

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018869.D
 Acq On : 09 Oct 2020 20:47
 Operator : JC/SP
 Sample : L4344-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F-4-09-18

Quant Time: Oct 10 06:22:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	212348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	340502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	336154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170993	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	163710	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
35) Dibromofluoromethane	5.46	113	120311	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	8.70	98	417198	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	165622	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.24	85	57	1.641	ug/l #	43
3) Chloromethane	1.31	50	1393	0.700	ug/l	92
5) Bromomethane	1.65	94	1149	0.927	ug/l #	71
6) Chloroethane	1.73	64	1644	1.103	ug/l #	45
8) Diethyl Ether	2.15	74	79	1.093	ug/l #	1
10) Methyl Iodide	2.50	142	859	4.348	ug/l #	95
11) Tert butyl alcohol	3.01	59	644	1.306	ug/l #	90
12) 1,1-Dichloroethene	2.36	96	116	0.763	ug/l #	1
13) Acrolein	2.26	56	605	1.474	ug/l #	71
14) Allyl chloride	2.68	41	109767	30.871	ug/l #	40
15) Acrylonitrile	3.12	53	576	0.551	ug/l #	70
16) Acetone	2.42	43	40483	29.675	ug/l	98
17) Carbon Disulfide	2.56	76	1619	0.282	ug/l #	73
18) Methyl Acetate	2.75	43	12867	4.942	ug/l	93
20) Methylene Chloride	2.82	84	486	0.719	ug/l #	27
25) 2-Butanone	4.64	43	36351	21.429	ug/l	97
28) Bromochloromethane	4.97	49	94	1.570	ug/l #	6
29) Tetrahydrofuran	5.09	42	2017	2.216	ug/l #	82
31) Cyclohexane	5.63	56	5305	1.814	ug/l #	43
36) 1,1-Dichloropropene	5.63	75	17082	4.771	ug/l #	52
37) Ethyl Acetate	4.64	43	36351	10.515	ug/l #	69
38) Carbon Tetrachloride	5.62	117	23901	5.386	ug/l #	19
48) Methyl methacrylate	7.74	41	793	0.272	ug/l #	32
49) 1,4-Dioxane	7.68	88	19	0.465	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	801	0.239	ug/l #	62
56) Ethyl methacrylate	9.13	69	72	2.952	ug/l #	1
59) 2-Hexanone	9.57	43	1742	0.682	ug/l	70
64) Tetrachloroethene	9.33	164	223	Below Cal	#	30
65) Chlorobenzene	10.12	112	1936	0.267	ug/l	94
76) 1,2,3-Trichloropropane	11.12	75	89711	24.349	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	89711	69.004	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	12.96	75	305	0.320	ug/l #	4
95) Naphthalene	13.82	128	412	3.110	ug/l #	65

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Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

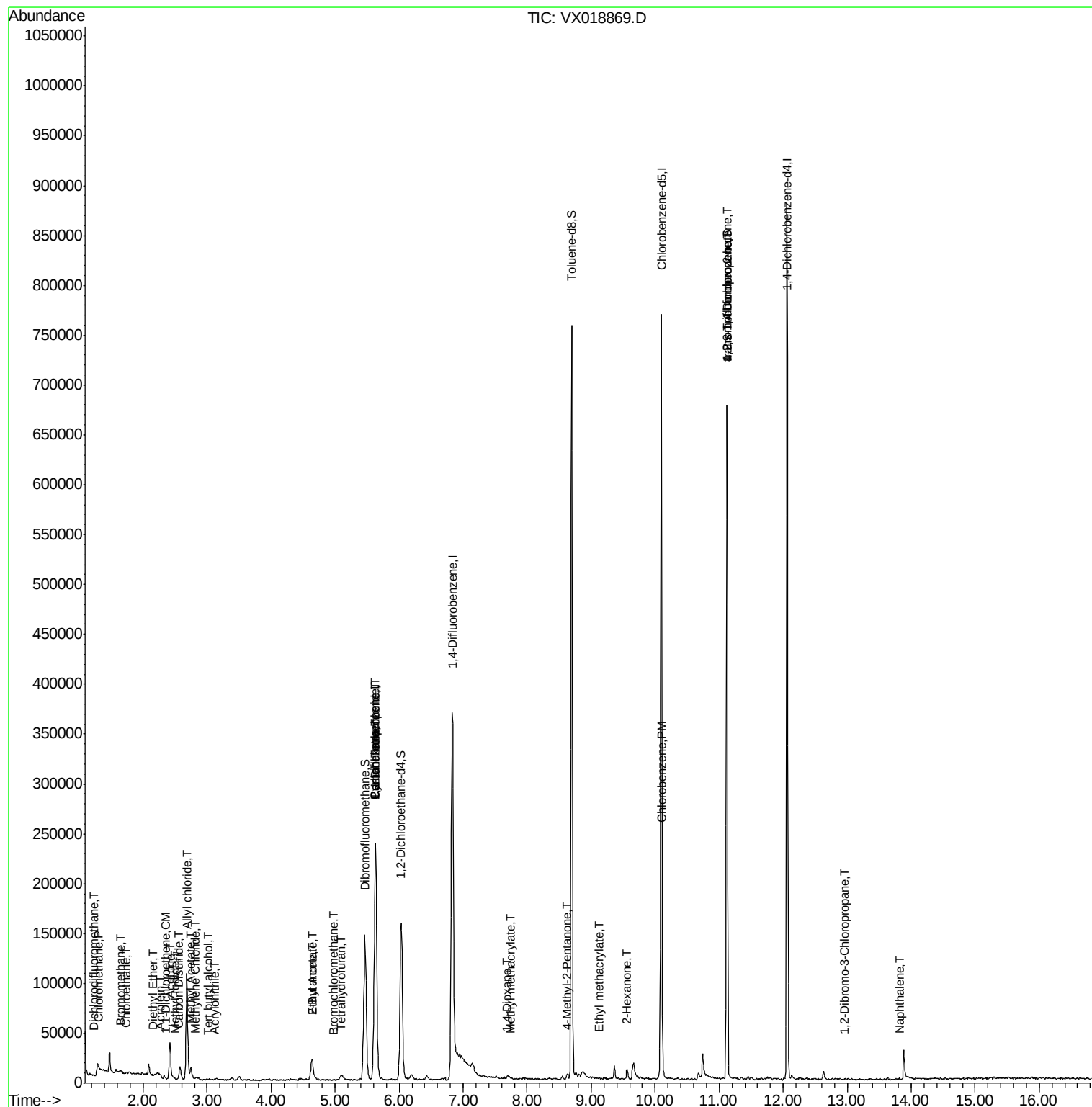
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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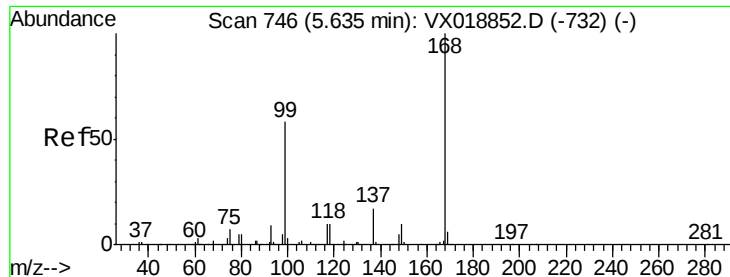
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

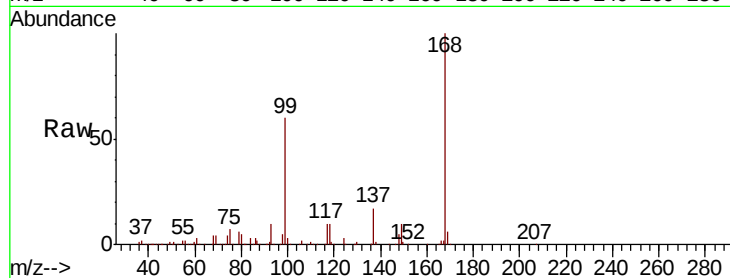
F-4-09-18

Tot Ion:168 Resp: 212348

Ion Ratio Lower Upper

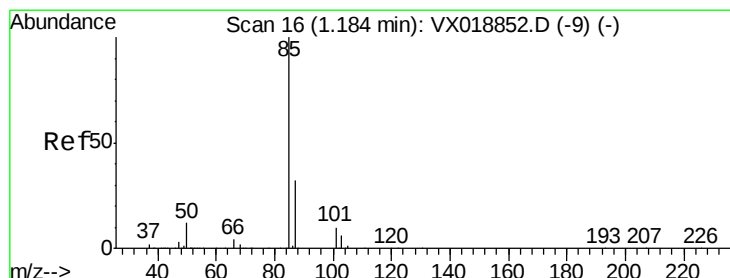
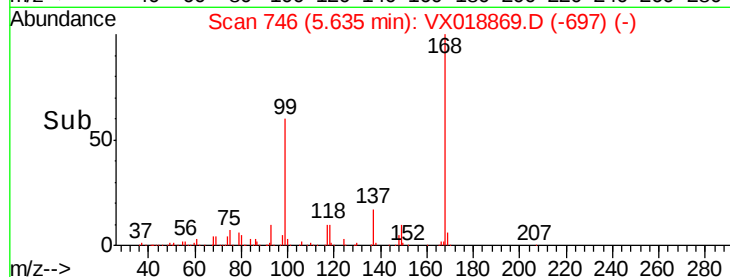
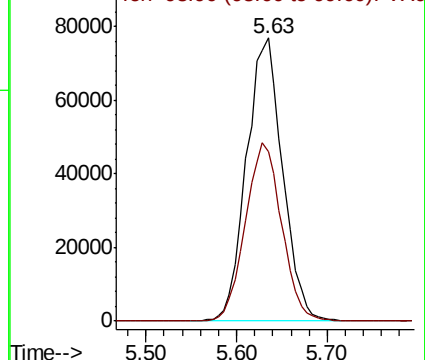
168 100

99 59.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.641 ug/l

RT: 1.24 min Scan# 25

Delta R.T. 0.06 min

Lab File: VX018869.D

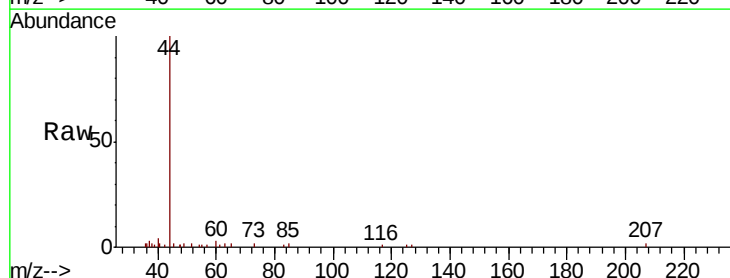
Acq: 09 Oct 2020 20:47

Tgt Ion: 85 Resp: 57

Ion Ratio Lower Upper

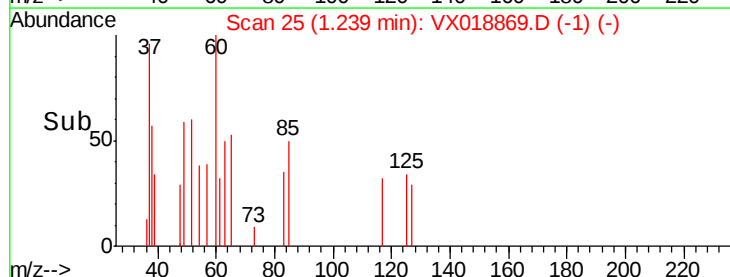
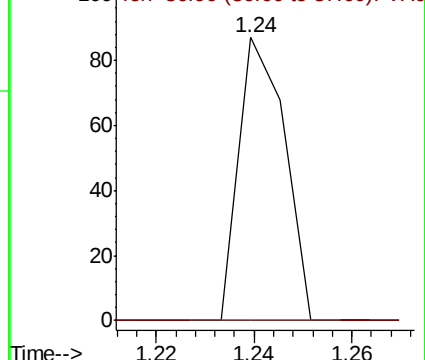
85 100

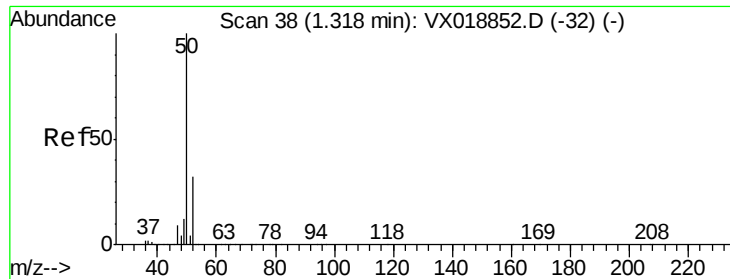
87 0.0 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.700 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

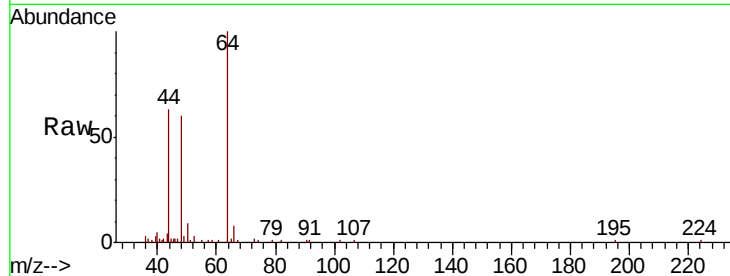
F-4-09-18

Tot Ion: 50 Resp: 1393

Ion Ratio Lower Upper

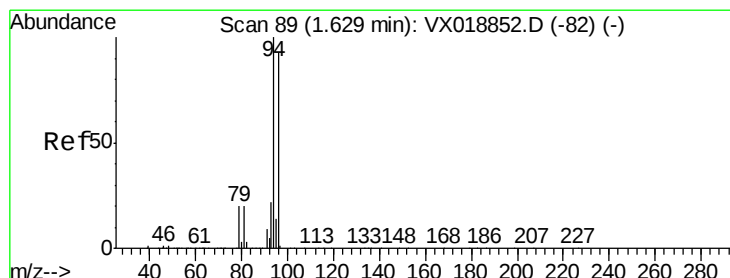
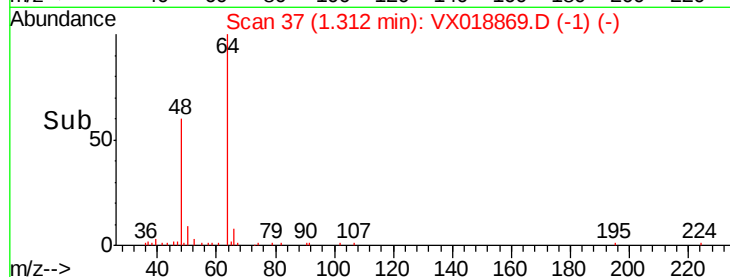
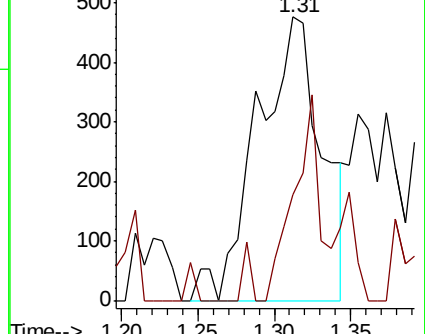
50 100

