

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019150.D
 Acq On : 27 Oct 2020 20:33
 Operator : JC/MD
 Sample : L4504-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Oct 28 02:30:43 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	315922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	539097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	520431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	265073	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	203069	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	5.46	113	165251	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.70	98	665818	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.12	95	261711	54.14	ug/l	0.00
Spiked Amount			Recovery	=	108.28%	

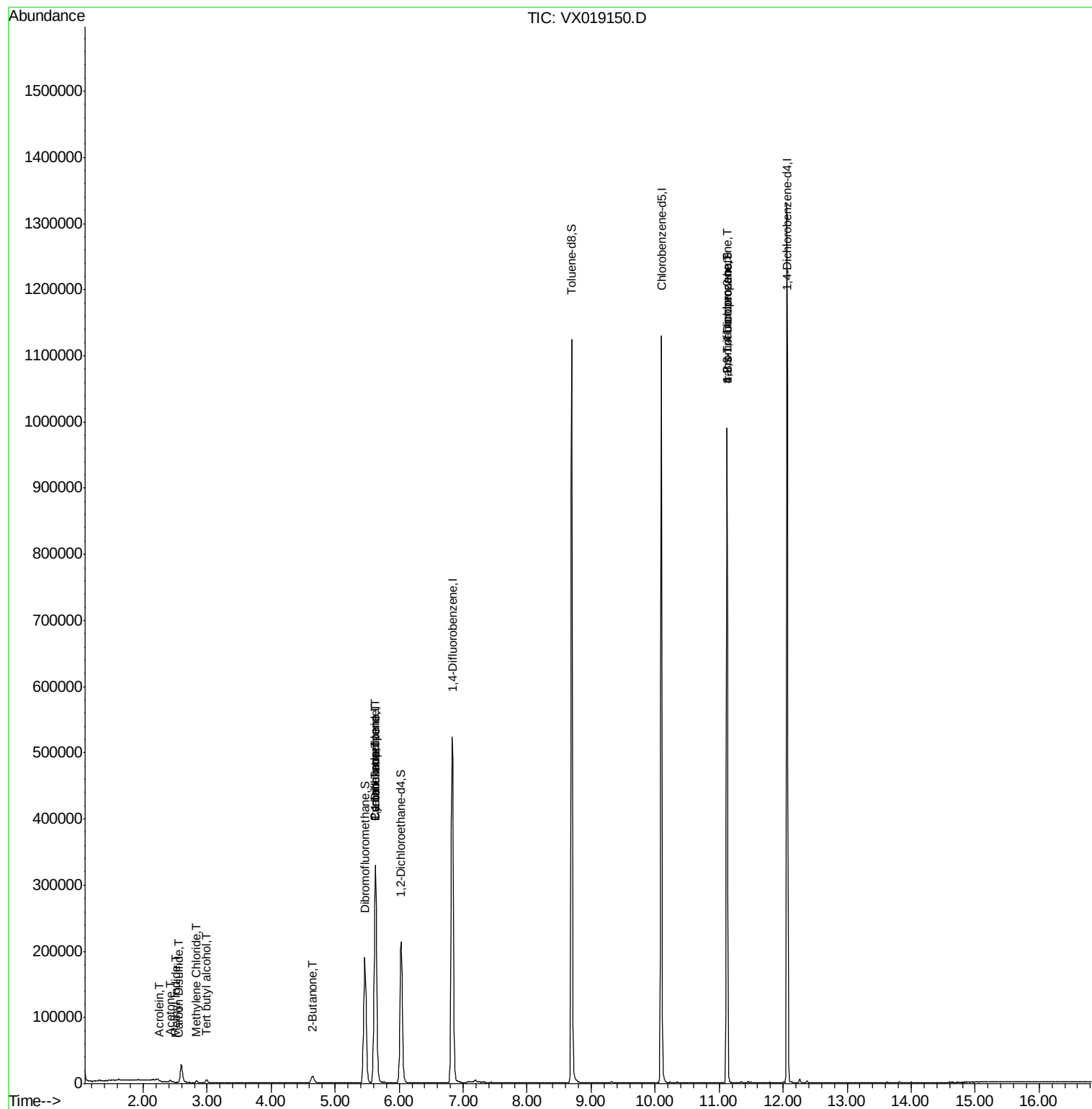
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	20	6.383	ug/l #	39
11) Tert butyl alcohol	2.99	59	2517	3.128	ug/l #	72
13) Acrolein	2.26	56	134	6.012	ug/l	93
16) Acetone	2.42	43	2948	2.097	ug/l	92
17) Carbon Disulfide	2.55	76	993	0.872	ug/l #	75
20) Methylene Chloride	2.83	84	1435	0.407	ug/l	90
25) 2-Butanone	4.64	43	575	0.260	ug/l #	44
31) Cyclohexane	5.63	56	6733	1.307	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	24976	5.017	ug/l #	49
38) Carbon Tetrachloride	5.63	117	32091	6.324	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	134145	24.509	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	134145	64.533	ug/l #	12

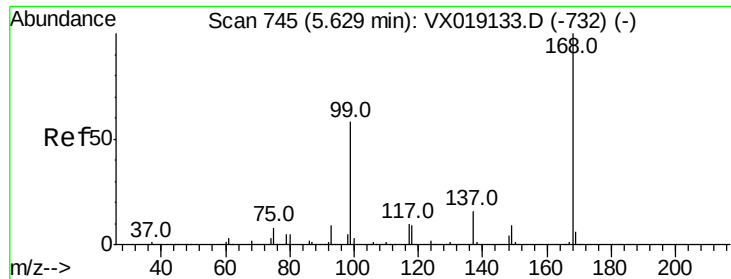
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019150.D

Acq: 27 Oct 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

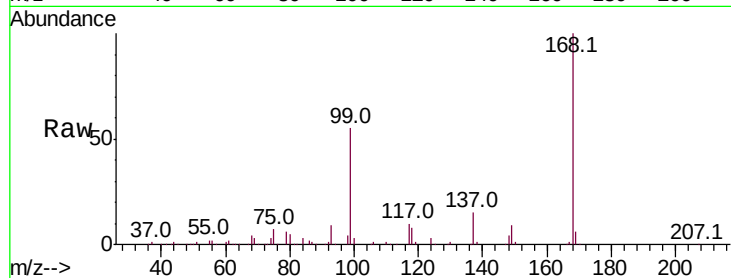
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 315922

Ion Ratio Lower Upper

168 100

99 55.3 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

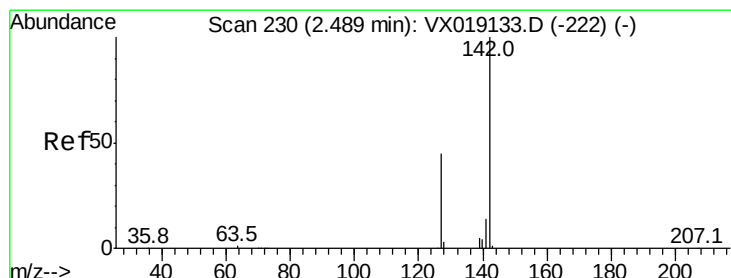
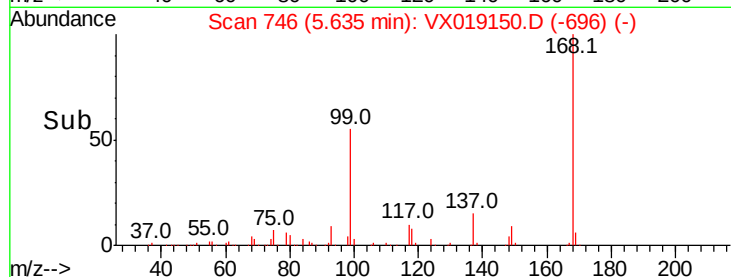
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.383 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX019150.D

