

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102720\
 Data File : VX019147.D
 Acq On : 27 Oct 2020 19:25
 Operator : JC/MD
 Sample : L4504-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 28 02:30:16 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	322353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	558510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	537817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	275426	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	210708	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	5.46	113	170671	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	8.70	98	689932	52.17	ug/l	0.00
Spiked Amount			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.12	95	266872	53.29	ug/l	0.00
Spiked Amount			Recovery	=	106.58%	

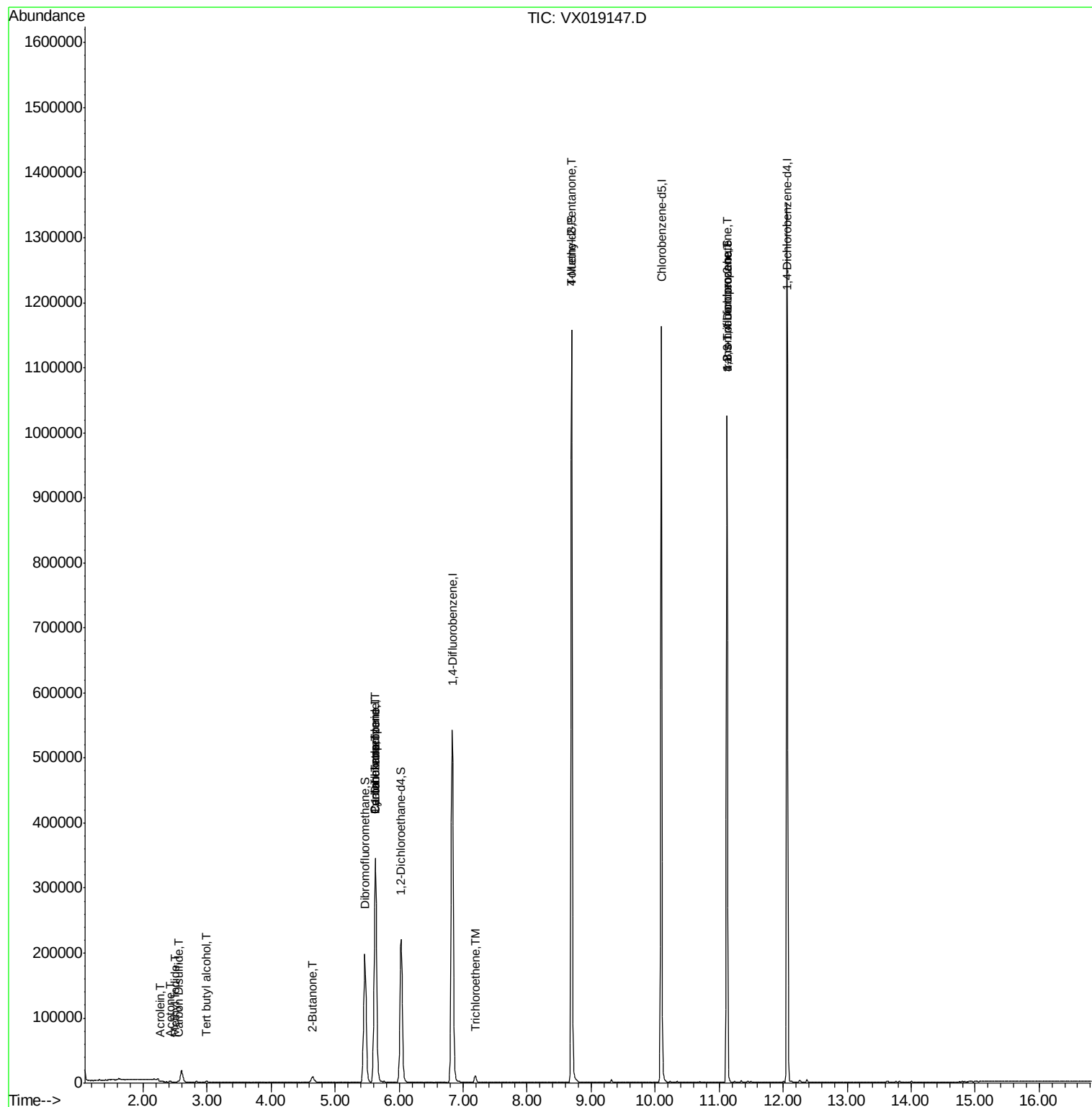
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	190	6.425	ug/l #	53
11) Tert butyl alcohol	2.99	59	1091	1.329	ug/l #	72
13) Acrolein	2.28	56	133	6.002	ug/l #	16
16) Acetone	2.42	43	1380	0.962	ug/l	98
17) Carbon Disulfide	2.56	76	1259	0.899	ug/l	97
25) 2-Butanone	4.64	43	670	0.296	ug/l #	44
31) Cyclohexane	5.64	56	6918	1.316	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	24948	4.837	ug/l #	49
38) Carbon Tetrachloride	5.63	117	33518	6.376	ug/l #	15
44) Trichloroethene	7.19	130	3688	0.881	ug/l	94
51) 4-Methyl-2-Pentanone	8.70	43	2984	0.648	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	135908	23.898	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	135908	62.924	ug/l #	12

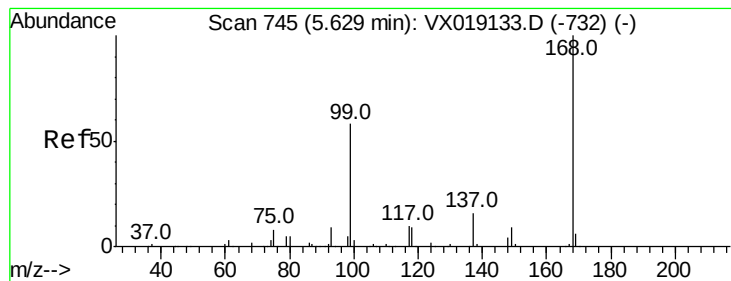
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102720\
Data File : VX019147.D
Acq On : 27 Oct 2020 19:25
Operator : JC/MD
Sample : L4504-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 28 02:30:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
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# 745

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

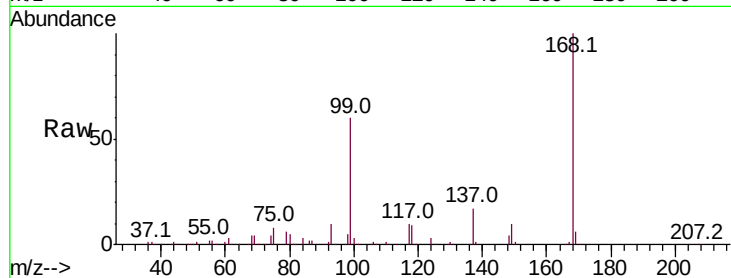
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 322353

Ion Ratio Lower Upper

168 100

99 60.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

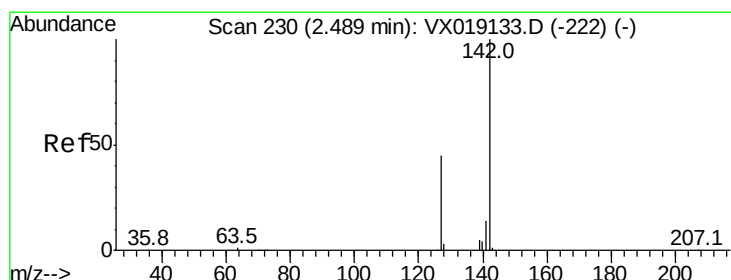
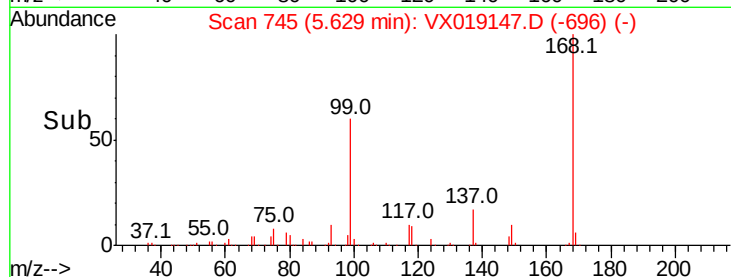
5.63