52 26.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.927 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX018869.D

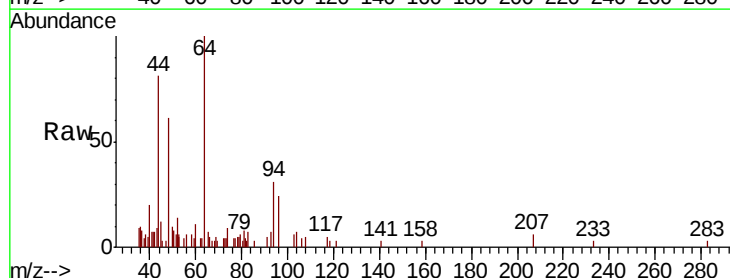
Acq: 09 Oct 2020 20:47

Tgt Ion: 94 Resp: 1149

Ion Ratio Lower Upper

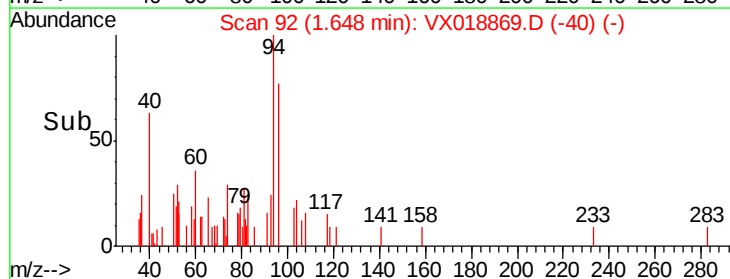
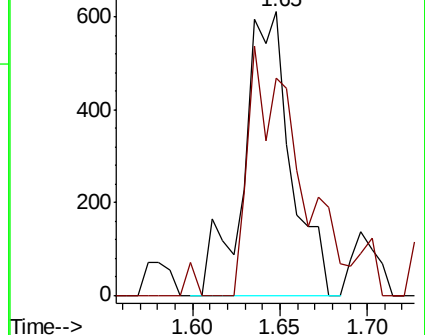
94 100

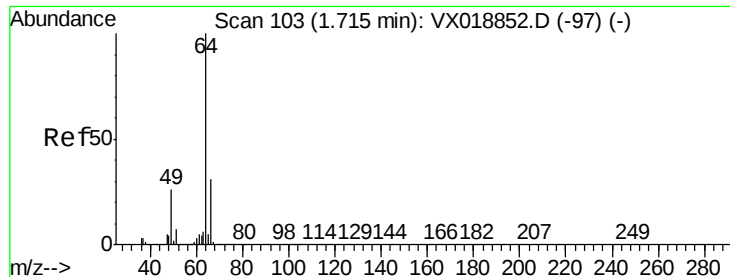
96 65.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 1.103 ug/l

RT: 1.73 min Scan# 105

Delta R.T. 0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

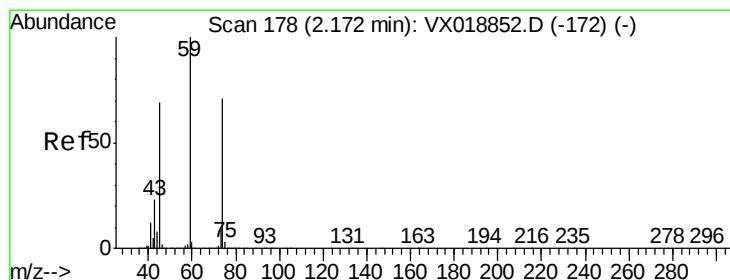
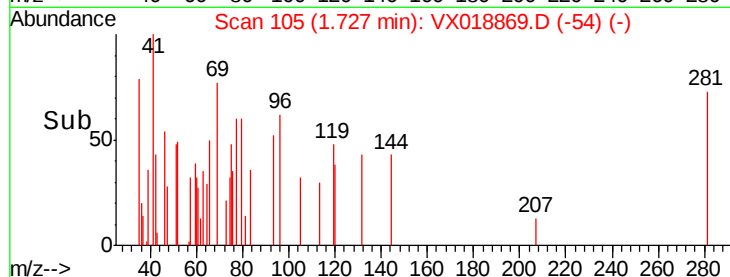
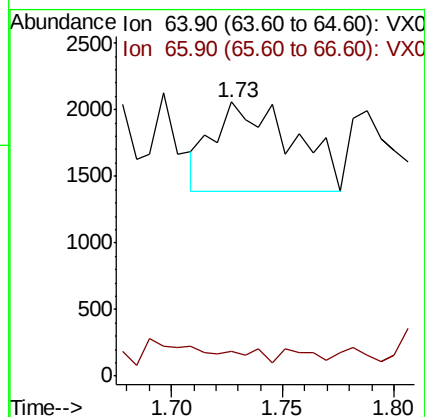
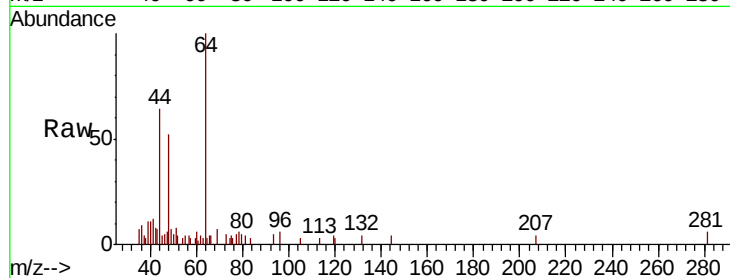
F-4-09-18

Tot Ion: 64 Resp: 1644

Ion Ratio Lower Upper

64 100

66 0.9 24.7 37.1#



#8

Diethyl Ether

Concen: 1.093 ug/l

RT: 2.15 min Scan# 174

Delta R.T. -0.02 min

Lab File: VX018869.D

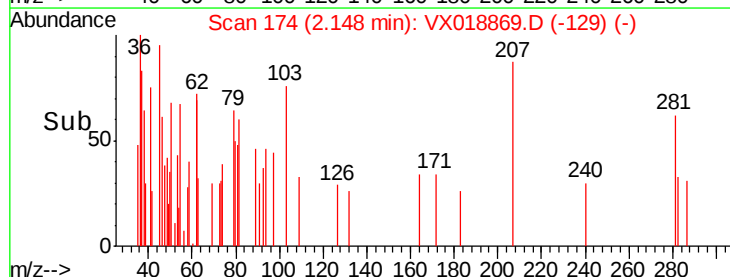
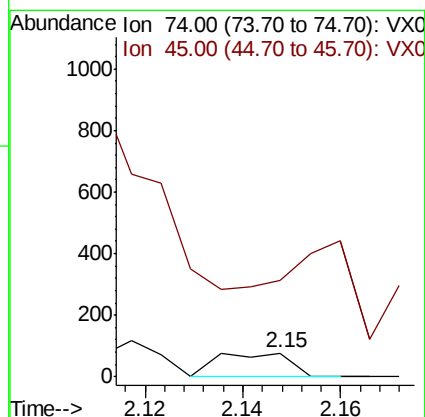
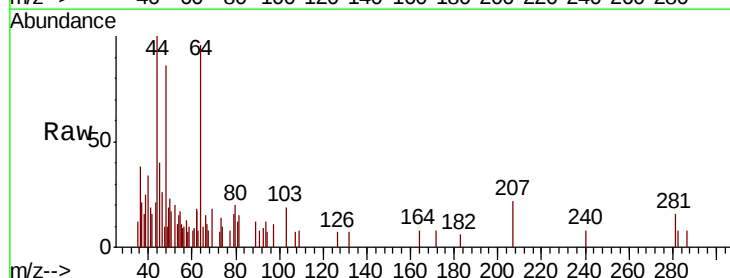
Acq: 09 Oct 2020 20:47

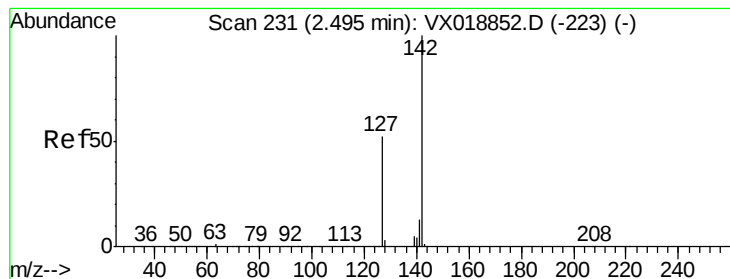
Tgt Ion: 74 Resp: 79

Ion Ratio Lower Upper

74 100

45 365.8 47.0 141.2#





#10

Methvl Iodide

Concen: 4.348 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

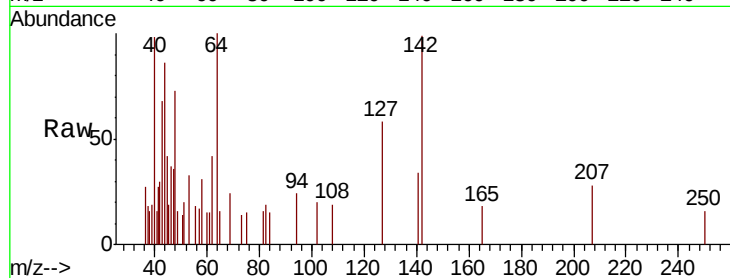
Tot Ion:142 Resp: 859

Ion Ratio Lower Upper

142 100

127 55.5 42.0 63.0

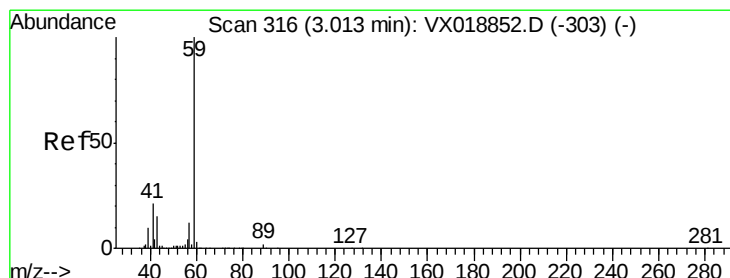
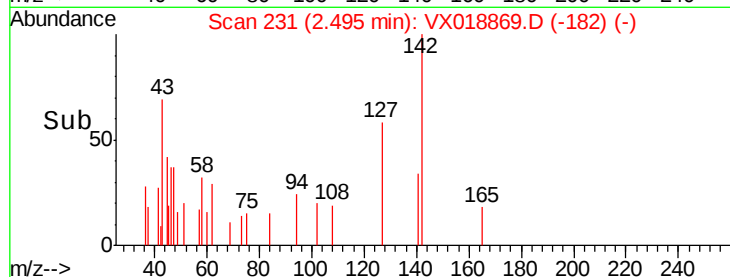
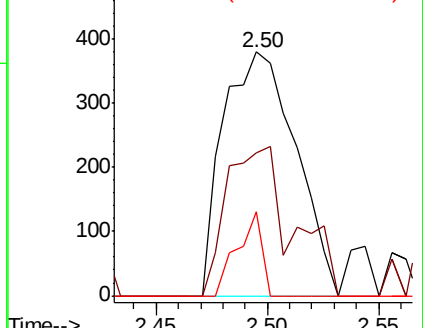
141 11.6 11.8 17.6#



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: 1.306 ug/l

RT: 3.01 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX018869.D

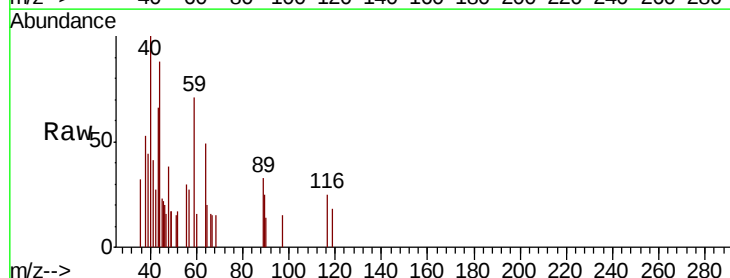
Acq: 09 Oct 2020 20:47

Tgt Ion: 59 Resp: 644

Ion Ratio Lower Upper

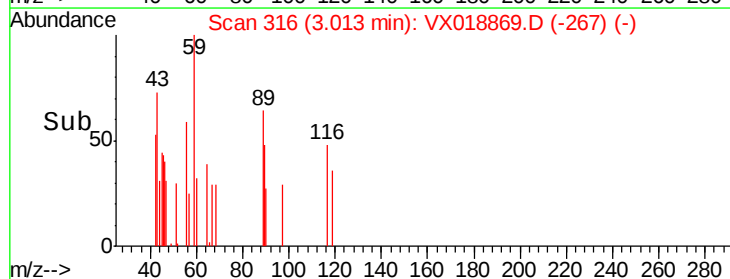
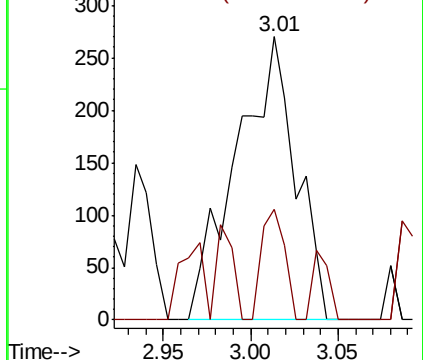
59 100