Acq: 27 Oct 2020 20:33

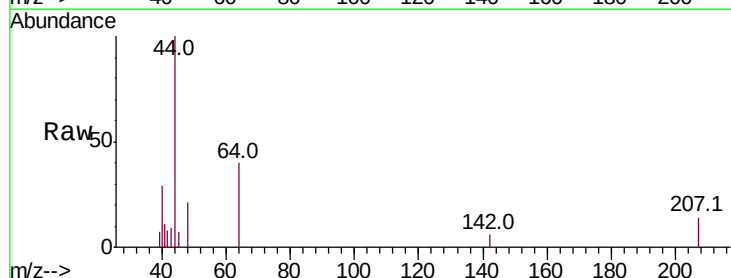
Tgt Ion:142 Resp: 20

Ion Ratio Lower Upper

142 100

127 0.0 36.1 54.1#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.50

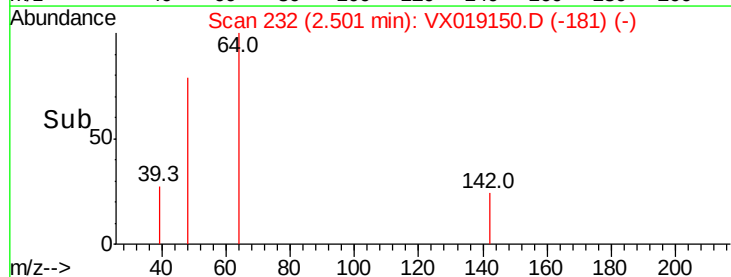
60

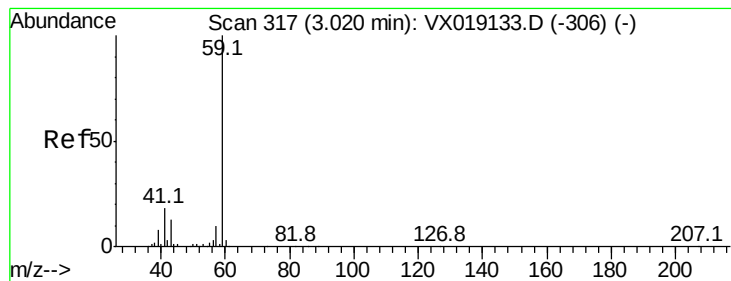
40

20

0

Time-->



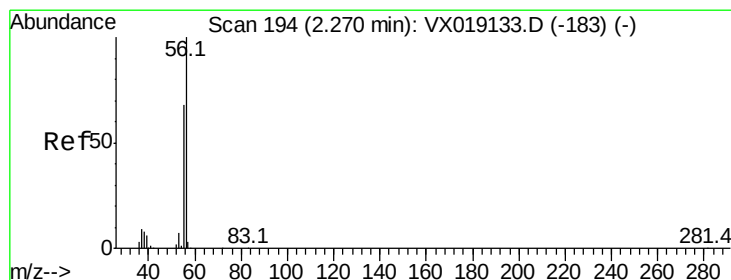
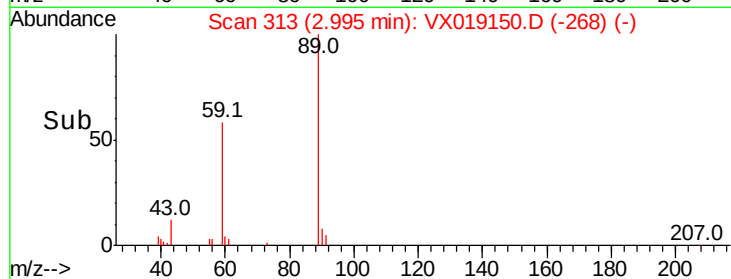
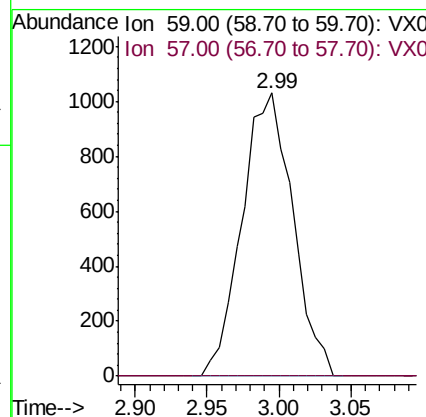
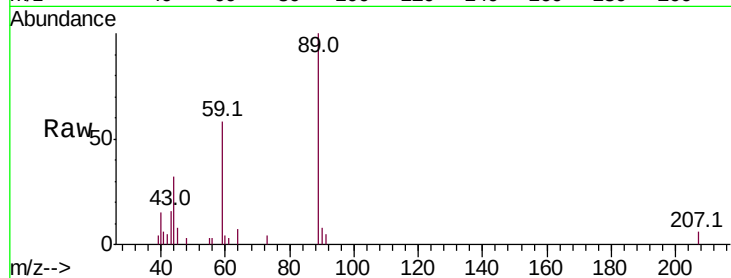


#11

Tert butyl alcohol
 Concen: 3.128 ug/l
 RT: 2.99 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX019150.D
 Acq: 27 Oct 2020 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

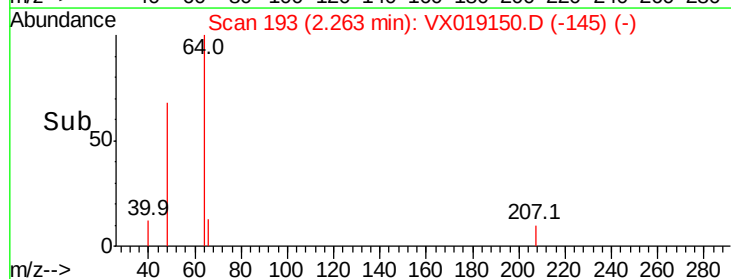
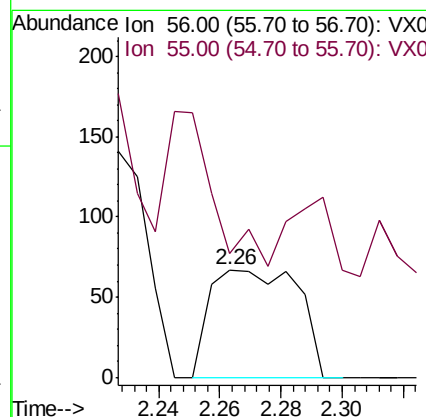
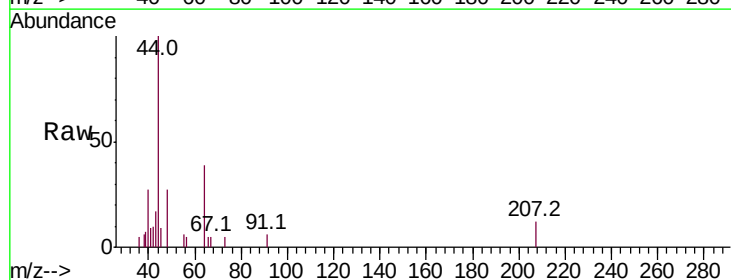
Tot Ion: 59 Resp: 2517
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

