

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110720\
 Data File : VX019351.D
 Acq On : 06 Nov 2020 18:43
 Operator : JC/MD
 Sample : L4666-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 07 01:08:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	287620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	500741	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	473692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236822	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	202402	54.57	ug/l	0.00
Spiked Amount			Recovery	=	109.14%	
35) Dibromofluoromethane	5.46	113	157195	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	8.70	98	613343	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.12	95	239064	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	

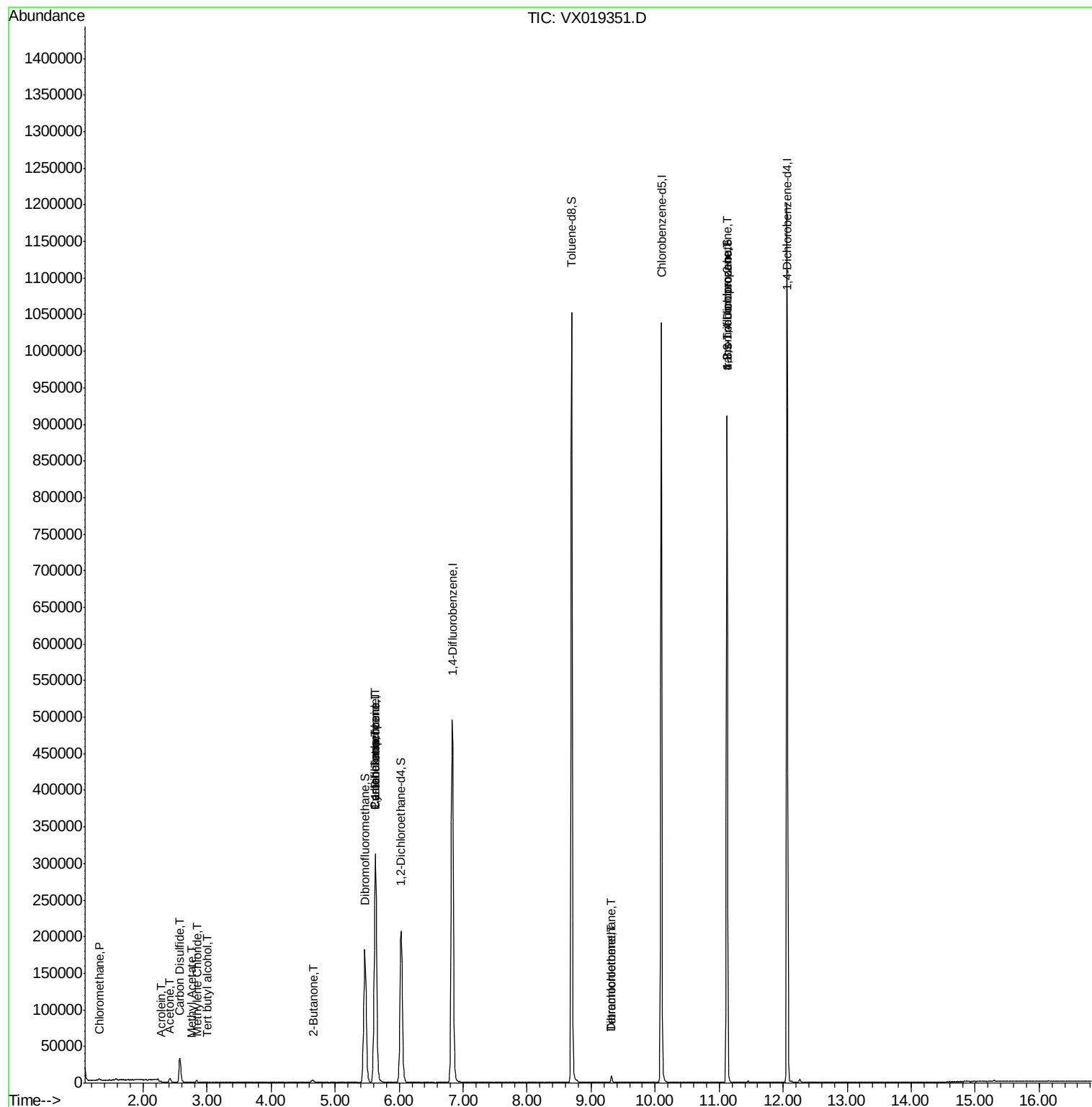
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1129	0.421	ug/l	99
11) Tert butyl alcohol	3.00	59	551	0.752	ug/l #	72
13) Acrolein	2.28	56	25	5.722	ug/l #	1
16) Acetone	2.42	43	5311	4.150	ug/l	98
17) Carbon Disulfide	2.56	76	296	0.797	ug/l #	75
18) Methyl Acetate	2.76	43	747	0.240	ug/l #	47
20) Methylene Chloride	2.84	84	973	0.303	ug/l #	82
25) 2-Butanone	4.66	43	531	0.263	ug/l #	44
31) Cyclohexane	5.63	56	6239	1.331	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23162	5.009	ug/l #	49
38) Carbon Tetrachloride	5.62	117	29633	6.287	ug/l #	16
60) Dibromochloromethane	9.32	129	1520	0.420	ug/l #	11
64) Tetrachloroethene	9.32	164	1543	0.428	ug/l	95
76) 1,2,3-Trichloropropane	11.12	75	122745	25.102	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	122745	66.093	ug/l #	12

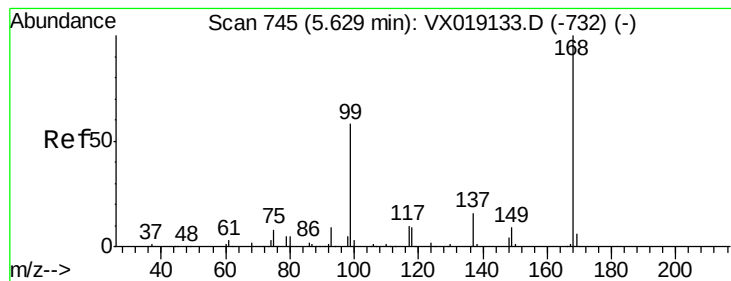
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

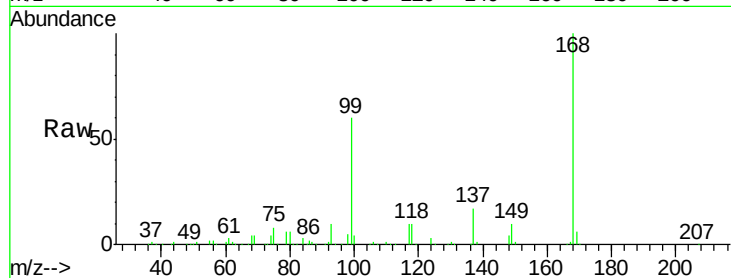
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 287620

Ion Ratio Lower Upper

168 100

99 60.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

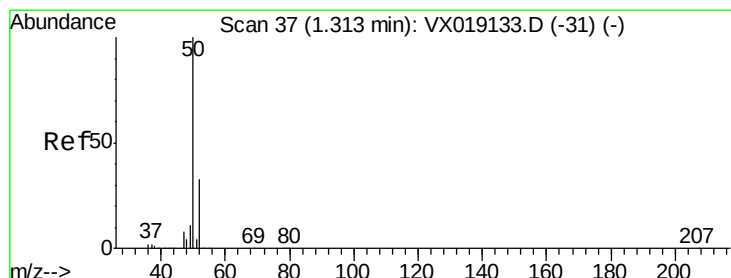
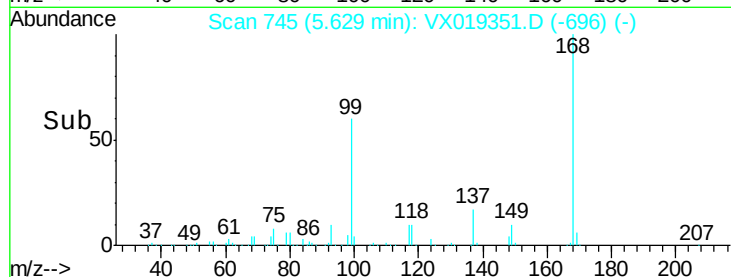
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.421 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019351.D

