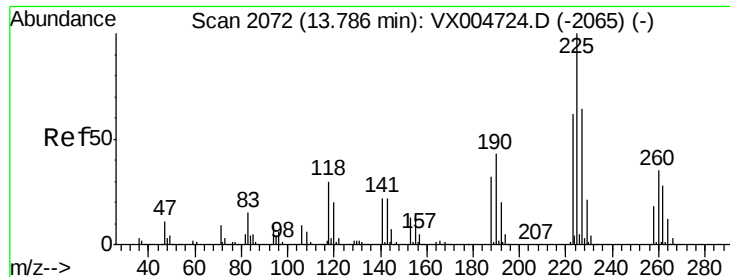


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.417 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

Instrument :

MSVOA_X

ClientSampleId :

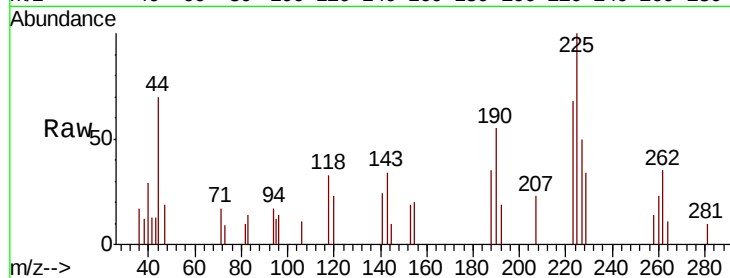
Tot Ion:225 Resp: 774

Ion Ratio Lower Upper

225 100

223 63.8 31.3 93.8

227 63.0 31.9 95.5

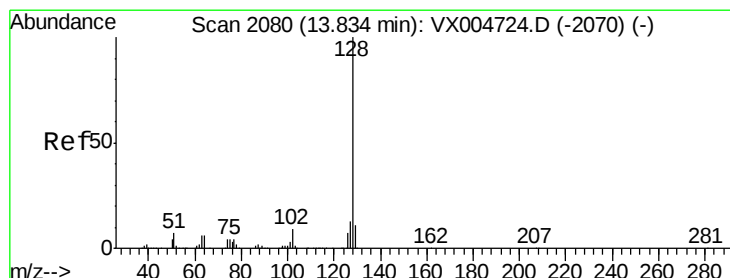
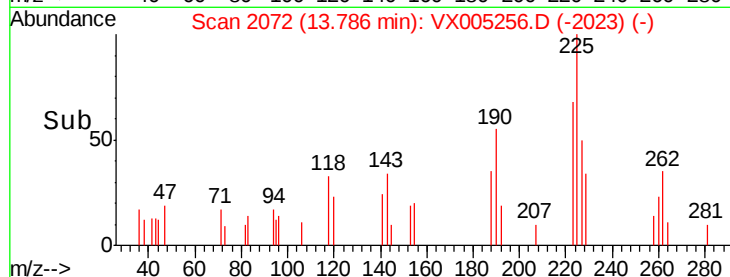
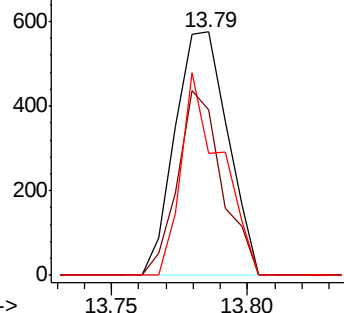


Abundance

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: 0.853 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX005256.D

Acq: 11 Oct 2018 16:12

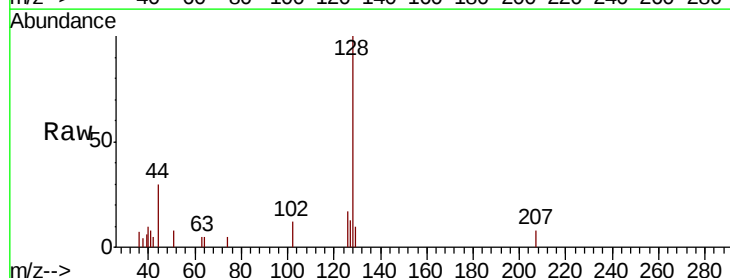
Tgt Ion:128 Resp: 1611

Ion Ratio Lower Upper

128 100

127 11.2 10.4 15.6

129 11.9 8.7 13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