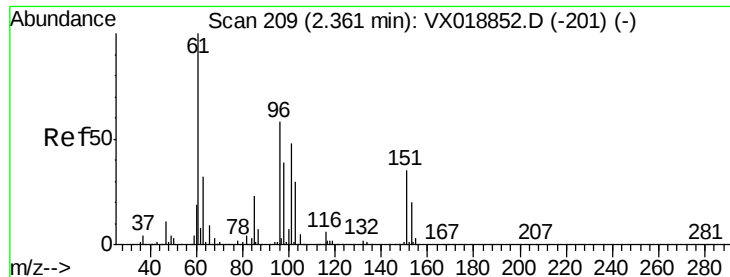
57 15.1 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.763 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

F-4-09-18

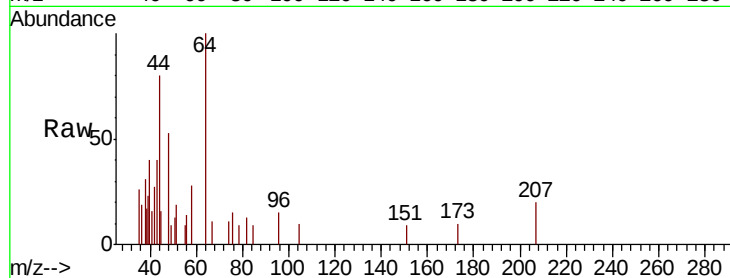
Tot Ion: 96 Resp: 116

Ion Ratio Lower Upper

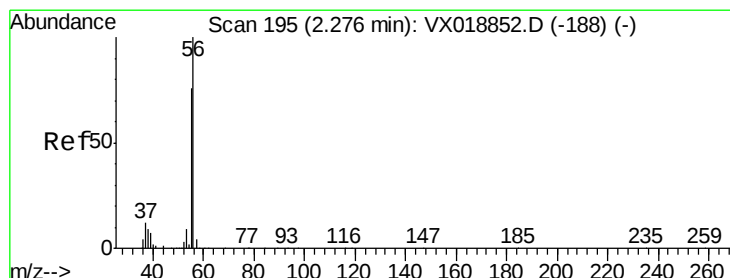
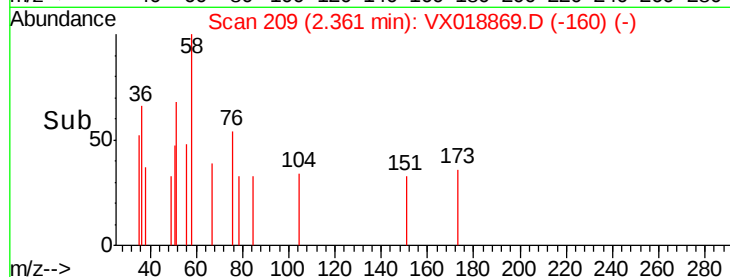
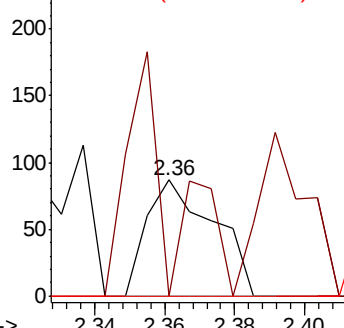
96 100

61 0.0 137.0 205.6#

98 0.0 53.9 80.9#



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: 1.474 ug/l

RT: 2.26 min Scan# 193

Delta R.T. -0.01 min

Lab File: VX018869.D

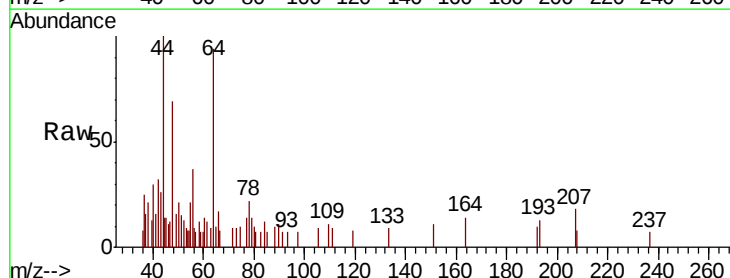
Acq: 09 Oct 2020 20:47

Tgt Ion: 56 Resp: 605

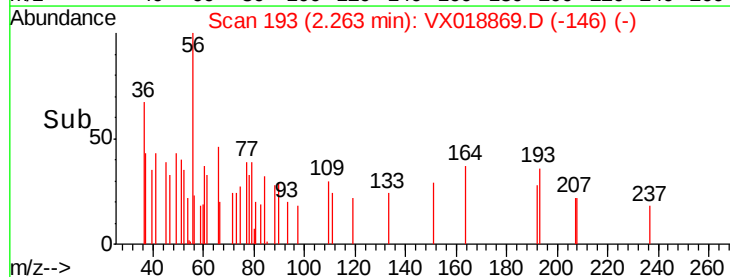
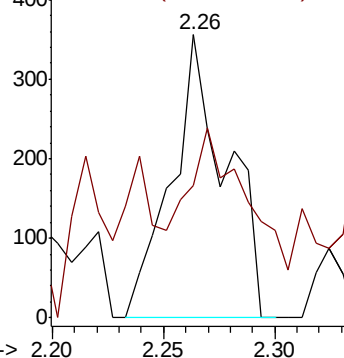
Ion Ratio Lower Upper

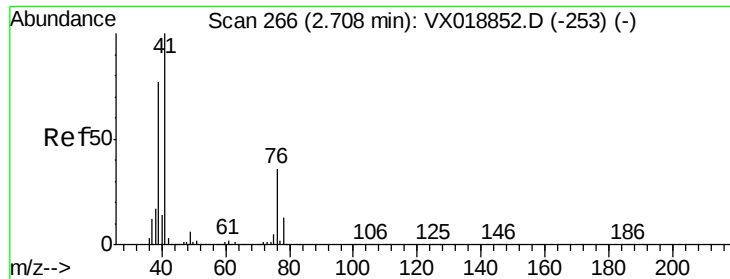
56 100

55 49.1 58.6 87.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0

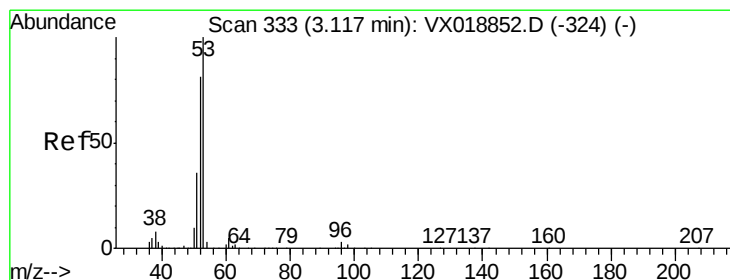
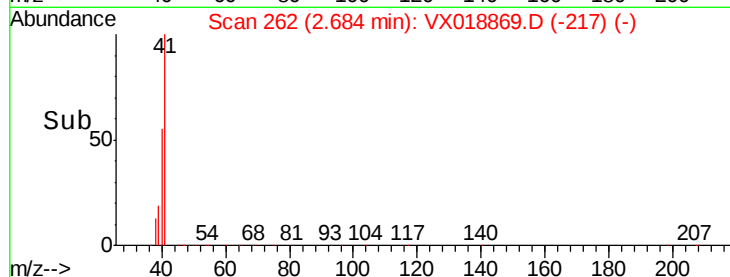
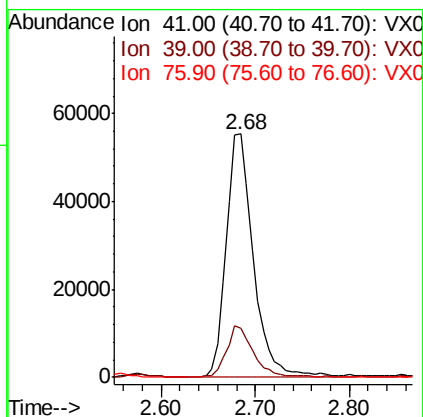
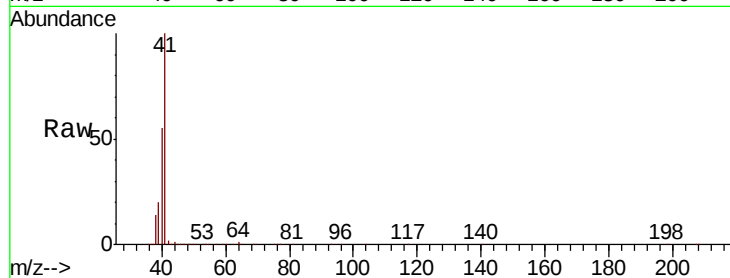




#14
Allvl chloride
Concen: 30.871 ug/l
RT: 2.68 min Scan# 262
Delta R.T. -0.02 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

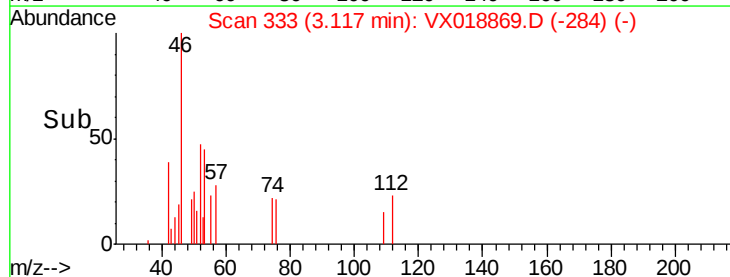
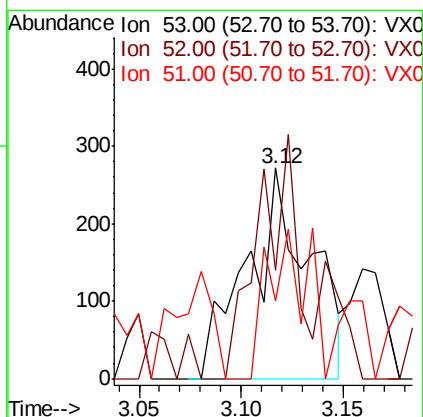
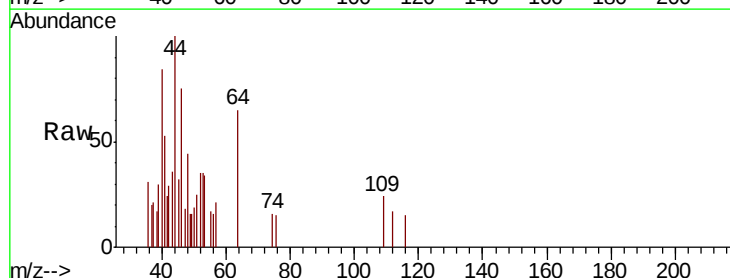
Instrument :
MSVOA_X
ClientSampleId :
F-4-09-18

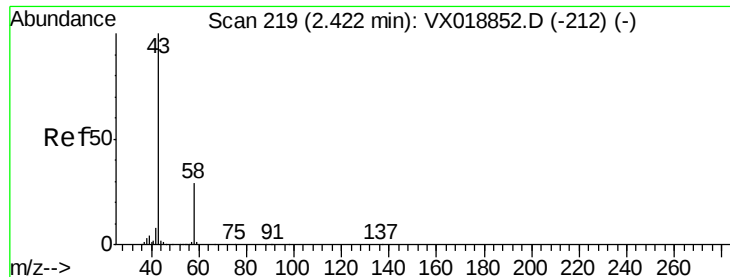
Tot Ion: 41 Resp: 109767
Ion Ratio Lower Upper
41 100
39 21.3 57.8 86.8#
76 0.0 26.8 40.2#



#15
Acrylonitrile
Concen: 0.551 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Tgt Ion: 53 Resp: 576
Ion Ratio Lower Upper
53 100
52 70.1 66.7 100.1
51 0.0 30.3 45.5#





#16

Acetone

Concen: 29.675 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

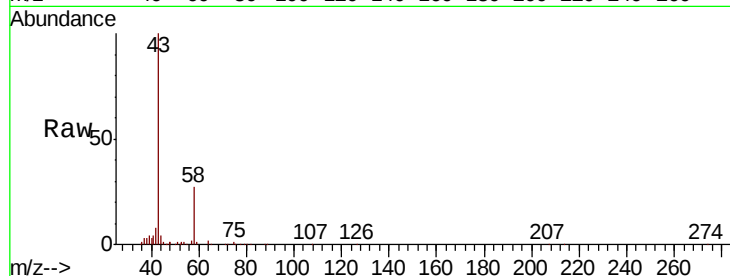
F-4-09-18

Tot Ion: 43 Resp: 40483

Ion Ratio Lower Upper

43 100

58 27.4 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

25000

20000

15000

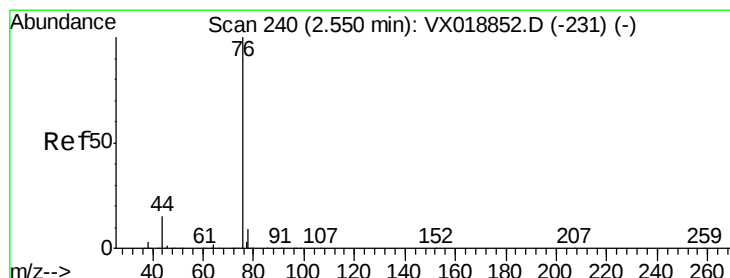
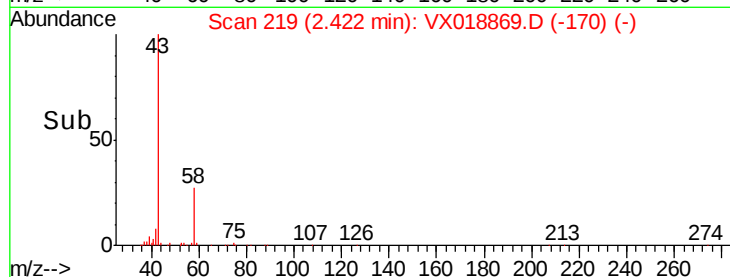
10000