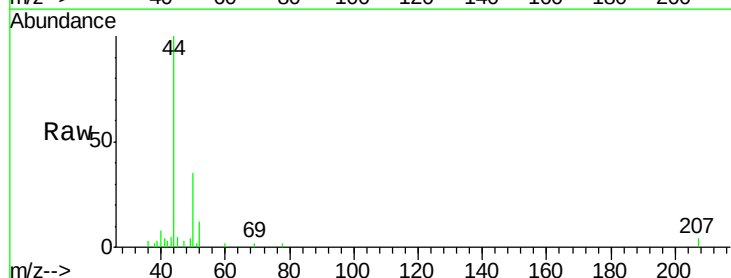
Acq: 06 Nov 2020 18:43

Tgt Ion: 50 Resp: 1129

Ion Ratio Lower Upper

50 100

52 33.2 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1200

1000

800

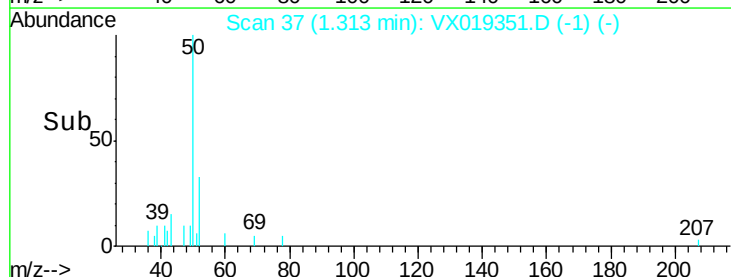
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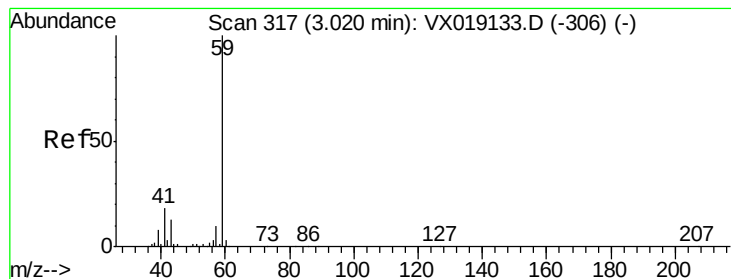
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200

0

Time-->



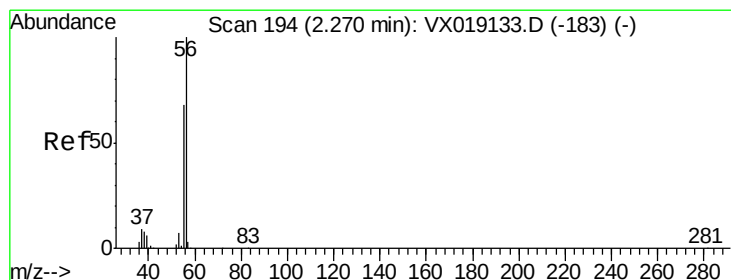
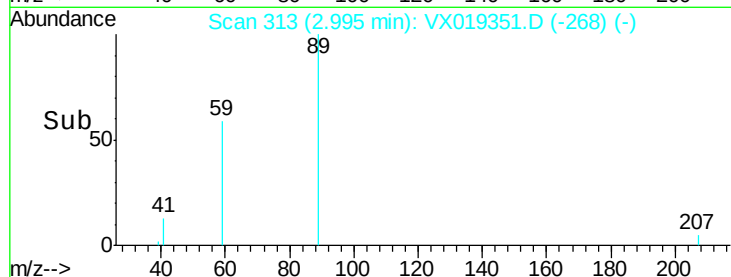
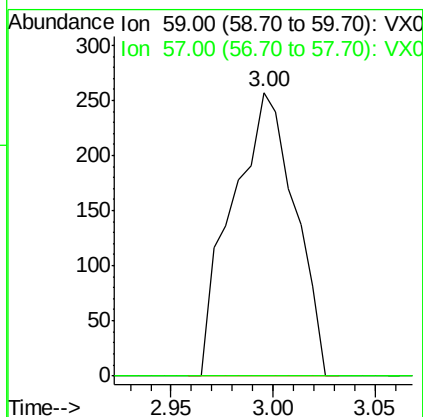
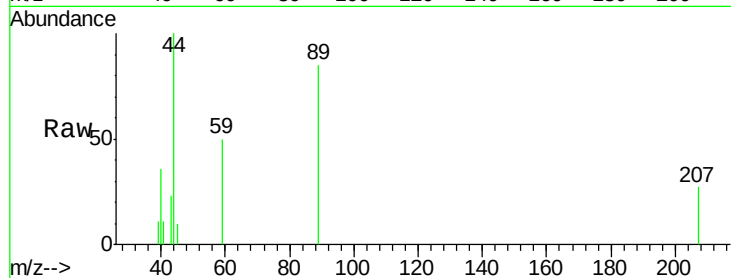


#11

Tert butyl alcohol
 Concen: 0.752 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX019351.D
 Acq: 06 Nov 2020 18:43

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

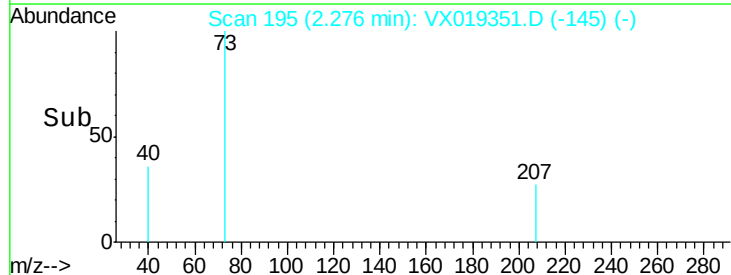
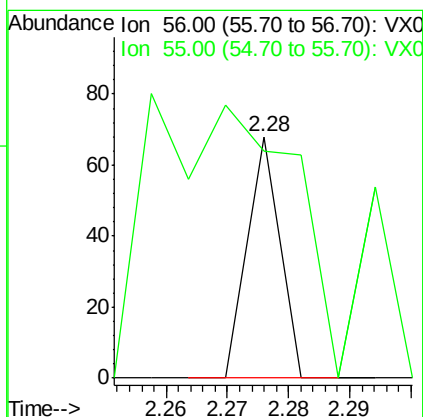
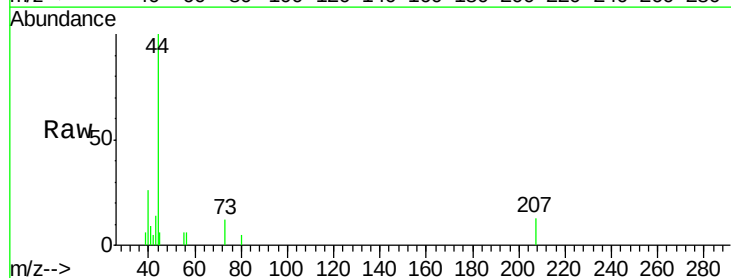
Tot Ion: 59 Resp: 551
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

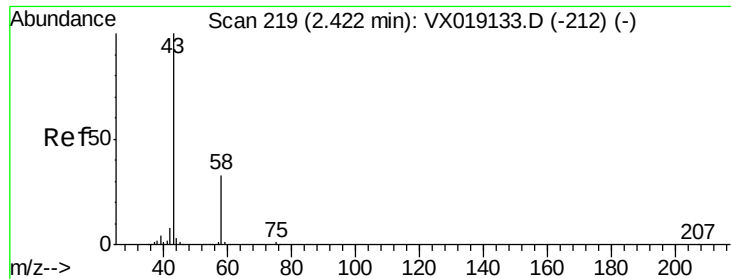


#13

Acrolein
 Concen: 5.722 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. 0.01 min
 Lab File: VX019351.D
 Acq: 06 Nov 2020 18:43

