

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019358.D
 Acq On : 09 Nov 2020 11:18
 Operator : JC/MD
 Sample : VX1109WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 01:40:12 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	5.62	168	337265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	579997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	538837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	266454	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	227769	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
35) Dibromofluoromethane	5.46	113	182758	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
50) Toluene-d8	8.70	98	714424	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
62) 4-Bromofluorobenzene	11.12	95	271810	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	

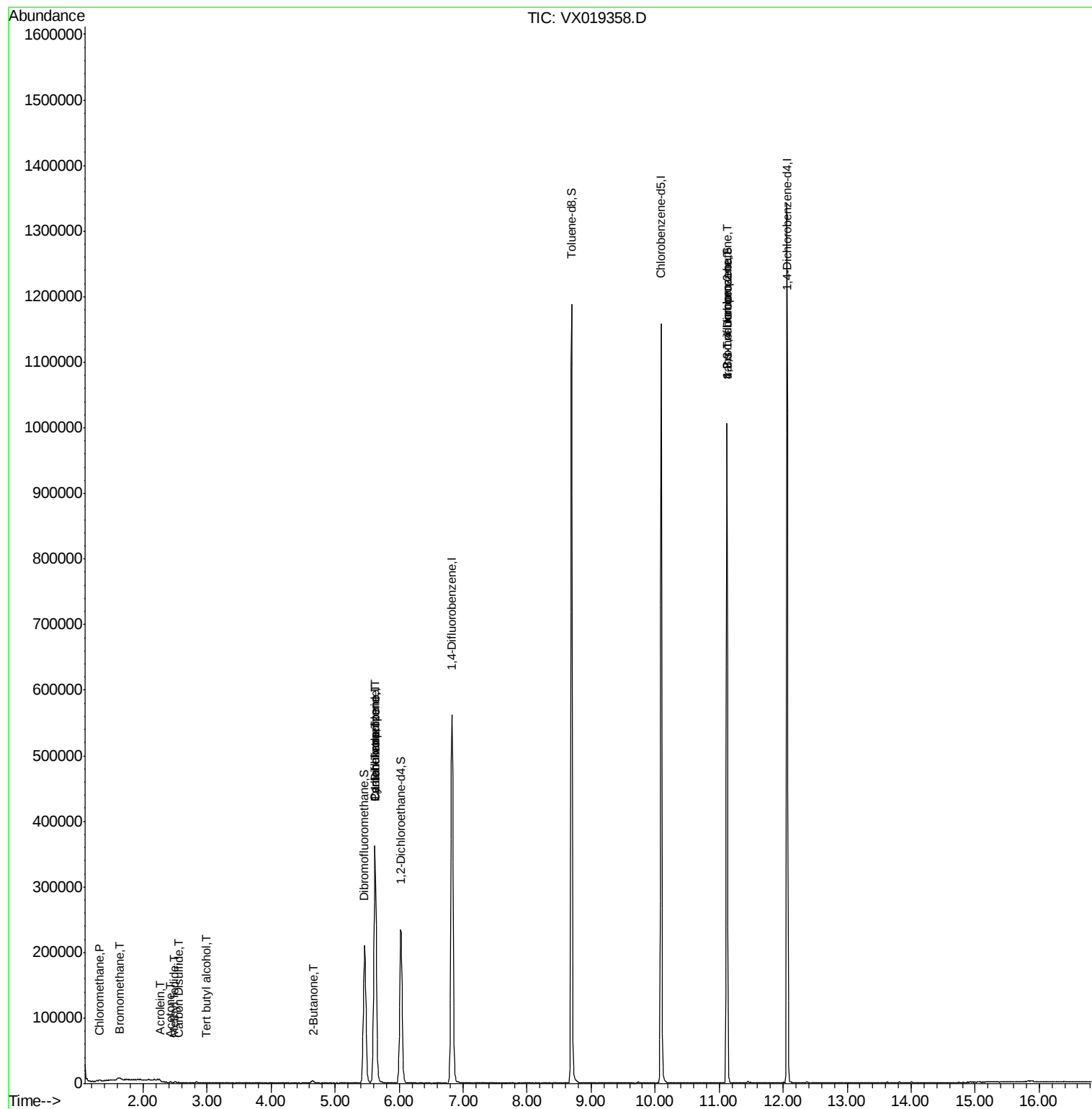
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	665	0.212	ug/l	95
5) Bromomethane	1.64	94	909	0.365	ug/l	84
10) Methyl Iodide	2.50	142	1581	6.747	ug/l	98
11) Tert butyl alcohol	2.99	59	726	0.845	ug/l #	72
13) Acrolein	2.27	56	245	6.271	ug/l #	1
16) Acetone	2.42	43	1280	0.853	ug/l	89
17) Carbon Disulfide	2.55	76	891	0.854	ug/l #	59
25) 2-Butanone	4.65	43	498	0.211	ug/l #	44
31) Cyclohexane	5.62	56	7547	1.373	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	28190	5.263	ug/l #	48
38) Carbon Tetrachloride	5.62	117	34722	6.360	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	138388	25.154	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	138388	66.229	ug/l #	12

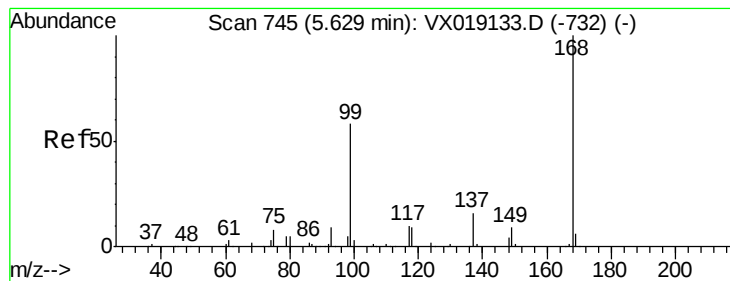
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110920\
Data File : VX019358.D
Acq On : 09 Nov 2020 11:18
Operator : JC/MD
Sample : VX1109WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Nov 10 01:40:12 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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

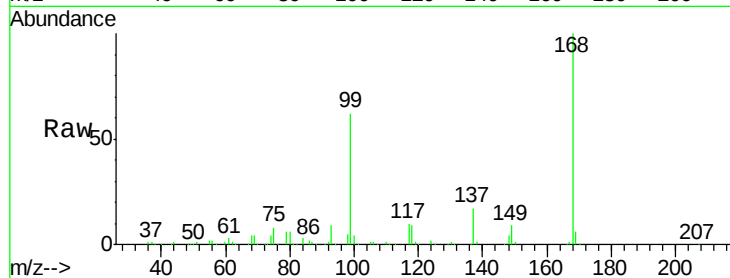
ClientSampleId :