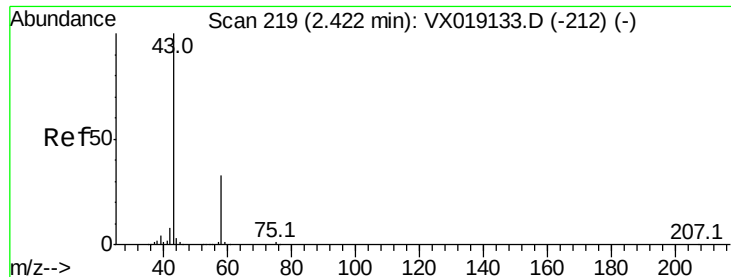


#13

Acrolein
 Concen: 6.012 ug/l
 RT: 2.26 min Scan# 193
 Delta R.T. -0.01 min
 Lab File: VX019150.D
 Acq: 27 Oct 2020 20:33

Tgt Ion: 56 Resp: 134
 Ion Ratio Lower Upper
 56 100
 55 73.9 54.7 82.1





#16

Acetone

Concen: 2.097 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019150.D

Acq: 27 Oct 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

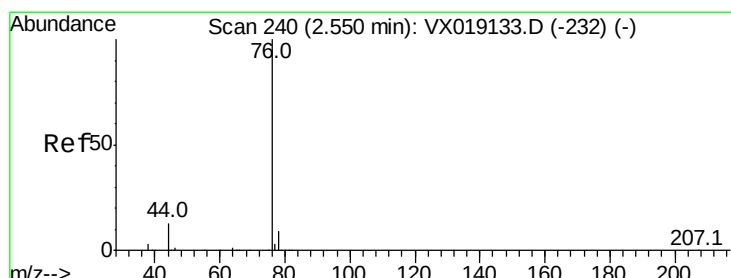
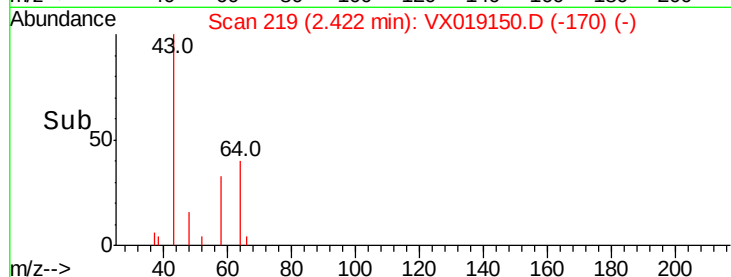
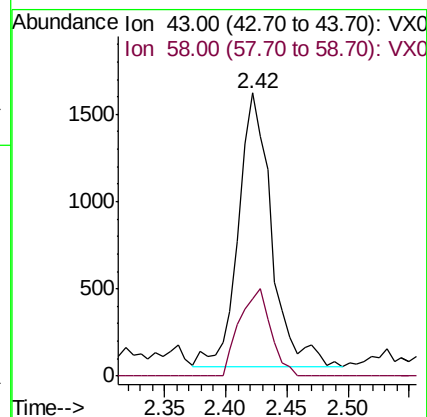
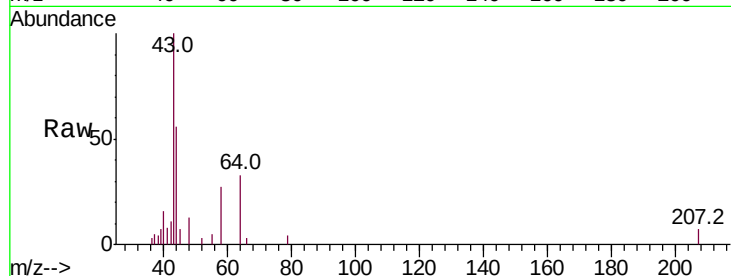
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 2948

Ion Ratio Lower Upper

43 100

58 28.5 26.3 39.5



#17

Carbon Disulfide

Concen: 0.872 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019150.D

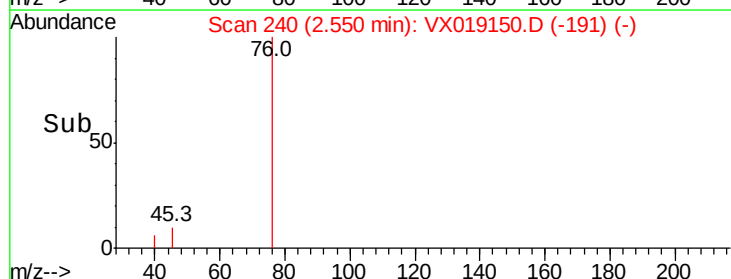
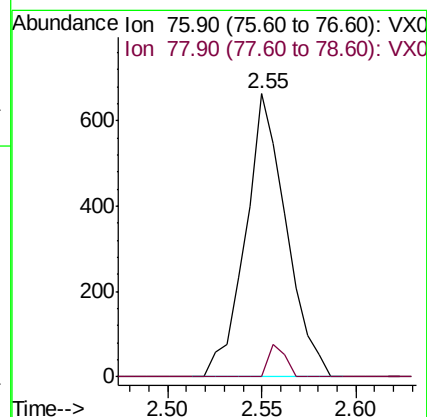
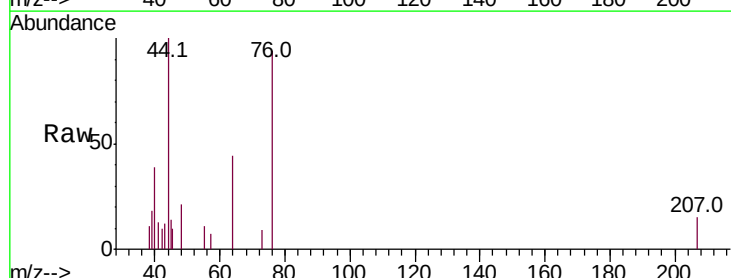
Acq: 27 Oct 2020 20:33