Tgt Ion: 56 Resp: 25
 Ion Ratio Lower Upper
 56 100
 55 576.0 54.7 82.1#





#16

Acetone

Concen: 4.150 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

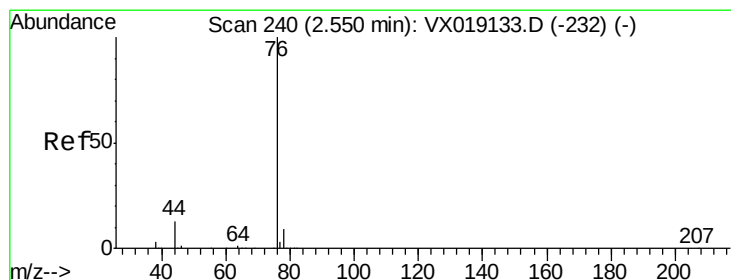
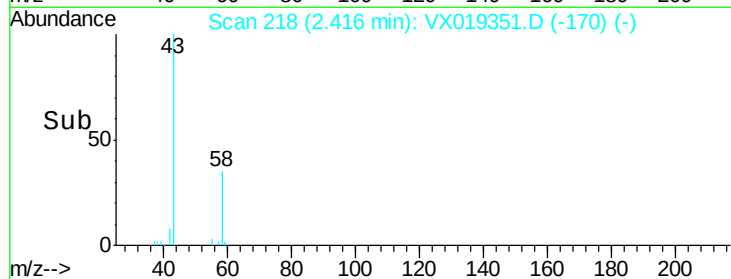
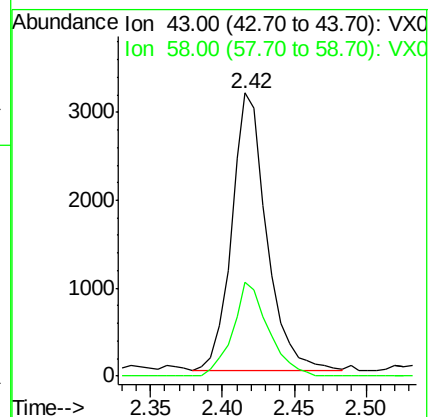
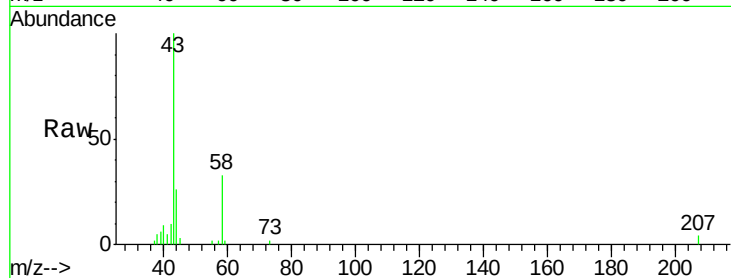
STORAGE-BLANK-WATER-REF-4

Tot Ion: 43 Resp: 5311

Ion Ratio Lower Upper

43 100

58 34.0 26.3 39.5



#17

Carbon Disulfide

Concen: 0.797 ug/l

RT: 2.56 min Scan# 242

Delta R.T. 0.01 min

Lab File: VX019351.D

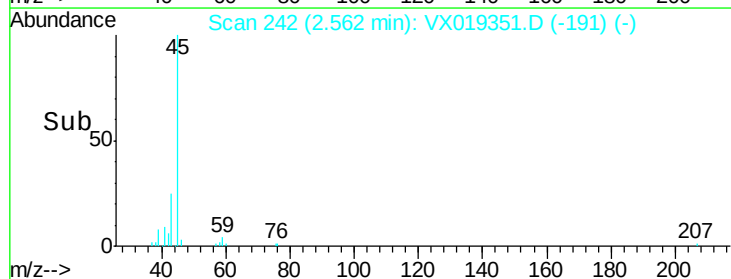
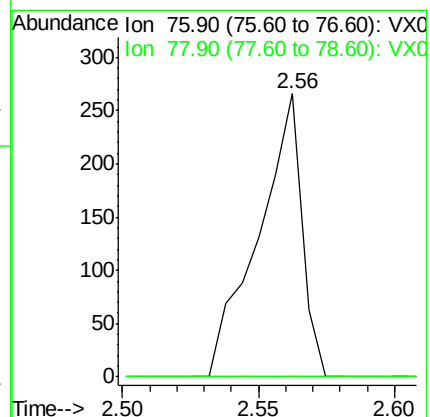
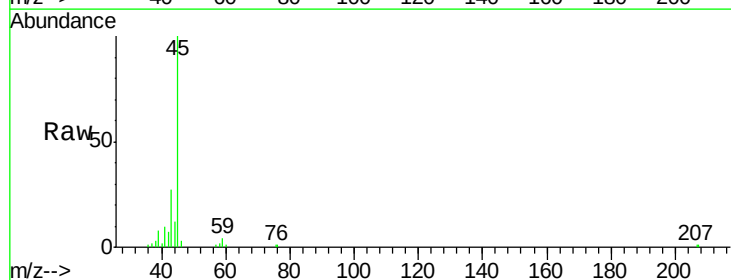
Acq: 06 Nov 2020 18:43

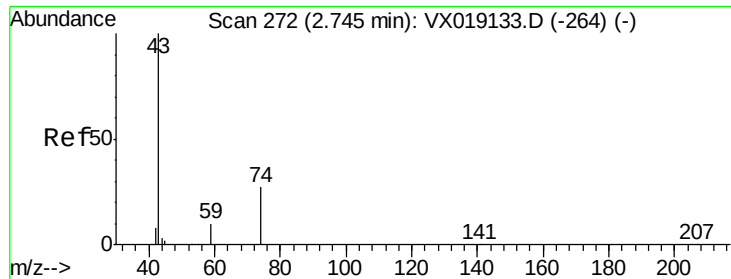
Tgt Ion: 76 Resp: 296

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#





#18

Methyl Acetate

Concen: 0.240 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

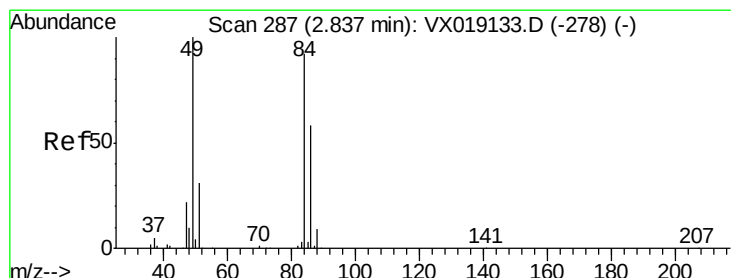
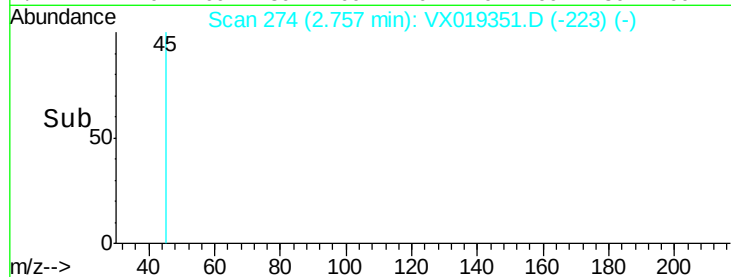
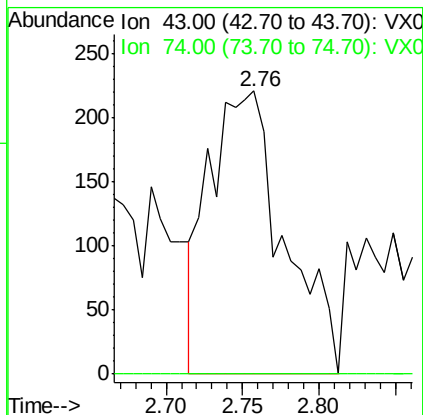
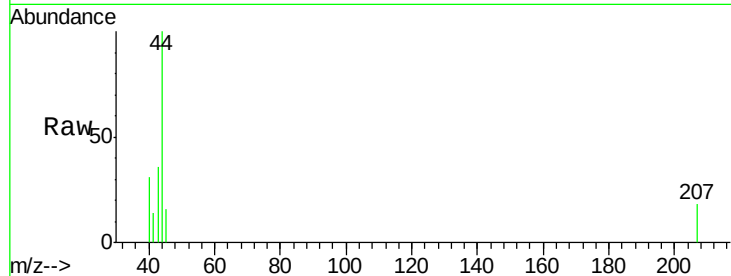
STORAGE-BLANK-WATER-REF-4