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 6.425 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

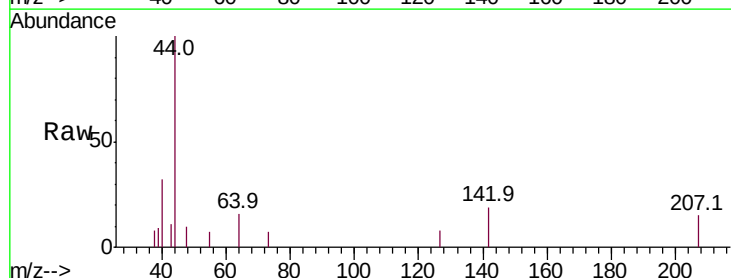
Tgt Ion:142 Resp: 190

Ion Ratio Lower Upper

142 100

127 11.6 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

200

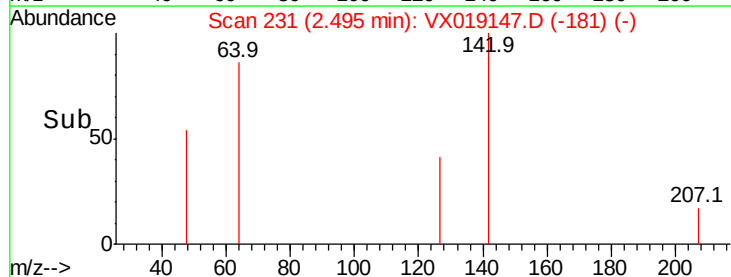
150

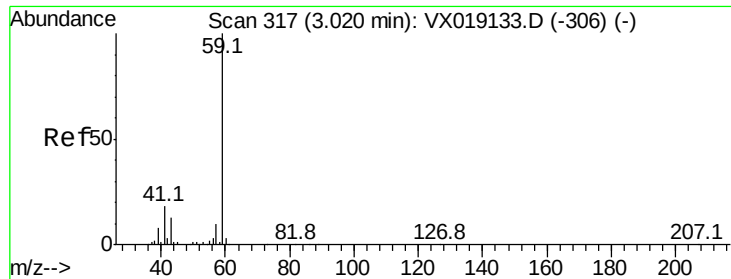
100

50

0

Time-->

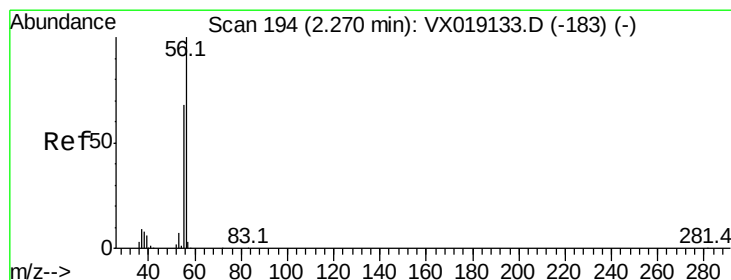
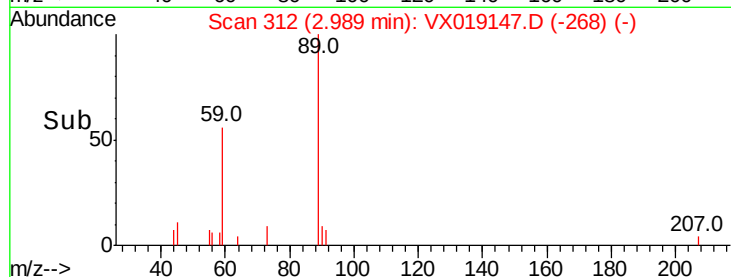
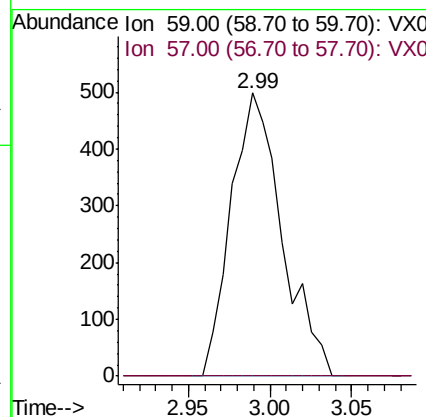
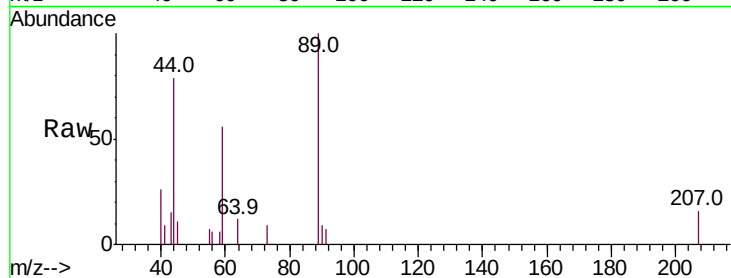




#11
Tert butyl alcohol
Concen: 1.329 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.03 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

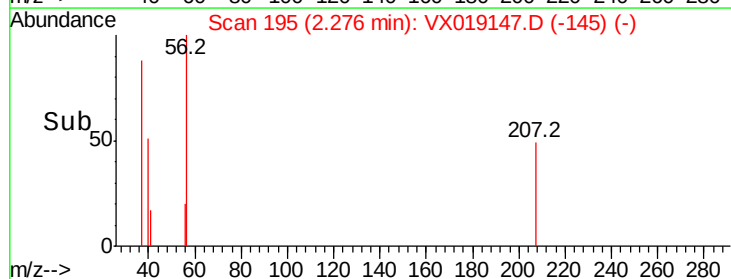
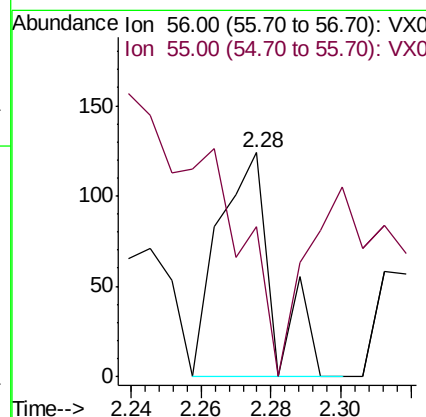
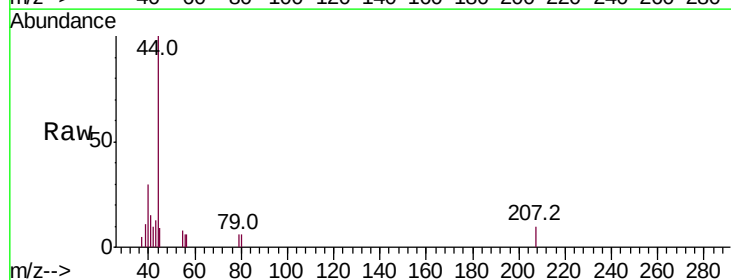
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