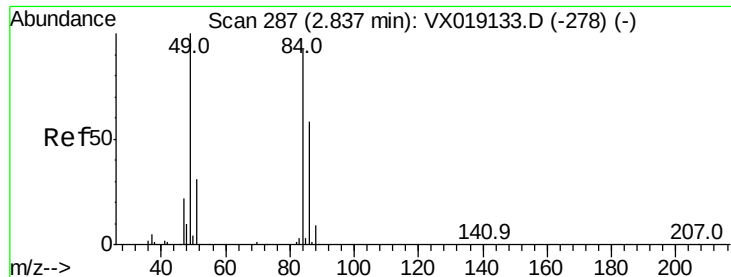
Tgt Ion: 76 Resp: 993

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#





#20

Methvlene Chloride

Concen: 0.407 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX019150.D

Acq: 27 Oct 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 84 Resp: 1435

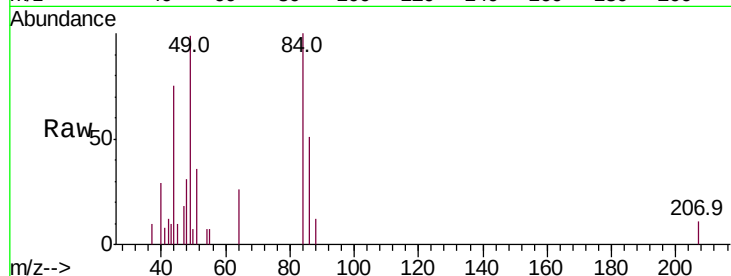
Ion Ratio Lower Upper

84 100

49 98.9 86.8 130.2

51 35.9 27.3 40.9

86 50.7 50.6 76.0

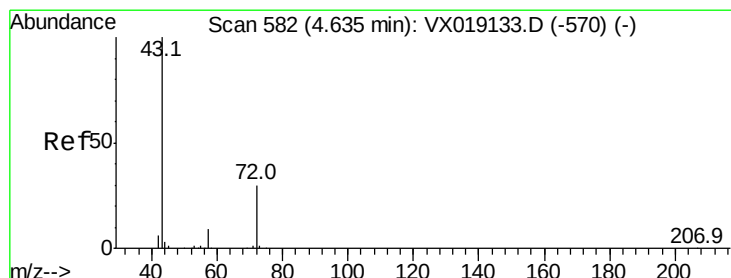
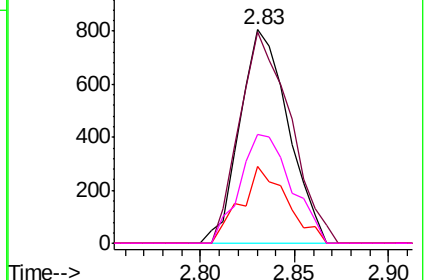
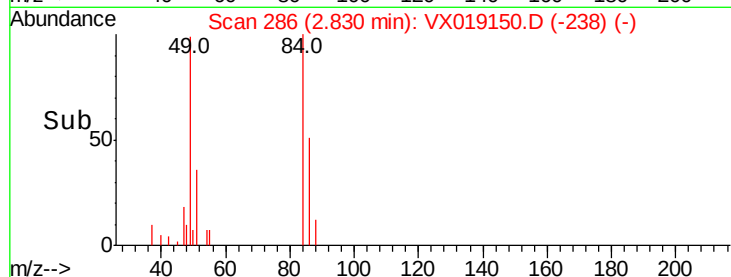


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 0.260 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019150.D

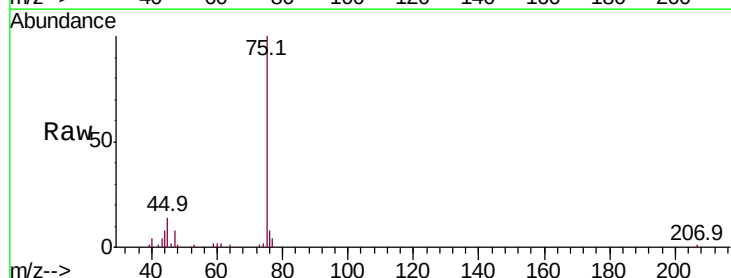
Acq: 27 Oct 2020 20:33

Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

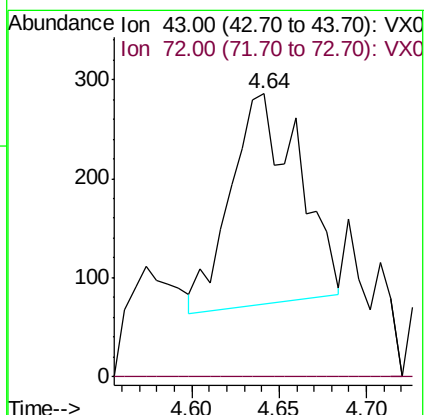
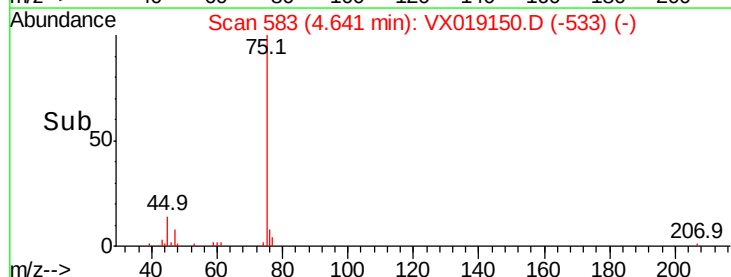
43 100

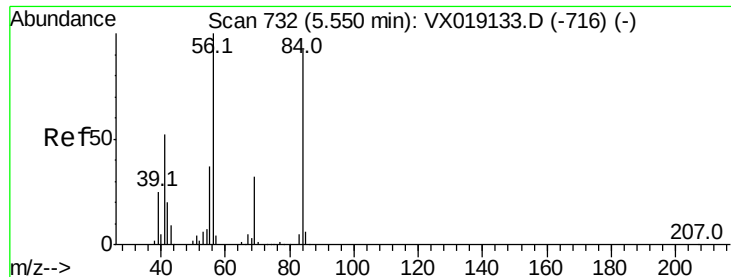
72 0.0 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

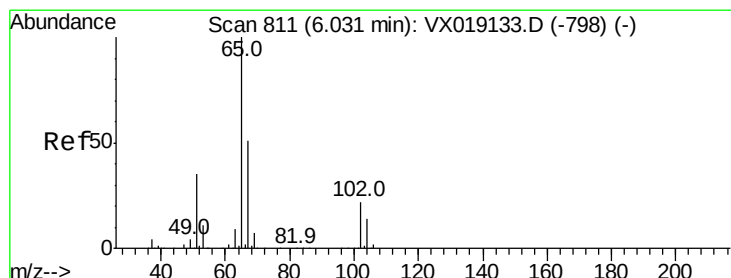
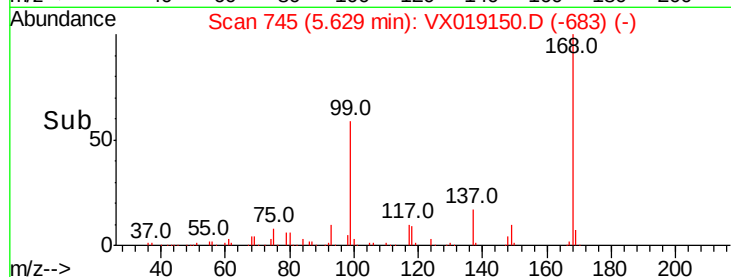
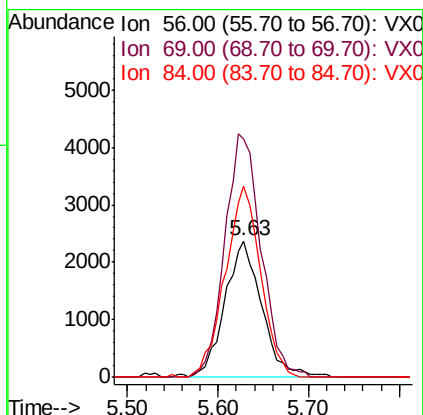
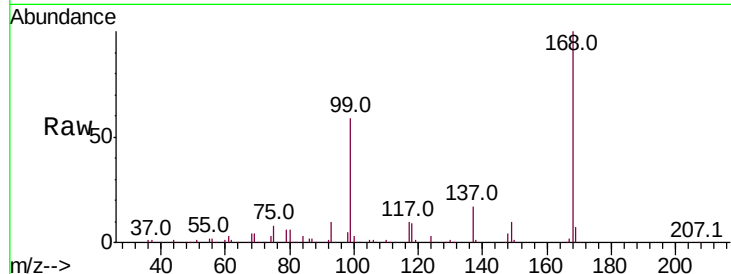




