

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011952.D
 Acq On : 31 Aug 2019 15:51
 Operator : SY/SP
 Sample : K4516-16
 Misc : 5.17g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B4-(2.5)

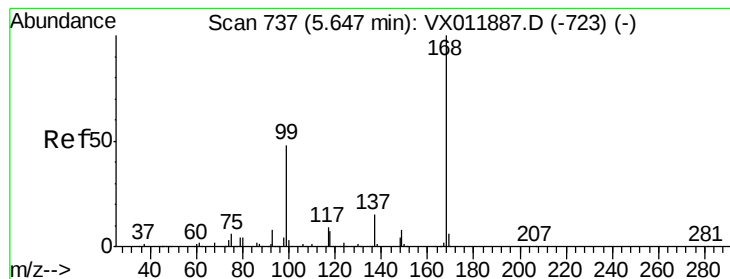
Quant Time: Sep 01 01:51:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	23335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	26952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	20092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	6807	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	8188	36.62	ug/l	0.01
Spiked Amount	50.000		Recovery	=	73.24%	
35) Dibromofluoromethane	5.49	113	6581	38.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.16%	
50) Toluene-d8	8.71	98	29179	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.13	95	8369	30.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.76%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.20	85	375	2.663	ug/l #	42
3) Chloromethane	1.32	50	382	2.340	ug/l #	53
4) Vinyl Chloride	1.42	62	164	1.052	ug/l #	44
5) Bromomethane	1.65	94	1018	9.437	ug/l #	64
8) Diethyl Ether	2.19	74	153	1.644	ug/l #	30
10) Methyl Iodide	2.52	142	1048	8.716	ug/l	91
11) Tert butyl alcohol	3.06	59	59	2.743	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	165	1.007	ug/l #	1
13) Acrolein	2.26	56	167	15.599	ug/l #	66
15) Acrylonitrile	3.13	53	134	2.622	ug/l #	3
16) Acetone	2.43	43	838	17.421	ug/l #	88
18) Methyl Acetate	2.78	43	146	1.096	ug/l #	53
20) Methylene Chloride	2.85	84	1278	1.459	ug/l #	83
25) 2-Butanone	4.65	43	93	1.327	ug/l #	49
31) Cyclohexane	5.56	56	404	1.447	ug/l #	42
37) Ethyl Acetate	4.83	43	135	1.068	ug/l #	1
38) Carbon Tetrachloride	5.66	117	2114	8.537	ug/l #	12
49) 1,4-Dioxane	7.74	88	50	29.162	ug/l #	1
51) 4-Methyl-2-Pentanone	8.52	43	131	1.006	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	118	1.232	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	11.03	83	146	1.824	ug/l	65
76) 1,2,3-Trichloropropane	11.13	75	4299	64.202	ug/l #	36
78) n-propylbenzene	11.51	91	616	1.389	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	4299	161.286	ug/l #	11
88) 1,4-Dichlorobenzene	12.10	146	323	1.516	ug/l #	77
91) 1,2-Dichlorobenzene	12.39	146	276	1.408	ug/l #	47
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24	1.505	ug/l #	1
95) Naphthalene	13.83	128	399	1.409	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.03	180	236	1.581	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

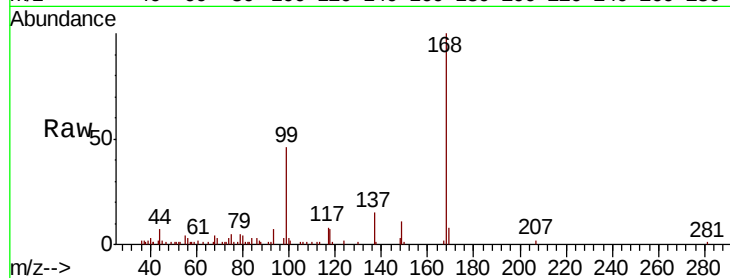
T2-S-B4-(2.5)

Tgt Ion:168 Resp: 23335

Ion Ratio Lower Upper

168 100

99 45.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

8000

6000

4000

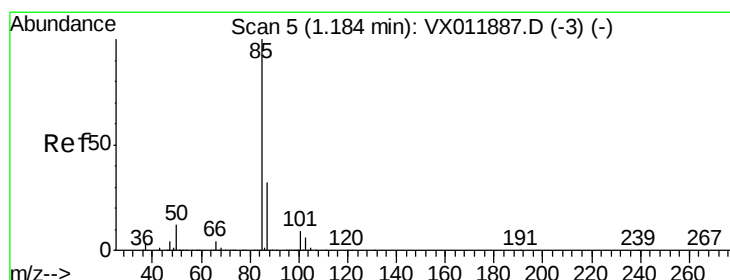
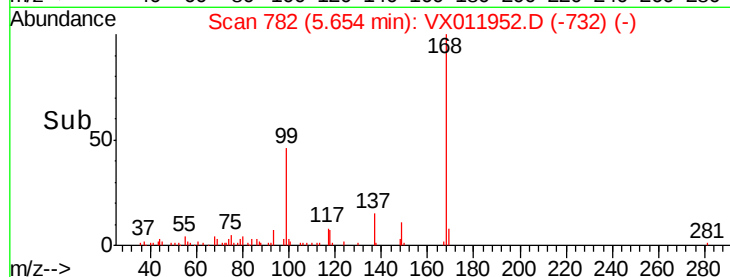
2000

0

5.60

5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 2.663 ug/l

RT: 1.20 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX011952.D

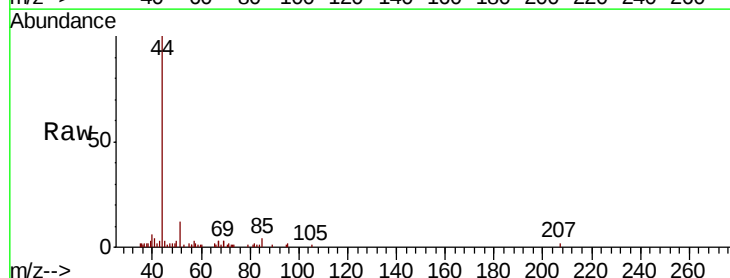
Acq: 31 Aug 2019 15:51

Tgt Ion: 85 Resp: 375

Ion Ratio Lower Upper

85 100

87 0.0 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250

200

150

100

50

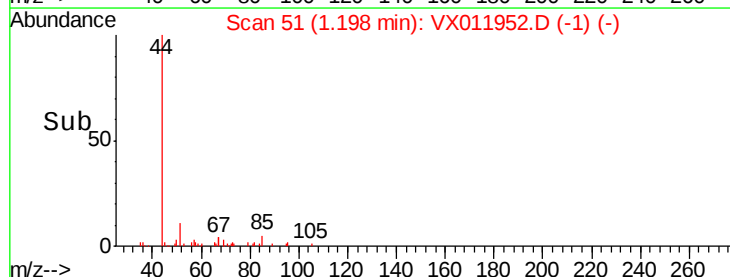
0

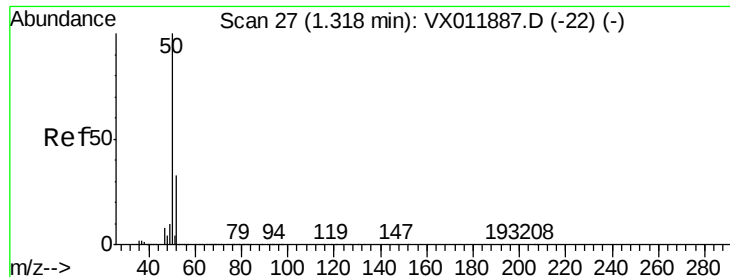
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 2.340 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

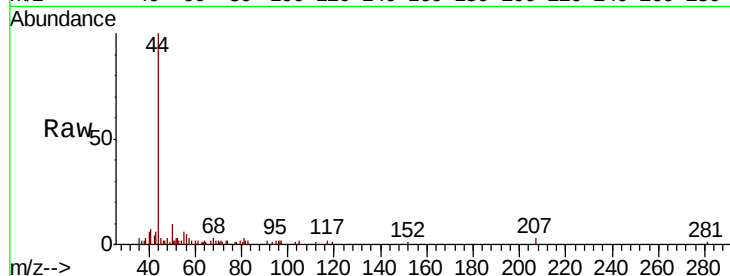
T2-S-B4-(2.5)

Tgt Ion: 50 Resp: 382

Ion Ratio Lower Upper

50 100

52 59.1 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

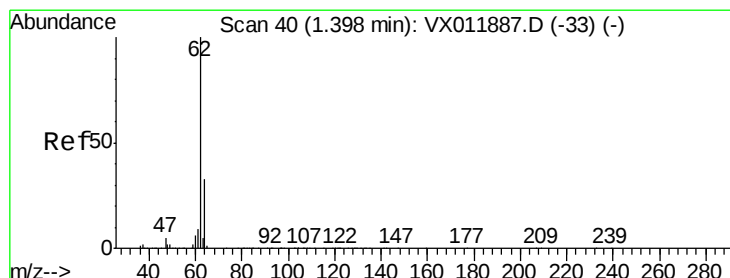
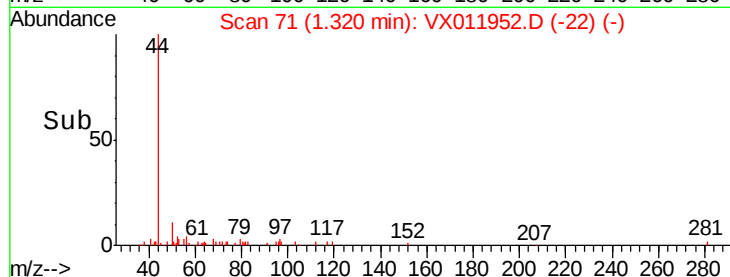
300

200

100

0

Time--> 1.28 1.30 1.32 1.34



#4

Vinyl Chloride

Concen: 1.052 ug/l

RT: 1.42 min Scan# 88

Delta R.T. 0.03 min

Lab File: VX011952.D

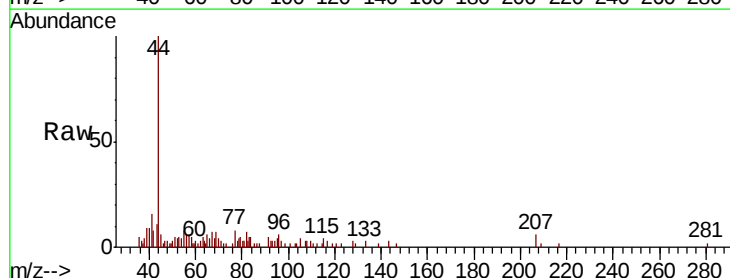
Acq: 31 Aug 2019 15:51

Tgt Ion: 62 Resp: 164

Ion Ratio Lower Upper

62 100

64 63.9 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.42

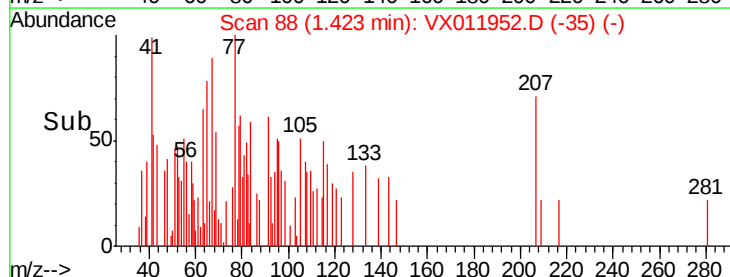
150

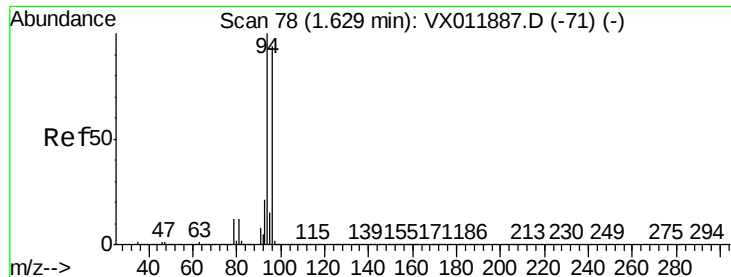
100

50

0

Time--> 1.38 1.40 1.42 1.44





#5

Bromomethane

Concen: 9.437 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampled :