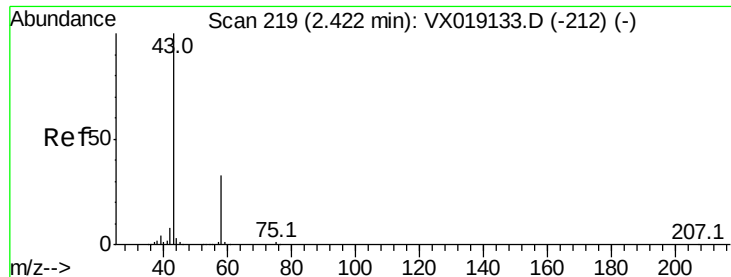
Tot Ion: 59 Resp: 1091
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 6.002 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

Tgt Ion: 56 Resp: 133
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#





#16

Acetone

Concen: 0.962 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

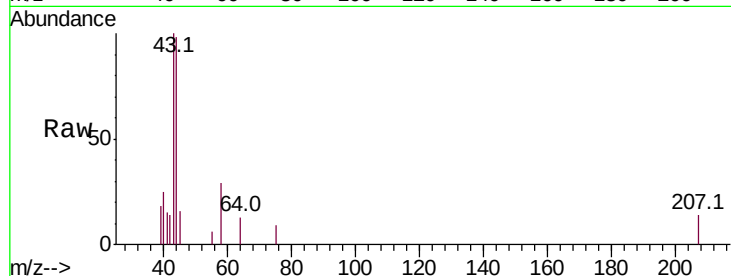
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 43 Resp: 1380

Ion Ratio Lower Upper

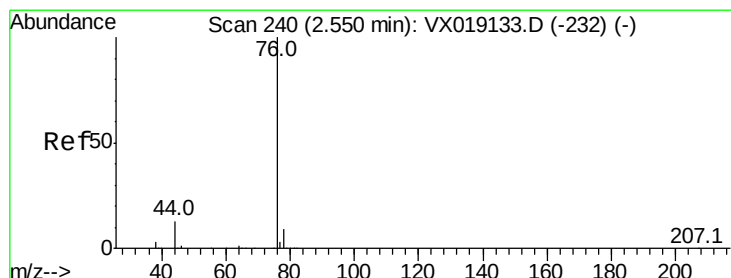
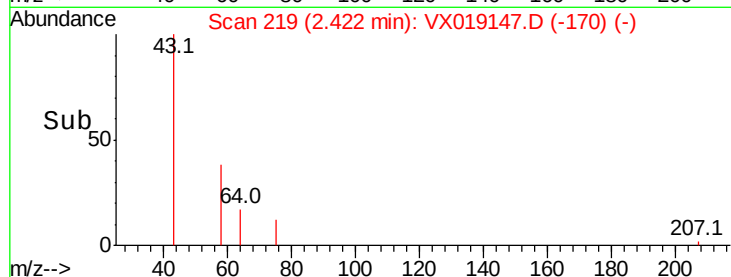
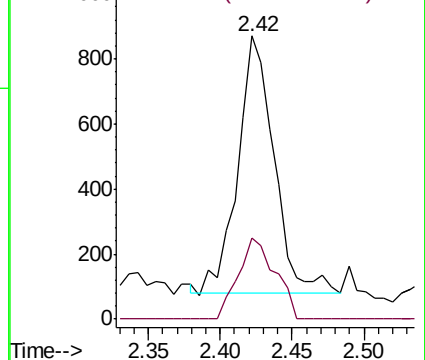
43 100

58 31.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.899 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019147.D

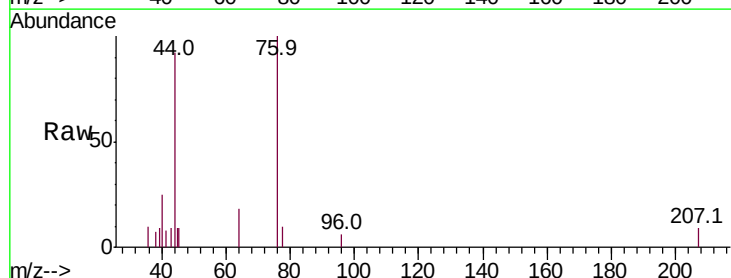
Acq: 27 Oct 2020 19:25

Tgt Ion: 76 Resp: 1259

Ion Ratio Lower Upper

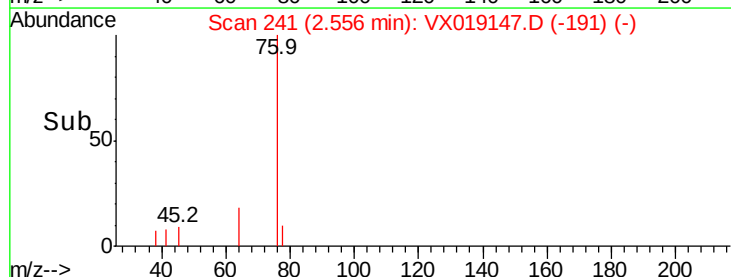
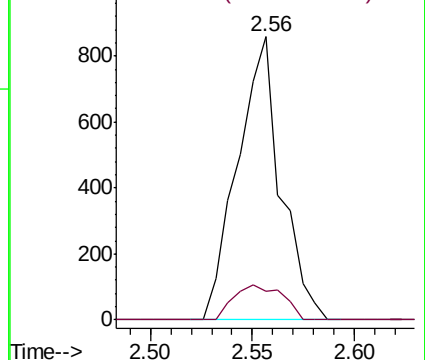
76 100

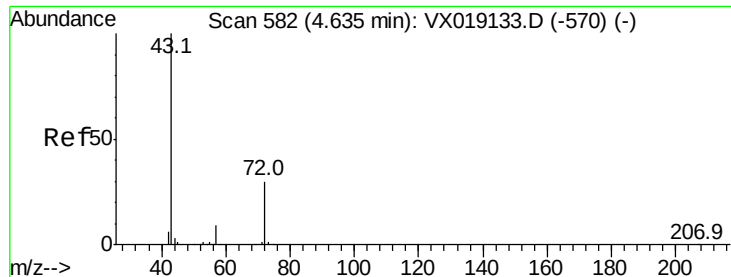
78 10.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#25

2-Butanone

Concen: 0.296 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

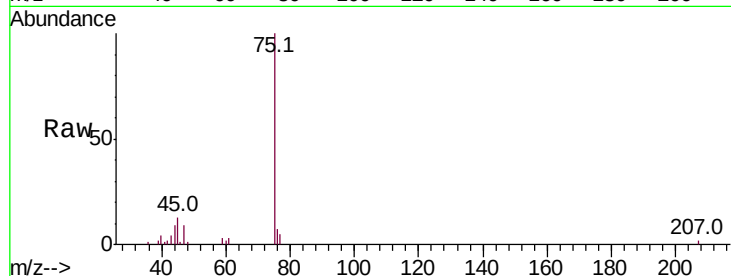
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 43 Resp: 670