5000

0

Time--> 2.30 2.40 2.50

2.42



#17

Carbon Disulfide

Concen: 0.282 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018869.D

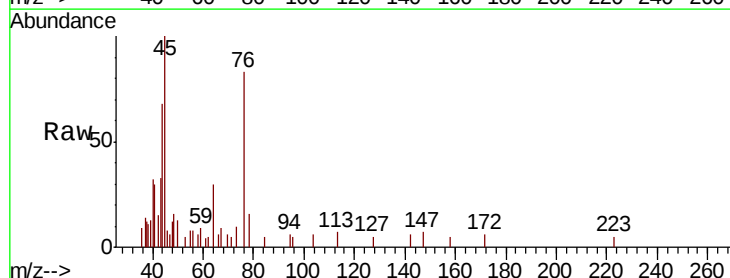
Acq: 09 Oct 2020 20:47

Tgt Ion: 76 Resp: 1619

Ion Ratio Lower Upper

76 100

78 18.7 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1000

800

600

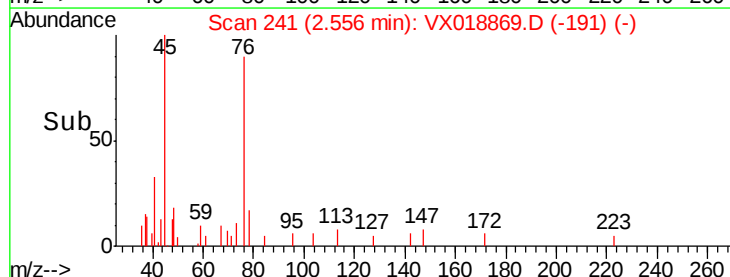
400

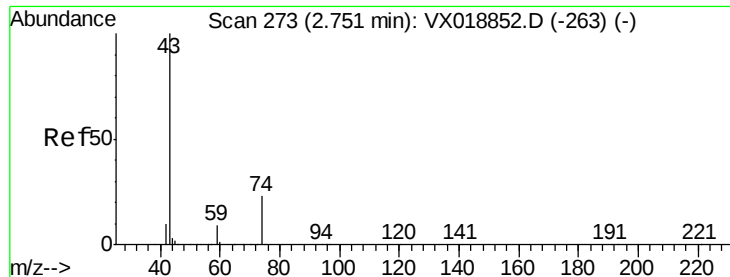
200

0

Time--> 2.50 2.55 2.60

2.56

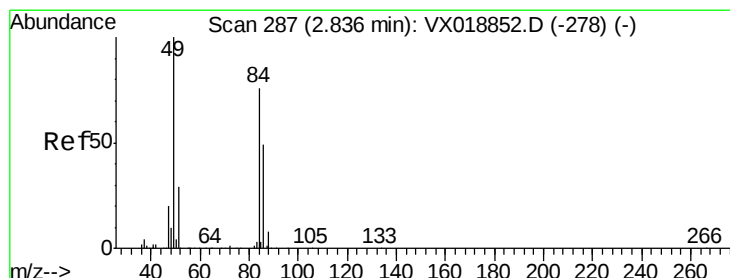
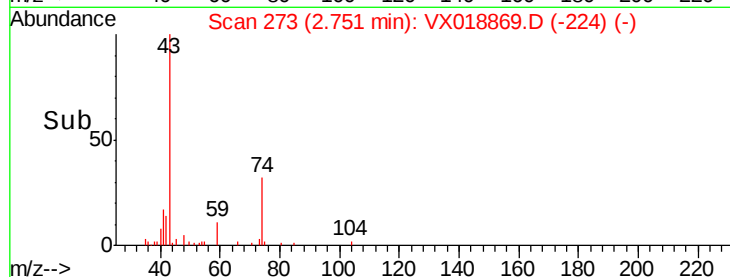
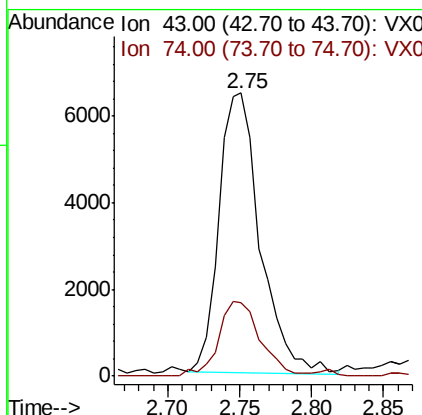
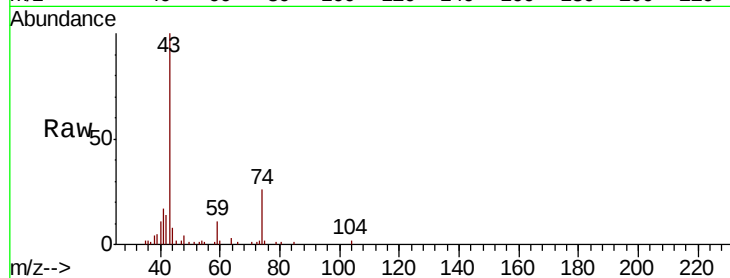




#18
Methyl Acetate
Concen: 4.942 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

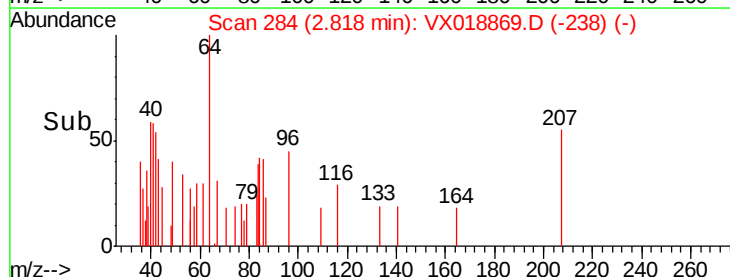
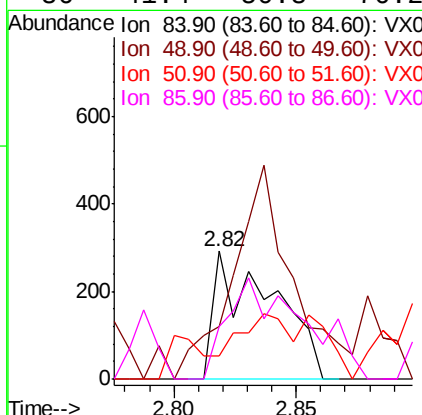
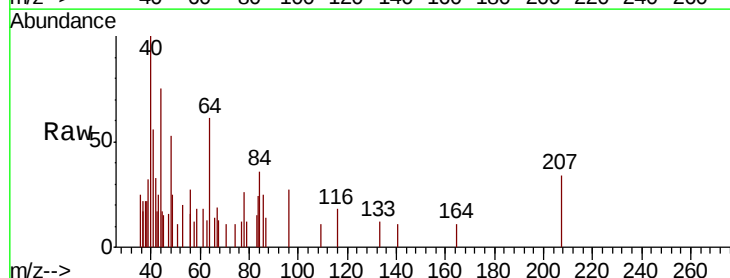
Instrument :
MSVOA_X
ClientSampled :
F-4-09-18

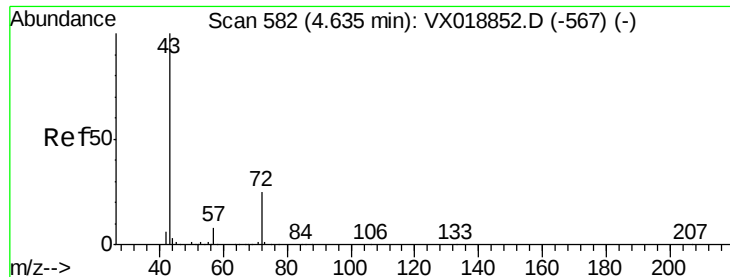
Tot Ion: 43 Resp: 12867
Ion Ratio Lower Upper
43 100
74 27.1 18.9 28.3



#20
Methylene Chloride
Concen: 0.719 ug/l
RT: 2.82 min Scan# 284
Delta R.T. -0.02 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Tgt Ion: 84 Resp: 486
Ion Ratio Lower Upper
84 100
49 17.8 104.8 157.2#
51 0.0 30.6 46.0#
86 41.4 50.8 76.2#





#25

2-Butanone

Concen: 21.429 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

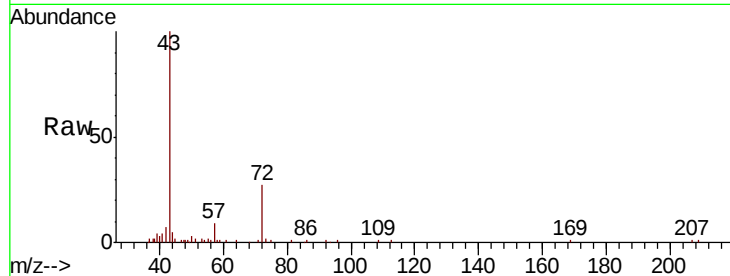
F-4-09-18

Tot Ion: 43 Resp: 36351

Ion Ratio Lower Upper

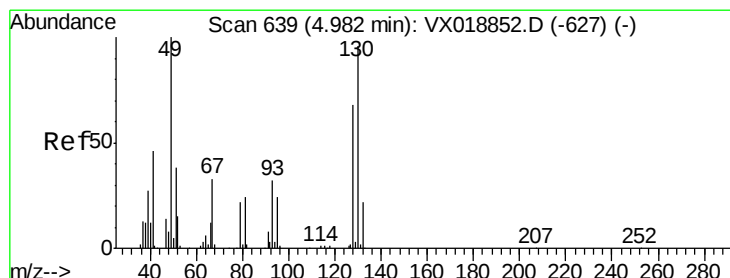
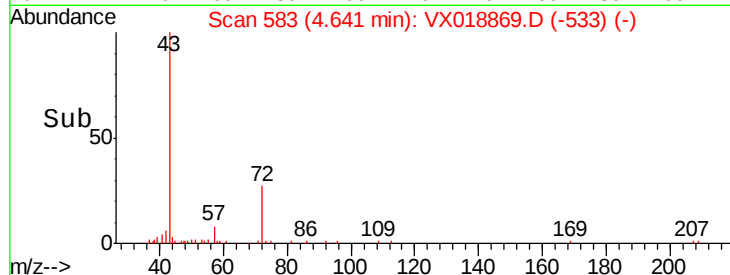
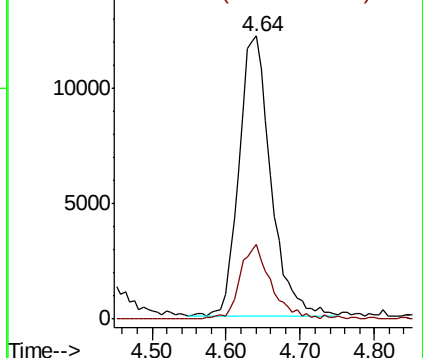
43 100

72 26.8 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: 1.570 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

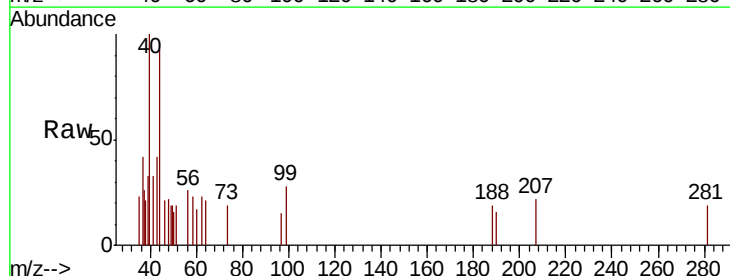
Tgt Ion: 49 Resp: 94

Ion Ratio Lower Upper

49 100

129 24.5 0.0 5.4#

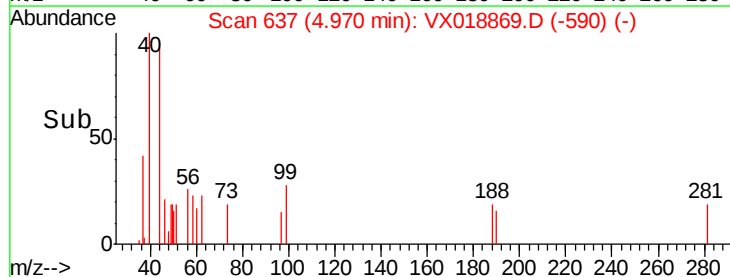
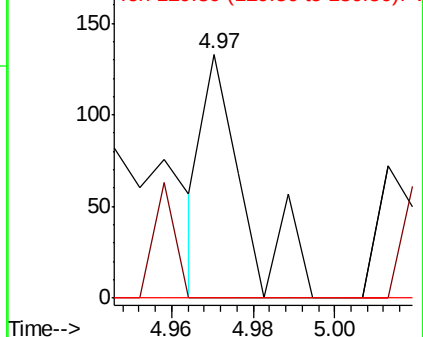
130 0.0 71.2 106.8#

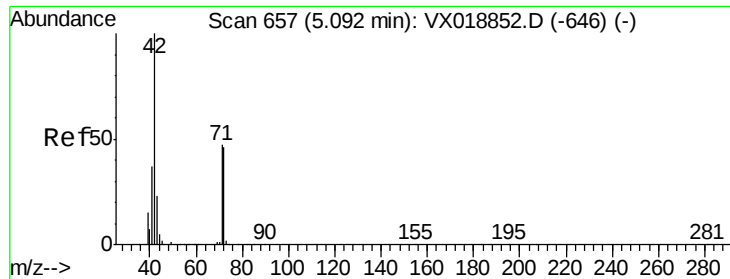


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

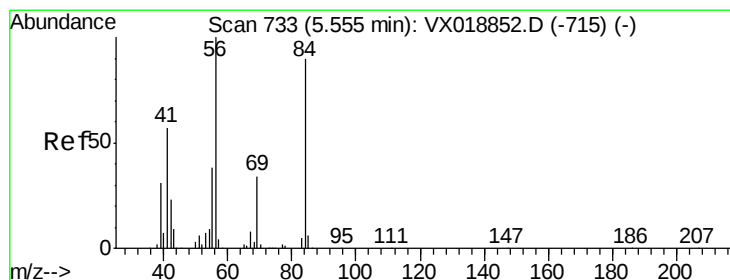
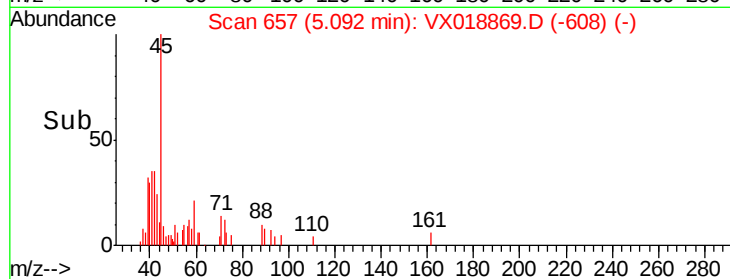
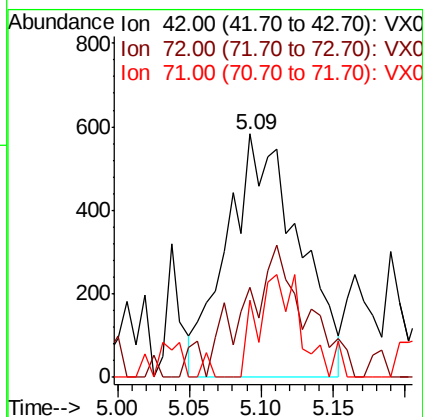
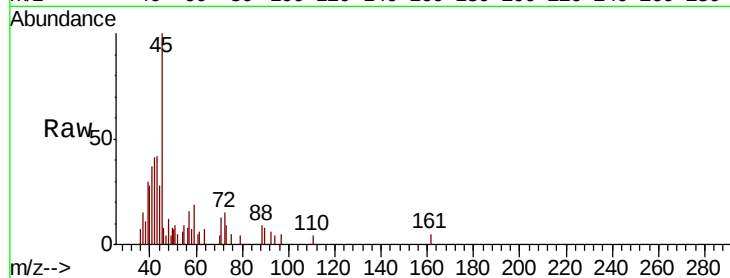