Tot Ion: 43 Resp: 747

Ion Ratio Lower Upper

43 100

74 0.0 22.6 33.8#



#20

Methylene Chloride

Concen: 0.303 ug/l

RT: 2.84 min Scan# 288

Delta R.T. 0.01 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

Tgt Ion: 84 Resp: 973

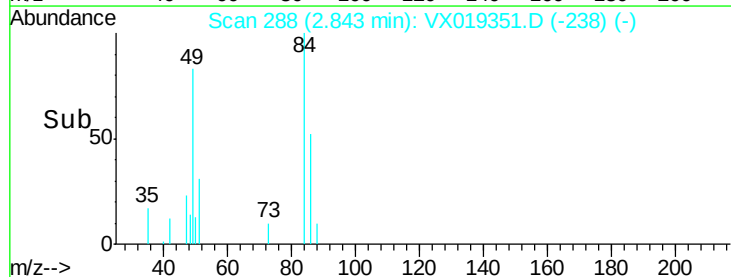
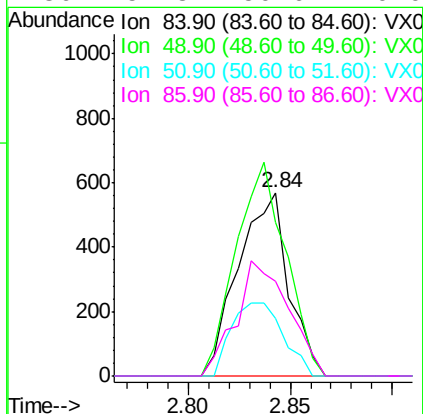
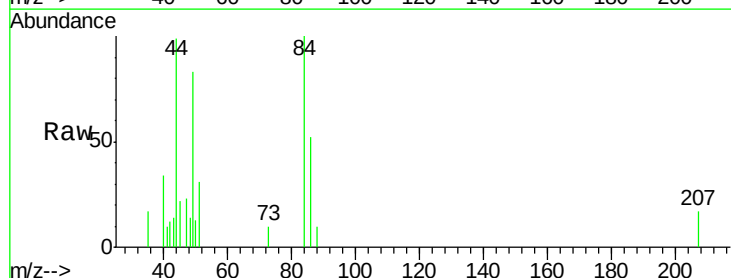
Ion Ratio Lower Upper

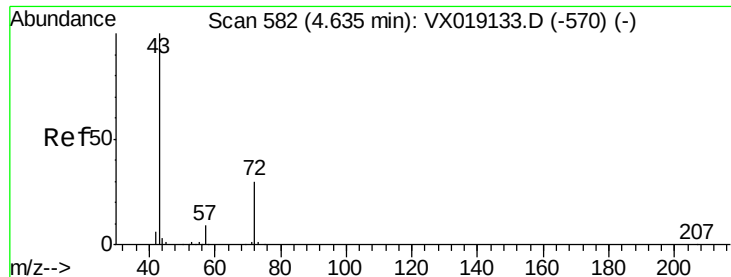
84 100

49 83.5 86.8 130.2#

51 31.3 27.3 40.9

86 51.8 50.6 76.0

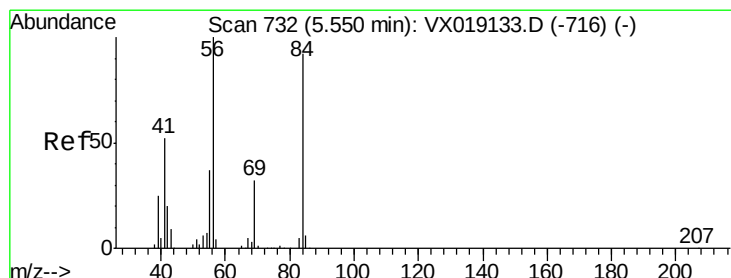
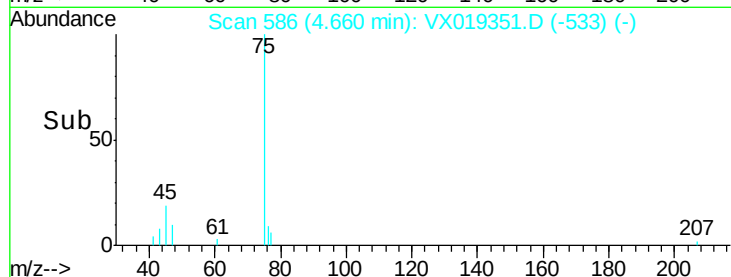
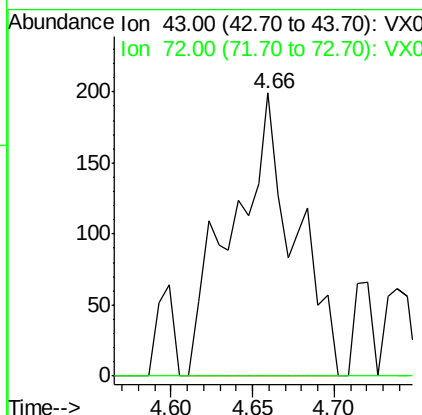
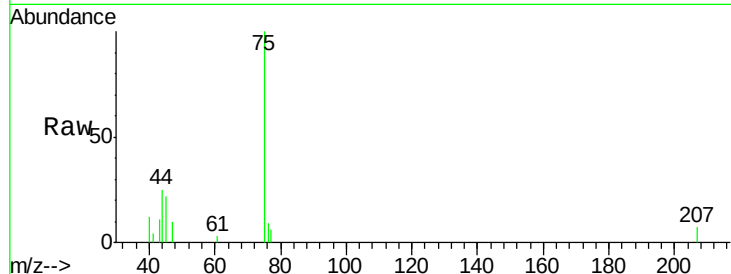




#25
2-Butanone
Concen: 0.263 ug/l
RT: 4.66 min Scan# 586
Delta R.T. 0.02 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

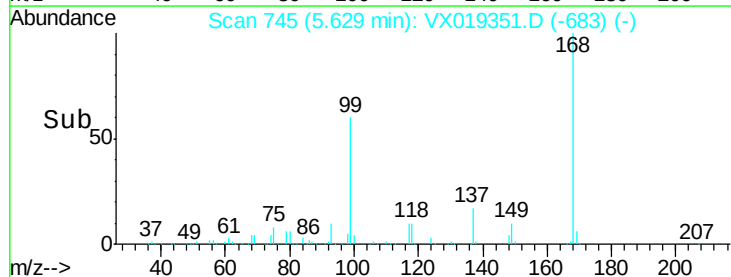
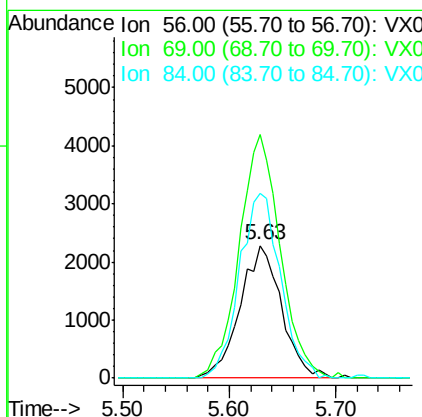
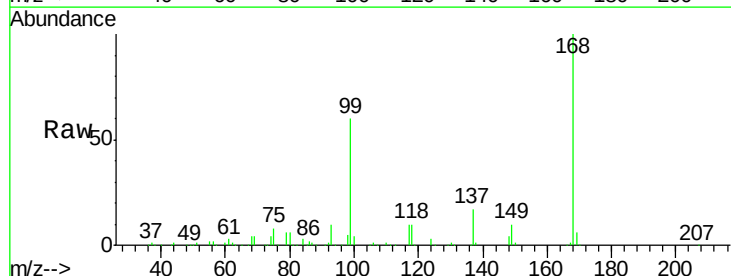
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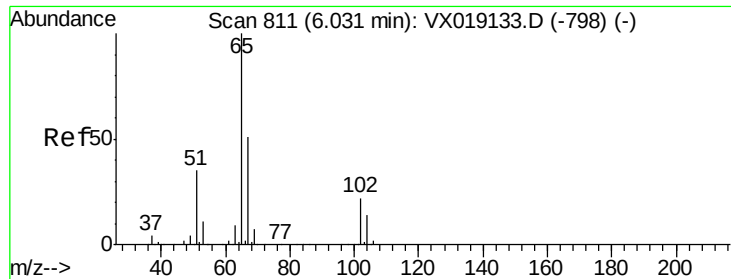
Tot Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
72 0.0 24.6 36.8#