Ion Ratio Lower Upper

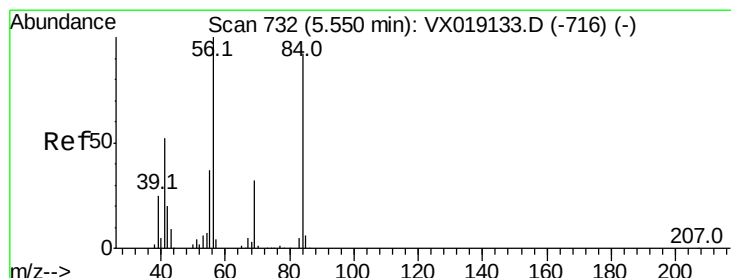
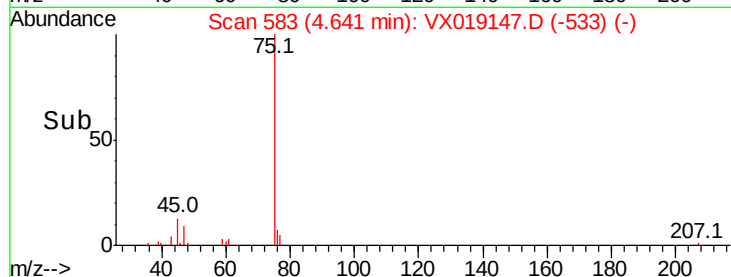
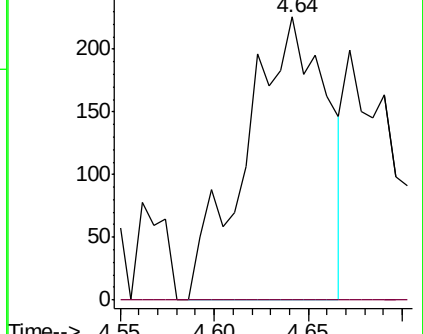
43 100

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: 1.316 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.09 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

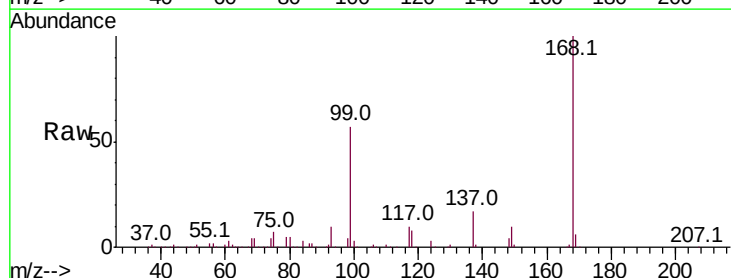
Tgt Ion: 56 Resp: 6918

Ion Ratio Lower Upper

56 100

69 186.4 25.9 38.9#

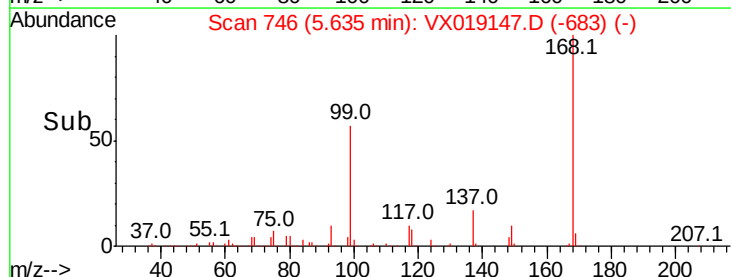
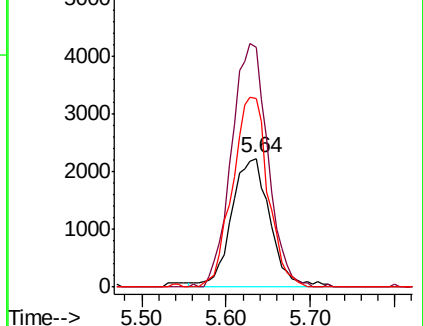
84 146.5 73.4 110.2#

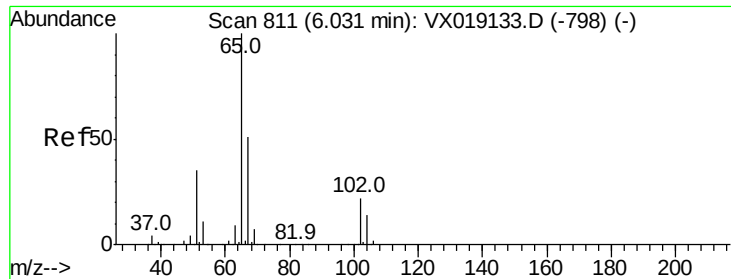


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

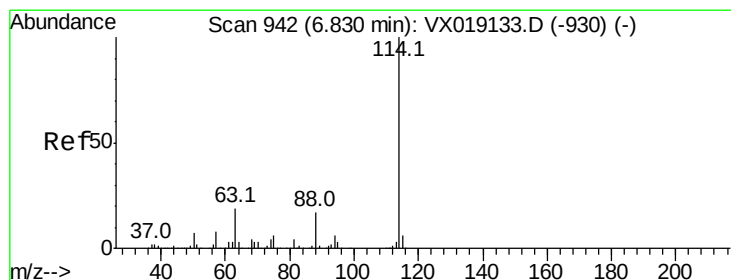
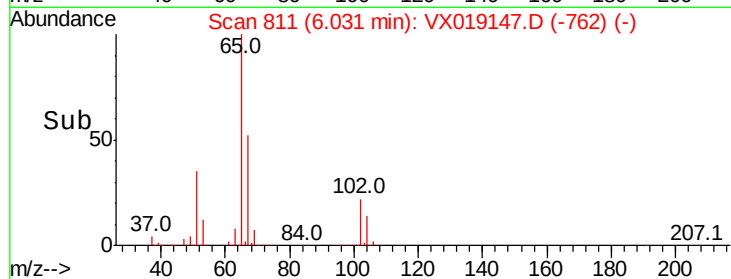
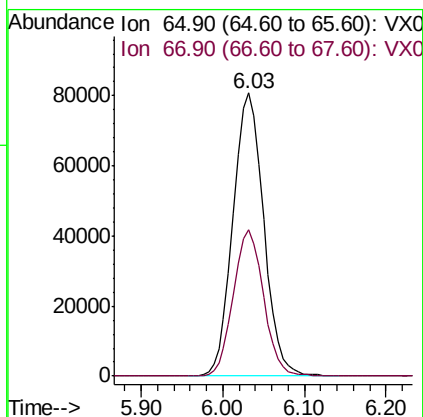
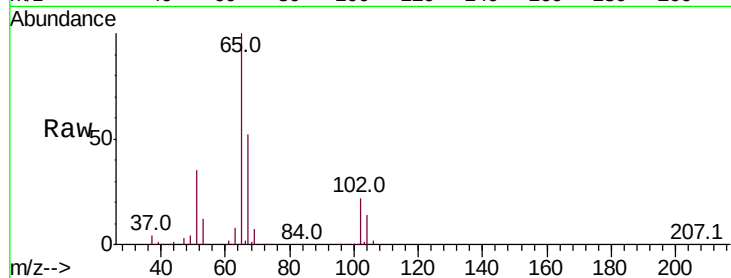




#33
 1,2-Dichloroethane-d4
 Concen: 50.686 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019147.D
 Acq: 27 Oct 2020 19:25