#29
Tetrahydrofuran
Concen: 2.216 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

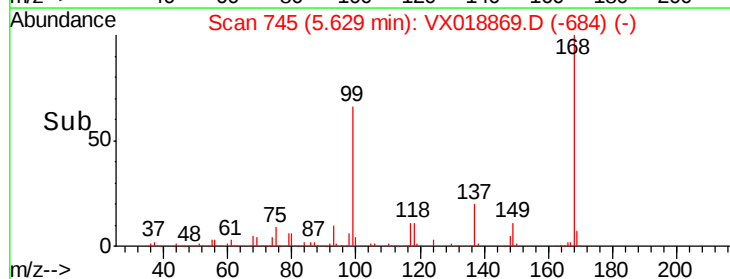
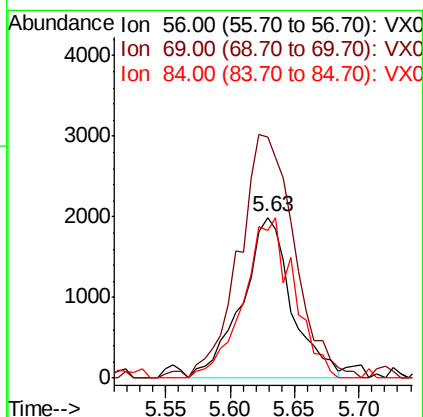
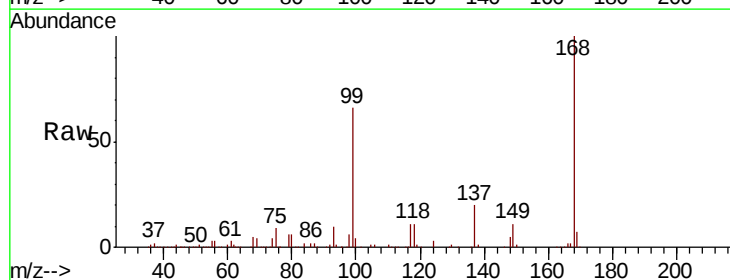
Instrument :
MSVOA_X
ClientSampled :
F-4-09-18

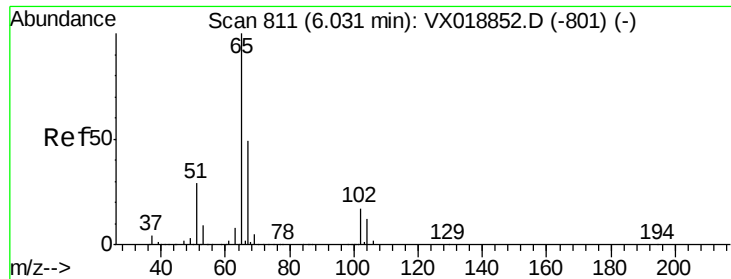
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	36.4	54.6
71	26.2	35.2	52.8#



#31
Cyclohexane
Concen: 1.814 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Tgt Ion	Ratio	Lower	Upper
56	100		
69	150.1	27.1	40.7#
84	91.7	71.7	107.5





#33

1,2-Dichloroethane-d4

Concen: 52.271 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

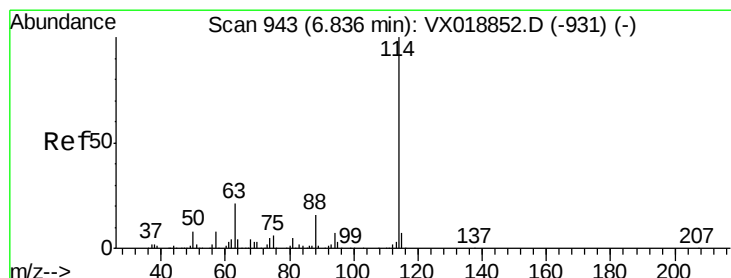
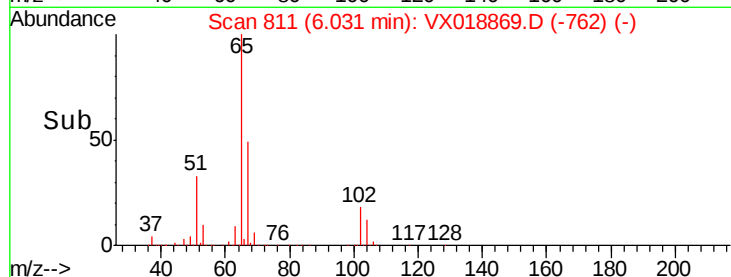
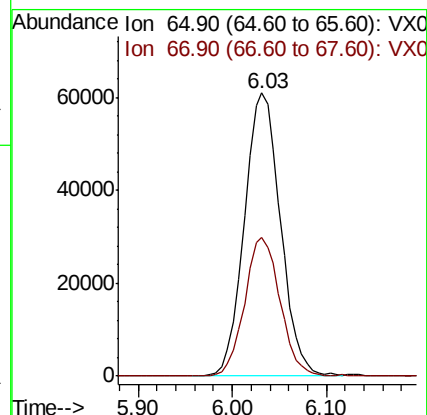
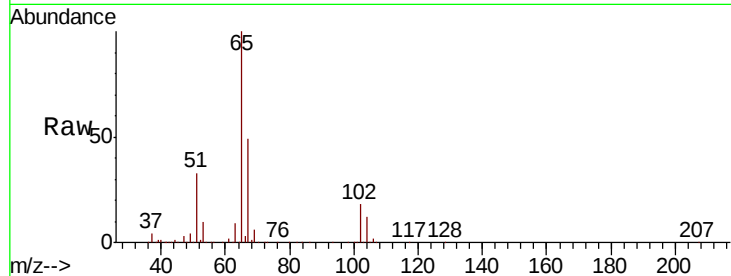
F-4-09-18

Tot Ion: 65 Resp: 163710

Ion Ratio Lower Upper

65 100

67 48.1 0.0 97.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

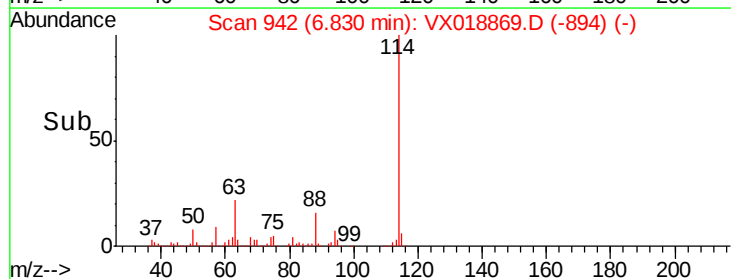
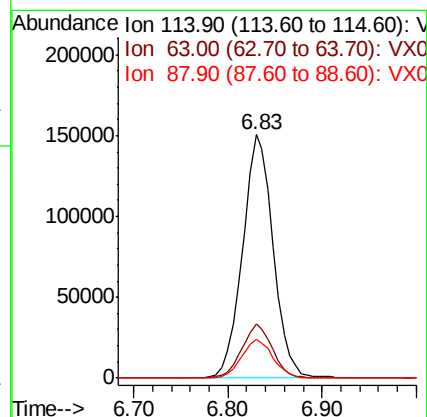
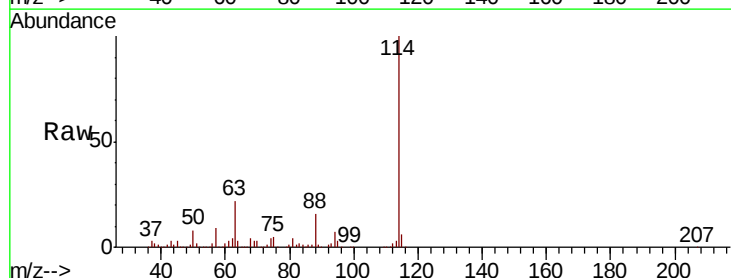
Tgt Ion: 114 Resp: 340502

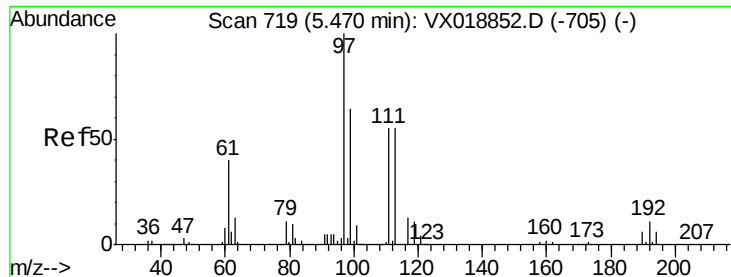
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.579 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

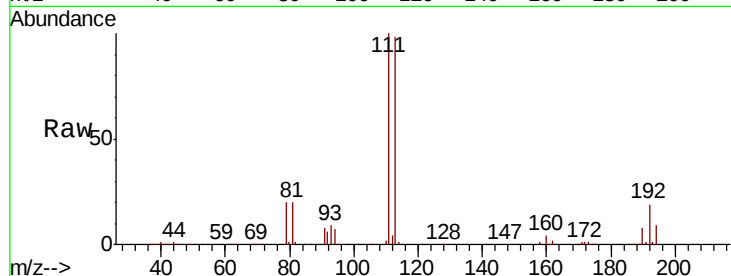
Tot Ion:113 Resp: 120311

Ion Ratio Lower Upper

113 100

111 101.6 80.1 120.1

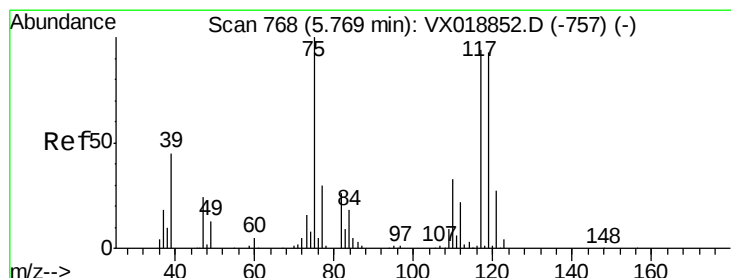
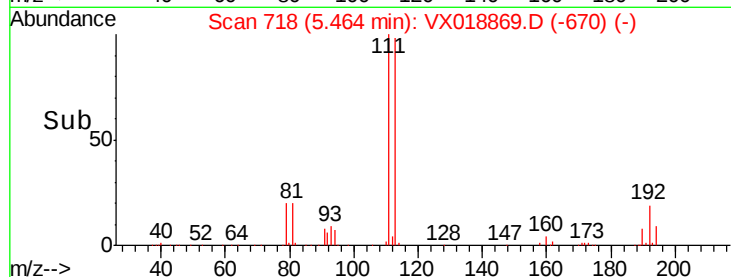
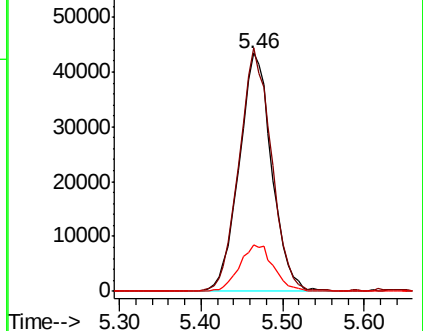
192 20.2 16.0 24.0



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: 4.771 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

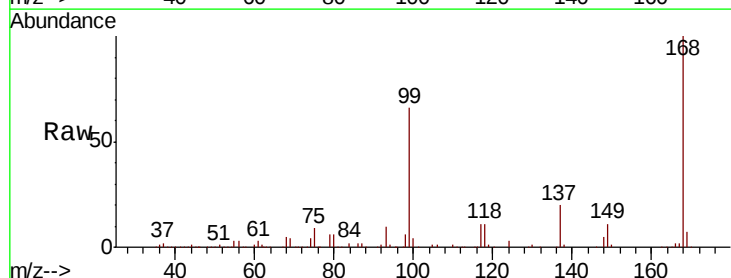
Tgt Ion: 75 Resp: 17082

Ion Ratio Lower Upper

75 100

110 11.8 17.8 53.5#

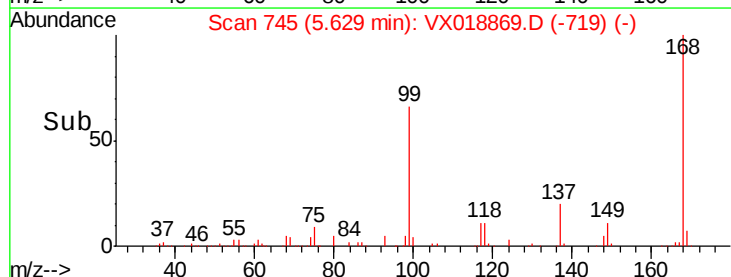
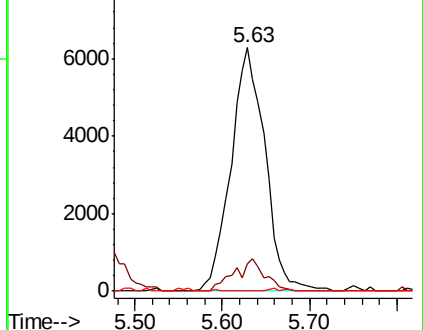
77 0.0 24.2 36.4#