#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX019150.D
Acq: 27 Oct 2020 20:33

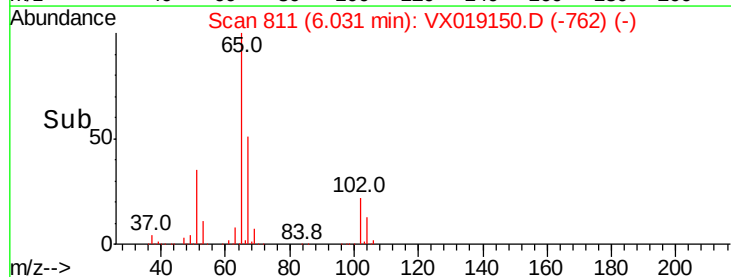
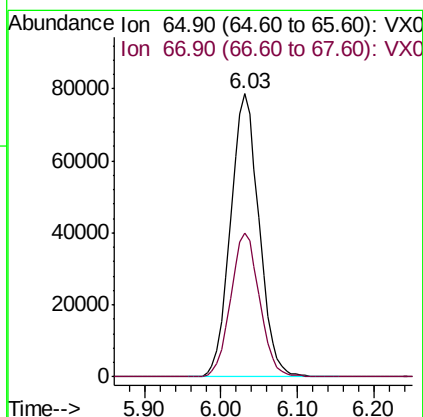
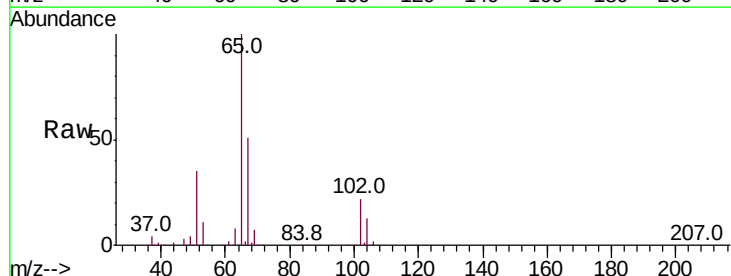
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

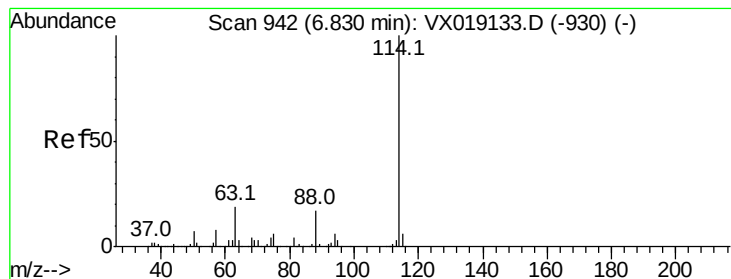
Tot Ion: 56 Resp: 6733
Ion Ratio Lower Upper
56 100
69 175.4 25.9 38.9#
84 140.1 73.4 110.2#



#33
1,2-Dichloroethane-d4
Concen: 49.843 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019150.D
Acq: 27 Oct 2020 20:33

Tgt Ion: 65 Resp: 203069
Ion Ratio Lower Upper
65 100
67 51.4 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: VX019150.D

Acq: 27 Oct 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

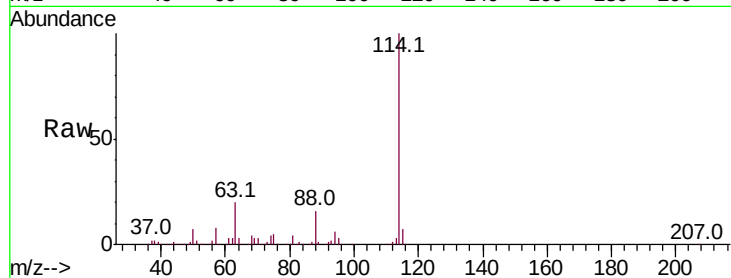
Tot Ion:114 Resp: 539097

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.8

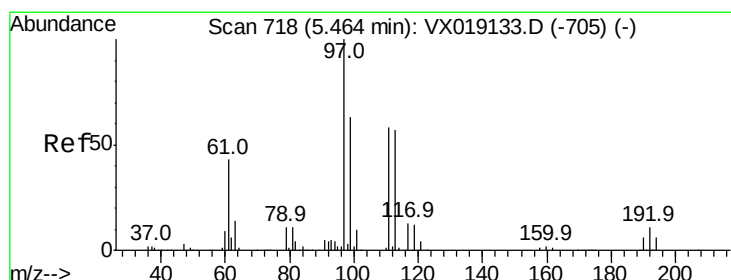
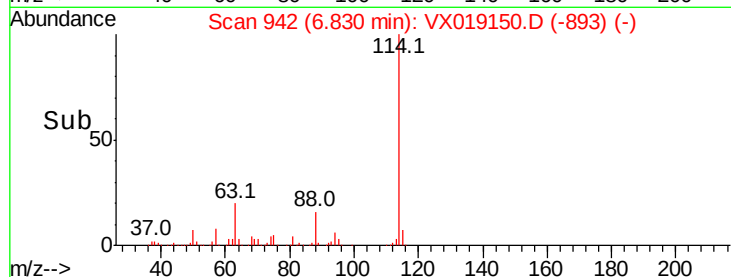
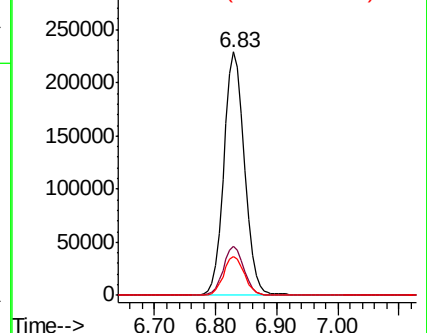
88 16.1 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.800 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019150.D