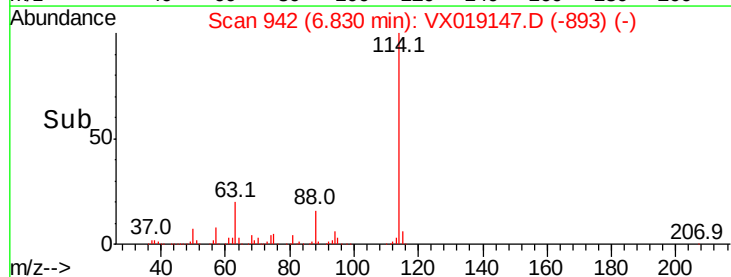
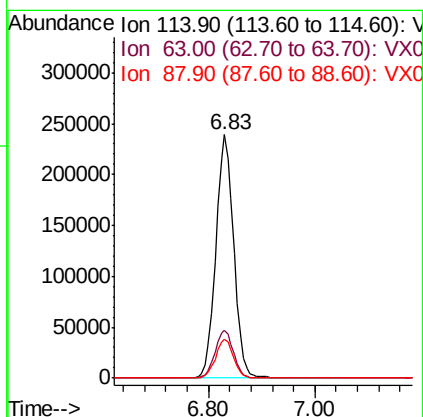
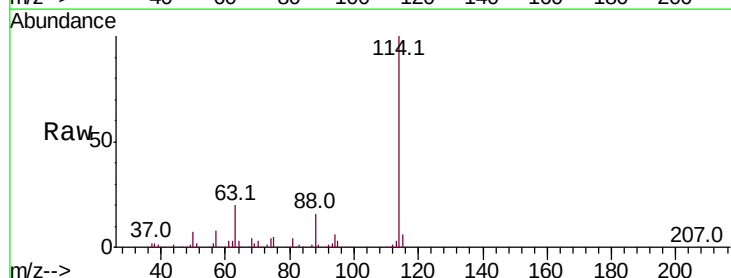
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

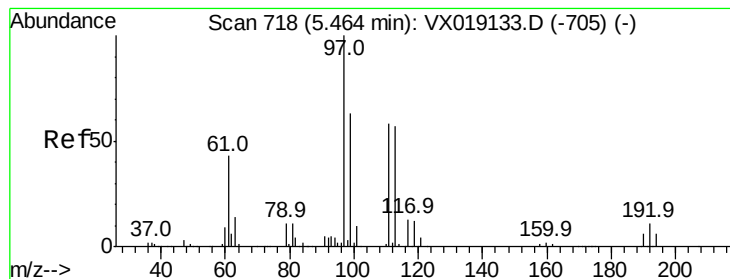
Tot Ion: 65 Resp: 210708
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019147.D
 Acq: 27 Oct 2020 19:25

Tgt Ion: 114 Resp: 558510
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.649 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

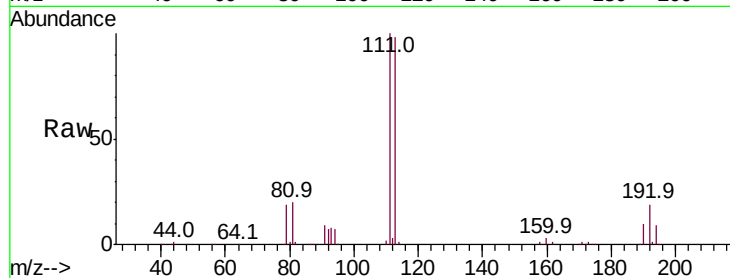
Tot Ion:113 Resp: 170671

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

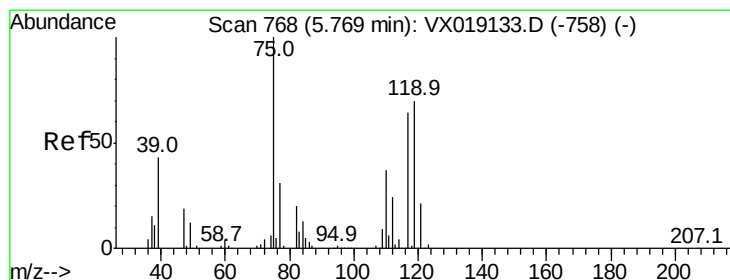
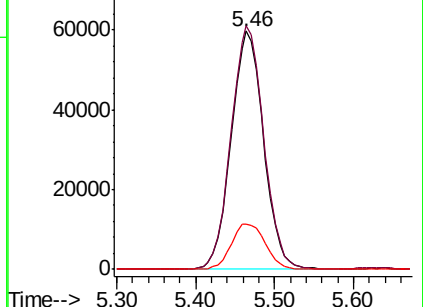
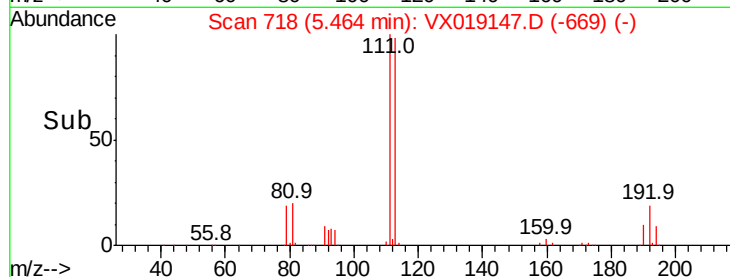
192 20.1 16.2 24.2



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: 4.837 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

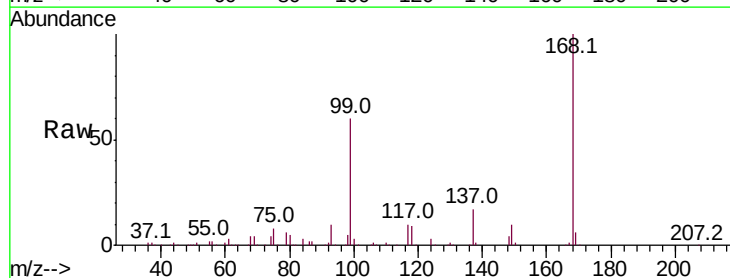
Tgt Ion: 75 Resp: 24948

Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.9#

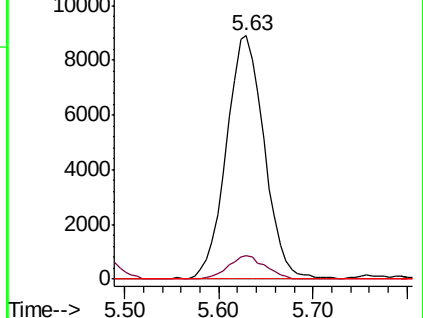
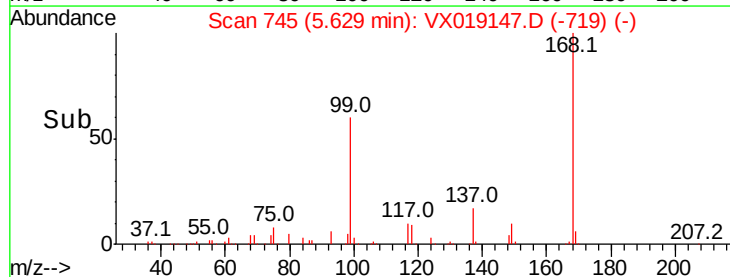
77 0.0 24.9 37.3#