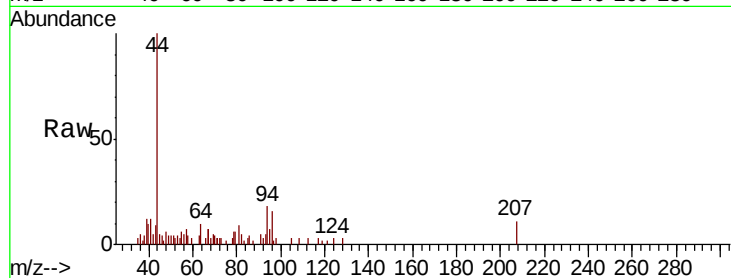
T2-S-B4-(2.5)

Tgt Ion: 94 Resp: 1018

Ion Ratio Lower Upper

94 100

96 59.1 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

500

400

300

200

100

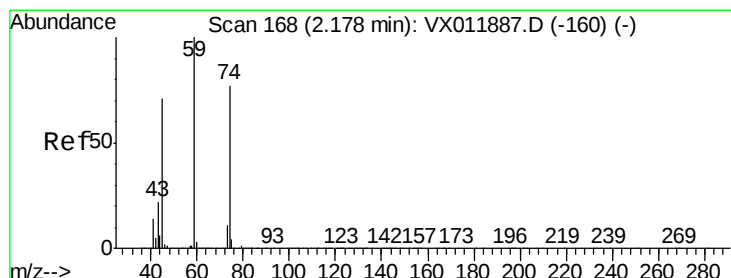
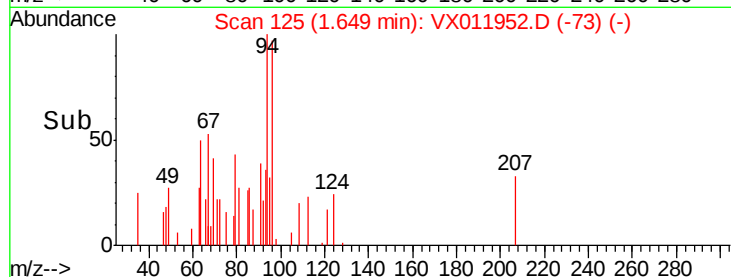
0

1.60

1.65

1.70

Time-->



#8

Diethyl Ether

Concen: 1.644 ug/l

RT: 2.19 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX011952.D

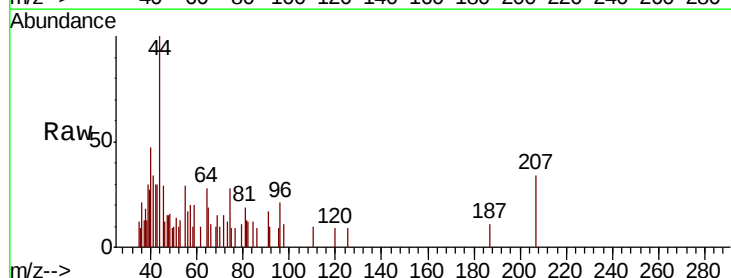
Acq: 31 Aug 2019 15:51

Tgt Ion: 74 Resp: 153

Ion Ratio Lower Upper

74 100

45 160.8 46.7 140.1#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

250

200

150

100

50

0

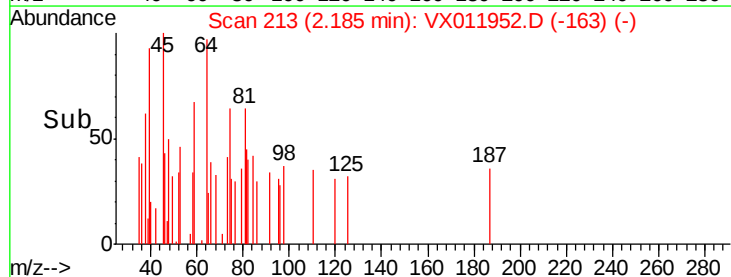
2.14

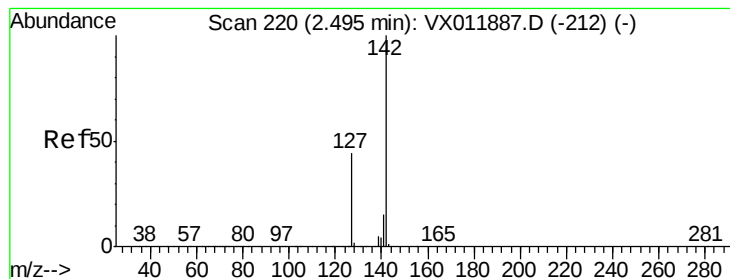
2.16

2.18

2.20

Time-->





#10

Methyl Iodide

Concen: 8.716 ug/l

RT: 2.52 min Scan# 268

Delta R.T. 0.03 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B4-(2.5)

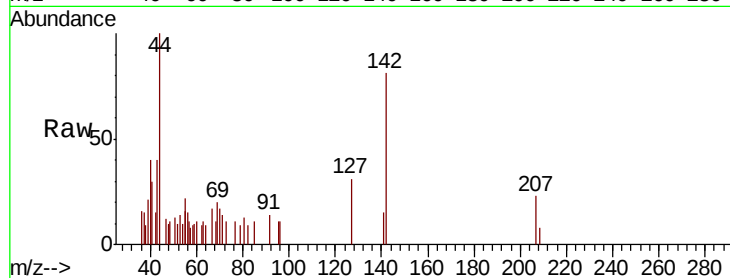
Tgt Ion:142 Resp: 1048

Ion Ratio Lower Upper

142 100

127 52.0 35.7 53.5

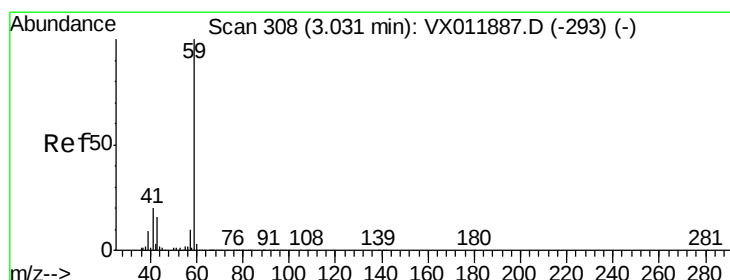
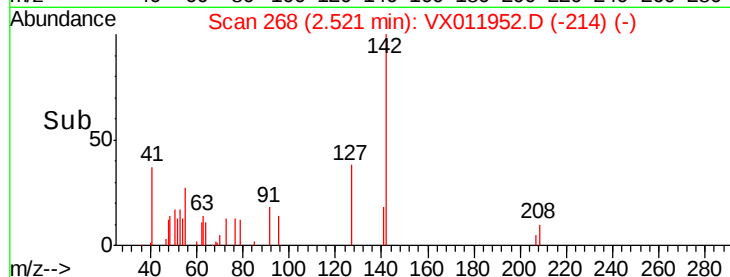
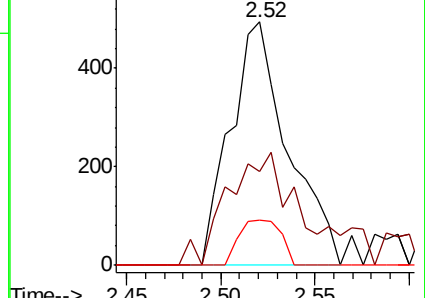
141 13.4 11.8 17.6



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: 2.743 ug/l

RT: 3.06 min Scan# 356

Delta R.T. 0.03 min

Lab File: VX011952.D

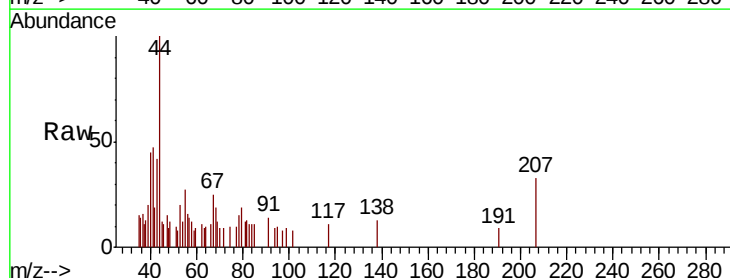
Acq: 31 Aug 2019 15:51

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

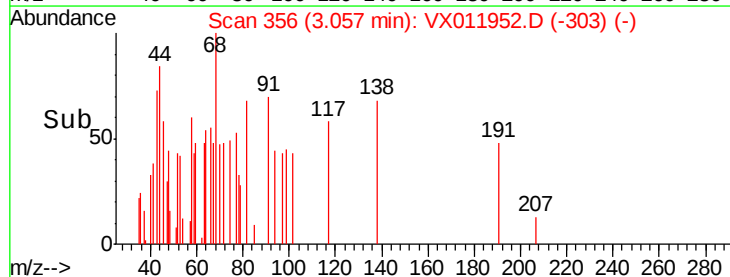
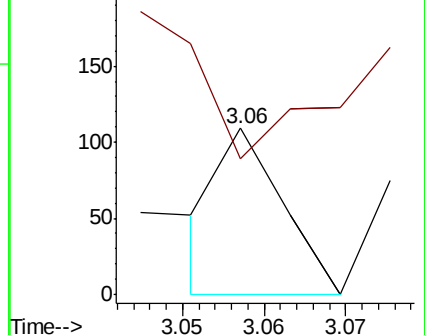
59 100

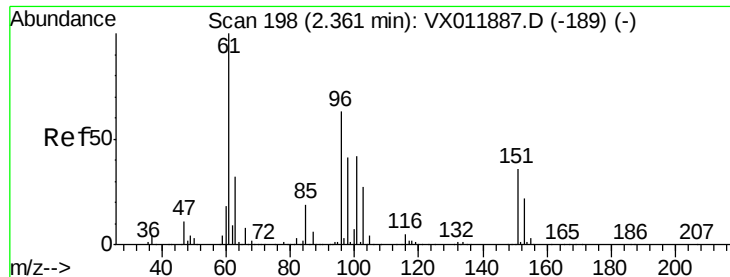
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 1.007 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B4-(2.5)

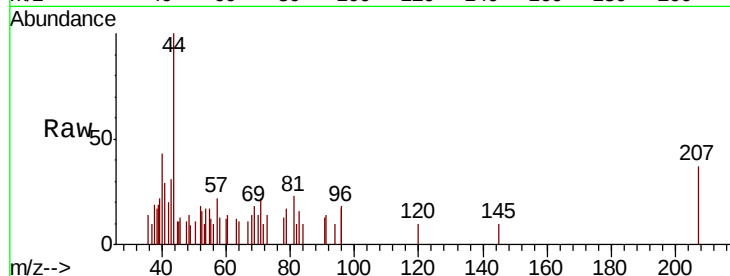
Tgt Ion: 96 Resp: 165

Ion Ratio Lower Upper

96 100

61 0.0 126.6 190.0#

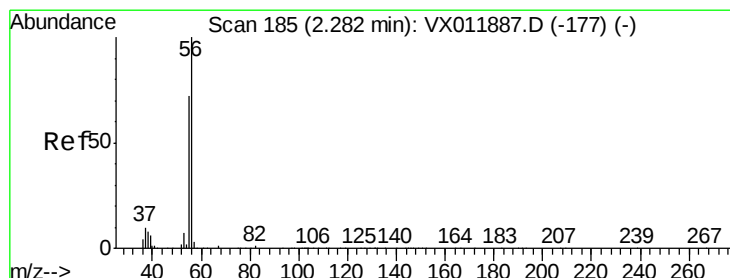
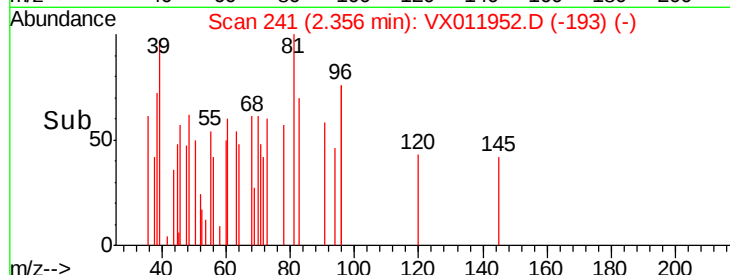
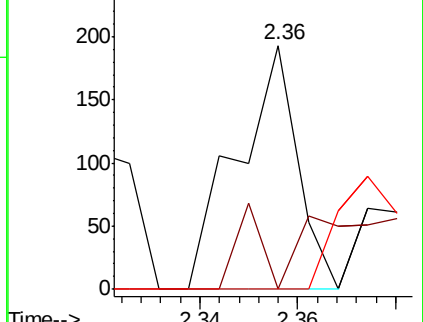
98 0.0 51.6 77.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: 15.599 ug/l