Tot Ion:168 Resp: 337265

Ion Ratio Lower Upper

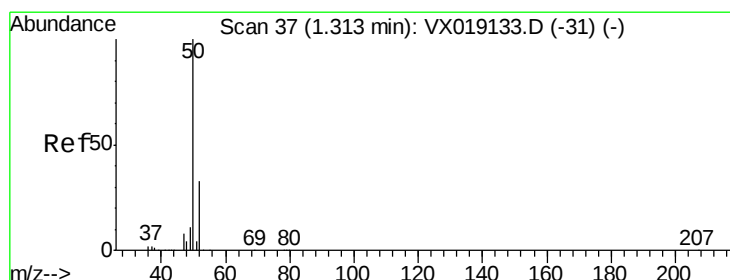
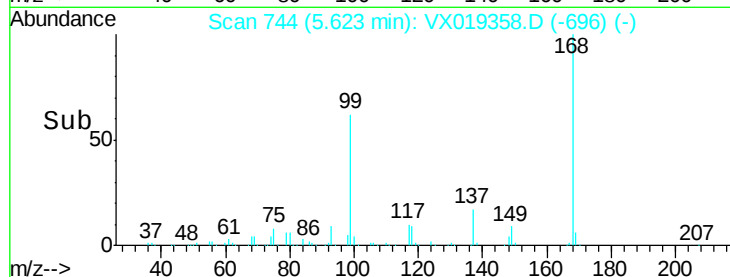
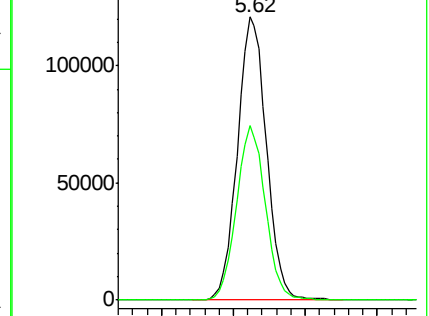
168 100

99 61.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.212 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019358.D

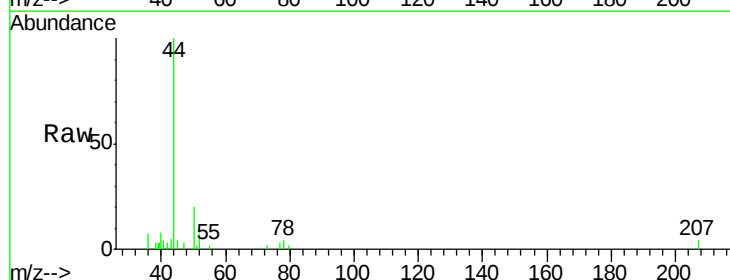
Acq: 09 Nov 2020 11:18

Tgt Ion: 50 Resp: 665

Ion Ratio Lower Upper

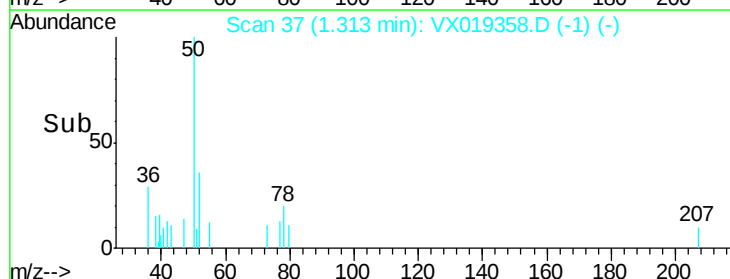
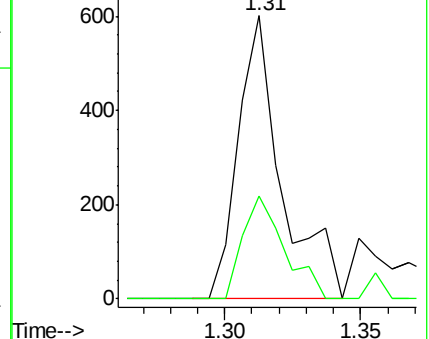
50 100

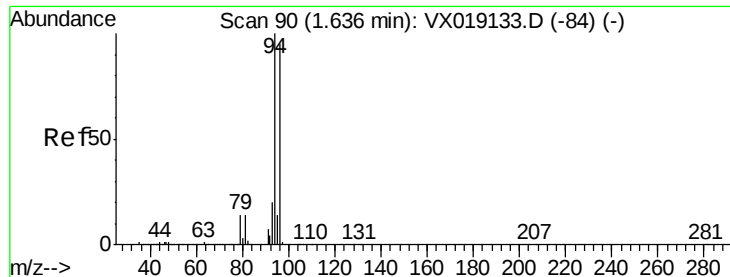
52 36.4 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.365 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

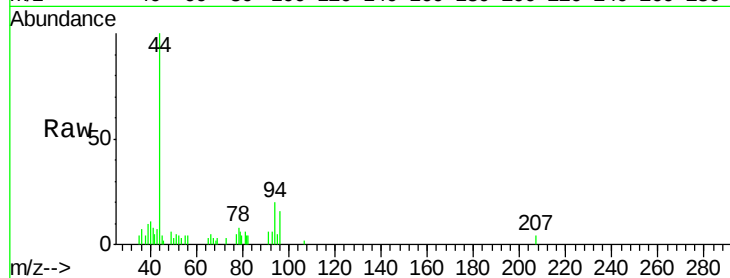
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 909

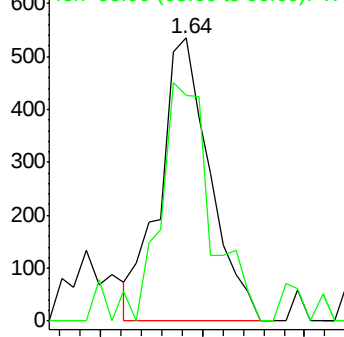
Ion Ratio Lower Upper

94 100

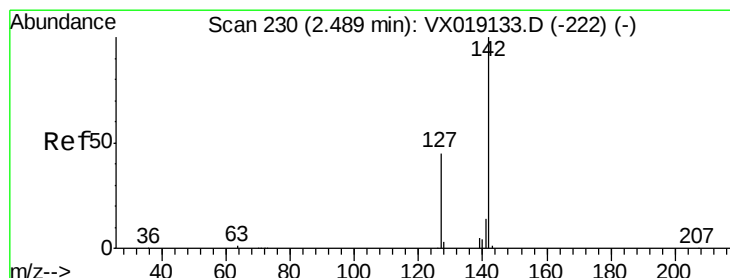
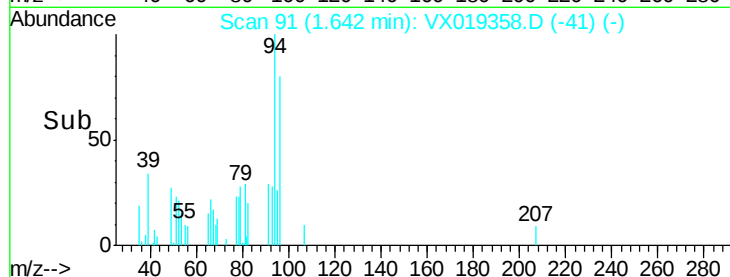
96 79.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 6.747 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