Acq: 27 Oct 2020 20:33

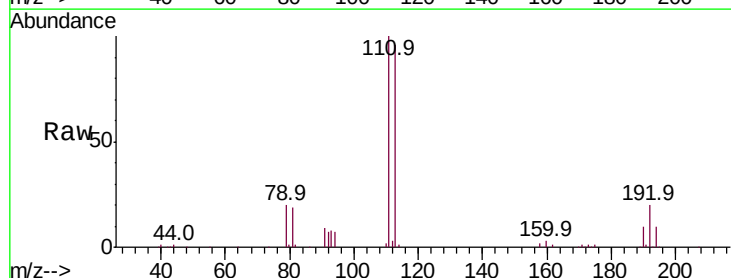
Tgt Ion:113 Resp: 165251

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

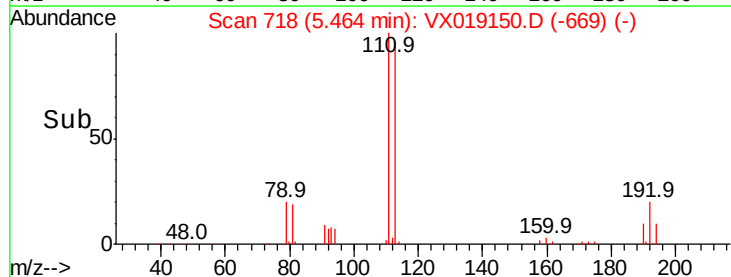
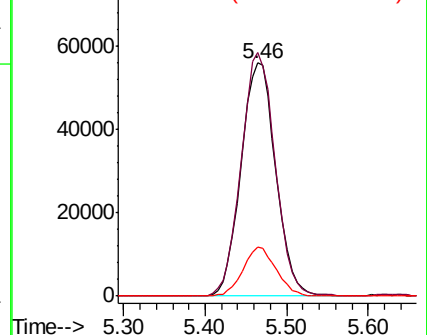
192 20.0 16.2 24.2

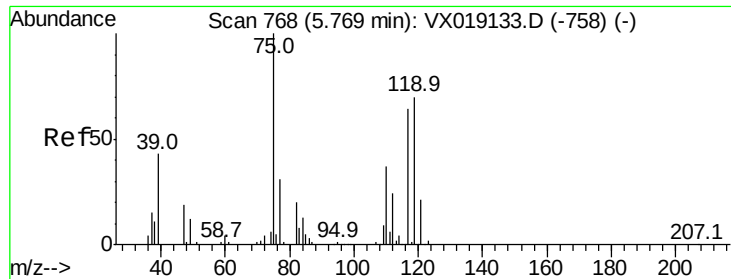


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

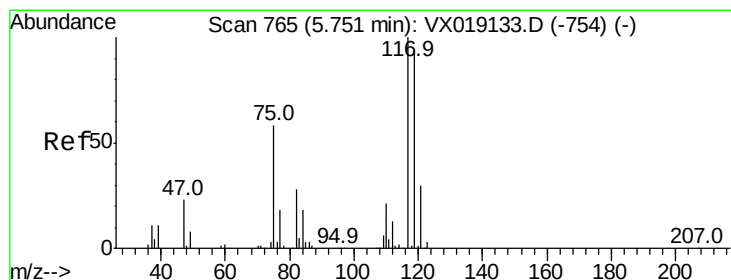
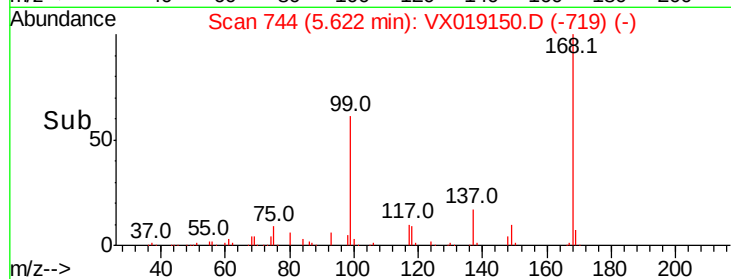
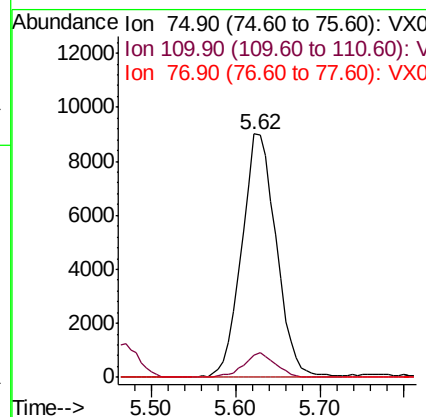
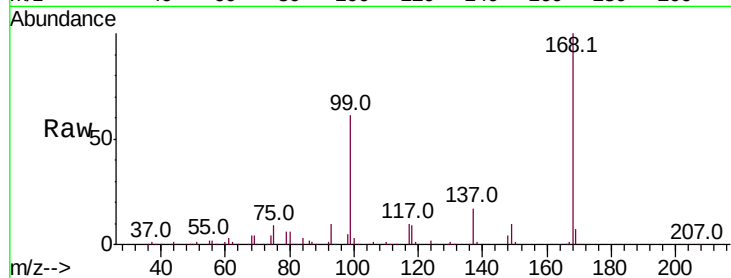




#36
 1,1-Dichloropropene
 Concen: 5.017 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX019150.D
 Acq: 27 Oct 2020 20:33

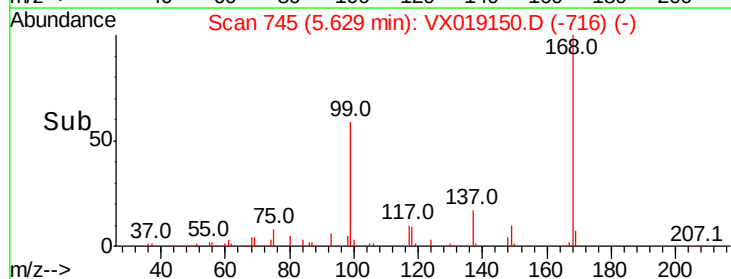
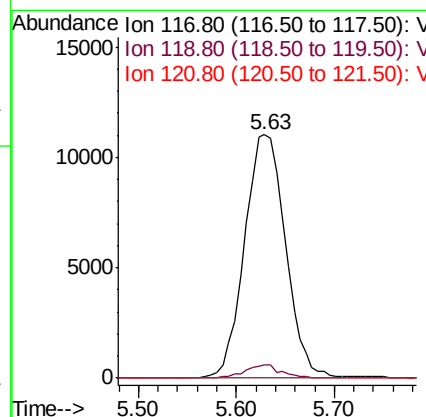
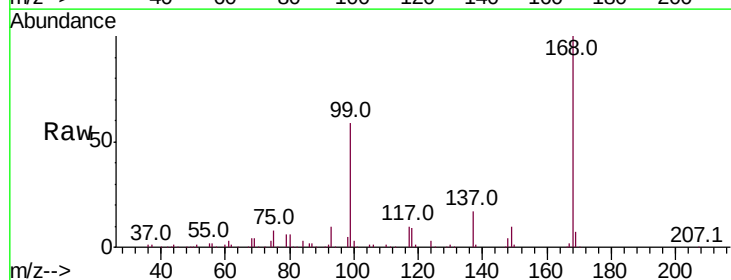
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

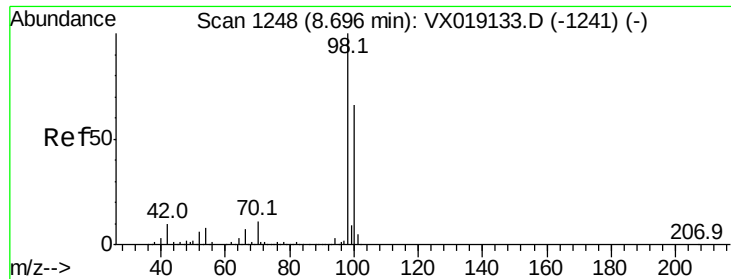
Tot Ion: 75 Resp: 24976
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.3 54.9#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.324 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX019150.D
 Acq: 27 Oct 2020 20:33