RT: 2.26 min Scan# 226

Delta R.T. -0.02 min

Lab File: VX011952.D

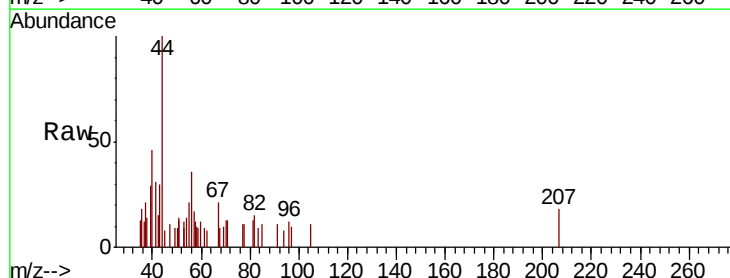
Acq: 31 Aug 2019 15:51

Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

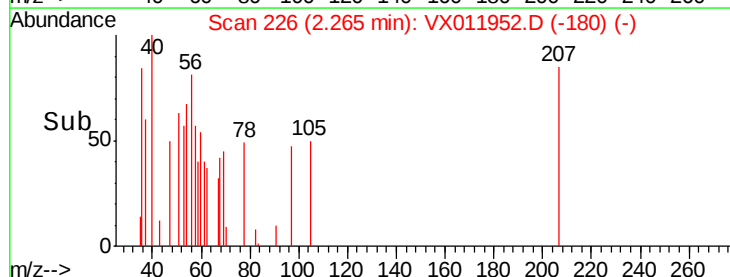
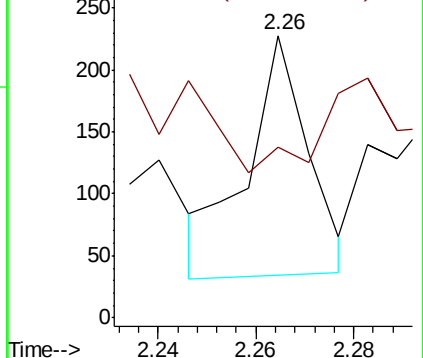
56 100

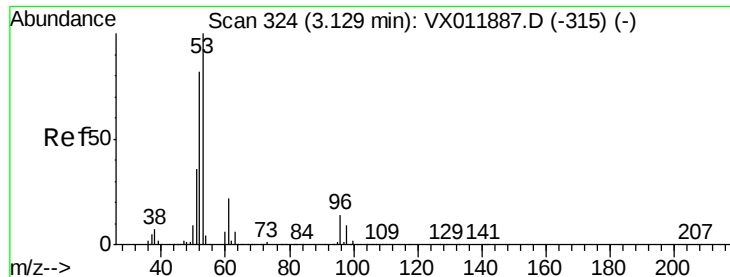
55 44.3 58.6 88.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 2.622 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampled :

T2-S-B4-(2.5)

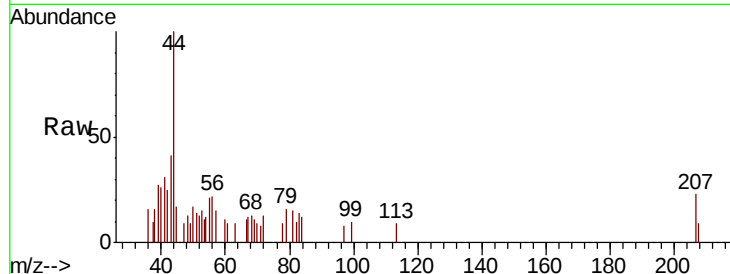
Tgt Ion: 53 Resp: 134

Ion Ratio Lower Upper

53 100

52 182.1 65.3 97.9#

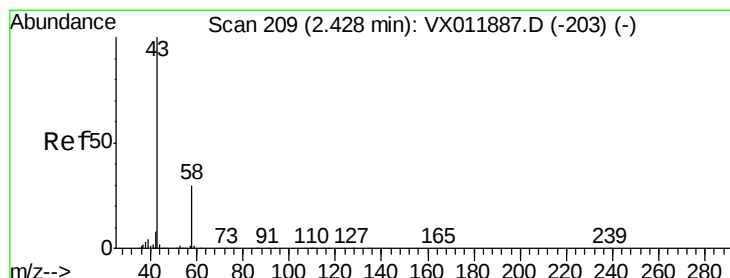
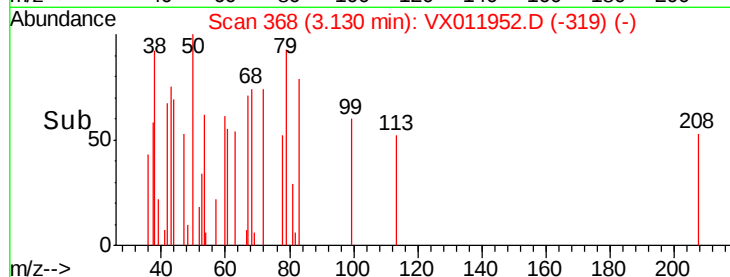
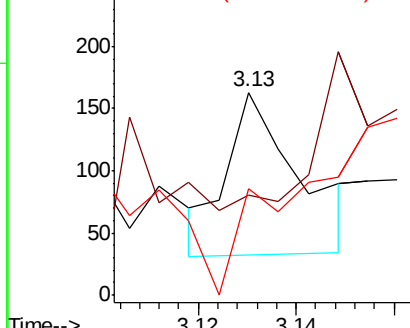
51 0.0 29.4 44.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 17.421 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011952.D

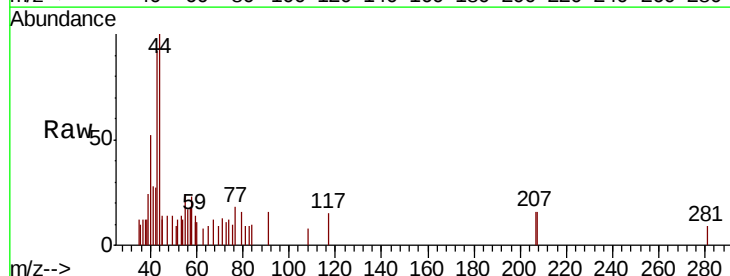
Acq: 31 Aug 2019 15:51

Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

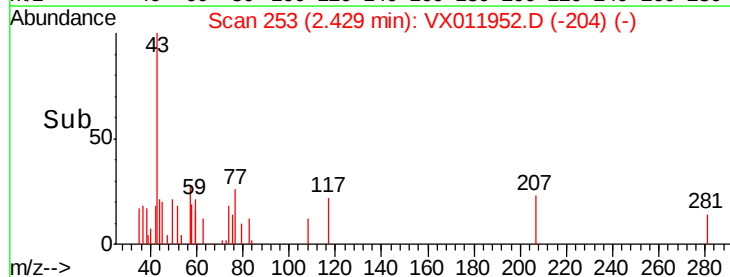
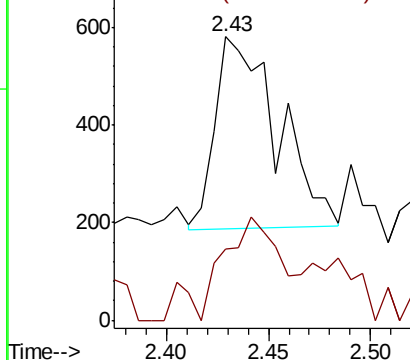
43 100

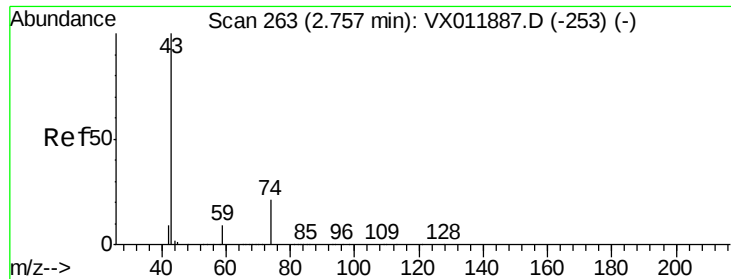
58 23.3 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

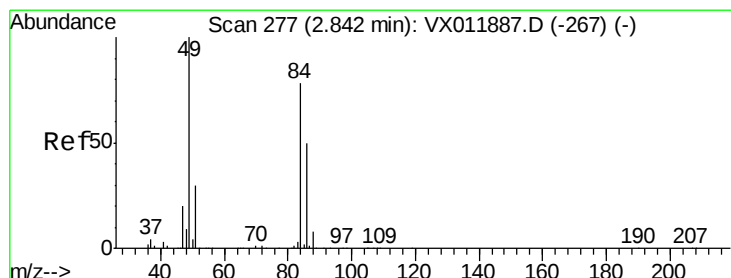
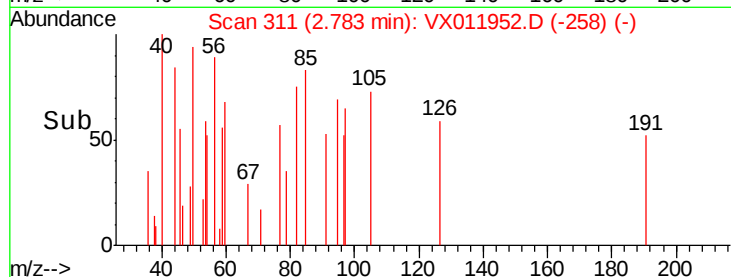
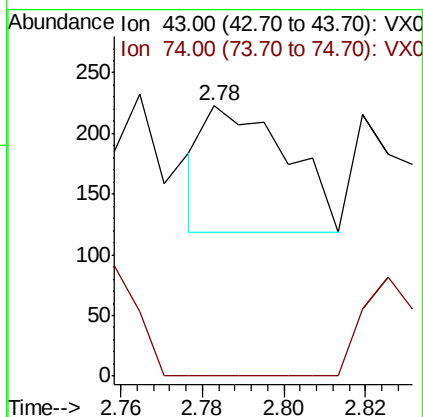
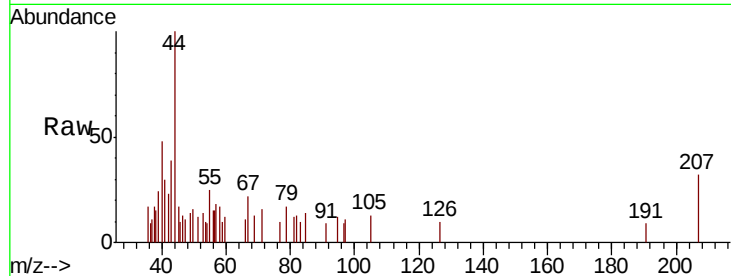




#18
Methyl Acetate
Concen: 1.096 ug/l
RT: 2.78 min Scan# 311
Delta R.T. 0.03 min
Lab File: VX011952.D
Acq: 31 Aug 2019 15:51

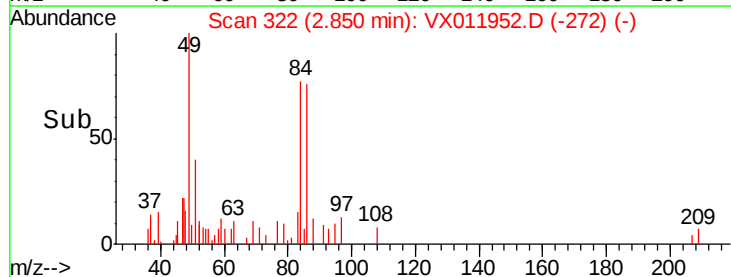
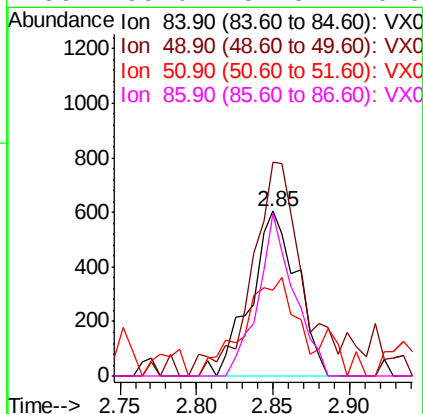
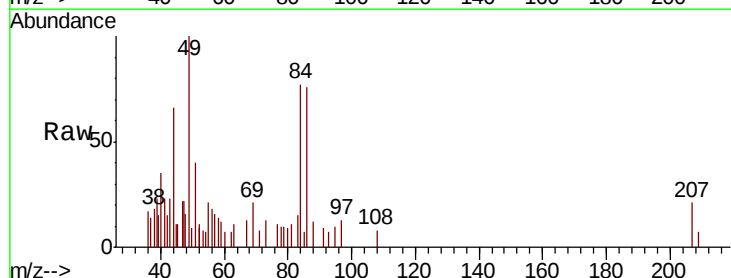
Instrument :
MSVOA_X
ClientSampled :
T2-S-B4-(2.5)