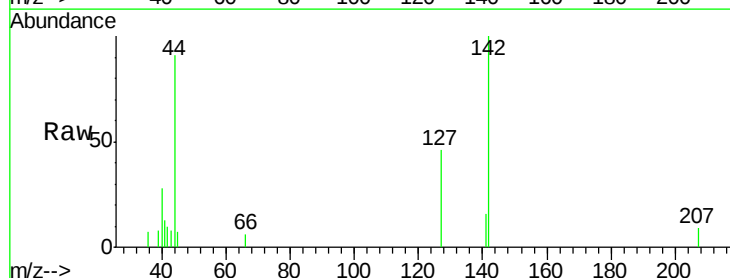
Tgt Ion: 142 Resp: 1581

Ion Ratio Lower Upper

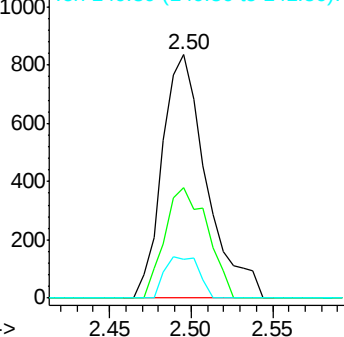
142 100

127 43.9 36.1 54.1

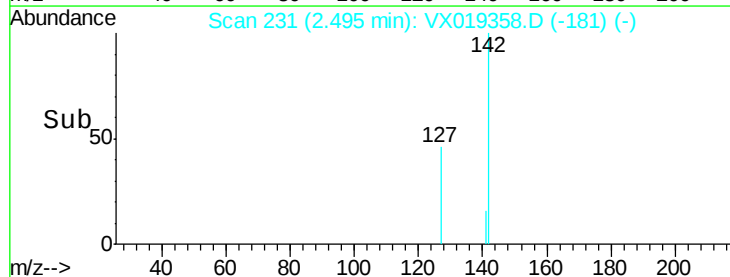
141 13.0 11.3 16.9

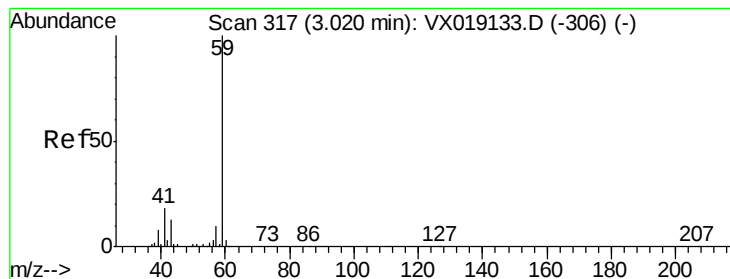


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



Time-->



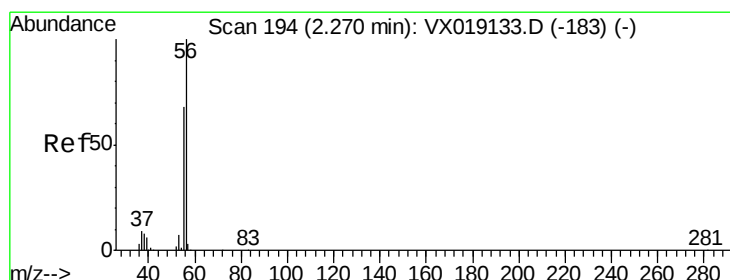
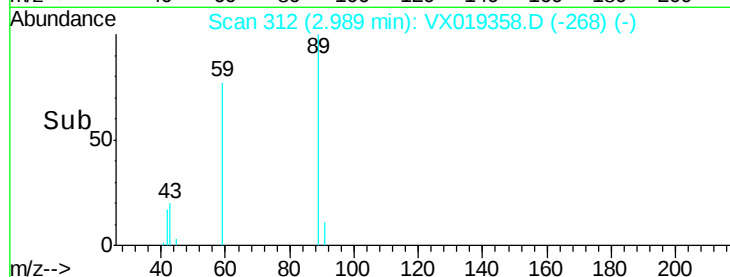
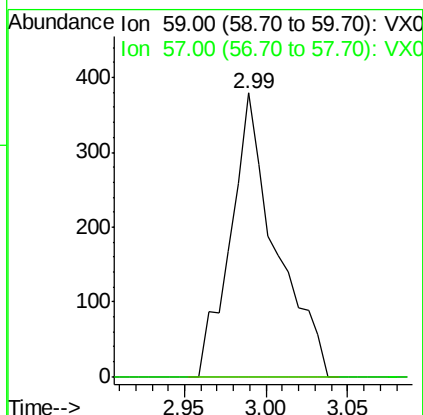
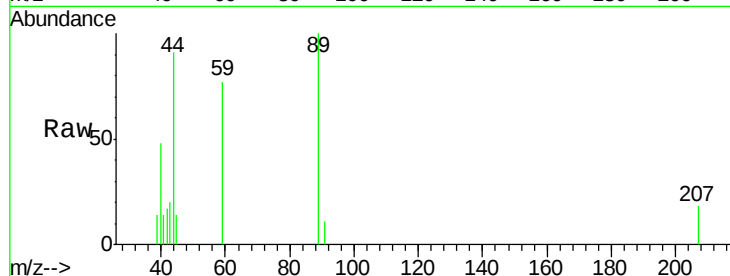


#11

Tert butvl alcohol
Concen: 0.845 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.03 min
Lab File: VX019358.D
Acq: 09 Nov 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :

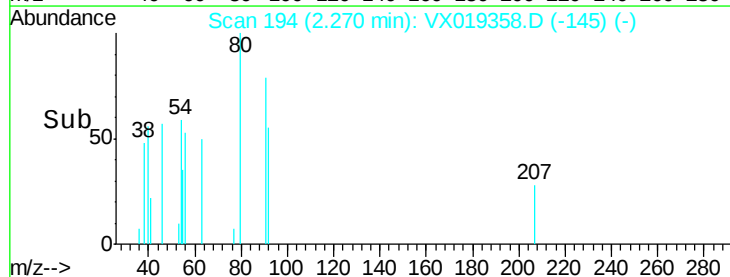
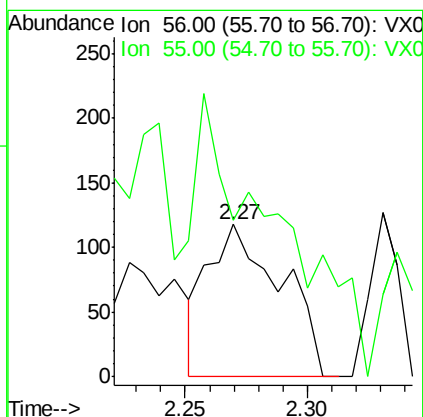
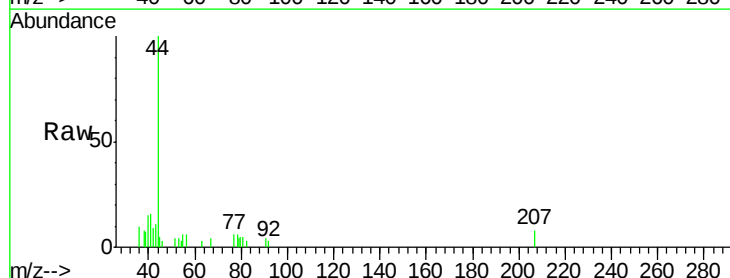
Tot Ion: 59 Resp: 726
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