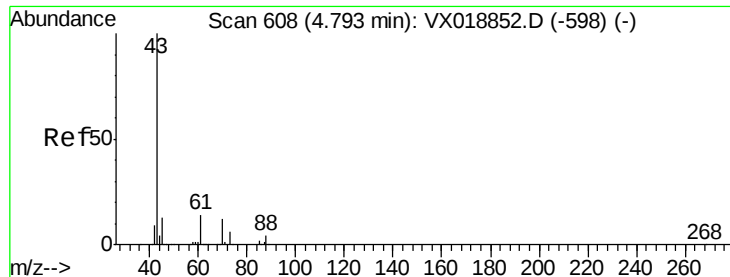


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 10.515 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.15 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

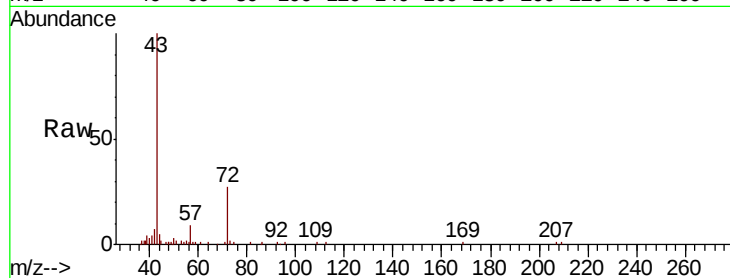
Tot Ion: 43 Resp: 36351

Ion Ratio Lower Upper

43 100

61 0.0 10.9 16.3#

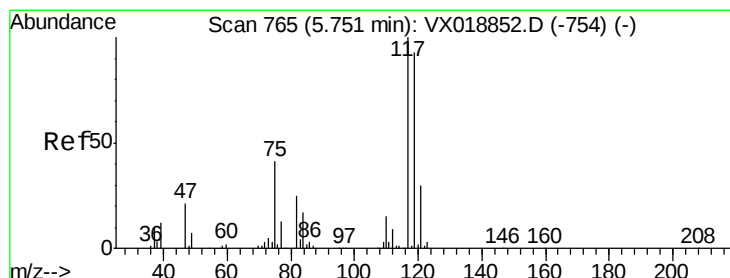
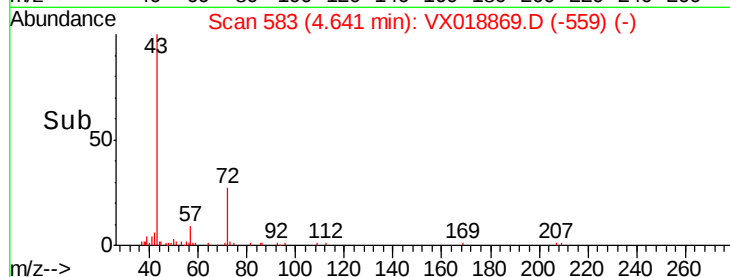
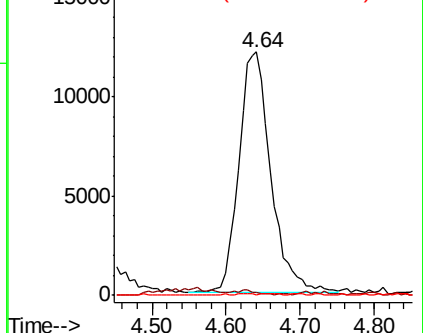
70 0.4 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.386 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

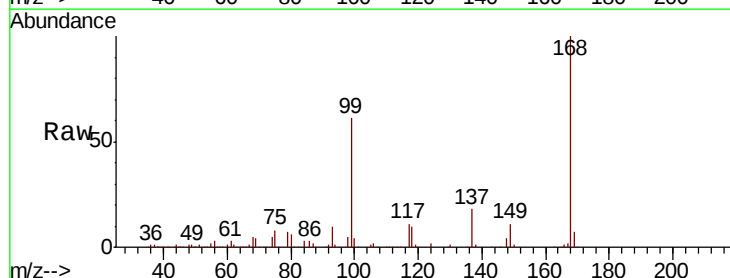
Tgt Ion: 117 Resp: 23901

Ion Ratio Lower Upper

117 100

119 7.2 73.9 110.9#

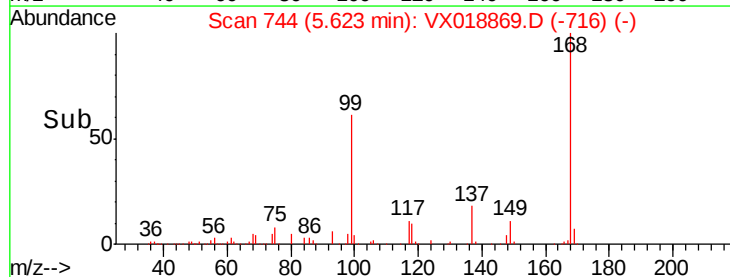
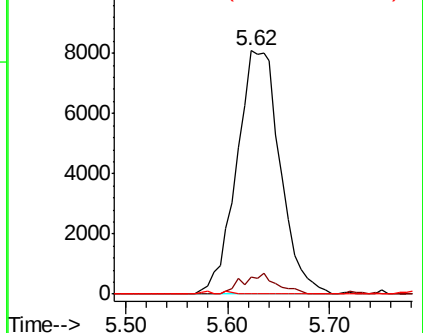
121 0.0 23.6 35.4#

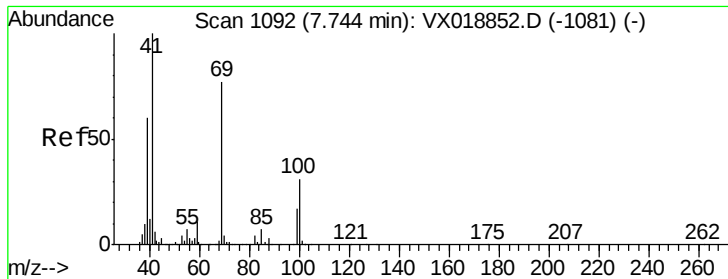


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

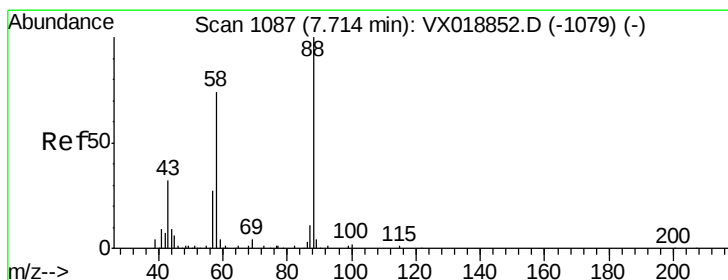
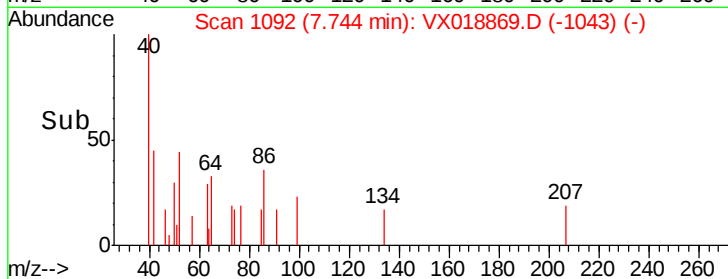
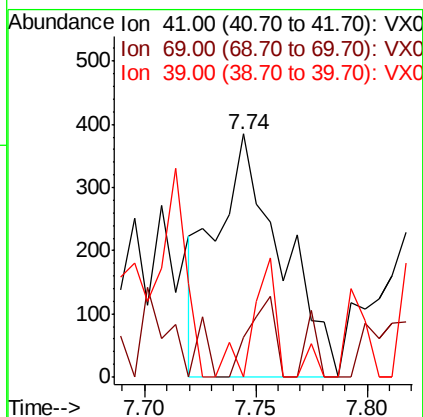
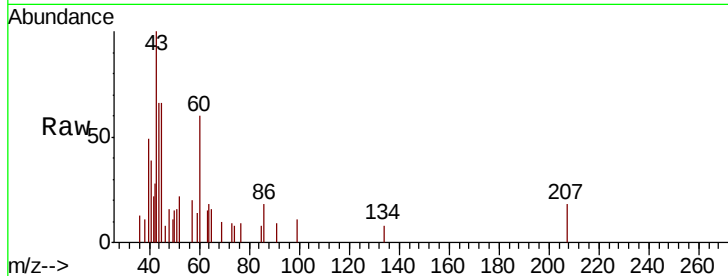




#48
Methvl methacrylate
Concen: 0.272 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

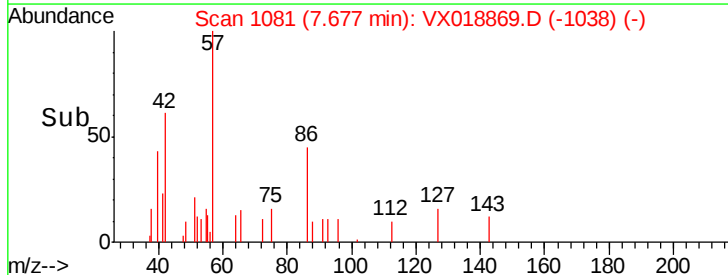
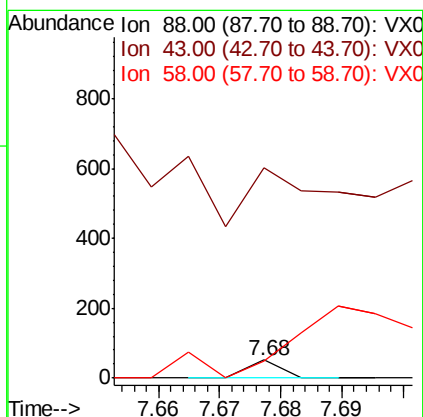
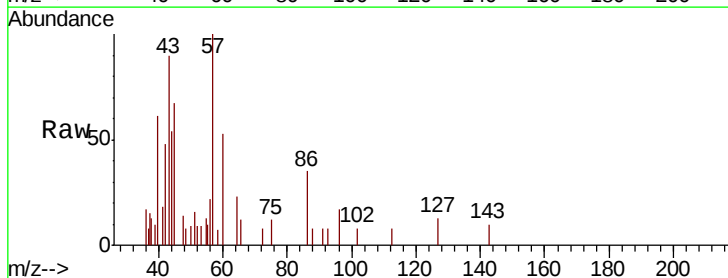
Instrument :
MSVOA_X
ClientSampled :
F-4-09-18

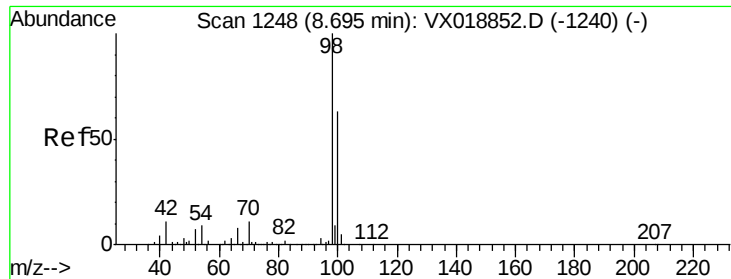
Tot Ion: 41 Resp: 793
Ion Ratio Lower Upper
41 100
69 13.1 64.6 97.0#
39 16.8 48.6 73.0#



#49
1,4-Dioxane
Concen: 0.465 ug/l
RT: 7.68 min Scan# 1081
Delta R.T. -0.04 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 1900.0 59.3 88.9#





#50

Toluene-d8

Concen: 49.564 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

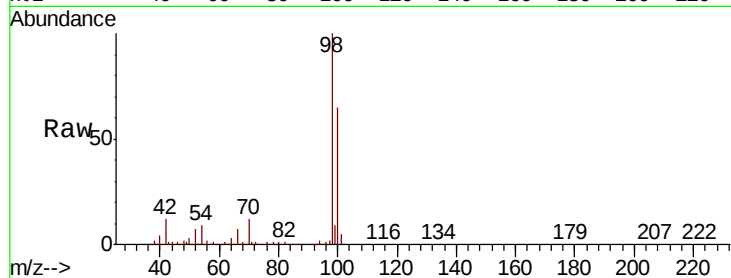
F-4-09-18

Tot Ion: 98 Resp: 417198

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

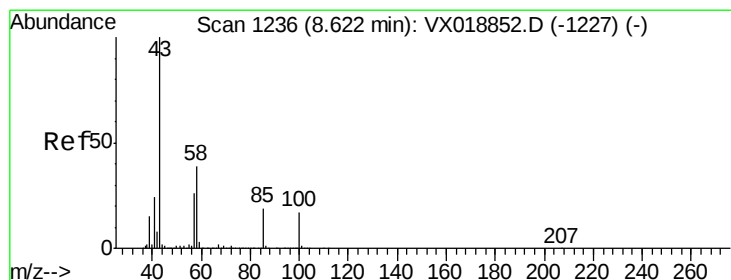
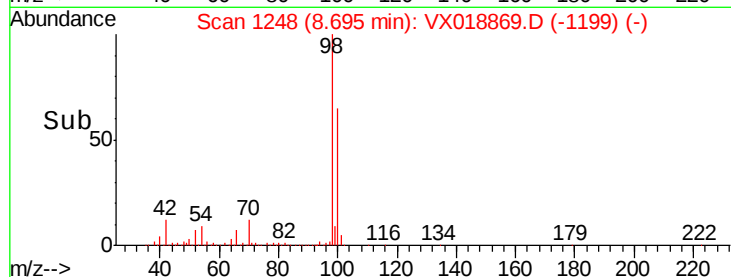
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.239 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018869.D