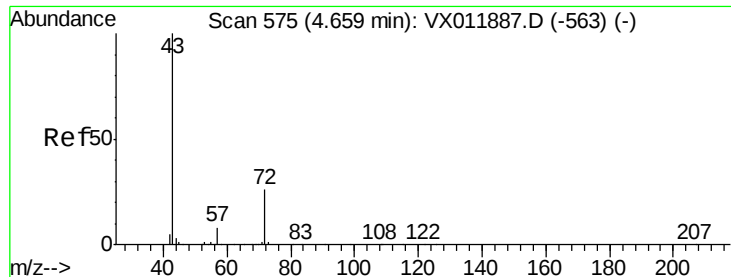
Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
74 0.0 18.4 27.6#



#20
Methylene Chloride
Concen: 1.459 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX011952.D
Acq: 31 Aug 2019 15:51

Tgt Ion: 84 Resp: 1278
Ion Ratio Lower Upper
84 100
49 129.6 103.0 154.4
51 52.0 30.8 46.2#
86 99.0 51.3 76.9#





#25

2-Butanone

Concen: 1.327 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

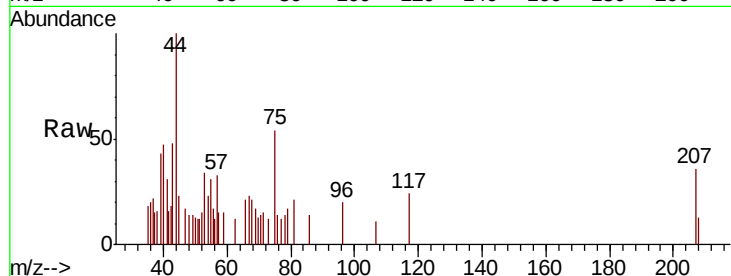
T2-S-B4-(2.5)

Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200

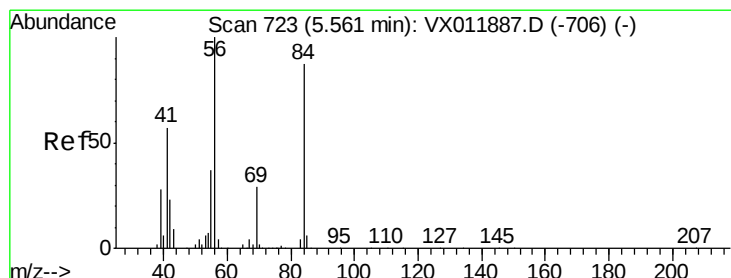
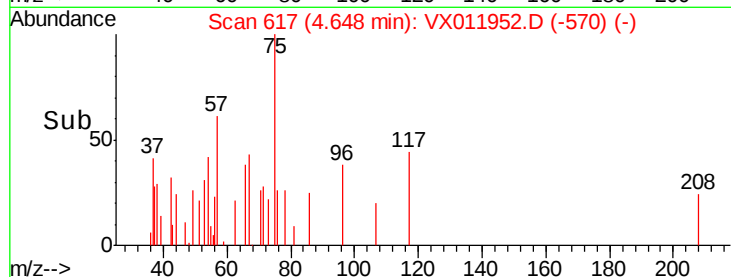
150

100

50

0

Time--> 4.62 4.63 4.64 4.65 4.66



#31

Cyclohexane

Concen: 1.447 ug/l

RT: 5.56 min Scan# 767

Delta R.T. 0.00 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

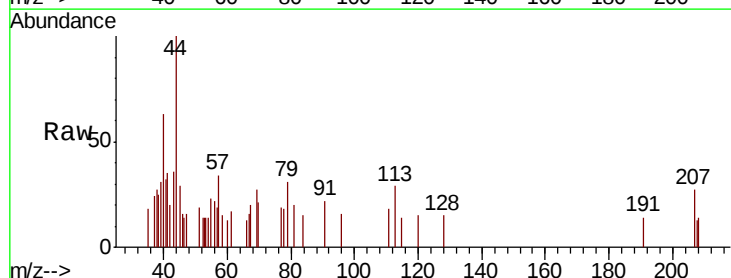
Tgt Ion: 56 Resp: 404

Ion Ratio Lower Upper

56 100

69 64.9 23.1 34.7#

84 36.2 69.6 104.4#



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

200

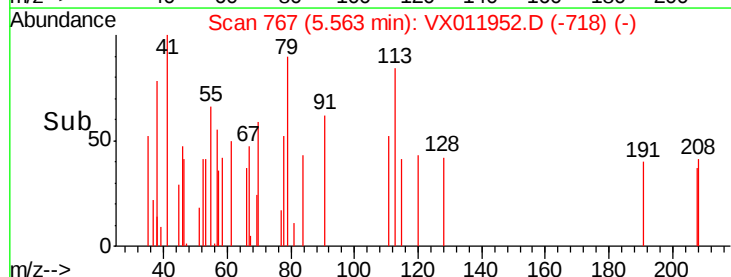
150

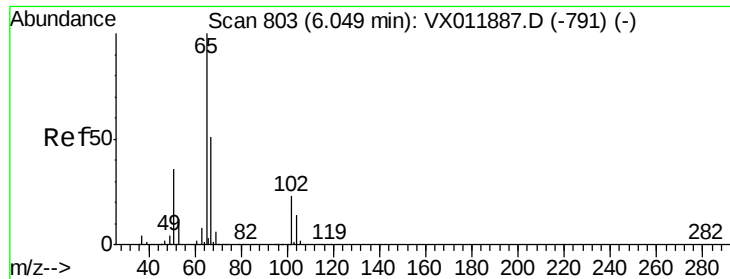
100

50

0

Time--> 5.50 5.55 5.60

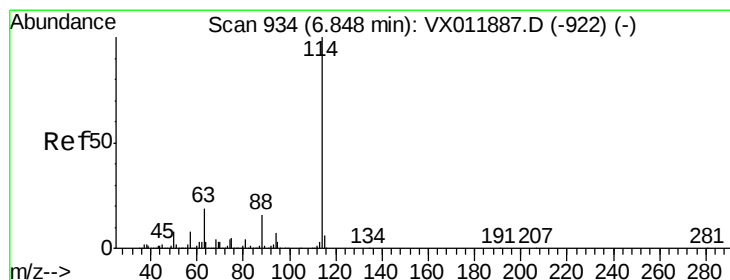
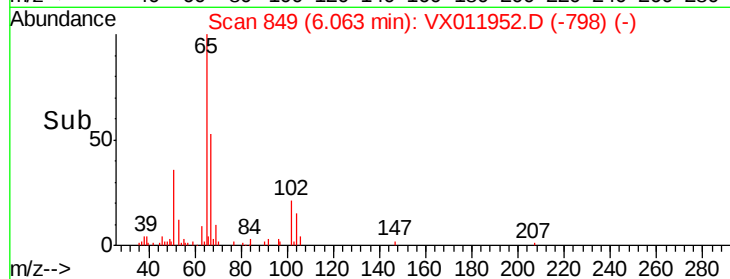
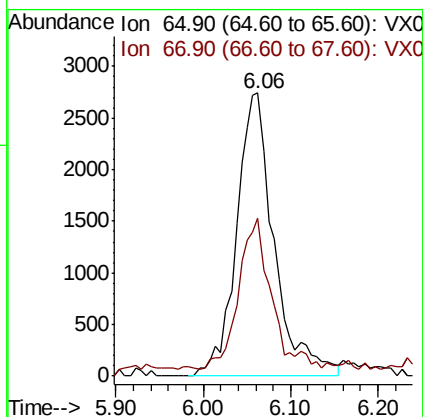
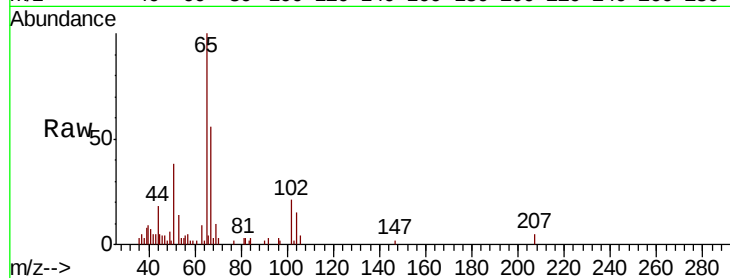




#33
 1,2-Dichloroethane-d4
 Concen: 36.623 ug/l
 RT: 6.06 min Scan# 849
 Delta R.T. 0.01 min
 Lab File: VX011952.D
 Acq: 31 Aug 2019 15:51

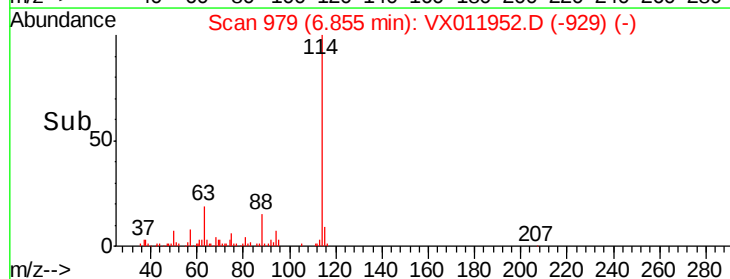
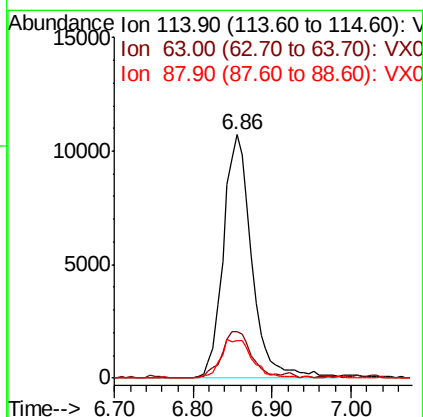
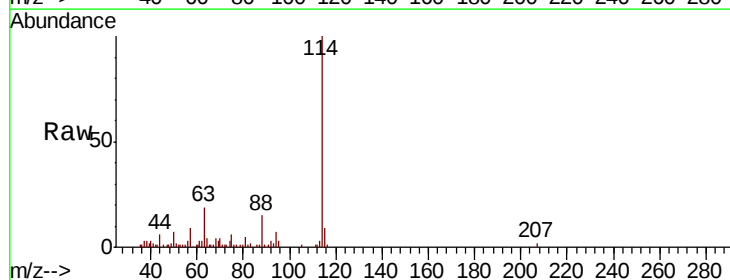
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B4-(2.5)

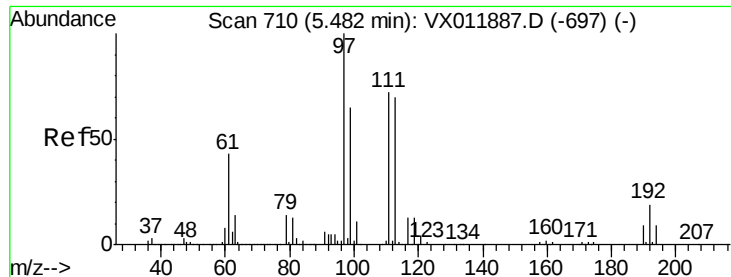
Tgt Ion: 65 Resp: 8188
 Ion Ratio Lower Upper
 65 100
 67 45.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX011952.D
 Acq: 31 Aug 2019 15:51

Tgt Ion: 114 Resp: 26952
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.8
 88 15.2 0.0 31.2