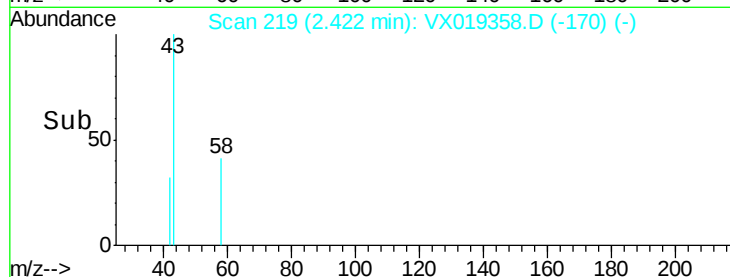
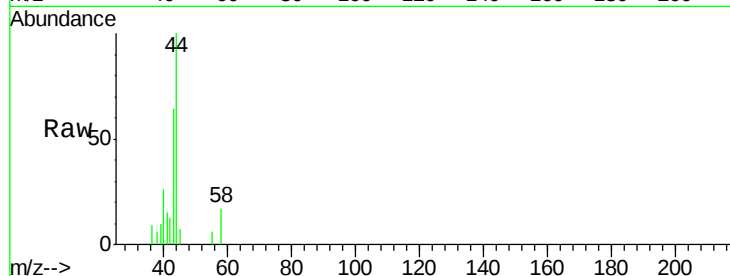
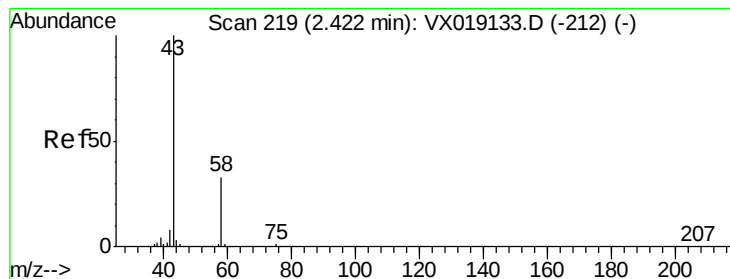


#13

Acrolein
Concen: 6.271 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019358.D
Acq: 09 Nov 2020 11:18

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 211.4 54.7 82.1#





#16

Acetone

Concen: 0.853 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Tot Ion: 43 Resp: 1280

Ion Ratio Lower Upper

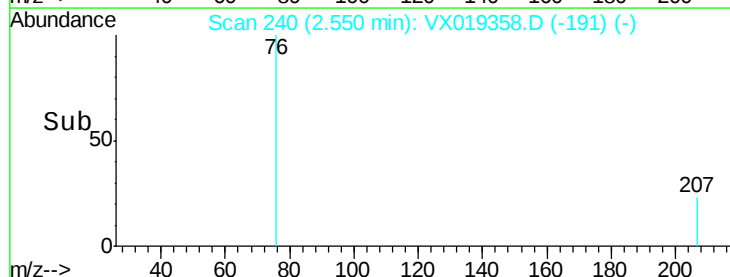
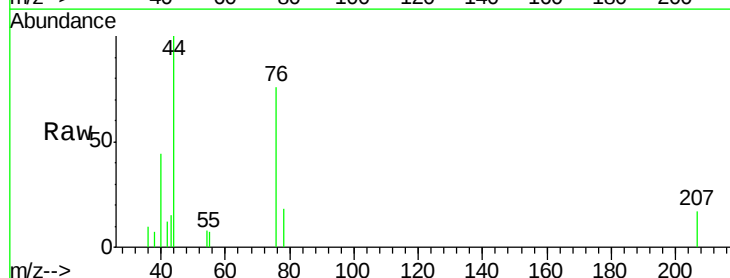
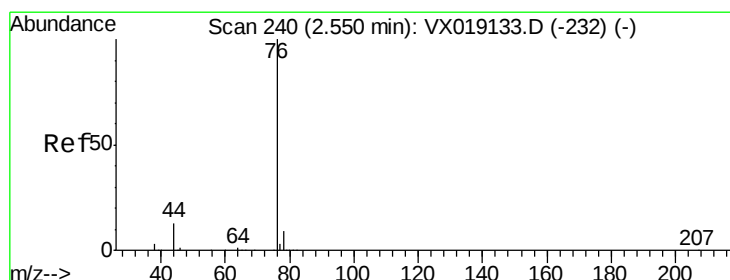
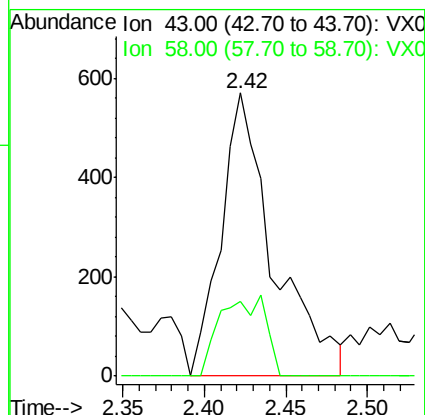
43 100

58 26.6 26.3 39.5

Instrument :

MSVOA_X

ClientSampleId :



#17

Carbon Disulfide

Concen: 0.854 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019358.D

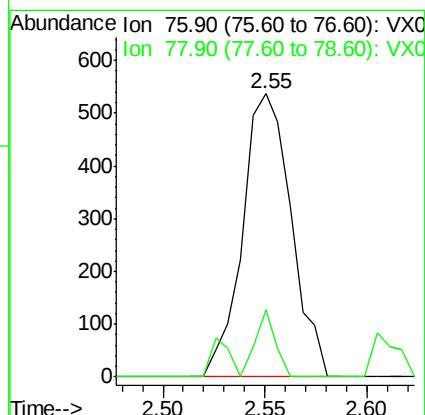
Acq: 09 Nov 2020 11:18

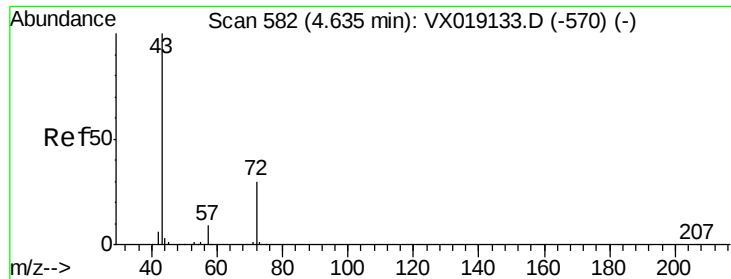
Tgt Ion: 76 Resp: 891

Ion Ratio Lower Upper

76 100

78 23.8 7.3 10.9#





#25

2-Butanone

Concen: 0.211 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

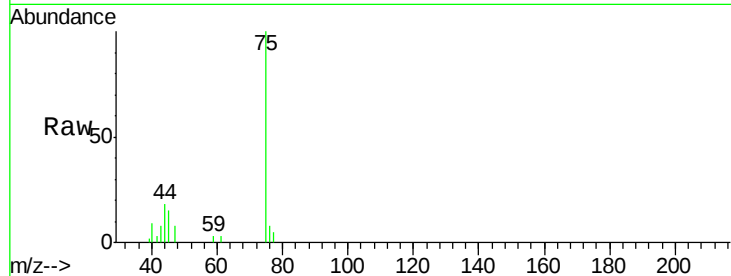
ClientSampled :

Tot Ion: 43 Resp: 498

Ion Ratio Lower Upper

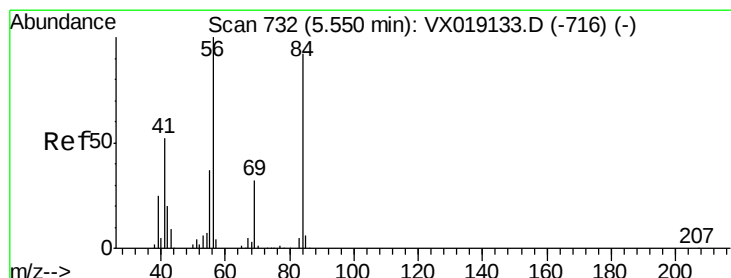
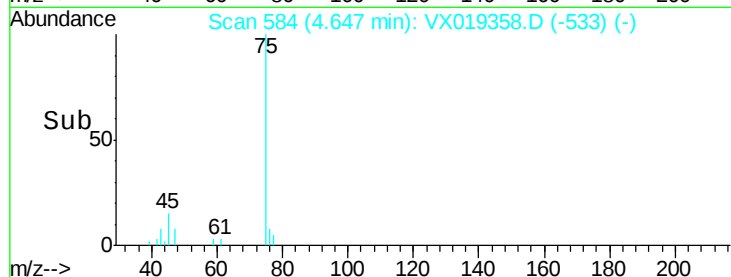
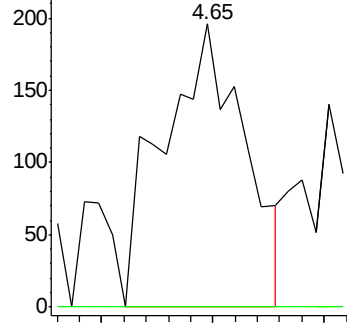
43 100