Tgt Ion: 117 Resp: 32091
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.0 112.6#
 121 0.0 23.9 35.9#

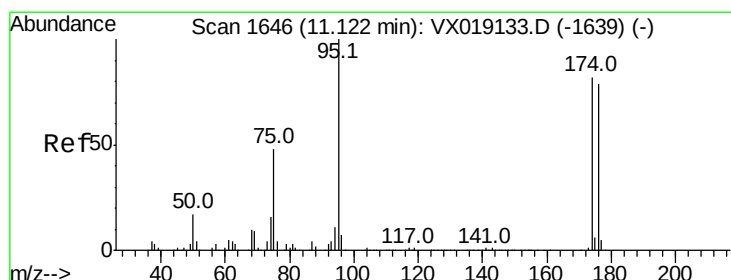
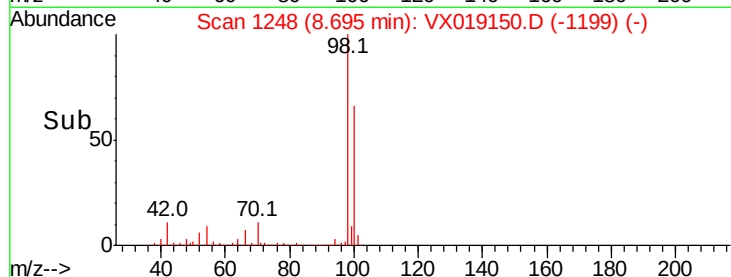
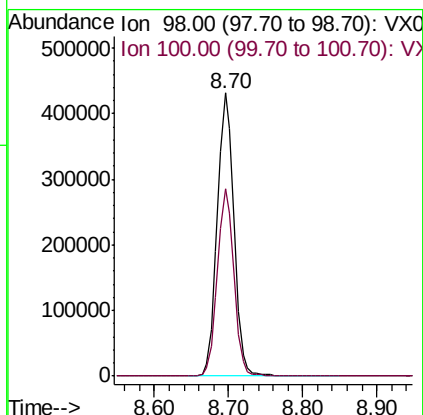
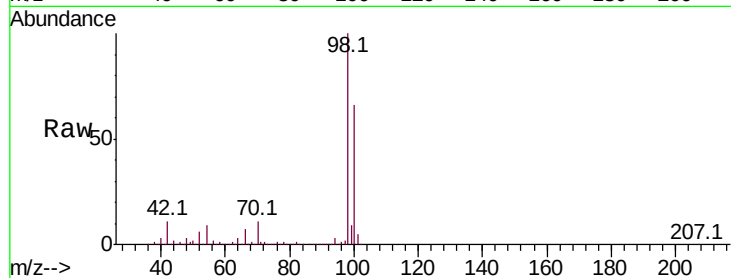




#50
Toluene-d8
Concen: 52.159 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019150.D
Acq: 27 Oct 2020 20:33

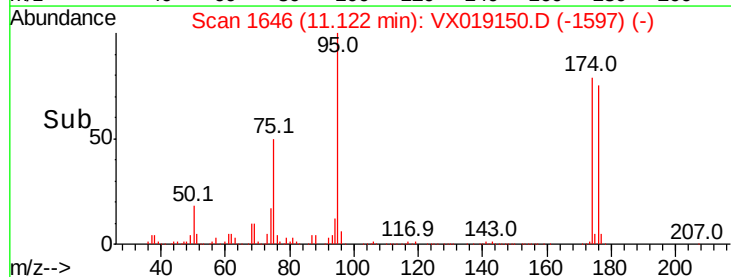
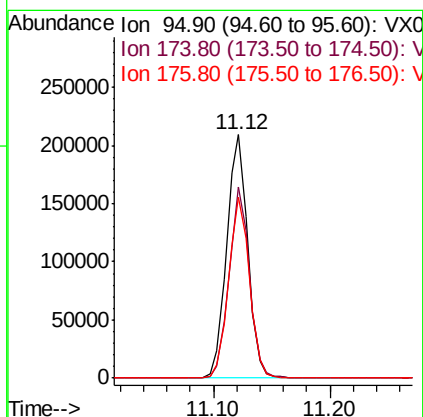
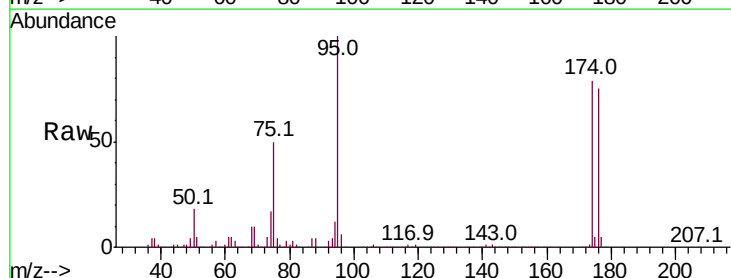
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

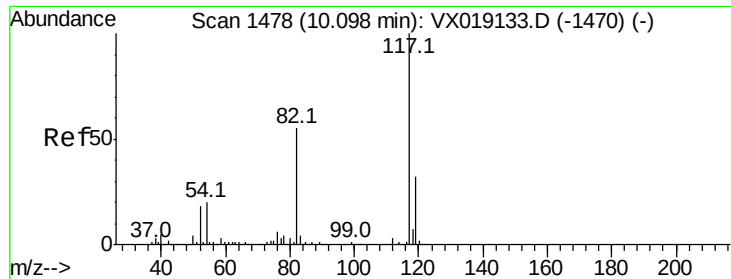
Tot Ion: 98 Resp: 665818
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 54.137 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019150.D
Acq: 27 Oct 2020 20:33

Tgt Ion: 95 Resp: 261711
Ion Ratio Lower Upper
95 100
174 76.4 0.0 156.0
176 74.3 0.0 149.8