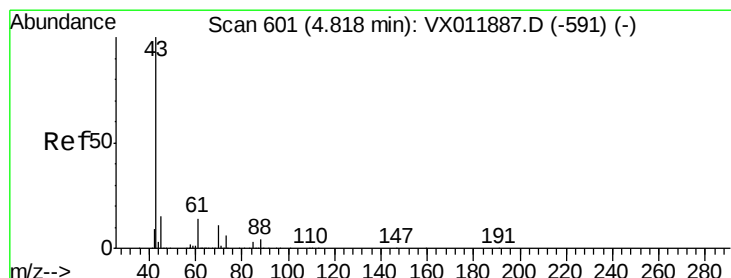
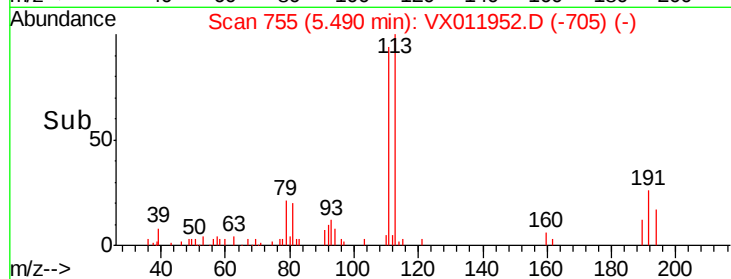
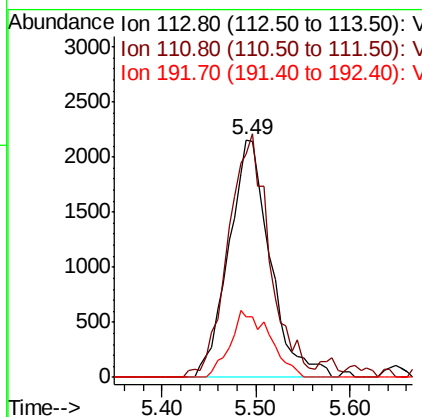
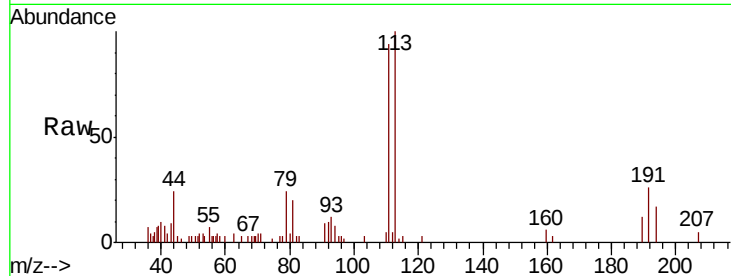




#35
 Dibromofluoromethane
 Concen: 38.078 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX011952.D
 Acq: 31 Aug 2019 15:51

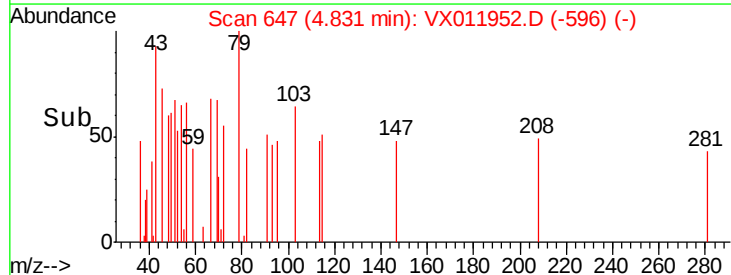
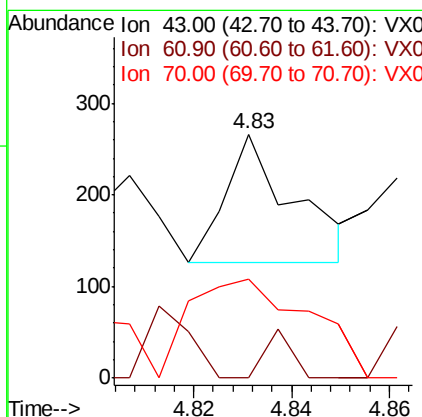
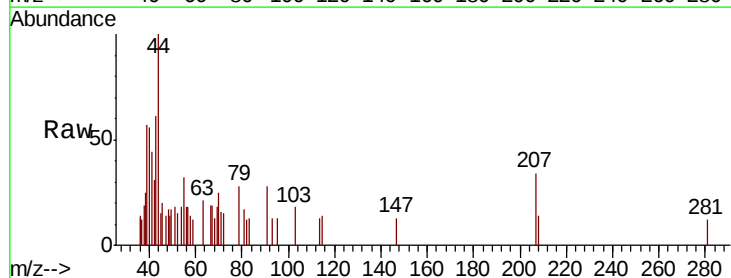
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B4-(2.5)

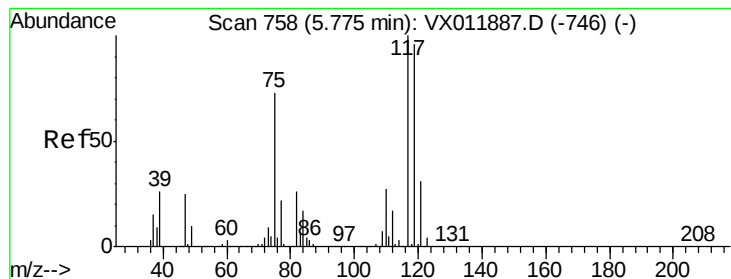
Tgt Ion: 113 Resp: 6581
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.1 123.1
 192 27.0 21.5 32.3



#37
 Ethyl Acetate
 Concen: 1.068 ug/l
 RT: 4.83 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: VX011952.D
 Acq: 31 Aug 2019 15:51

Tgt Ion: 43 Resp: 135
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.0 16.4
 70 134.8 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 8.537 ug/l

RT: 5.66 min Scan# 783

Delta R.T. -0.11 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B4-(2.5)

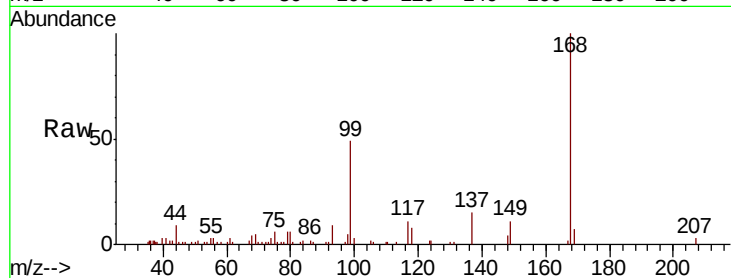
Tgt Ion:117 Resp: 2114

Ion Ratio Lower Upper

117 100

119 0.0 76.6 114.8#

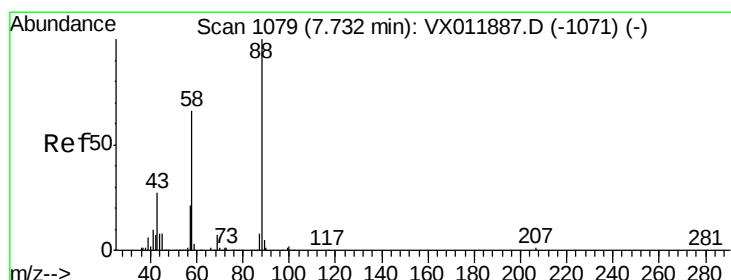
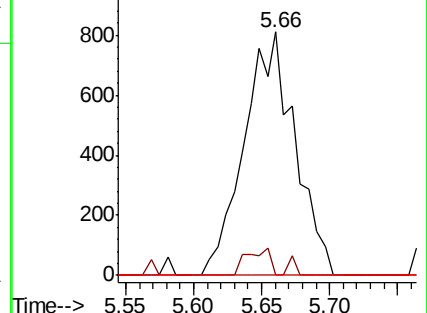
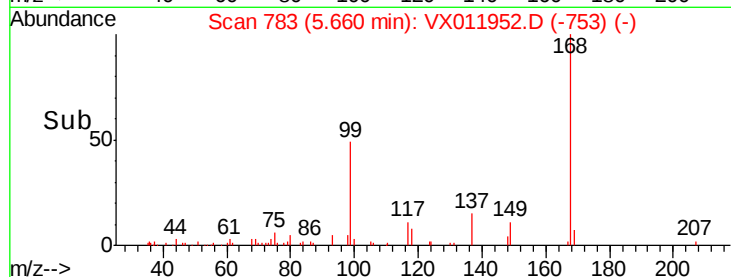
121 0.0 24.7 37.1#



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: 29.162 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

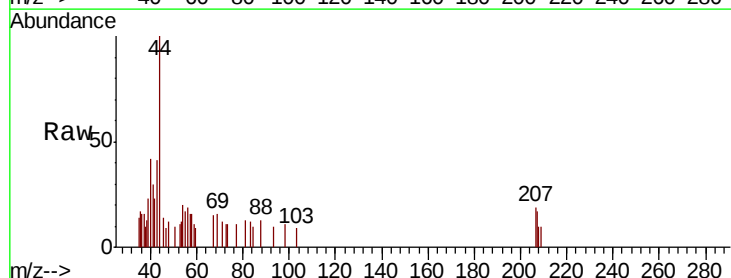
Tgt Ion: 88 Resp: 50

Ion Ratio Lower Upper

88 100

43 0.0 27.3 40.9#

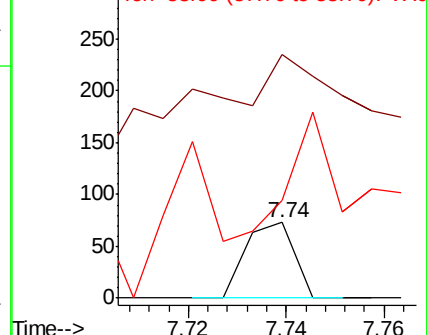
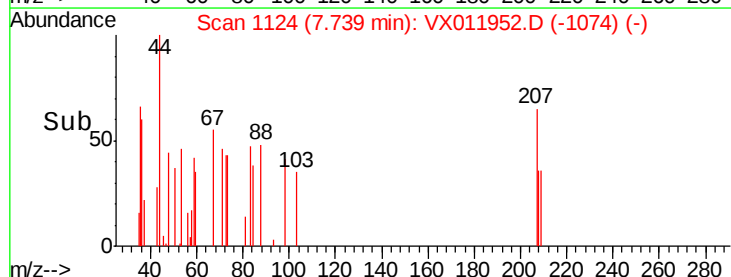
58 174.0 53.9 80.9#

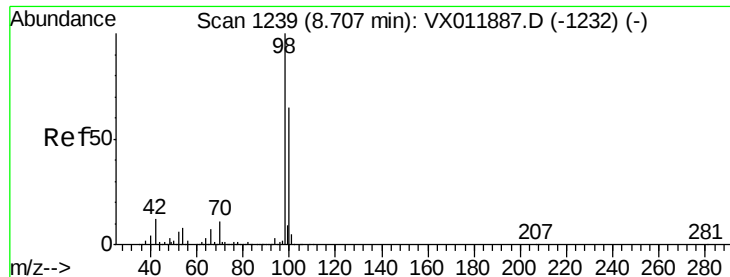


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

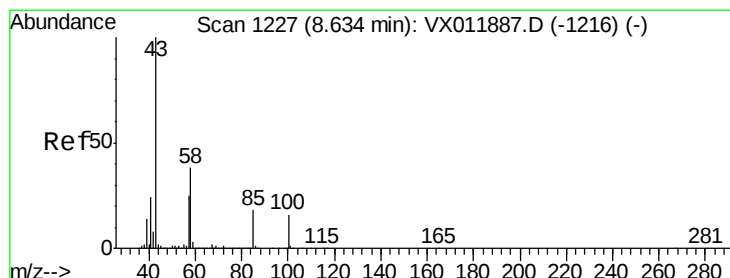
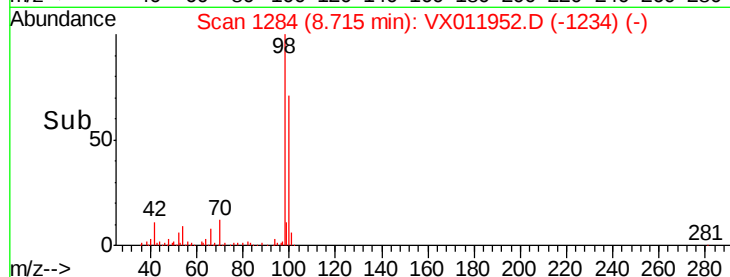
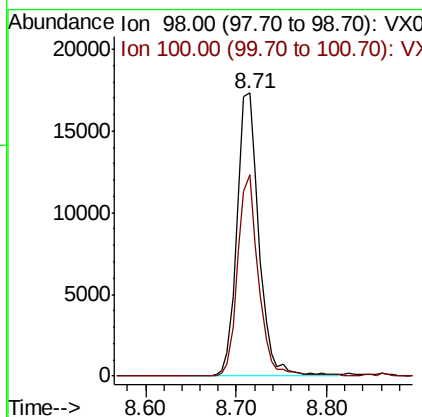
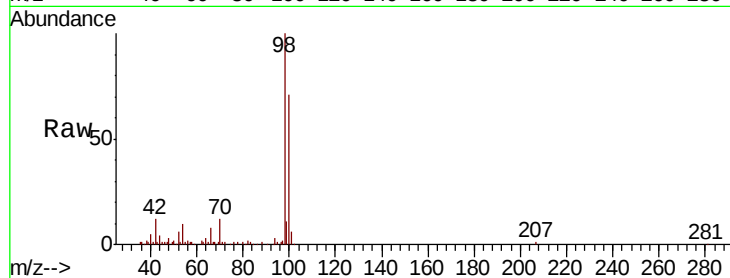