#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

Tgt Ion: 56 Resp: 6239
Ion Ratio Lower Upper
56 100
69 183.4 25.9 38.9#
84 139.0 73.4 110.2#

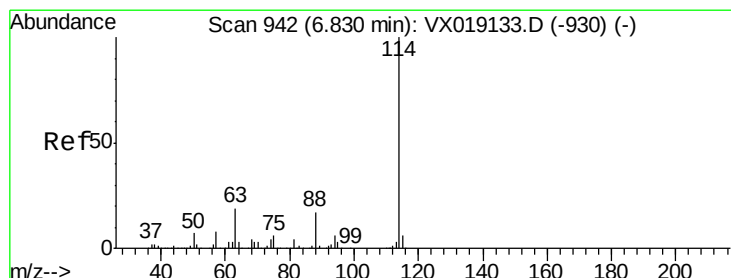
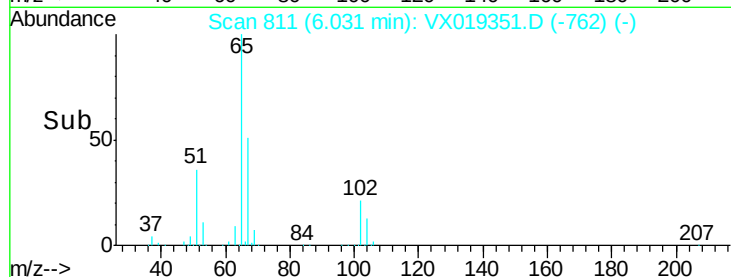
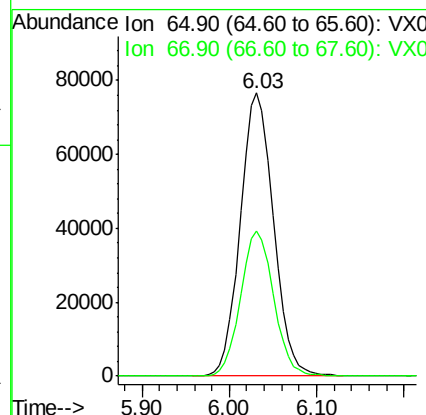
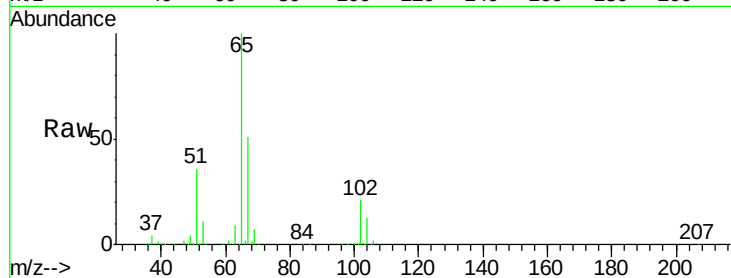




#33
 1,2-Dichloroethane-d4
 Concen: 54.567 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019351.D
 Acq: 06 Nov 2020 18:43

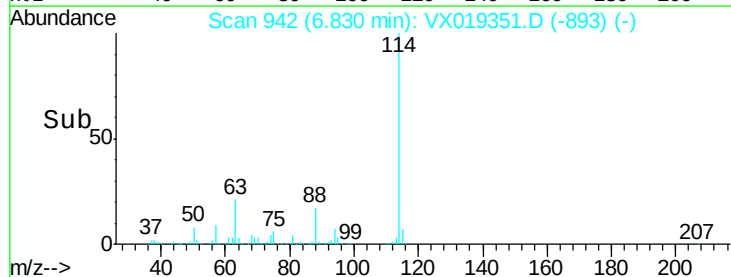
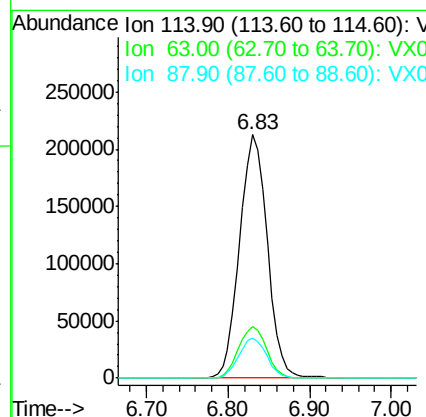
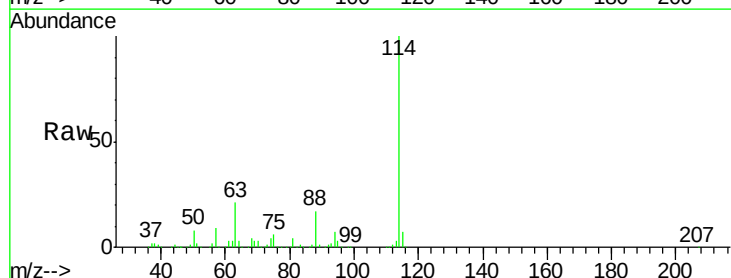
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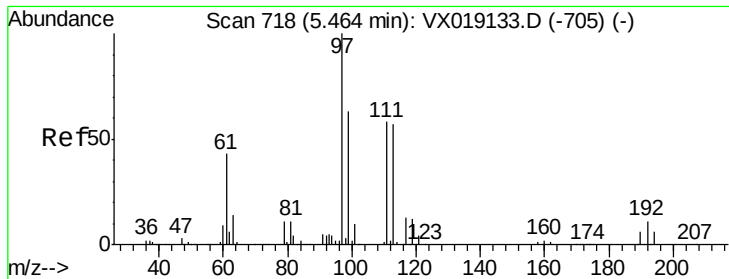
Tot Ion: 65 Resp: 202402
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019351.D
 Acq: 06 Nov 2020 18:43

Tgt Ion: 114 Resp: 500741
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 38.8
 88 16.6 0.0 34.2

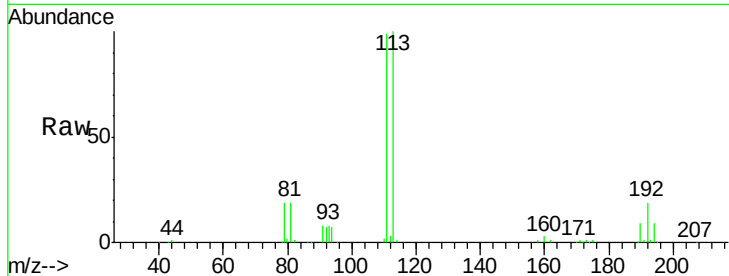




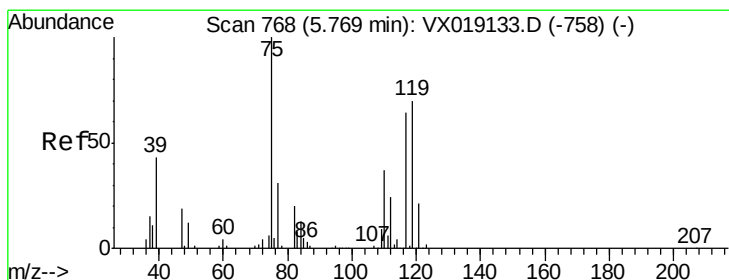
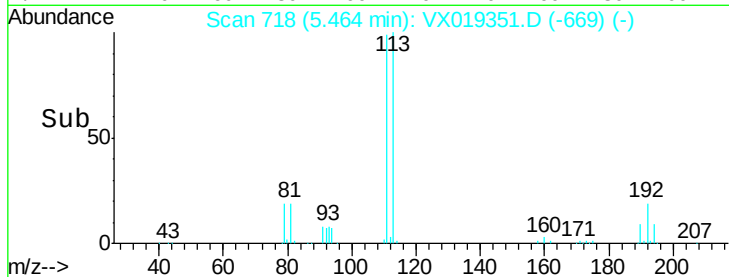
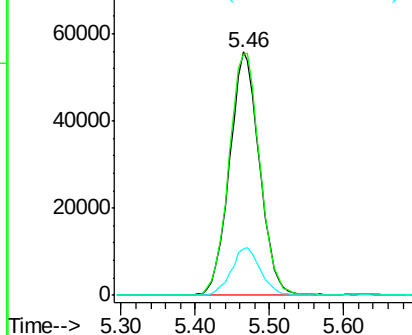
#35
Dibromofluoromethane
Concen: 49.977 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:113 Resp: 157195
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 19.1 16.2 24.2