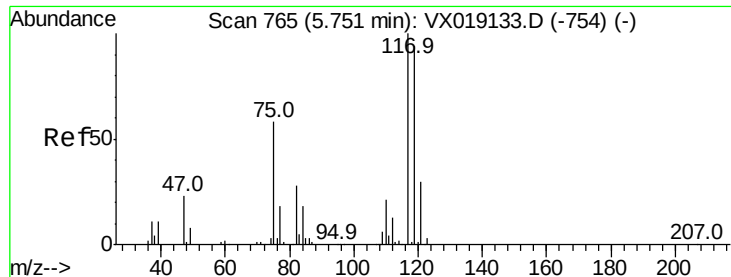


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

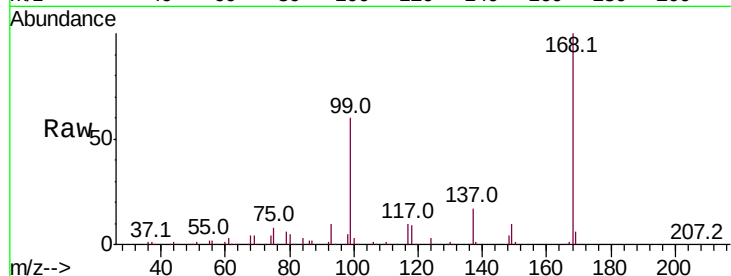




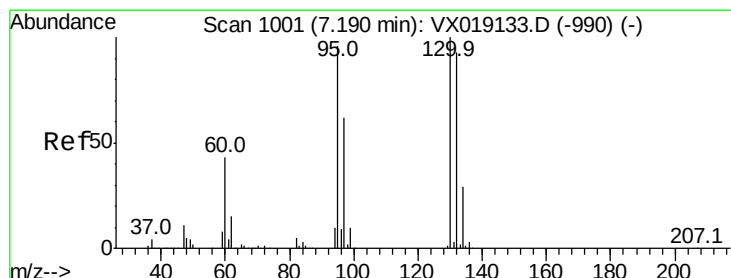
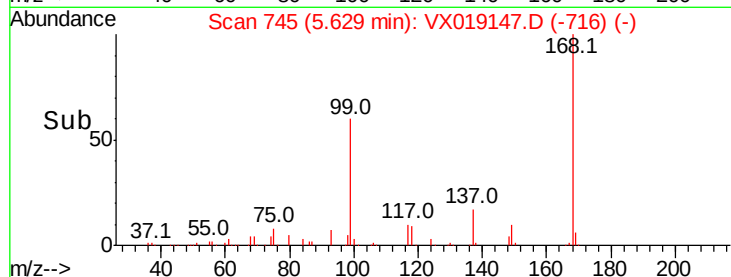
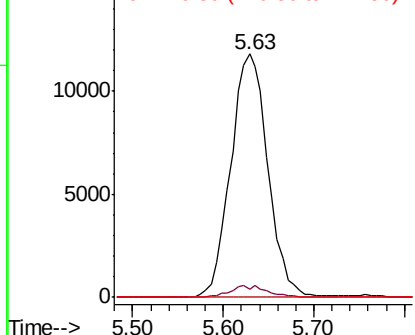
#38
Carbon Tetrachloride
Concen: 6.376 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 33518
Ion Ratio Lower Upper
117 100
119 3.3 75.0 112.6#
121 0.0 23.9 35.9#

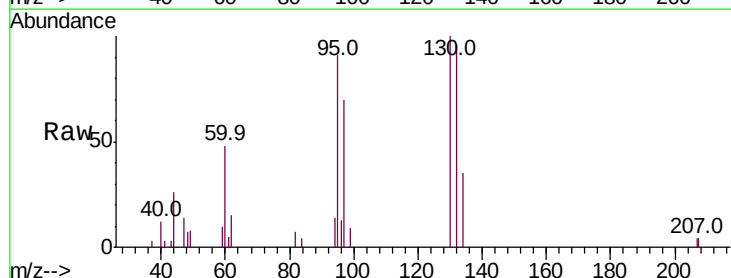


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

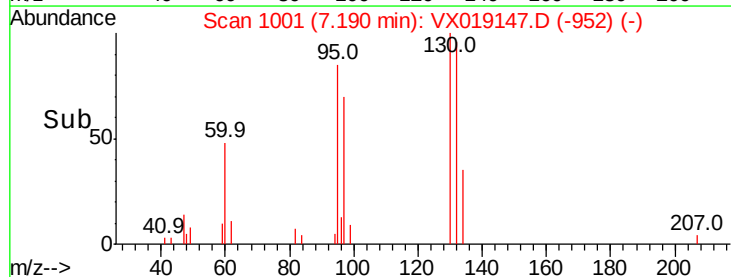
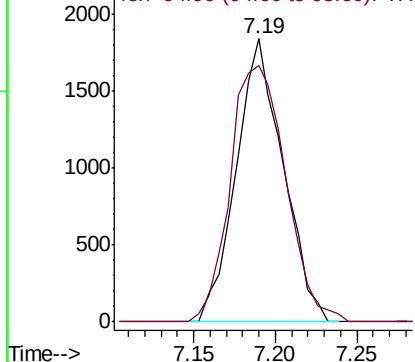


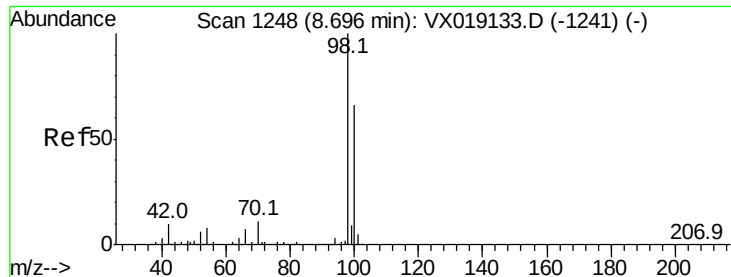
#44
Trichloroethene
Concen: 0.881 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

Tgt Ion:130 Resp: 3688
Ion Ratio Lower Upper
130 100
95 90.6 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

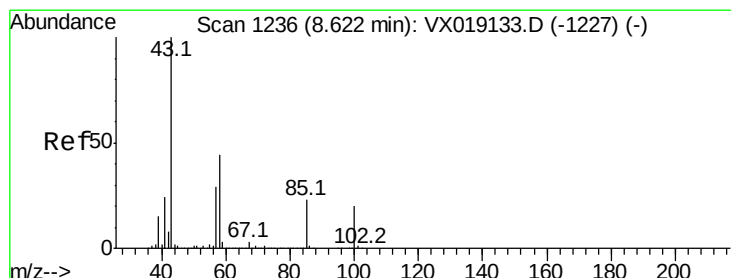
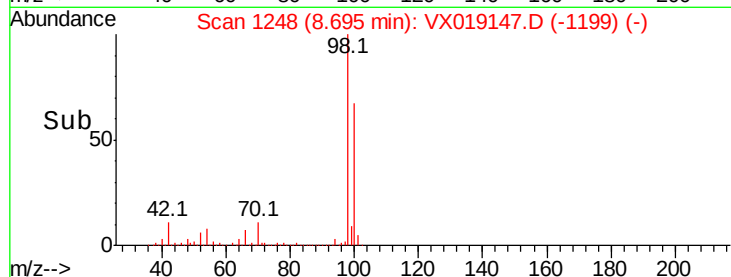
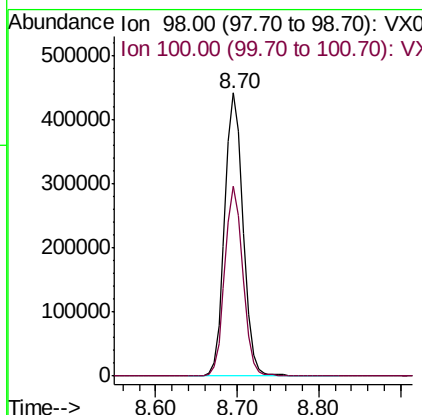
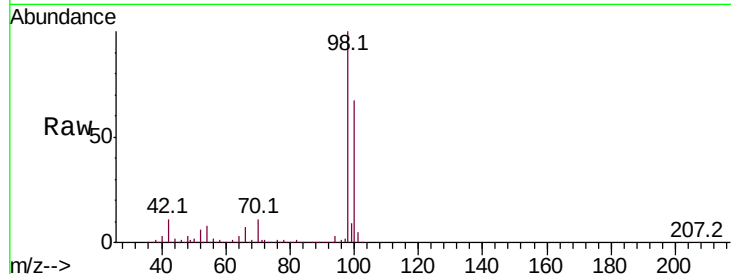