#50
Toluene-d8
Concen: 47.230 ug/l
RT: 8.71 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VX011952.D
Acq: 31 Aug 2019 15:51

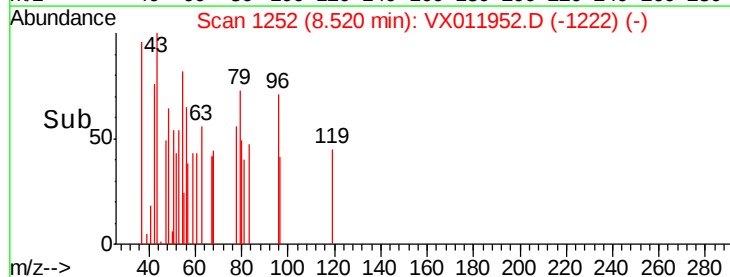
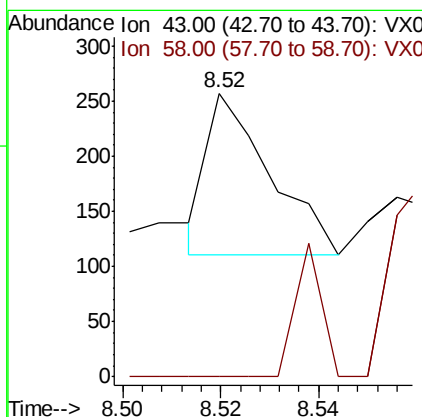
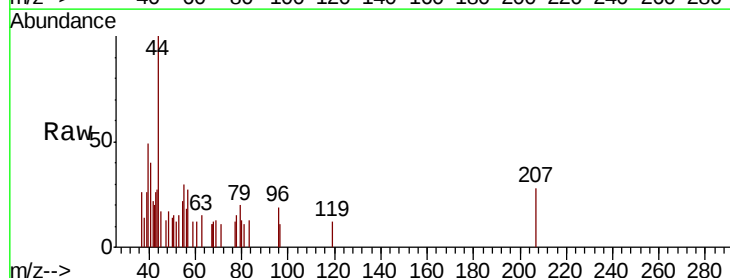
Instrument :
MSVOA_X
ClientSampleId :
T2-S-B4-(2.5)

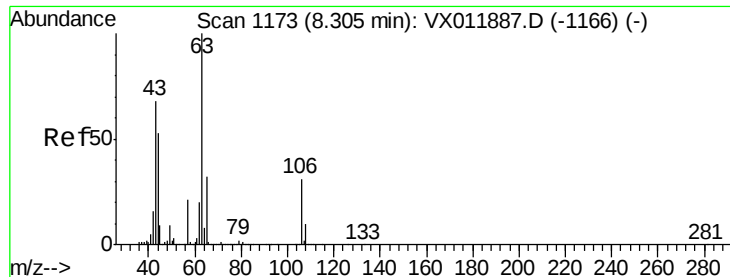
Tgt Ion: 98 Resp: 29179
Ion Ratio Lower Upper
98 100
100 67.3 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 8.52 min Scan# 1252
Delta R.T. -0.11 min
Lab File: VX011952.D
Acq: 31 Aug 2019 15:51

Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
58 33.6 30.9 46.3

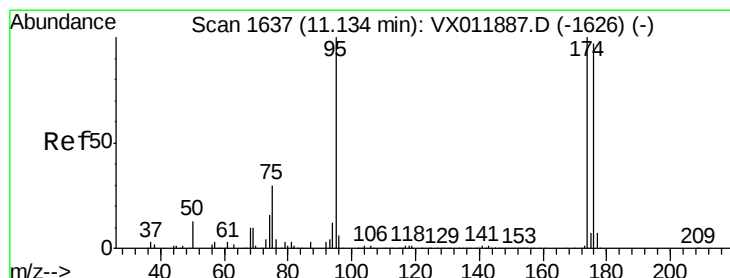
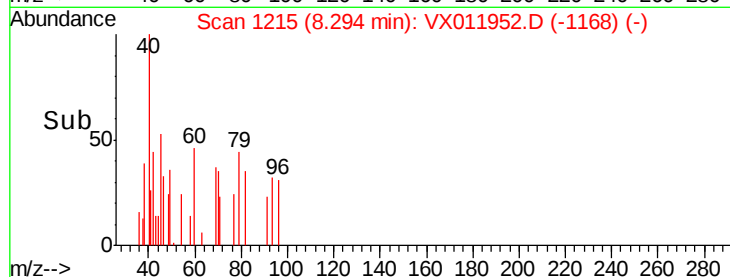
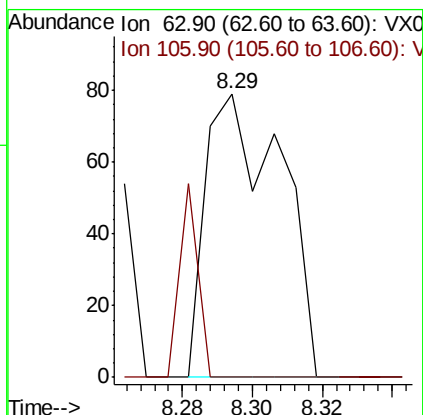
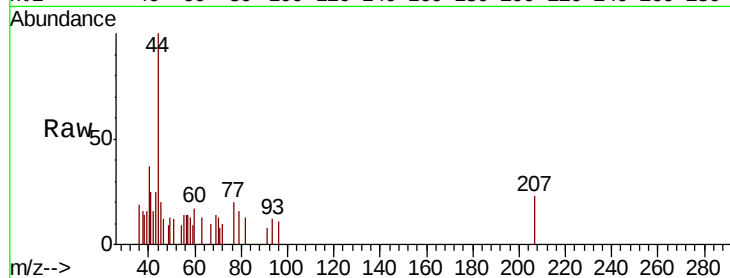




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.232 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: VX011952.D
 Acq: 31 Aug 2019 15:51

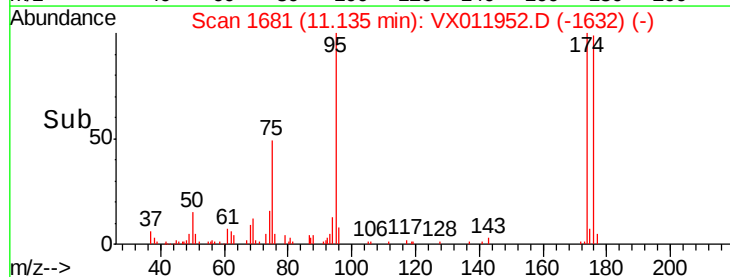
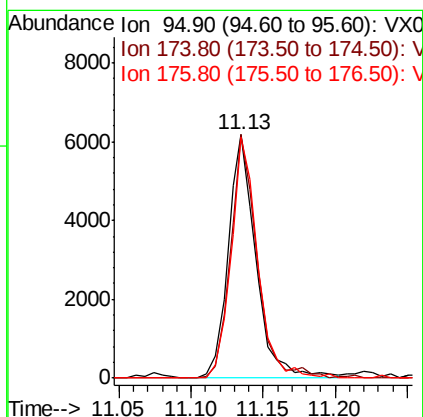
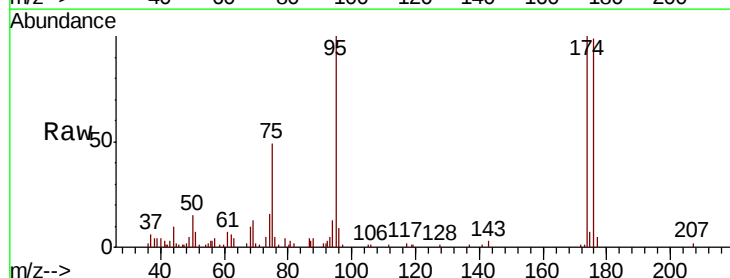
Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B4-(2.5)

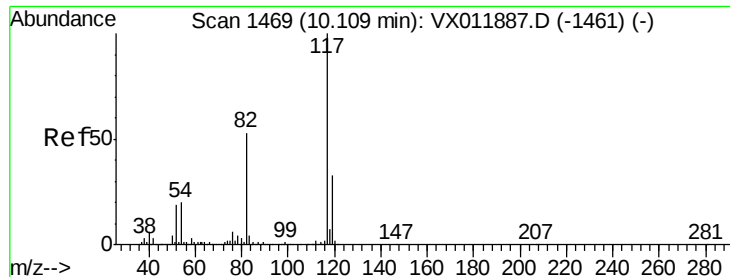
Tgt Ion: 63 Resp: 118
 Ion Ratio Lower Upper
 63 100
 106 16.9 24.8 37.2#



#62
 4-Bromofluorobenzene
 Concen: 30.881 ug/l
 RT: 11.13 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX011952.D
 Acq: 31 Aug 2019 15:51

Tgt Ion: 95 Resp: 8369
 Ion Ratio Lower Upper
 95 100
 174 95.6 0.0 196.0
 176 94.6 0.0 191.4

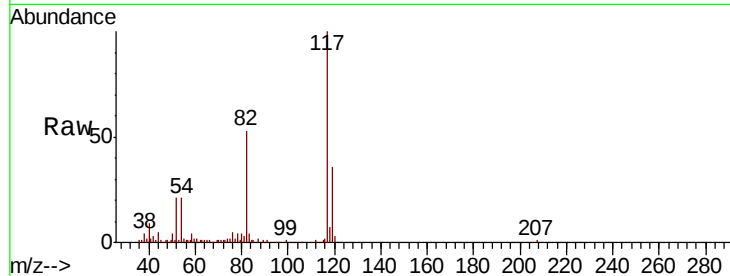




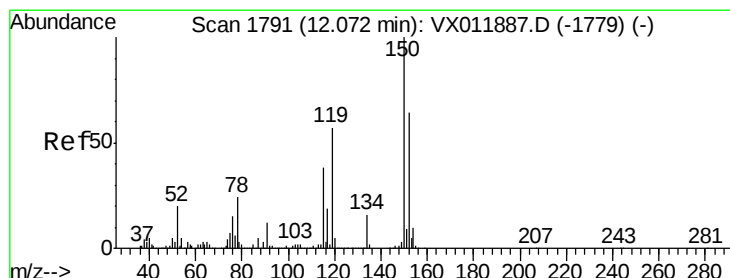
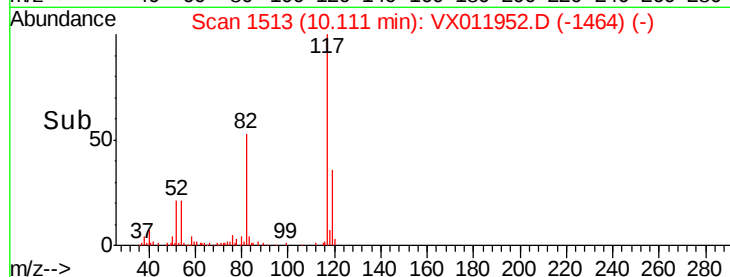
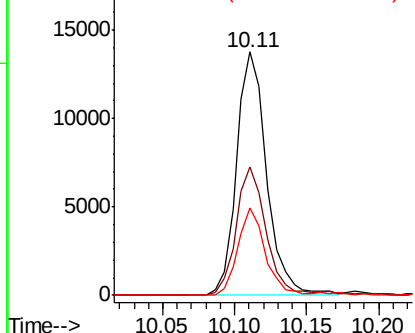
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011952.D
Acq: 31 Aug 2019 15:51