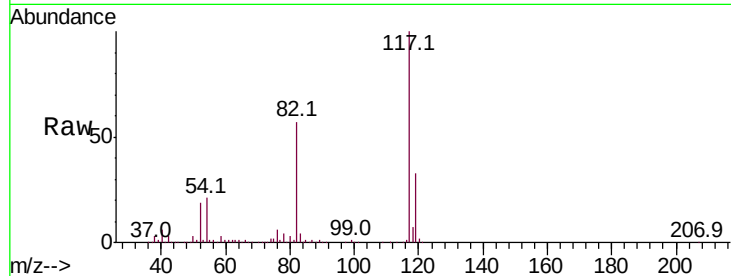




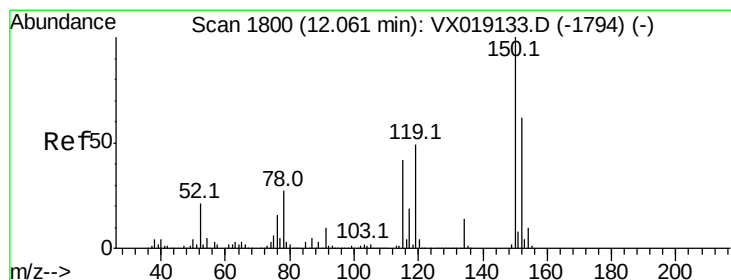
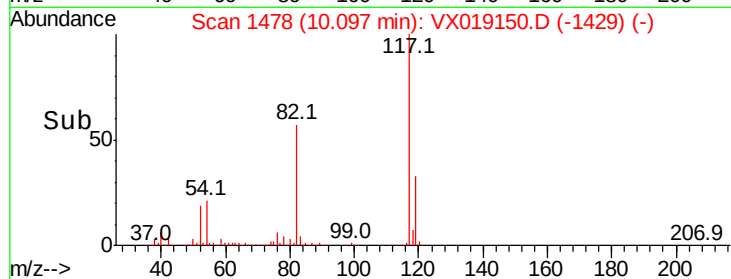
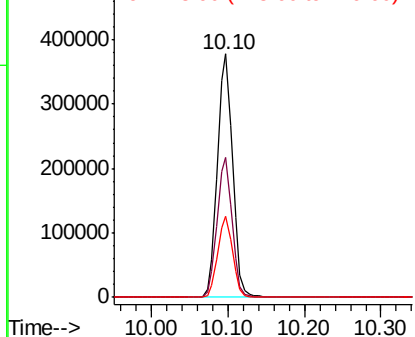
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019150.D
Acq: 27 Oct 2020 20:33

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 520431
Ion Ratio Lower Upper
117 100
82 57.3 43.6 65.4
119 33.2 25.5 38.3

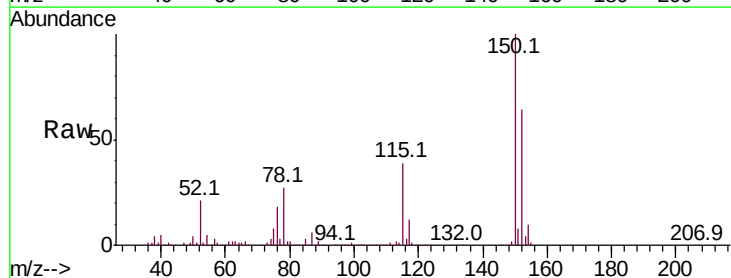


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

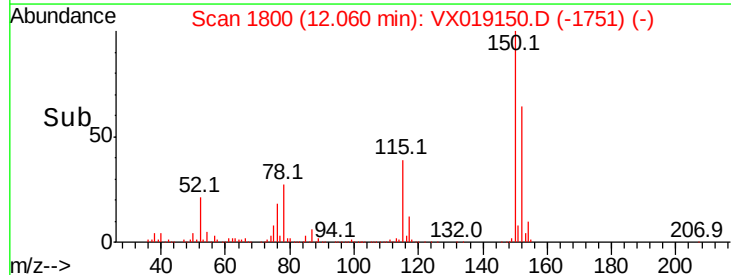
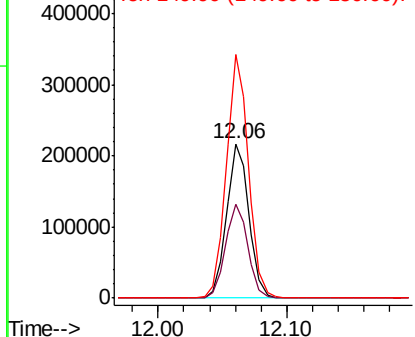


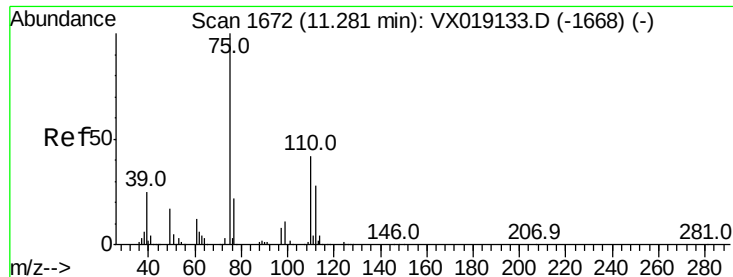
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019150.D
Acq: 27 Oct 2020 20:33

Tgt Ion:152 Resp: 265073
Ion Ratio Lower Upper
152 100
115 61.1 41.9 125.7
150 155.6 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: 24.509 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019150.D

Acq: 27 Oct 2020 20:33

Instrument :

MSVOA_X

ClientSampleId :

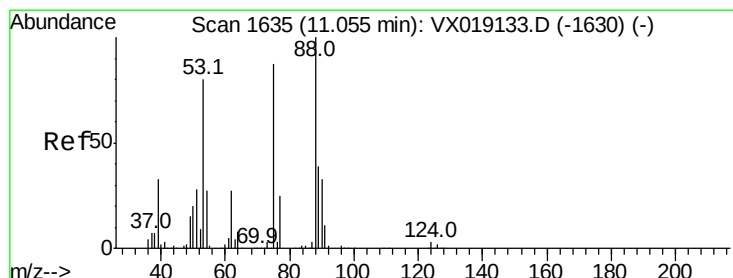
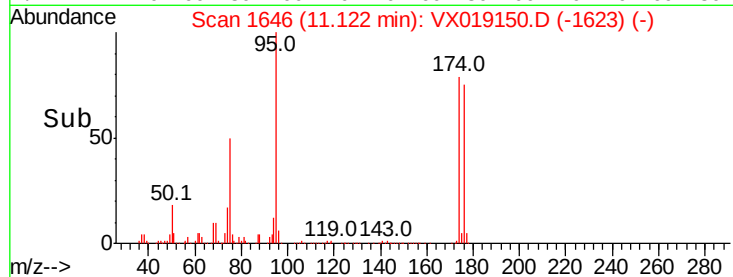
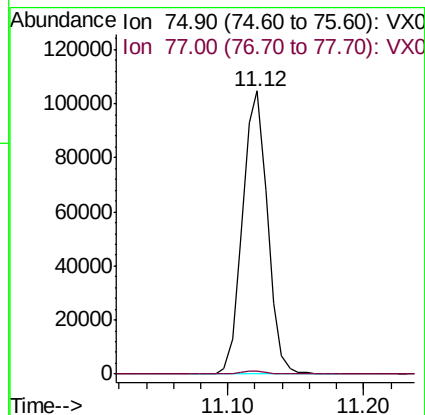
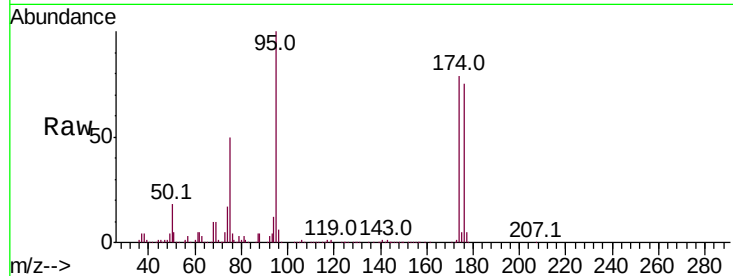
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 134145

Ion Ratio Lower Upper

75 100

77 1.1 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.533 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019150.D

Acq: 27 Oct 2020 20:33

Tgt Ion: 75 Resp: 134145

Ion Ratio Lower Upper

75 100

53 0.0 73.3 109.9#

89 0.0 38.2 57.2#