#50
Toluene-d8
Concen: 52.170 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

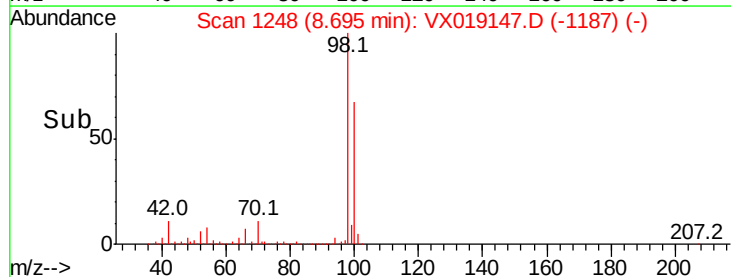
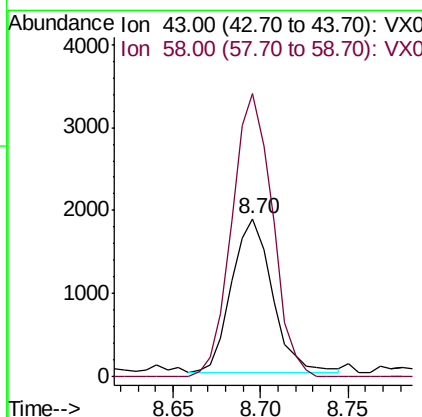
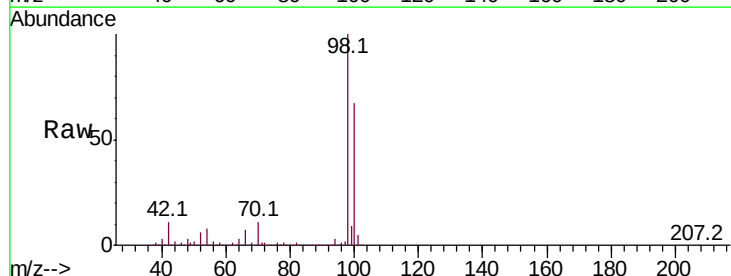
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

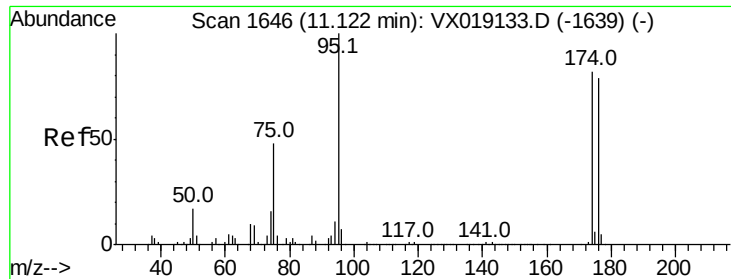
Tot Ion: 98 Resp: 689932
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.648 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.07 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

Tgt Ion: 43 Resp: 2984
Ion Ratio Lower Upper
43 100
58 184.2 35.0 52.4#

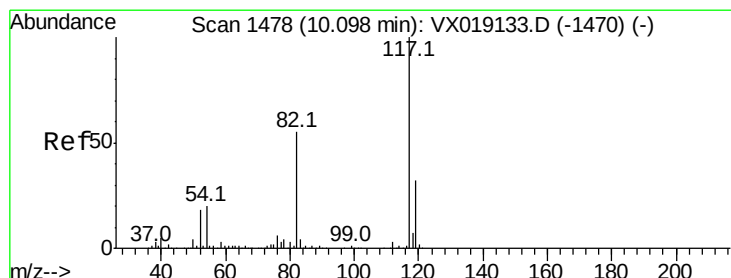
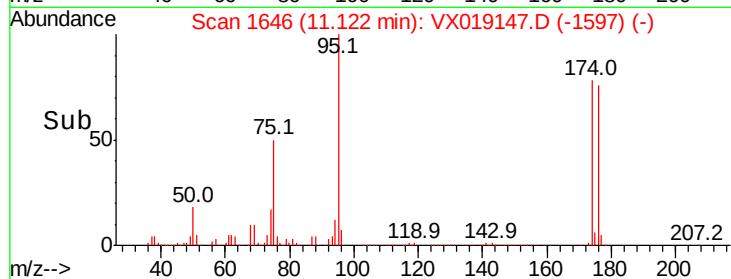
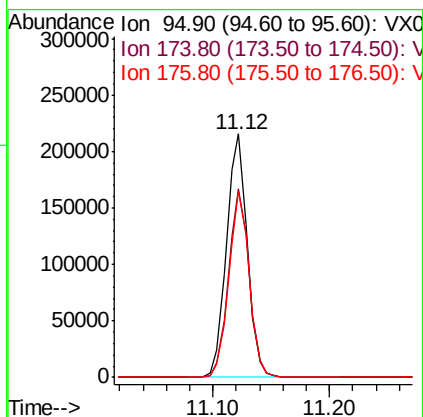
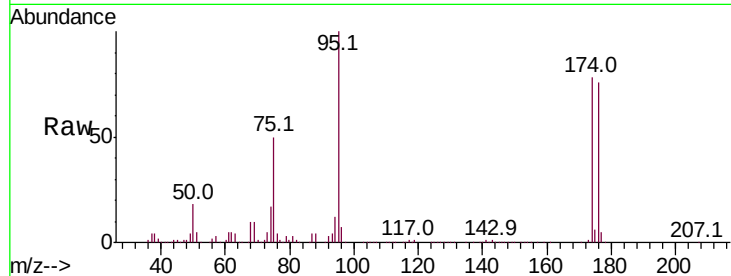




#62
4-Bromofluorobenzene
Concen: 53.286 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

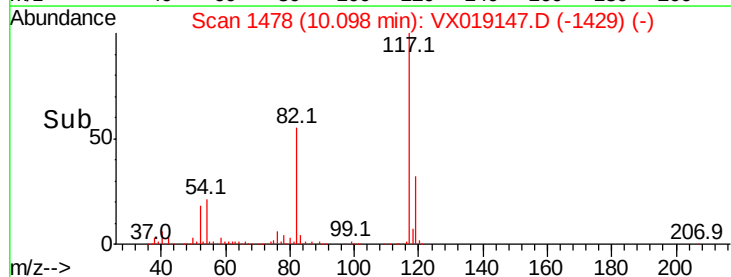
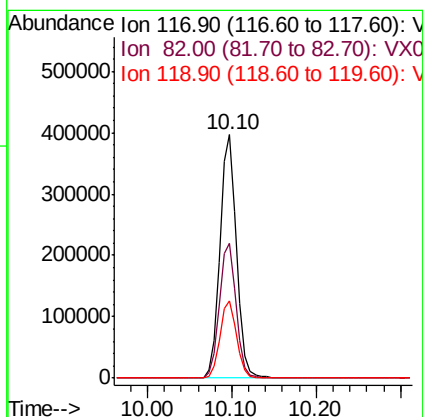
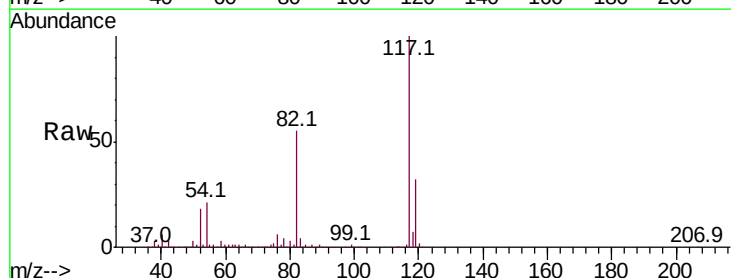
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