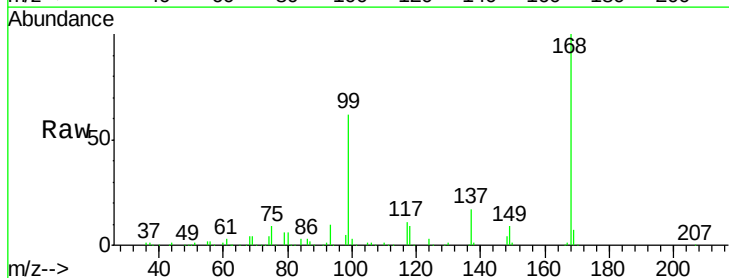


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

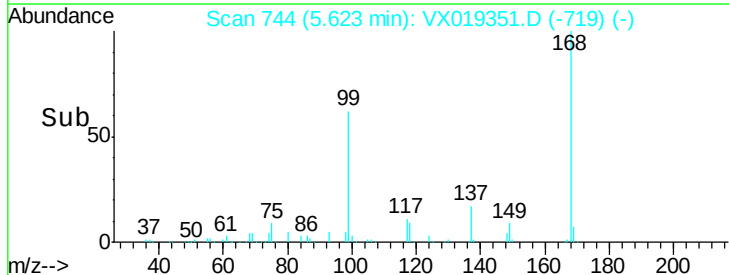
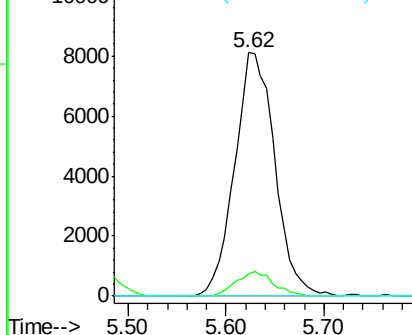


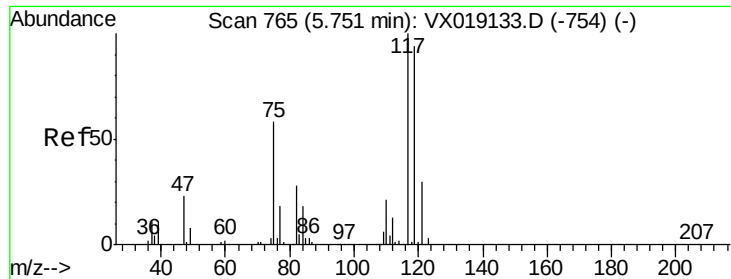
#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.15 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

Tgt Ion: 75 Resp: 23162
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.9#
77 0.0 24.9 37.3#



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

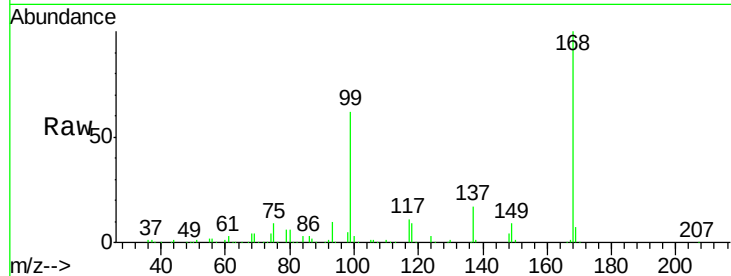




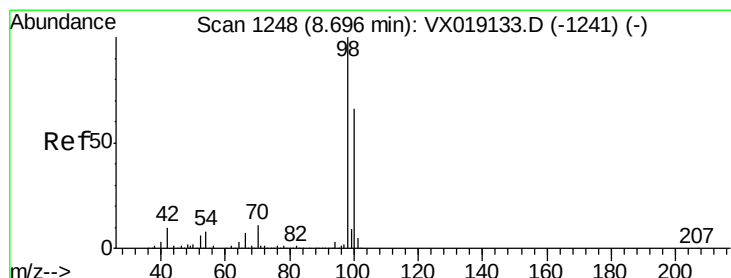
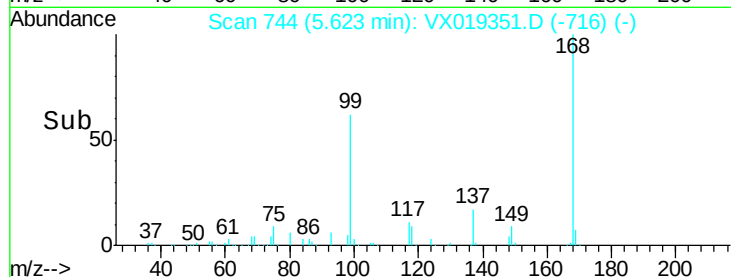
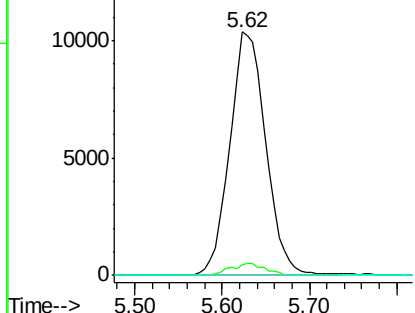
#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 29633
Ion Ratio Lower Upper
117 100
119 4.2 75.0 112.6#
121 0.0 23.9 35.9#

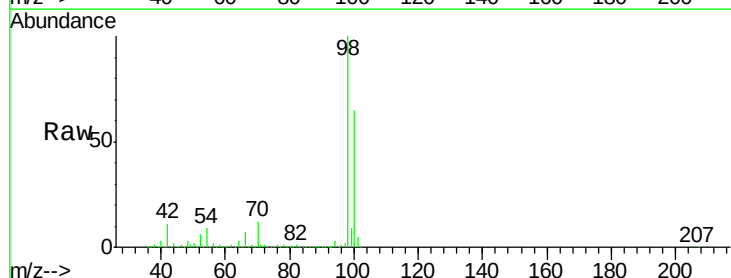


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

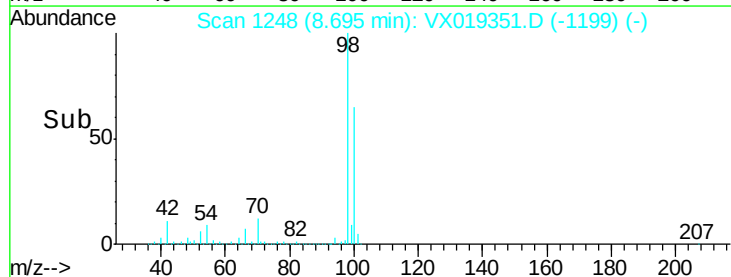
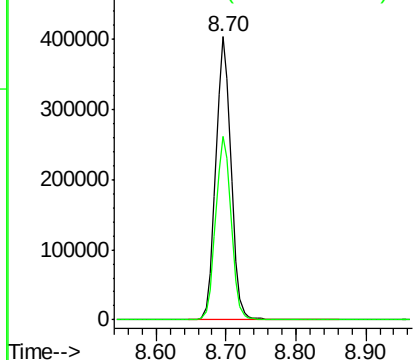


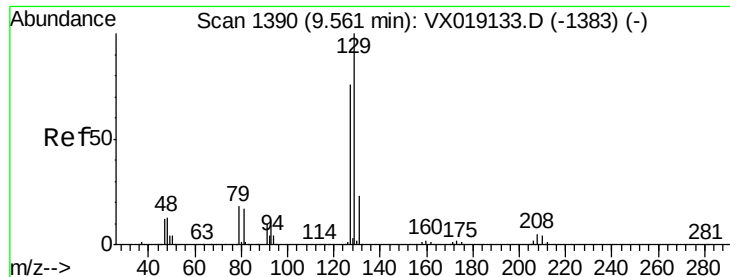
#50
Toluene-d8
Concen: 51.729 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

Tgt Ion: 98 Resp: 613343
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#60

Dibromochloromethane

Concen: 0.420 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.24 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