Instrument :
MSVOA_X
ClientSampleId :
T2-S-B4-(2.5)

Tgt Ion:117 Resp: 20092
Ion Ratio Lower Upper
117 100
82 52.9 42.0 63.0
119 36.0 26.2 39.4

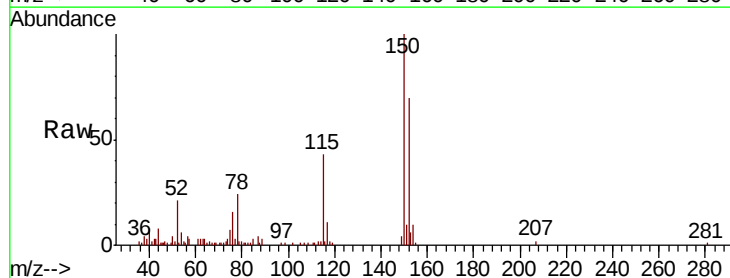


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

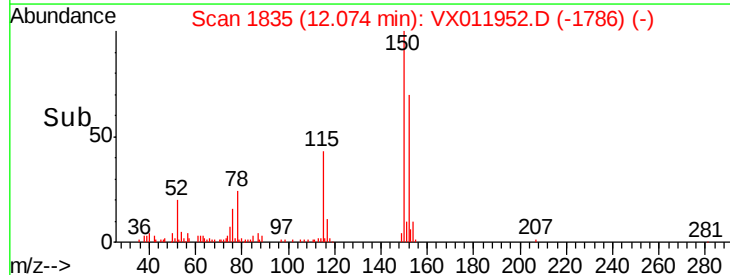
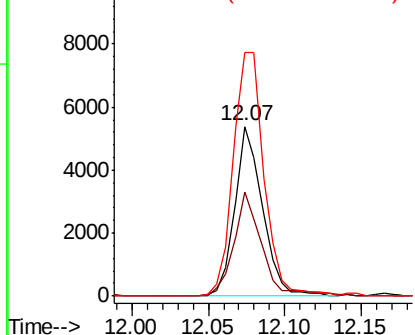


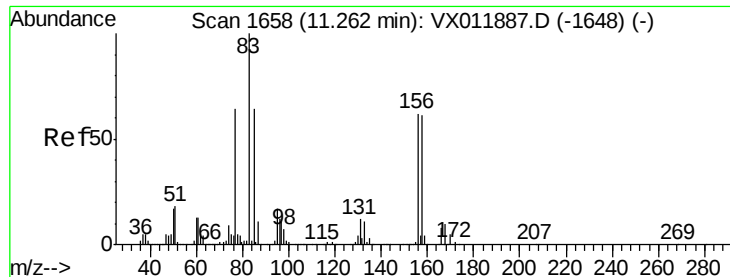
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011952.D
Acq: 31 Aug 2019 15:51

Tgt Ion:152 Resp: 6807
Ion Ratio Lower Upper
152 100
115 61.5 37.1 111.3
150 158.3 0.0 339.6



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





#75

1,1,2,2-Tetrachloroethane

Concen: 1.824 ug/l

RT: 11.03 min Scan# 1664

Delta R.T. -0.23 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B4-(2.5)

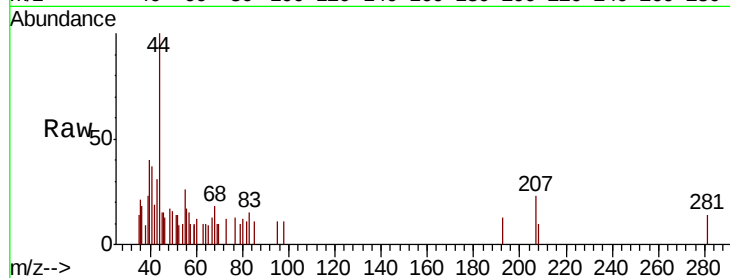
Tgt Ion: 83 Resp: 146

Ion Ratio Lower Upper

83 100

131 15.1 6.0 18.0

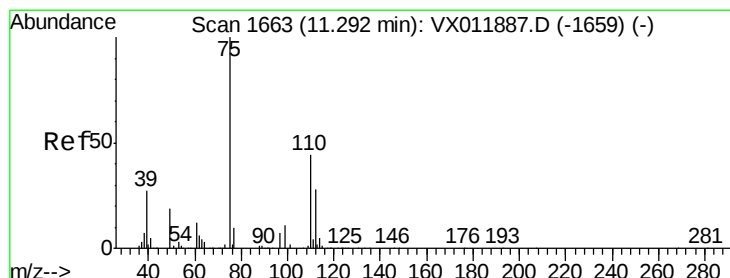
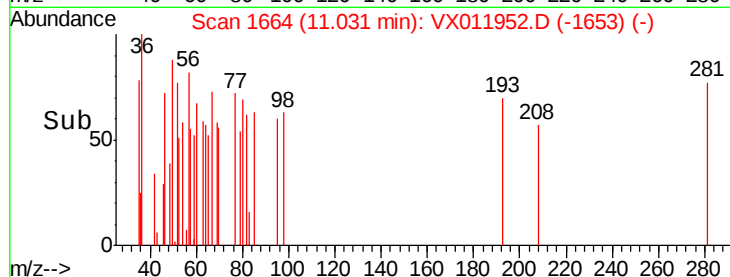
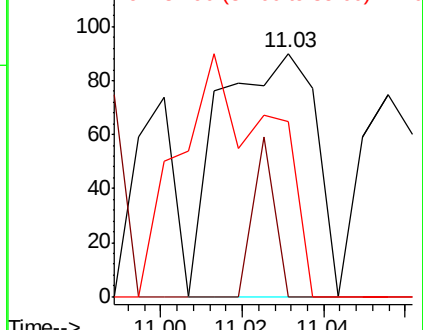
85 95.2 31.9 95.9



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: 64.202 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX011952.D

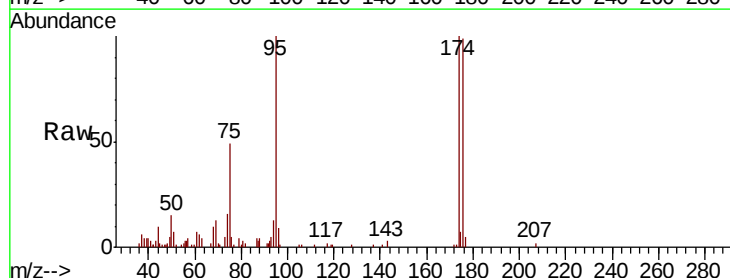
Acq: 31 Aug 2019 15:51

Tgt Ion: 75 Resp: 4299

Ion Ratio Lower Upper

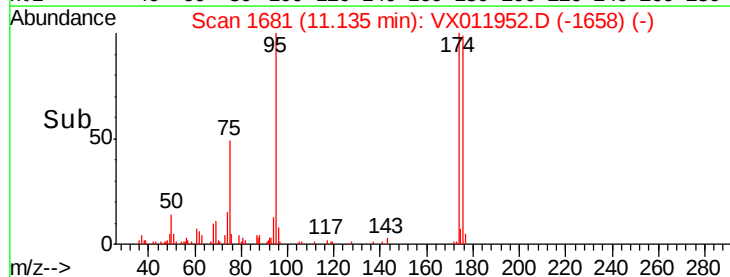
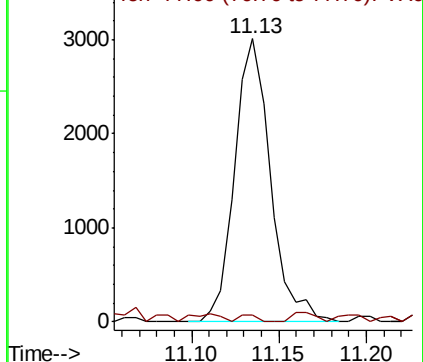
75 100

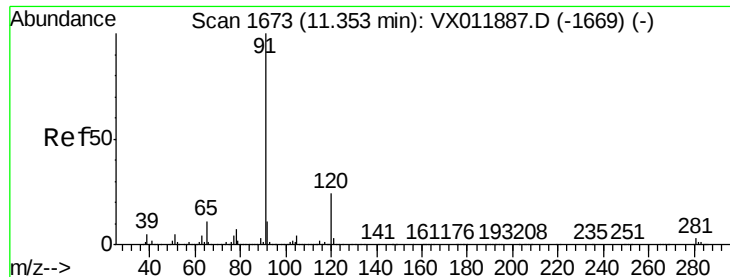
77 1.3 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.389 ug/l

RT: 11.51 min Scan# 1743

Delta R.T. 0.16 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

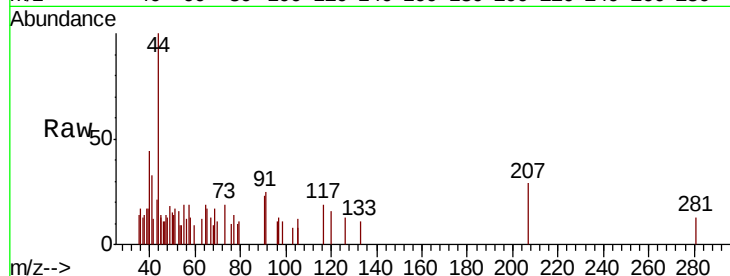
T2-S-B4-(2.5)

Tgt Ion: 91 Resp: 616

Ion Ratio Lower Upper

91 100

120 20.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.51

300

200

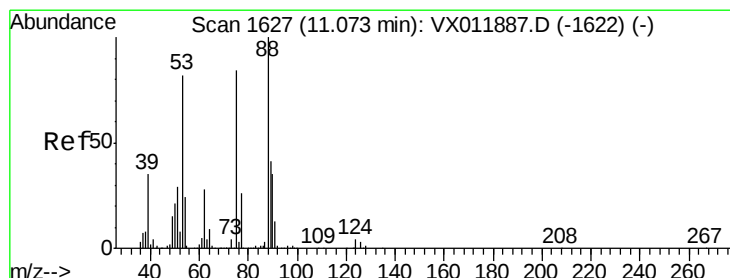
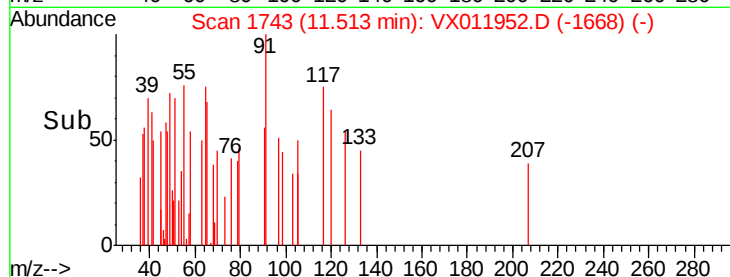
100

0

11.50

11.60

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 161.286 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.06 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