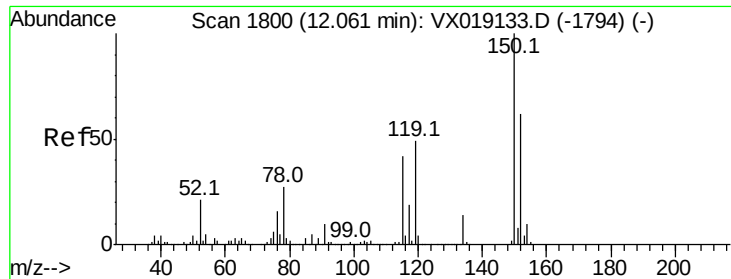
Tot Ion: 95 Resp: 266872
Ion Ratio Lower Upper
95 100
174 77.3 0.0 156.0
176 75.0 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019147.D
Acq: 27 Oct 2020 19:25

Tgt Ion: 117 Resp: 537817
Ion Ratio Lower Upper
117 100
82 55.3 43.6 65.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019147.D

Acq: 27 Oct 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

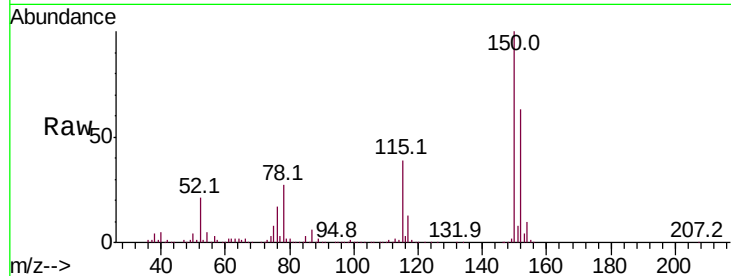
Tot Ion:152 Resp: 275426

Ion Ratio Lower Upper

152 100

115 60.4 41.9 125.7

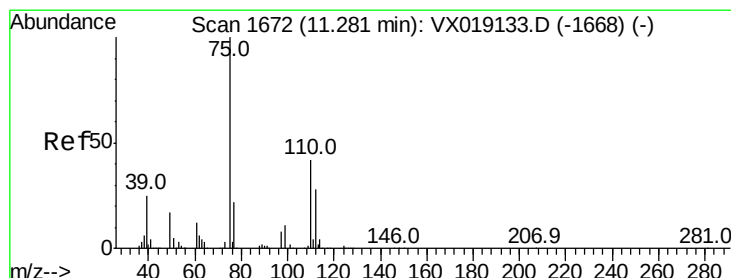
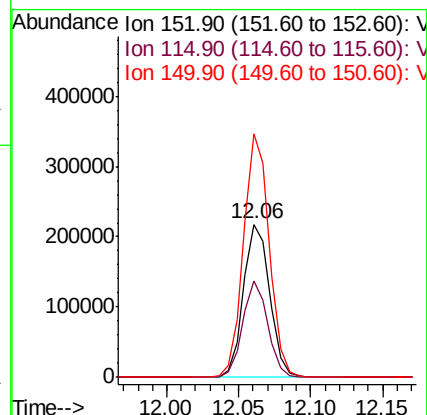
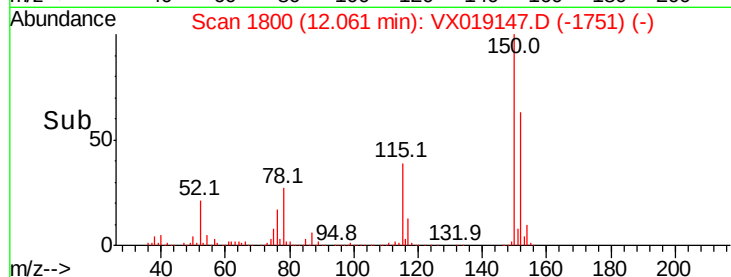
150 155.8 0.0 347.8



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: 23.898 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019147.D

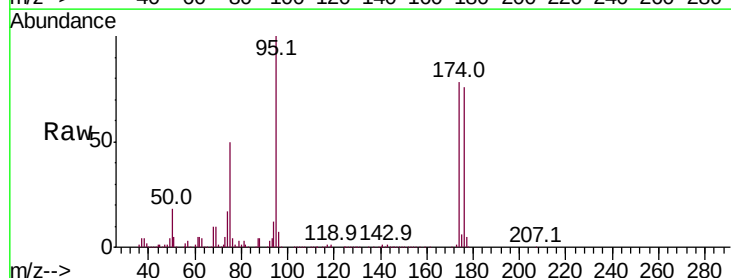
Acq: 27 Oct 2020 19:25

Tgt Ion: 75 Resp: 135908

Ion Ratio Lower Upper

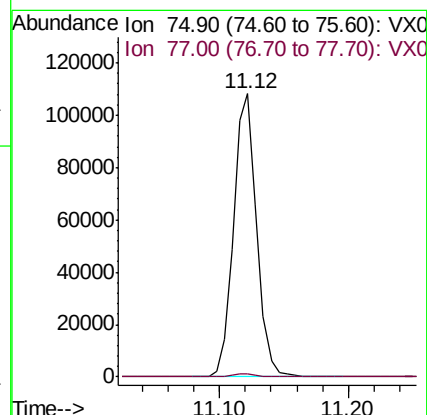
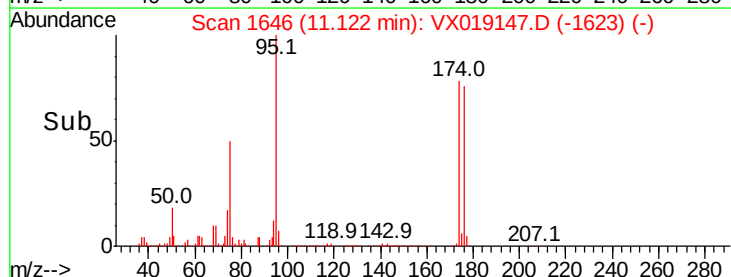
75 100

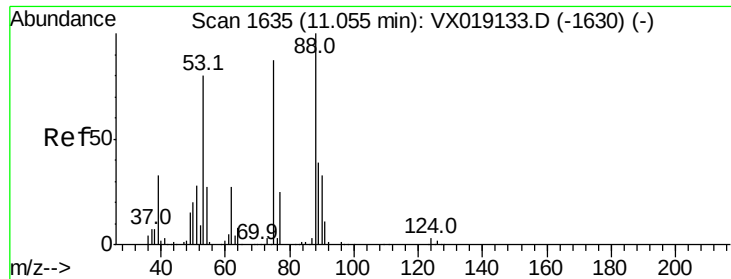
77 1.1 20.3 60.9#



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: 62.924 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX019147.D
 Acq: 27 Oct 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tot Ion: 75 Resp: 135908
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.3 109.9#
 89 0.0 38.2 57.2#