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: 1.373 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.07 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

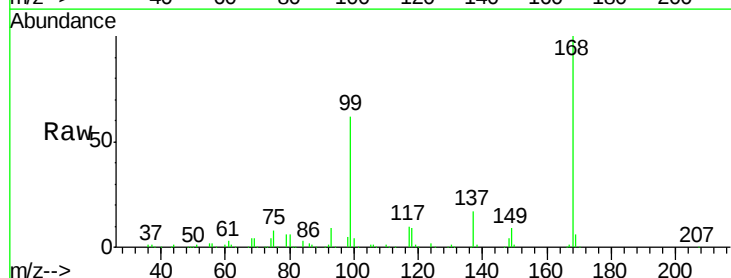
Tgt Ion: 56 Resp: 7547

Ion Ratio Lower Upper

56 100

69 175.7 25.9 38.9#

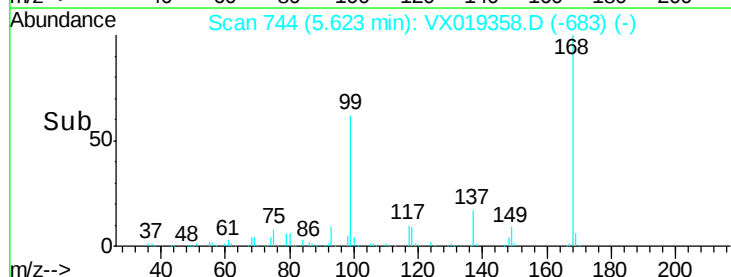
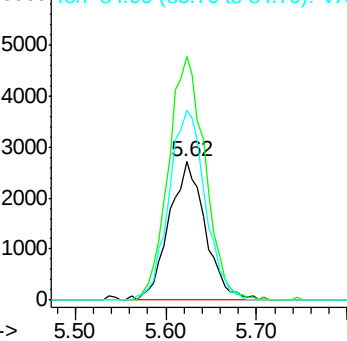
84 137.3 73.4 110.2#

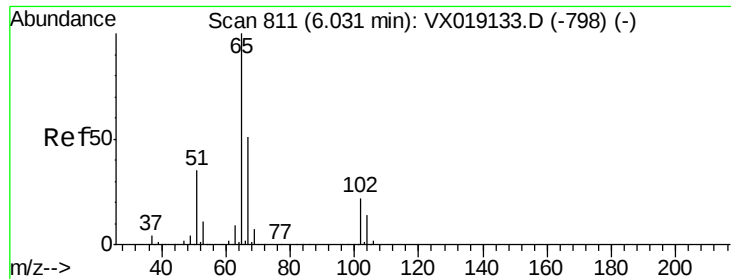


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.367 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

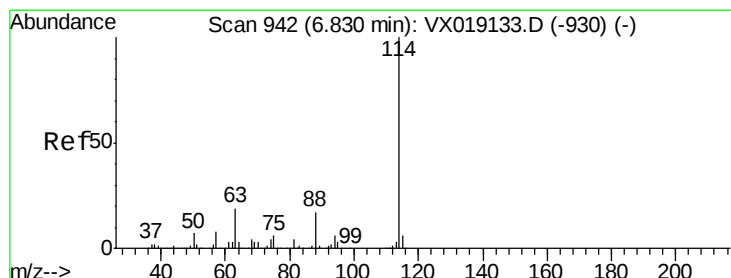
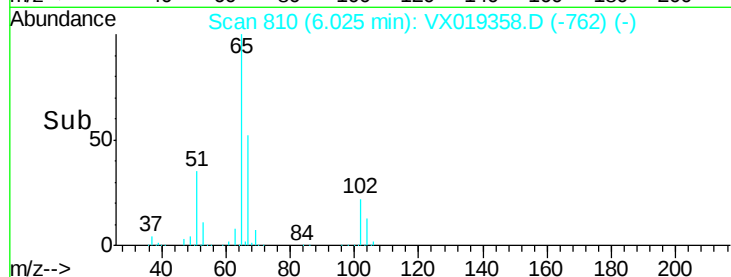
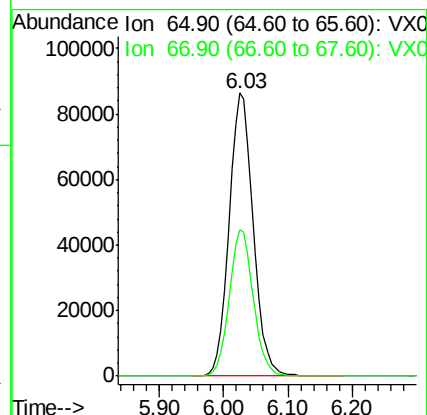
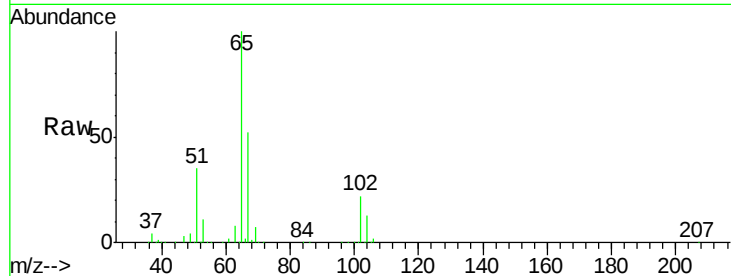
ClientSampleId :

Tot Ion: 65 Resp: 227769

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

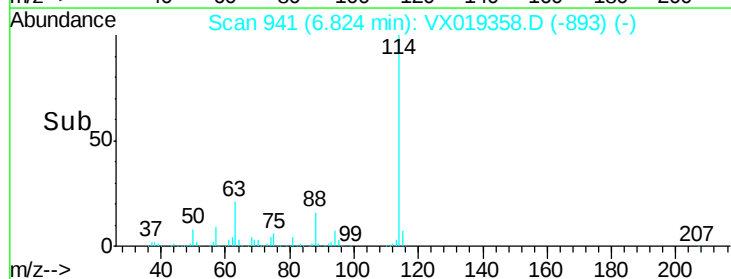
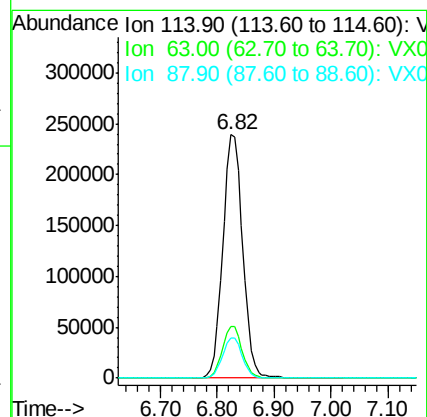
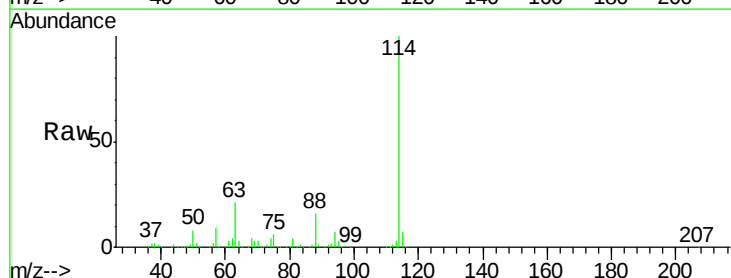
Tgt Ion: 114 Resp: 579997