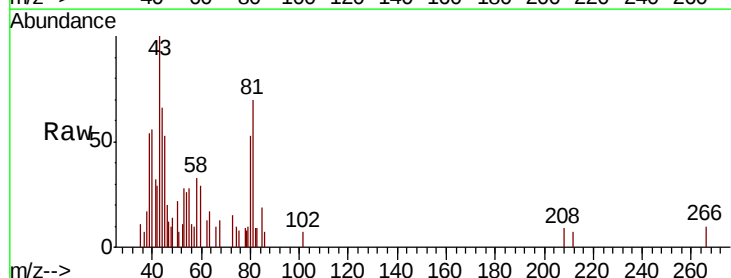
Acq: 09 Oct 2020 20:47

Tgt Ion: 43 Resp: 801

Ion Ratio Lower Upper

43 100

58 61.4 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

1200

1000

800

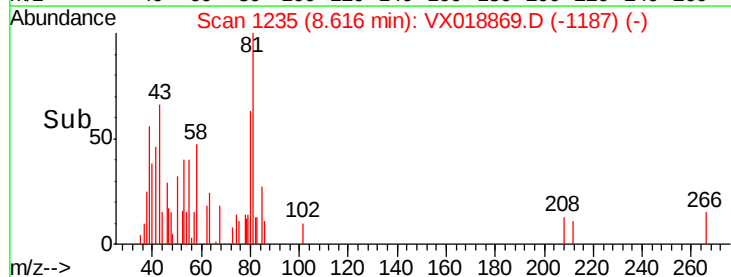
600

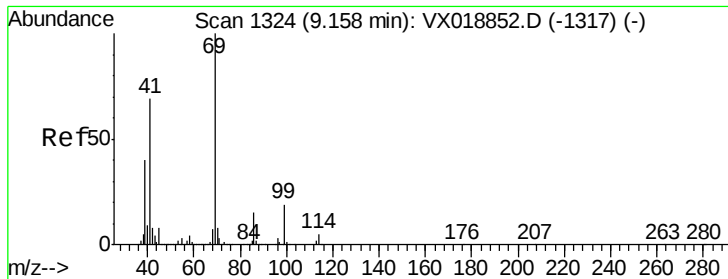
400

200

0

Time-->





#56

Ethyl methacrylate

Concen: 2.952 ug/l

RT: 9.13 min Scan# 1319

Delta R.T. -0.03 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

F-4-09-18

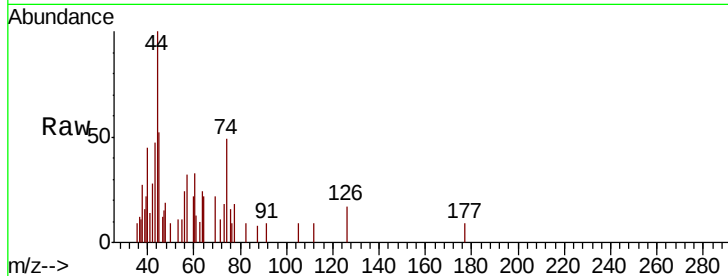
Tot Ion: 69 Resp: 72

Ion Ratio Lower Upper

69 100

41 337.5 54.6 81.8#

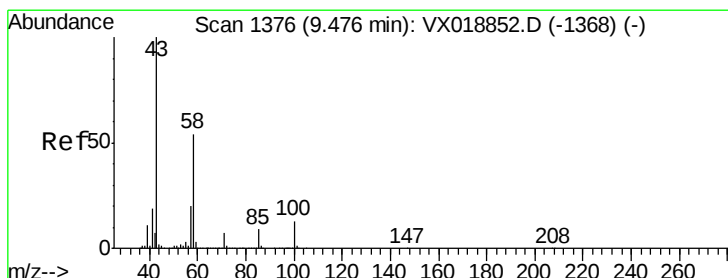
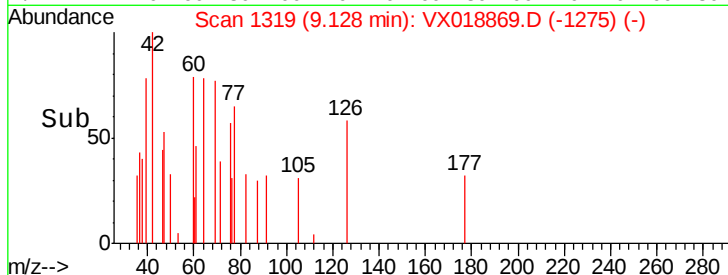
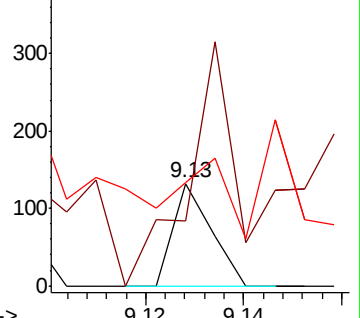
39 0.0 31.5 47.3#



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



#59

2-Hexanone

Concen: 0.682 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.09 min

Lab File: VX018869.D

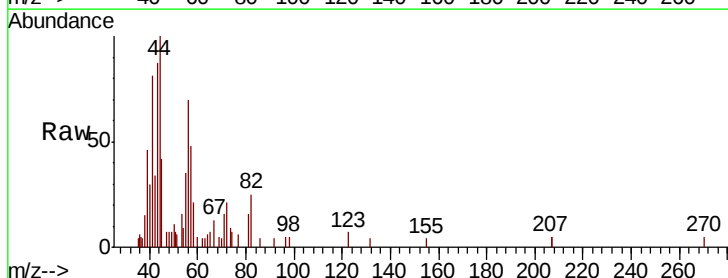
Acq: 09 Oct 2020 20:47

Tgt Ion: 43 Resp: 1742

Ion Ratio Lower Upper

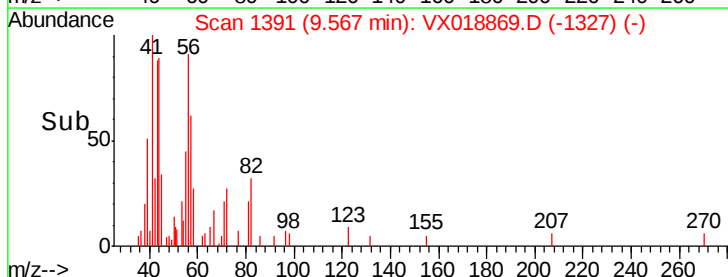
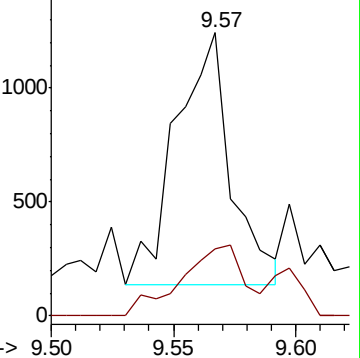
43 100

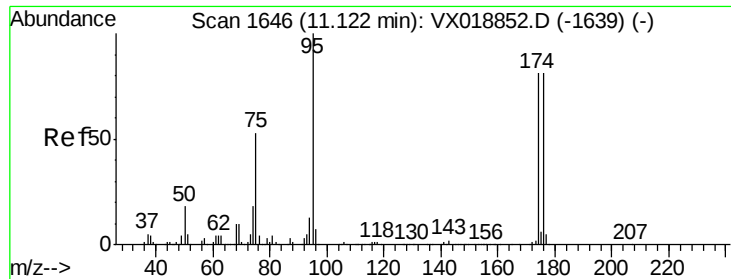
58 32.2 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.369 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

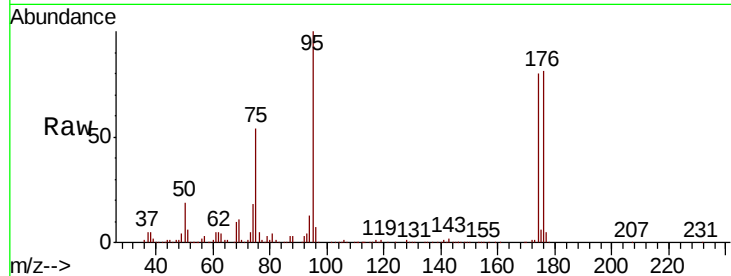
Tot Ion: 95 Resp: 165622

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

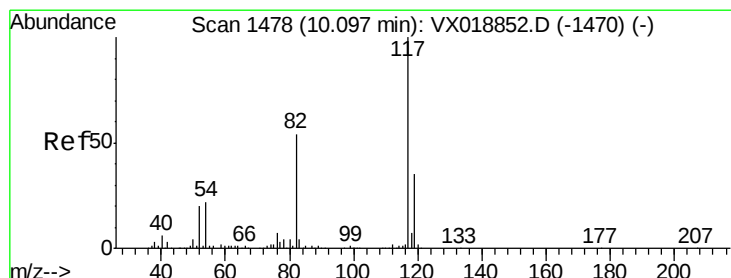
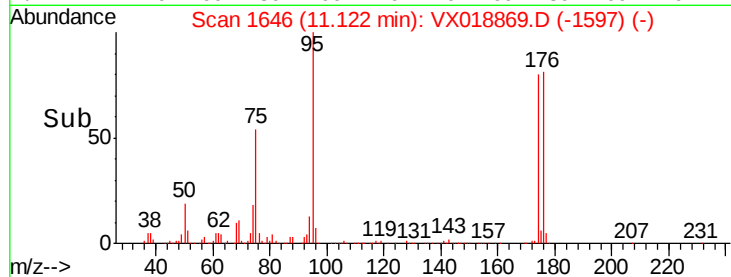
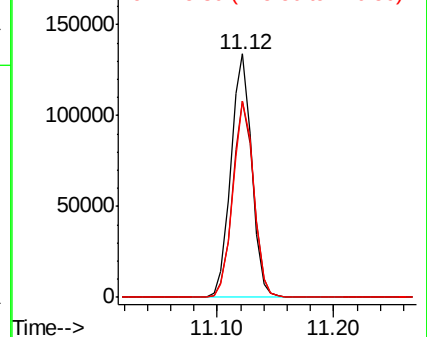
176 81.2 0.0 161.2



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: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

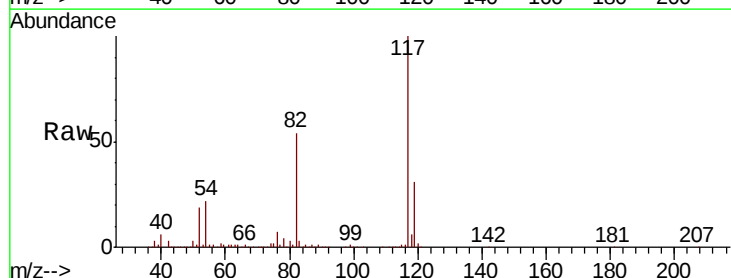
Tgt Ion: 117 Resp: 336154

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.2

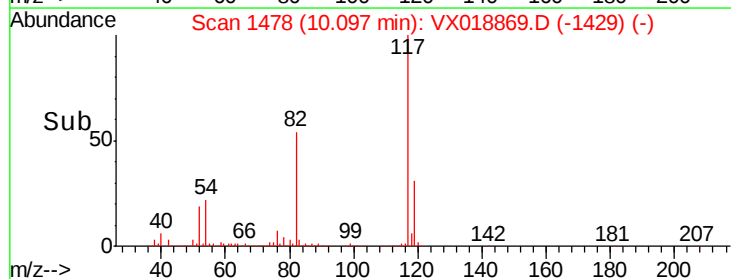
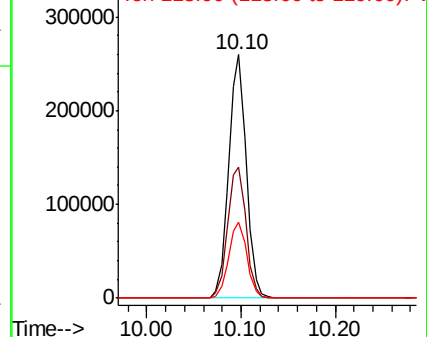
119 31.3 28.3 42.5

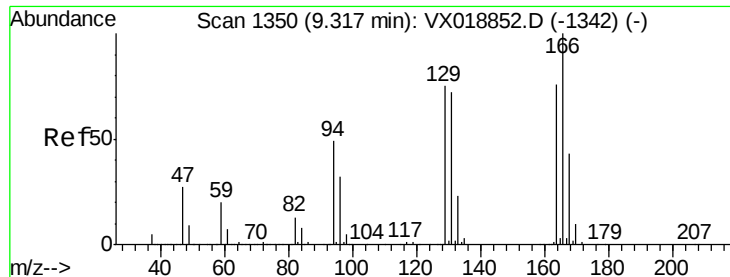


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: Below Cal

RT: 9.33 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

Tot Ion:164 Resp: 223

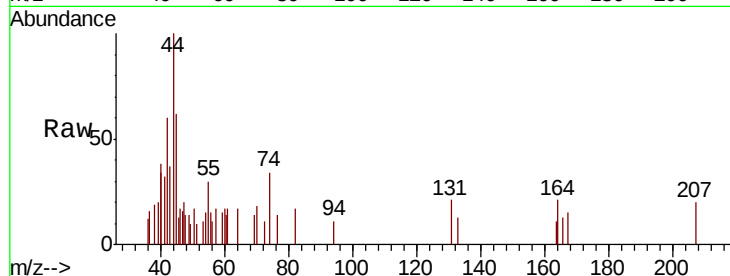
Ion Ratio Lower Upper

164 100

166 41.5 105.4 158.0#

129 0.0 79.0 118.6#

131 65.3 75.7 113.5#

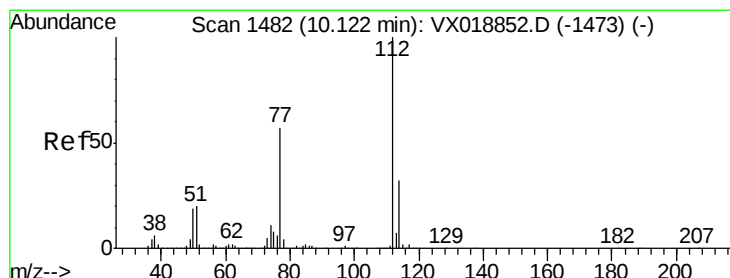
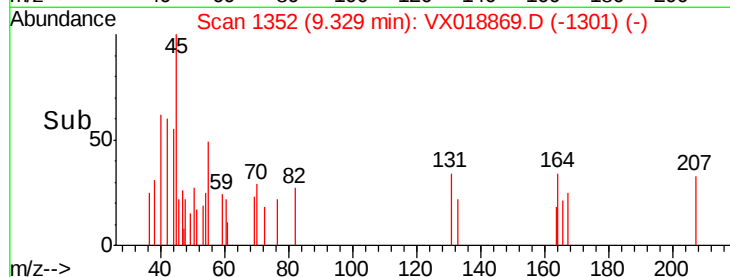
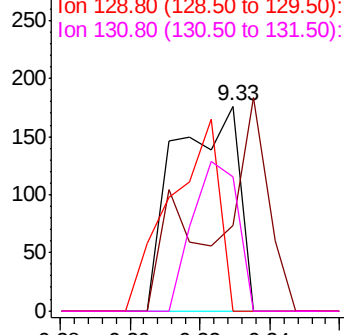