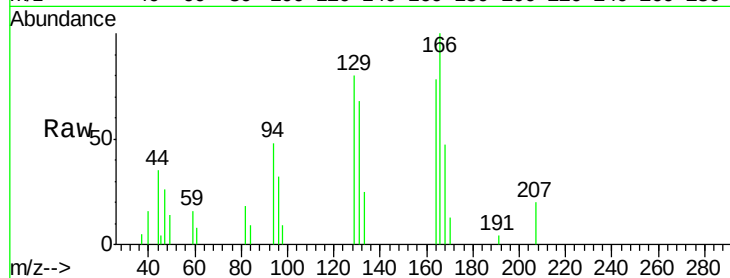
STORAGE-BLANK-WATER-REF-4

Tot Ion:129 Resp: 1520

Ion Ratio Lower Upper

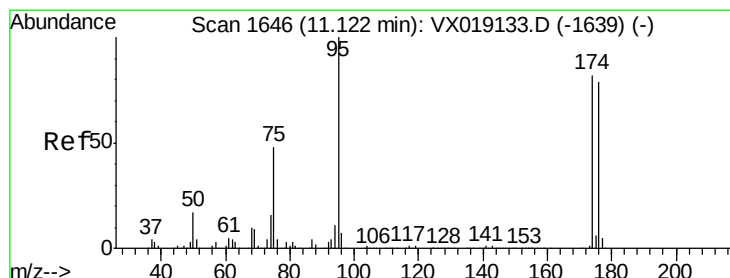
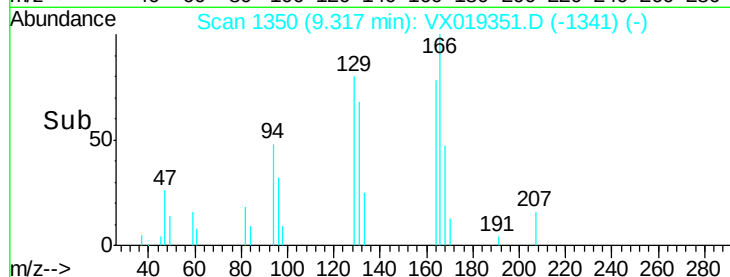
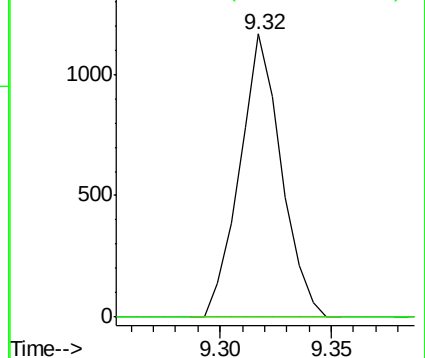
129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 53.241 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

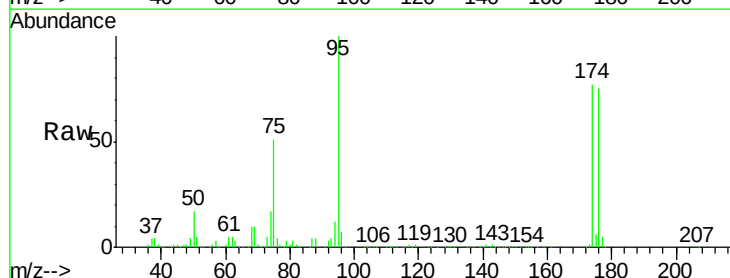
Tgt Ion: 95 Resp: 239064

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.0

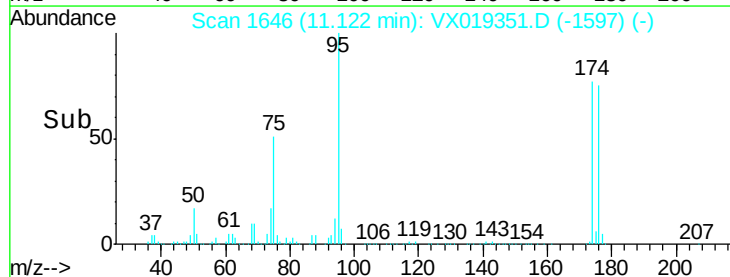
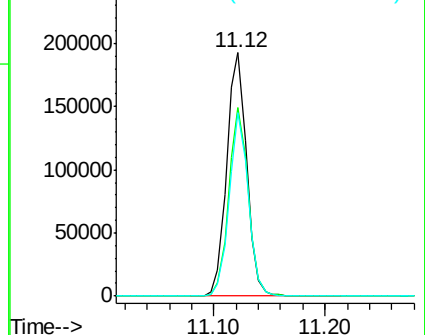
176 72.0 0.0 149.8

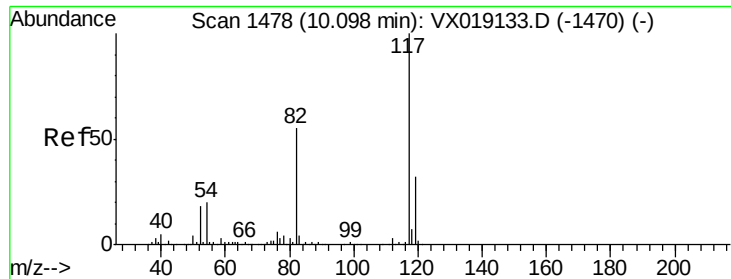


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

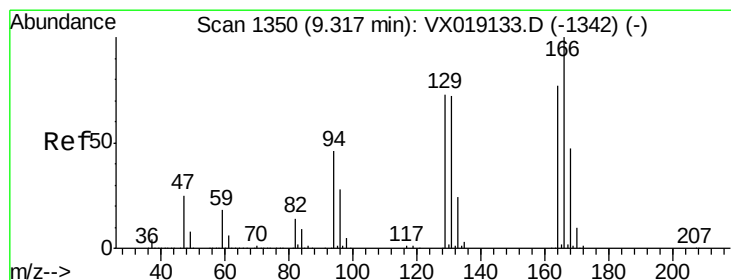
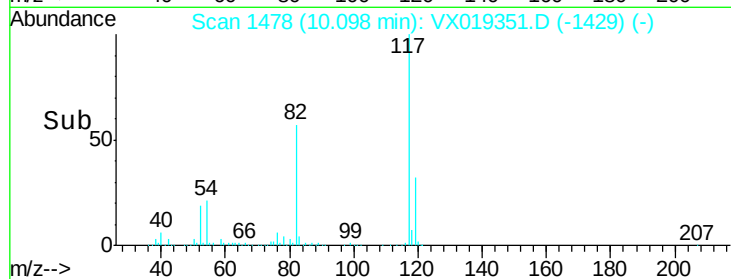
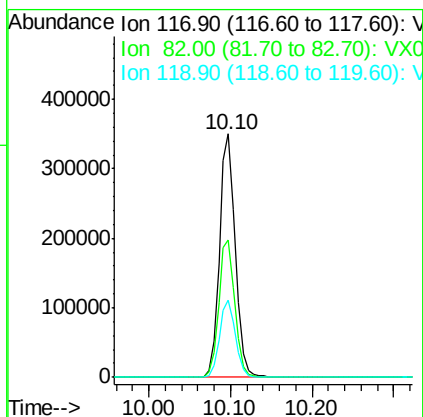
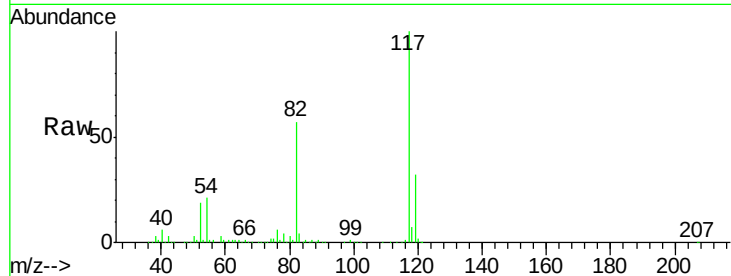