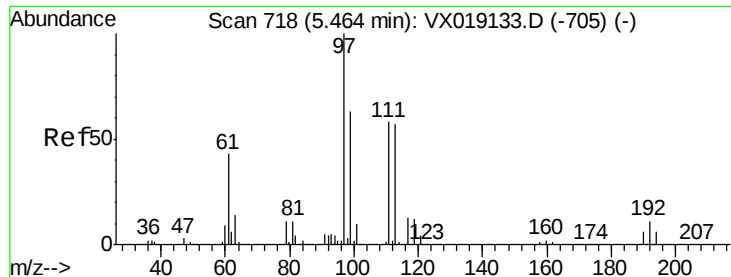
Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.8

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.165 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

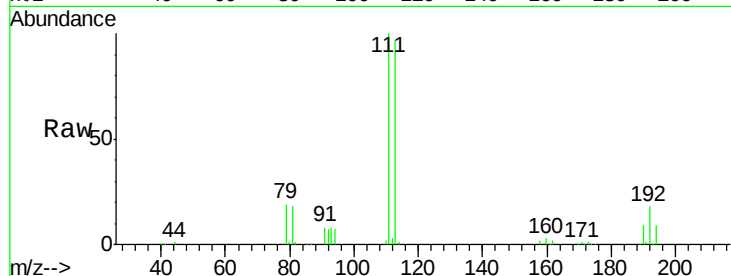
Tot Ion:113 Resp: 182758

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

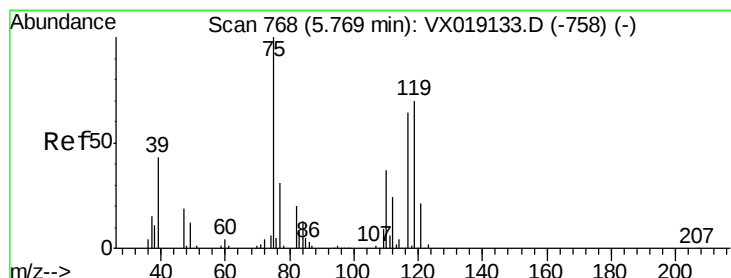
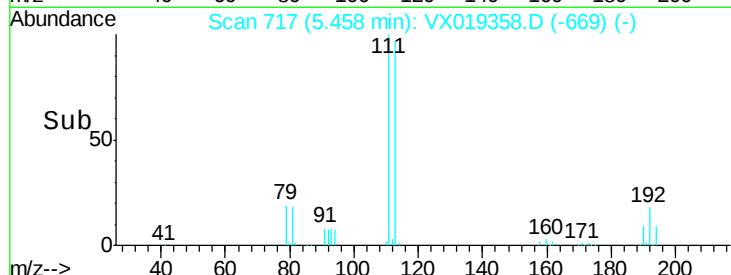
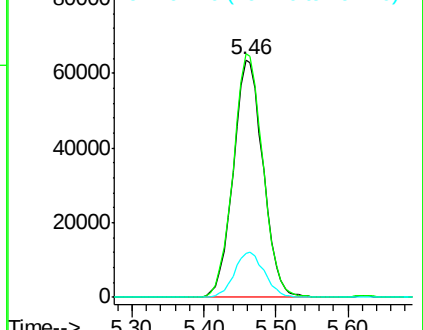
192 19.1 16.2 24.2



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: 5.263 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.15 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

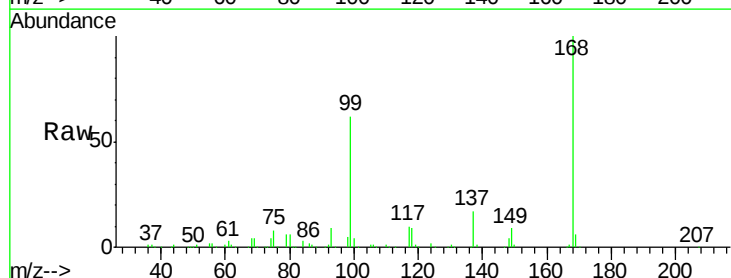
Tgt Ion: 75 Resp: 28190

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.9#

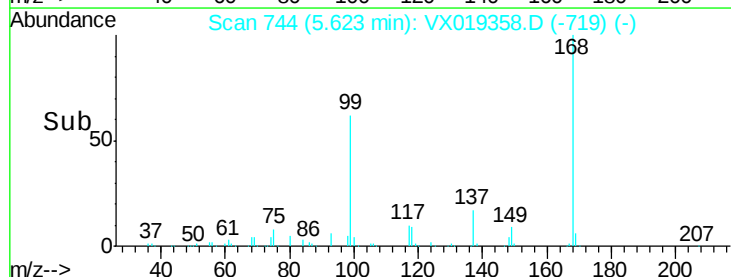
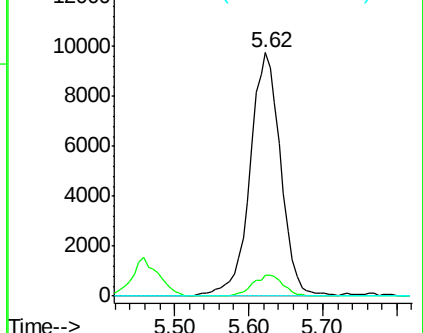
77 0.0 24.9 37.3#

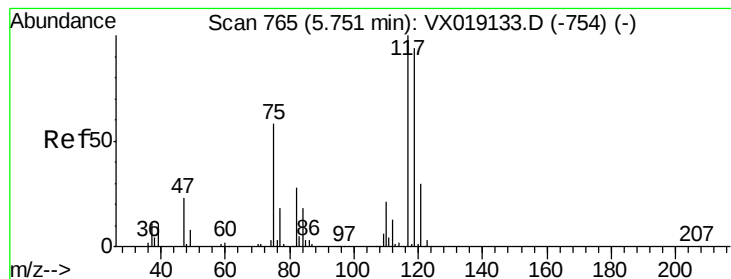


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.360 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