Abundance Ion 163.80 (163.50 to 164.50): V

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: 0.267 ug/l

RT: 10.12 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VX018869.D

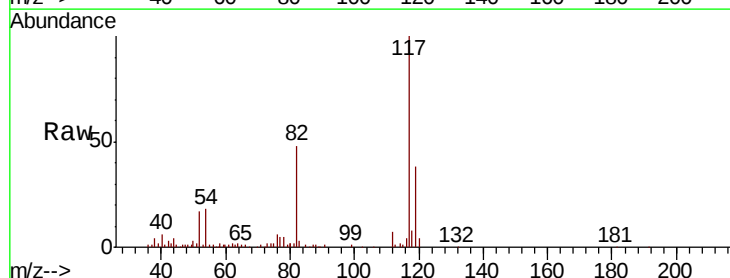
Acq: 09 Oct 2020 20:47

Tgt Ion:112 Resp: 1936

Ion Ratio Lower Upper

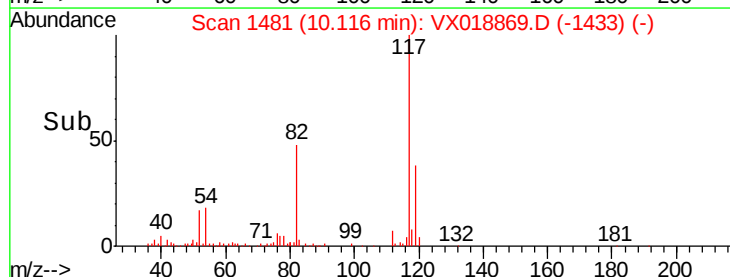
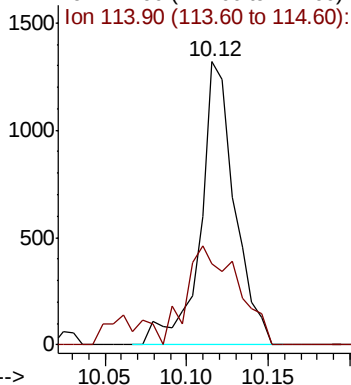
112 100

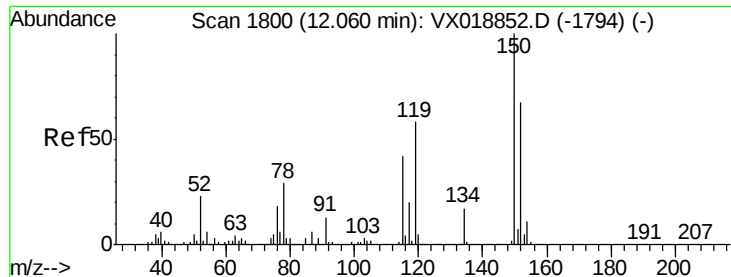
114 28.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

F-4-09-18

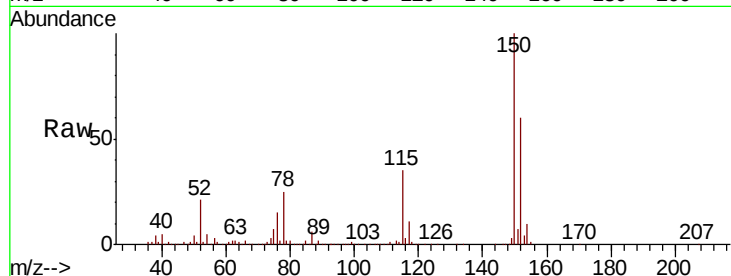
Tot Ion:152 Resp: 170993

Ion Ratio Lower Upper

152 100

115 60.2 41.8 125.4

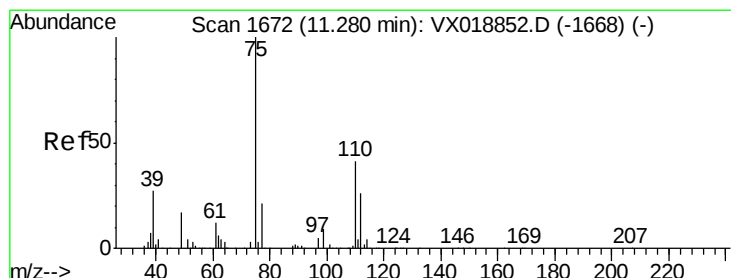
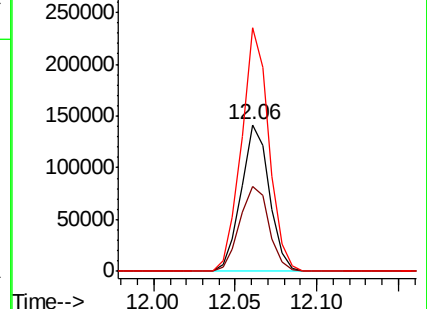
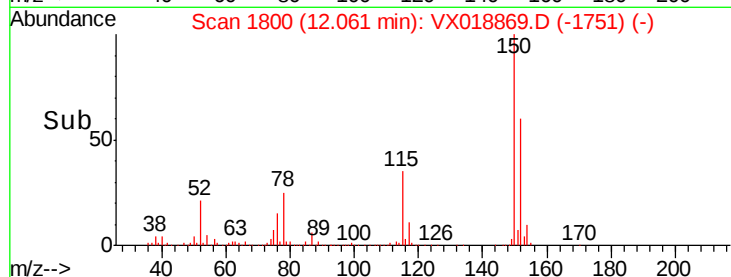
150 160.9 0.0 347.6



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



#76

1,2,3-Trichloropropane

Concen: 24.349 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018869.D

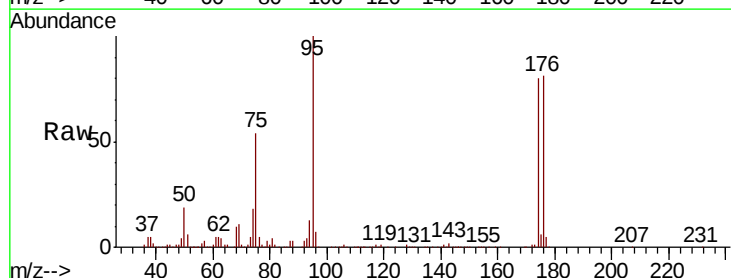
Acq: 09 Oct 2020 20:47

Tgt Ion: 75 Resp: 89711

Ion Ratio Lower Upper

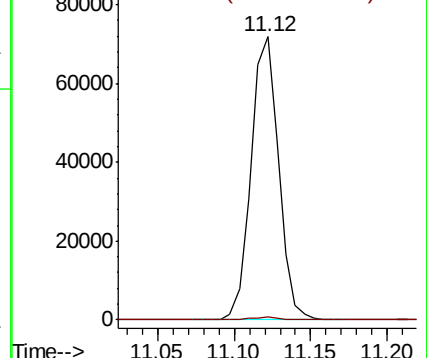
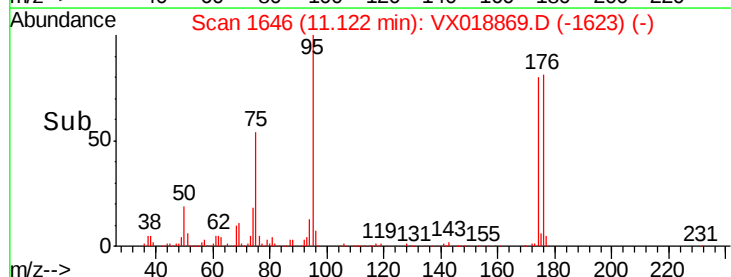
75 100

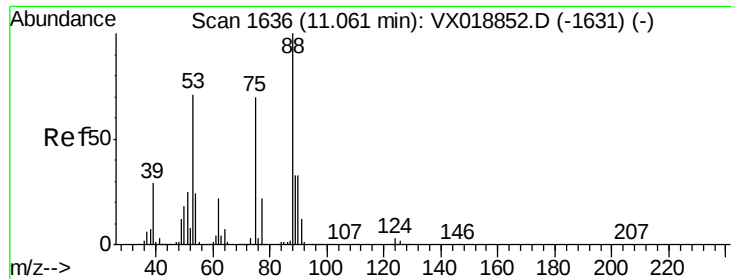
77 1.3 20.2 60.6#



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: 69.004 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

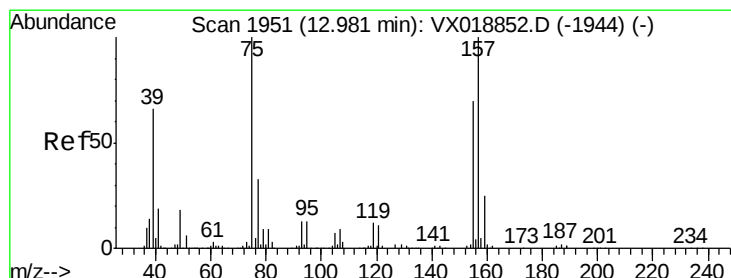
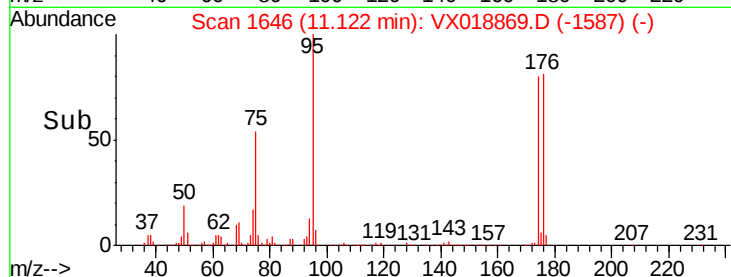
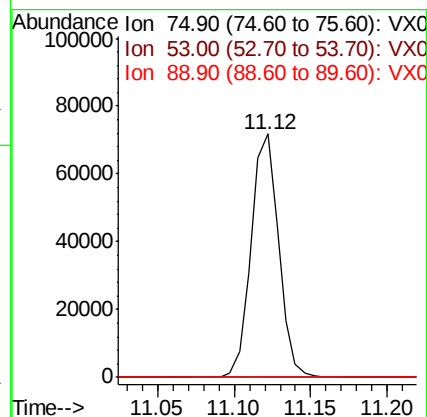
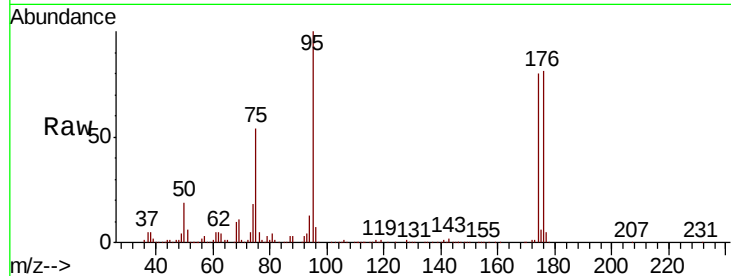
Tot Ion: 75 Resp: 89711

Ion Ratio Lower Upper

75 100

53 0.6 85.0 127.4#

89 0.0 39.0 58.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.320 ug/l

RT: 12.96 min Scan# 1947

Delta R.T. -0.02 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

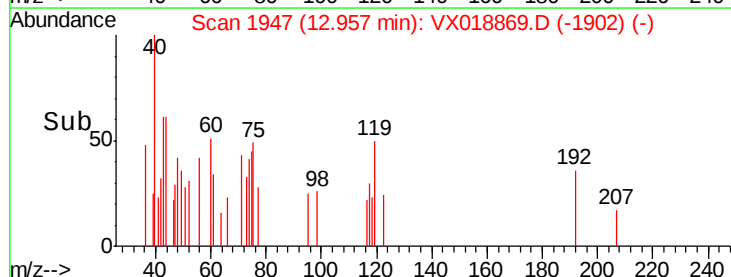
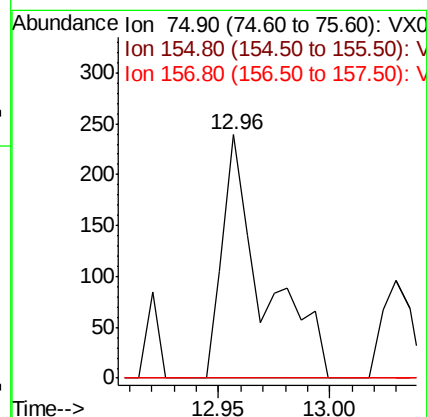
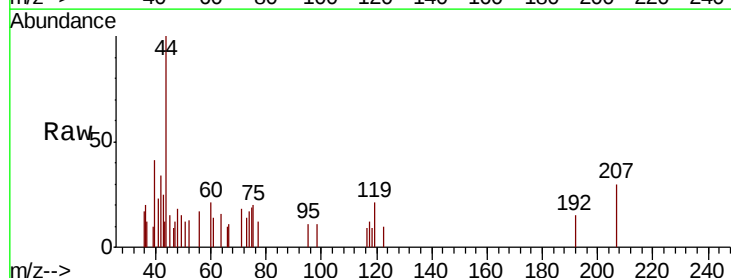
Tgt Ion: 75 Resp: 305

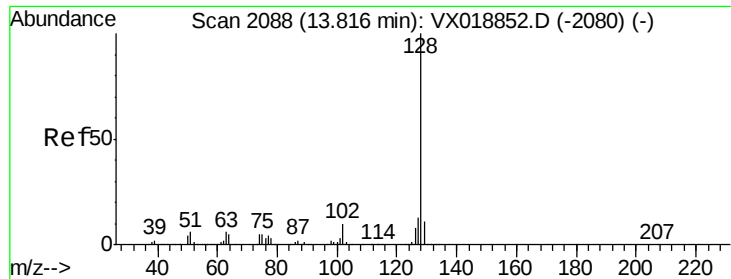
Ion Ratio Lower Upper

75 100

155 0.0 38.0 113.9#

157 0.0 50.9 152.7#





#95
Naphthalene
Concen: 3.110 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
F-4-09-18

Tot Ion	Ratio	Lower	Upper
128	100		
127	6.1	10.1	15.1#
129	32.0	8.6	13.0#