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

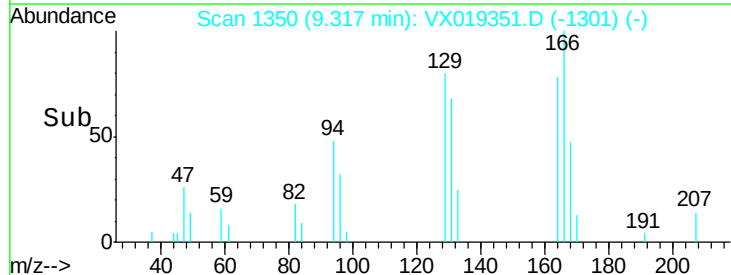
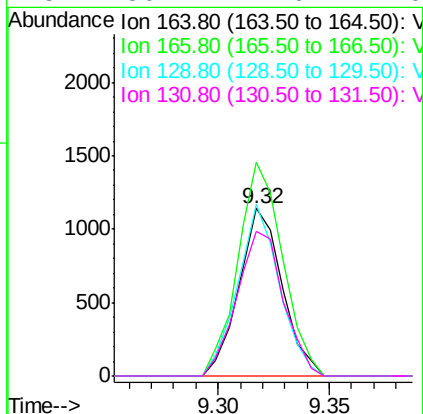
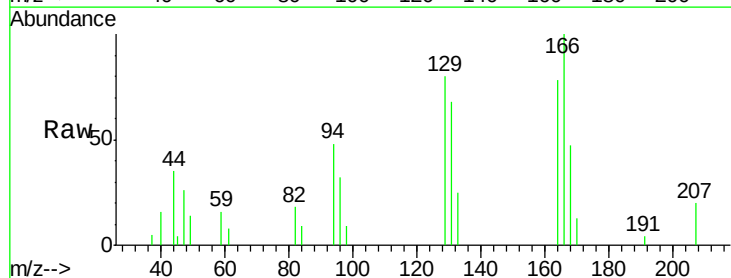
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

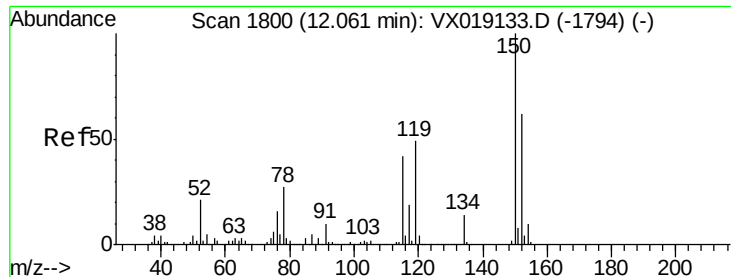
Tot Ion:117 Resp: 473692
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.428 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019351.D
Acq: 06 Nov 2020 18:43

Tgt Ion:164 Resp: 1543
Ion Ratio Lower Upper
164 100
166 127.6 104.1 156.1
129 102.2 76.2 114.4
131 86.7 74.6 112.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

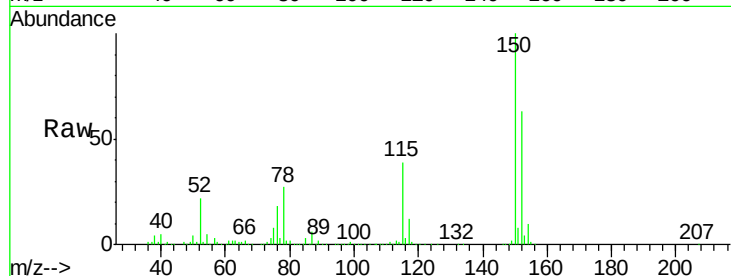
Tot Ion:152 Resp: 236822

Ion Ratio Lower Upper

152 100

115 61.3 41.9 125.7

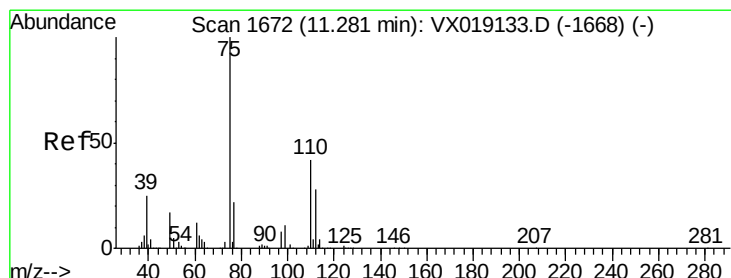
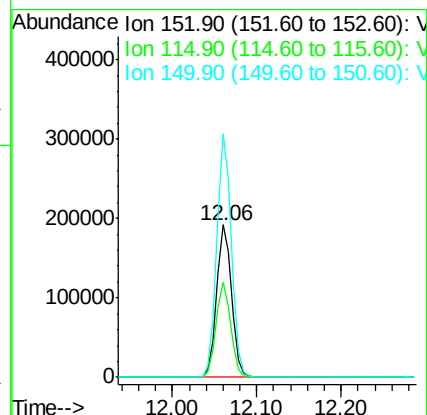
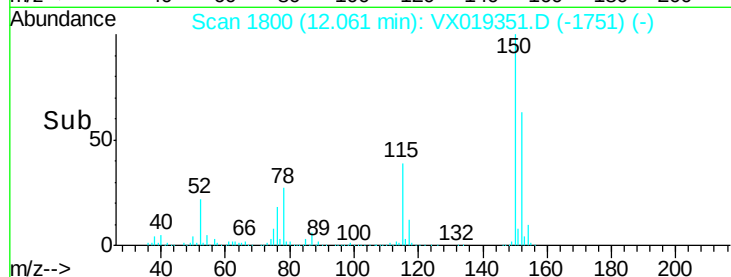
150 157.1 0.0 347.8



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: 25.102 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019351.D

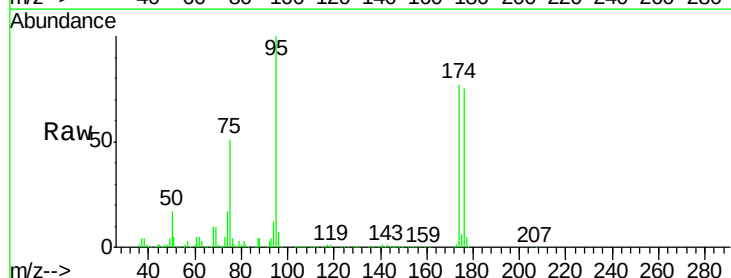
Acq: 06 Nov 2020 18:43

Tgt Ion: 75 Resp: 122745

Ion Ratio Lower Upper

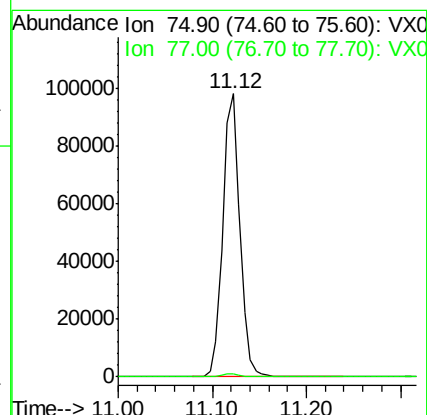
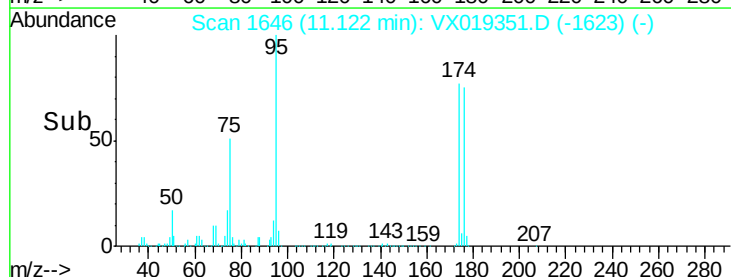
75 100

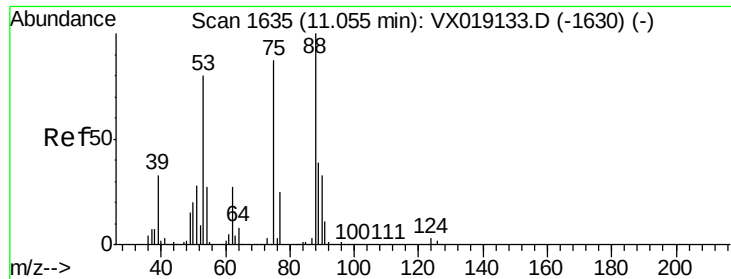
77 1.1 20.3 60.9#



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: 66.093 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019351.D

Acq: 06 Nov 2020 18:43

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 122745

Ion Ratio Lower Upper

75 100

53 0.0 73.3 109.9#

89 0.0 38.2 57.2#