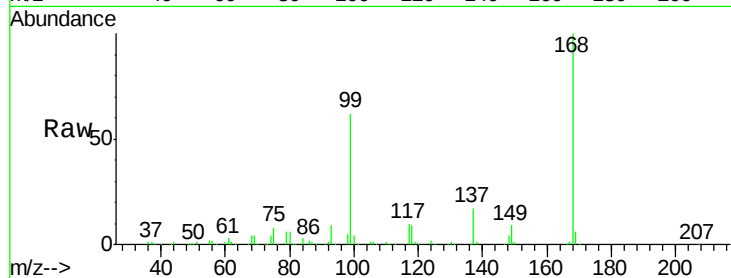
Tot Ion:117 Resp: 34722

Ion Ratio Lower Upper

117 100

119 5.0 75.0 112.6#

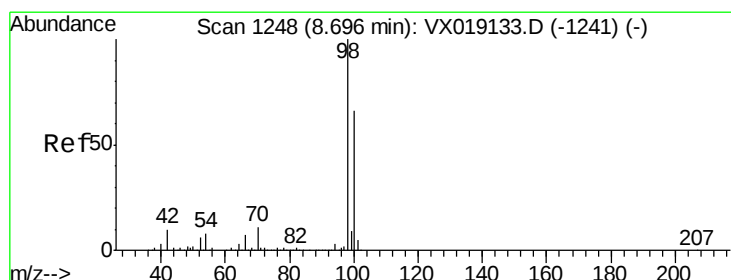
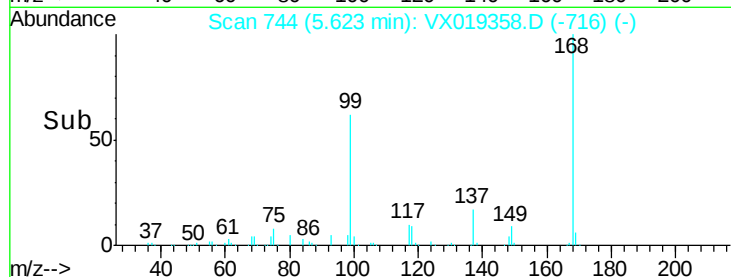
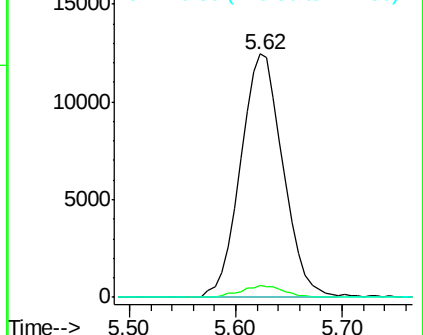
121 0.0 23.9 35.9#



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: 52.021 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019358.D

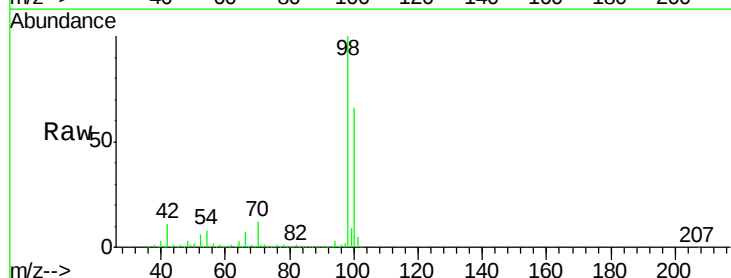
Acq: 09 Nov 2020 11:18

Tgt Ion: 98 Resp: 714424

Ion Ratio Lower Upper

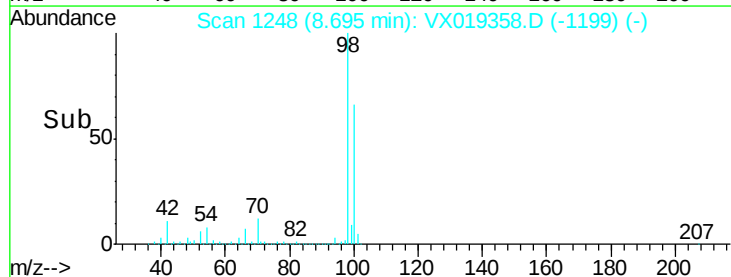
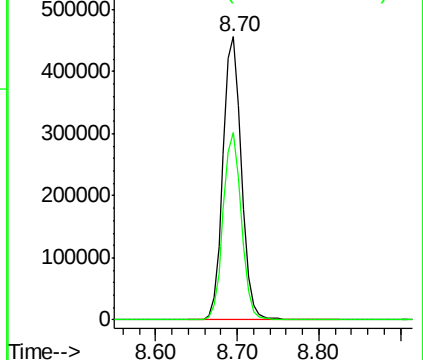
98 100

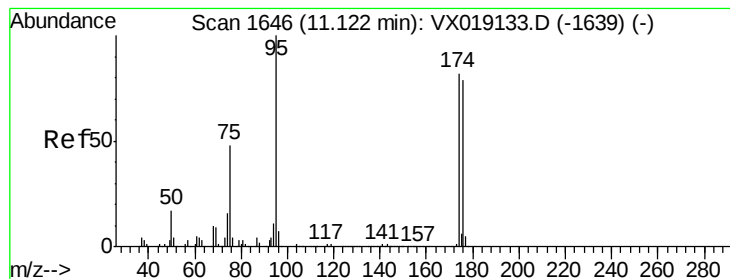
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.262 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

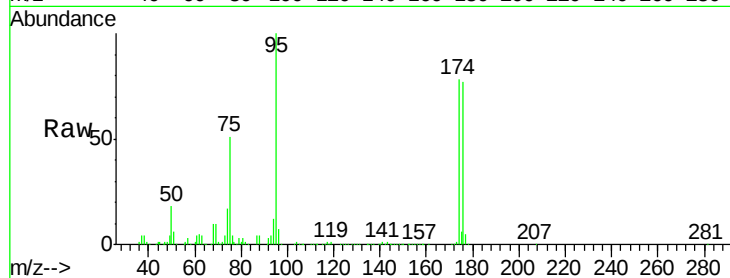
Tot Ion: 95 Resp: 271810

Ion Ratio Lower Upper

95 100

174 74.7 0.0 156.0

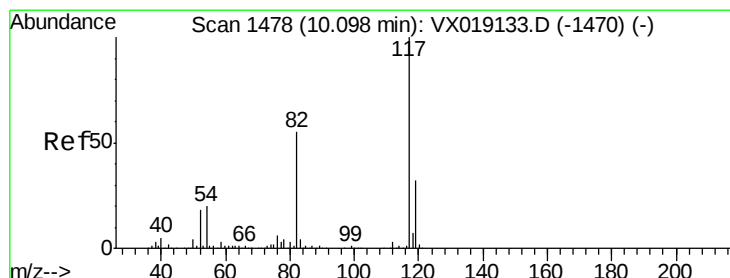
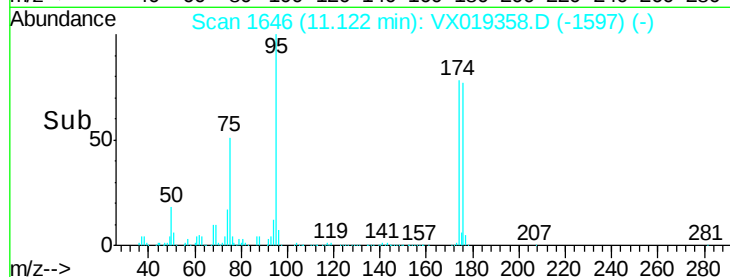
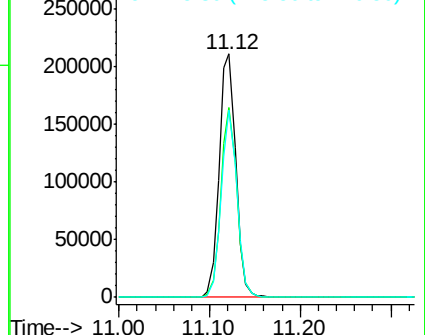
176 72.8 0.0 149.8