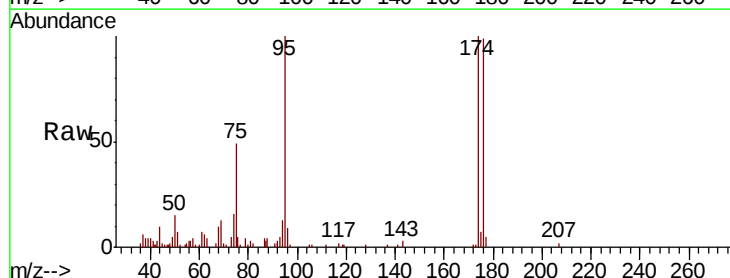
Tgt Ion: 75 Resp: 4299

Ion Ratio Lower Upper

75 100

53 1.1 77.1 115.7#

89 0.0 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

4000

3000

2000

1000

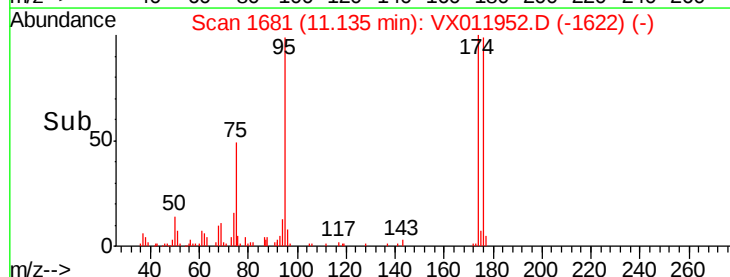
0

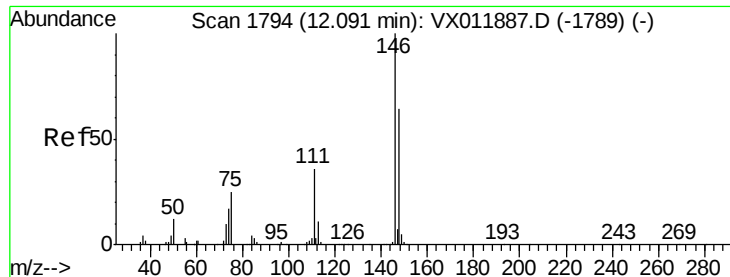
11.10

11.15

11.20

Time-->





#88

1,4-Dichlorobenzene

Concen: 1.516 ug/l

RT: 12.10 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B4-(2.5)

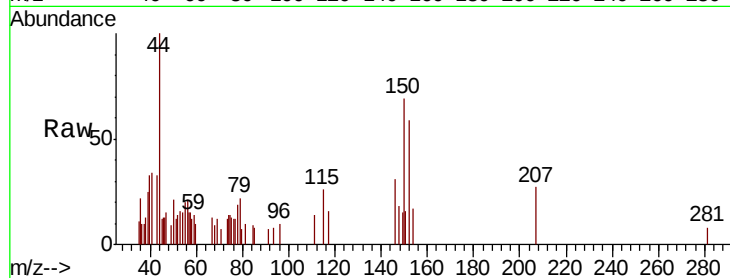
Tgt Ion:146 Resp: 323

Ion Ratio Lower Upper

146 100

111 0.0 17.9 53.7#

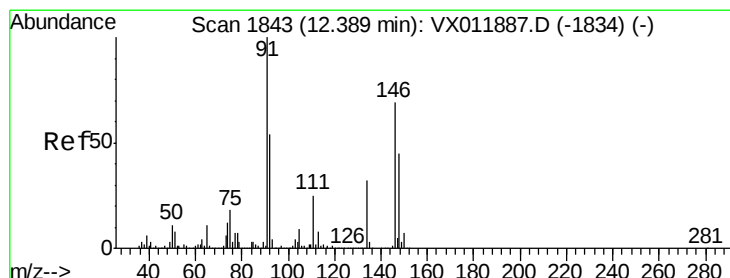
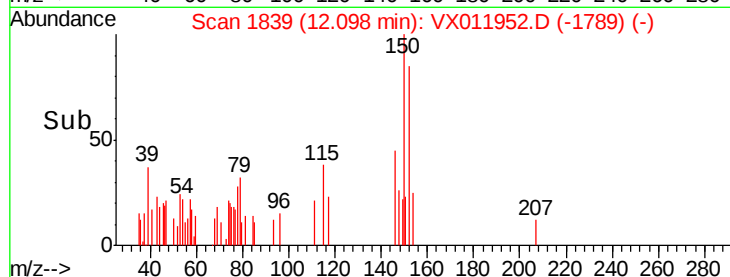
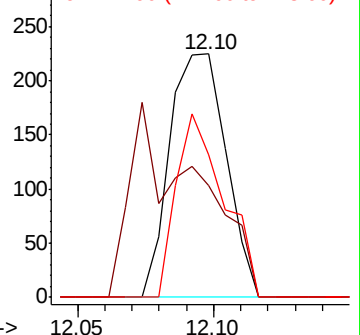
148 63.5 32.4 97.0



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



#91

1,2-Dichlorobenzene

Concen: 1.408 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

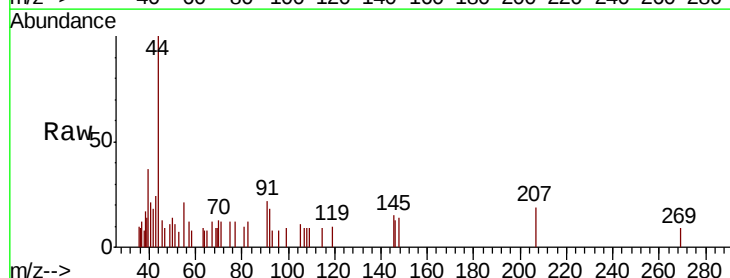
Tgt Ion:146 Resp: 276

Ion Ratio Lower Upper

146 100

111 10.1 18.9 56.5#

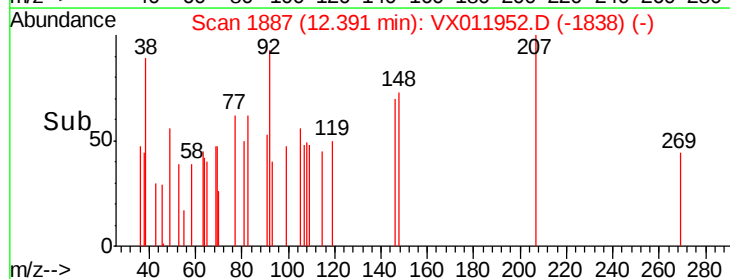
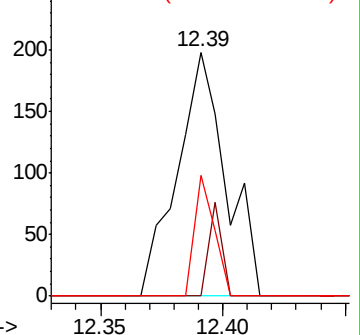
148 19.9 32.1 96.3#

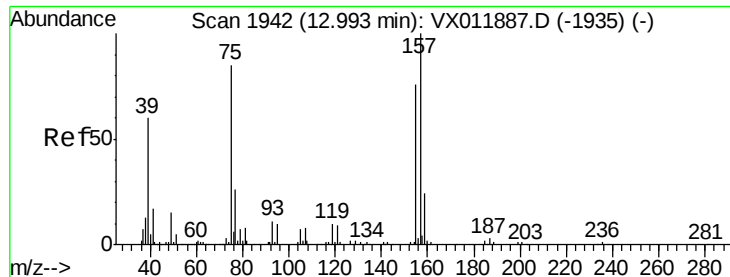


Abundance Ion 145.90 (145.60 to 146.60): V

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: 1.505 ug/l

RT: 12.99 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

T2-S-B4-(2.5)

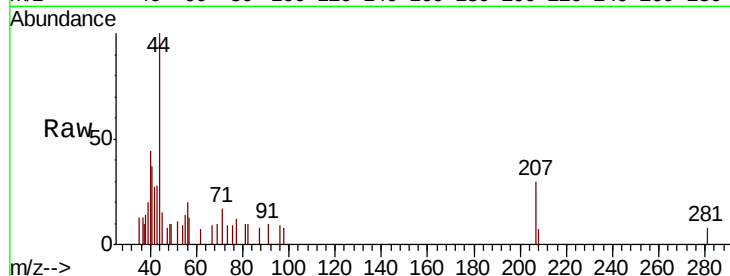
Tgt Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.4#

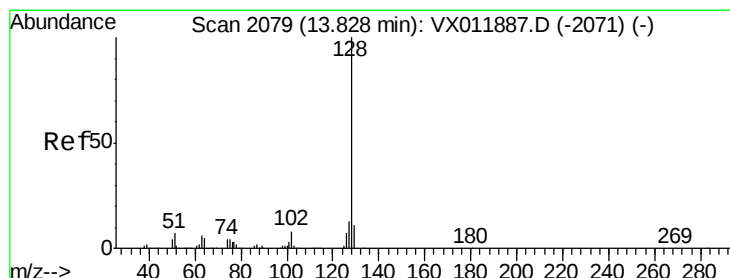
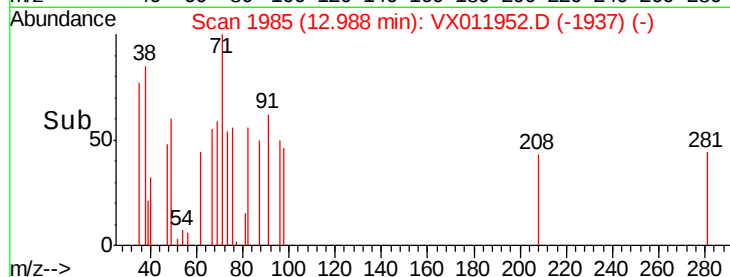
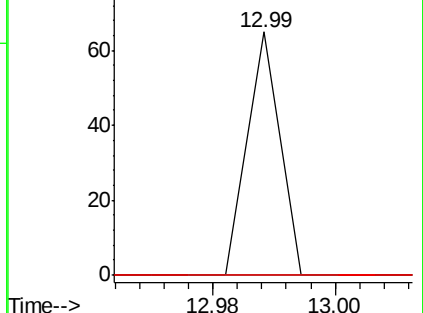
157 0.0 63.9 191.7#



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



#95

Naphthalene

Concen: 1.409 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX011952.D

Acq: 31 Aug 2019 15:51

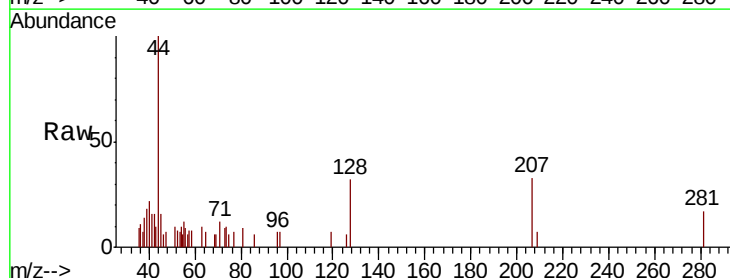
Tgt Ion: 128 Resp: 399

Ion Ratio Lower Upper

128 100

127 11.5 10.4 15.6

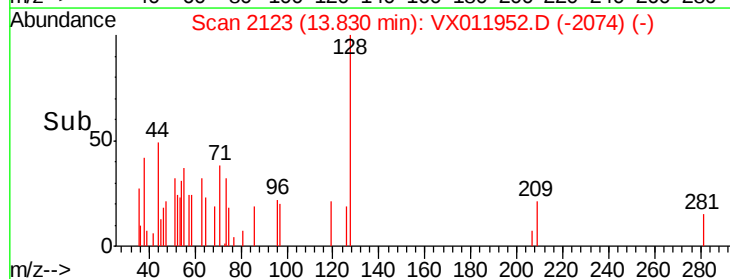
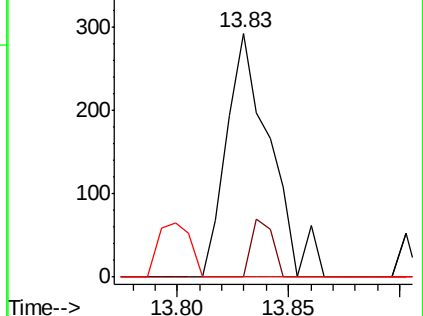
129 0.0 8.8 13.2#

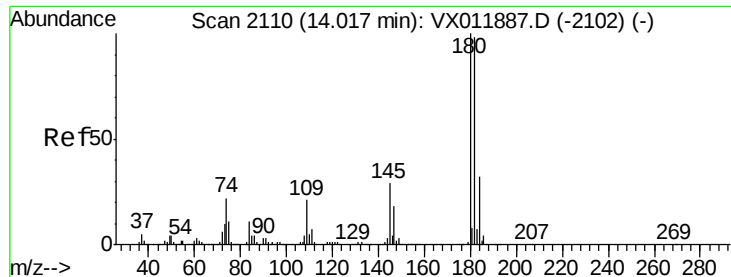


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.581 ug/l
 RT: 14.03 min Scan# 2156
 Delta R.T. 0.01 min
 Lab File: VX011952.D
 Acq: 31 Aug 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B4-(2.5)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	110.6	48.3	144.8
145	28.8	14.6	43.8