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: VX019358.D

Acq: 09 Nov 2020 11:18

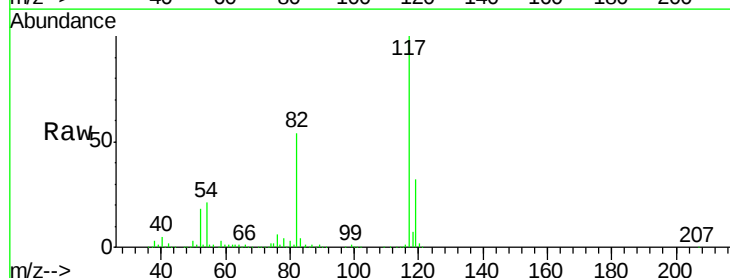
Tgt Ion: 117 Resp: 538837

Ion Ratio Lower Upper

117 100

82 54.2 43.6 65.4

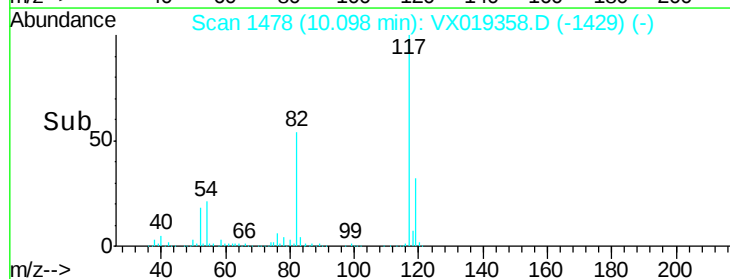
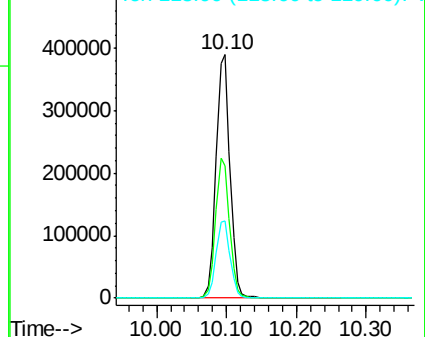
119 31.9 25.5 38.3

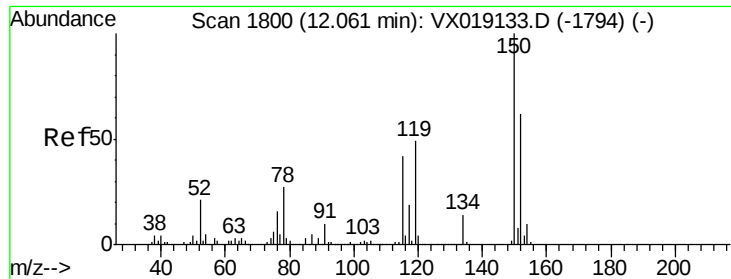


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

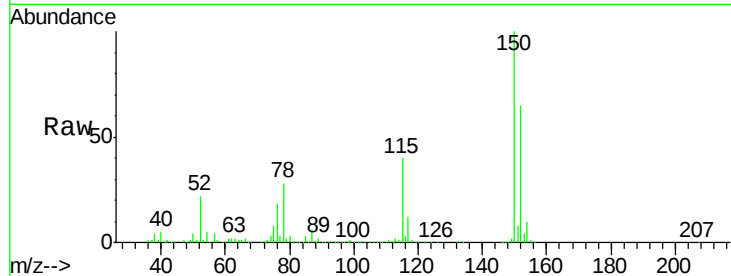
Tot Ion:152 Resp: 266454

Ion Ratio Lower Upper

152 100

115 61.2 41.9 125.7

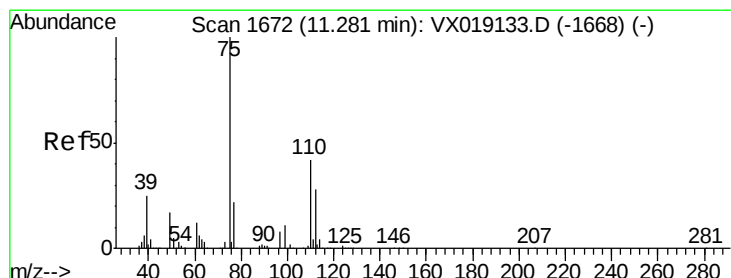
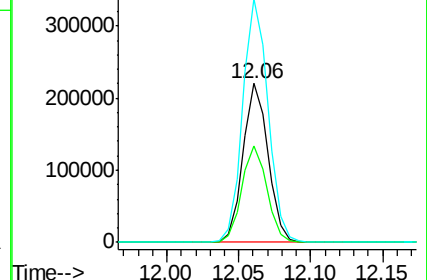
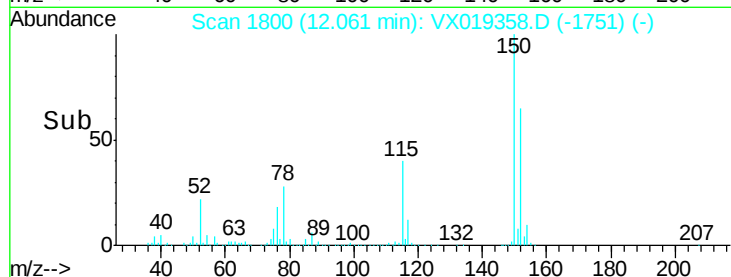
150 155.5 0.0 347.8



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: 25.154 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019358.D

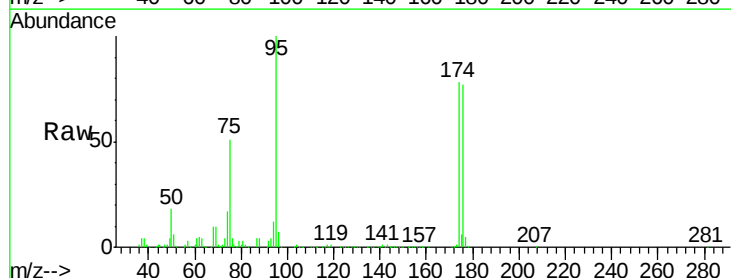
Acq: 09 Nov 2020 11:18

Tgt Ion: 75 Resp: 138388

Ion Ratio Lower Upper

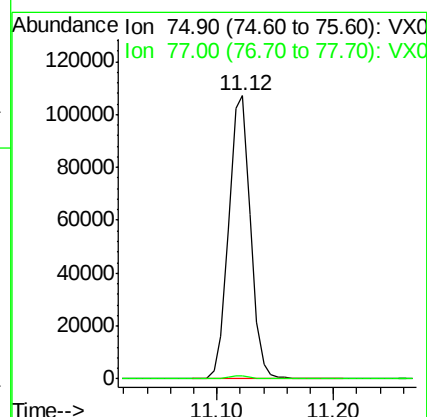
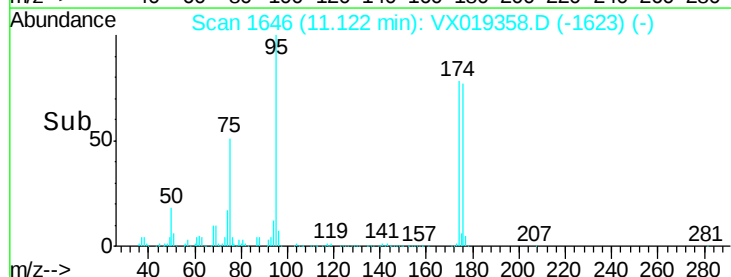
75 100

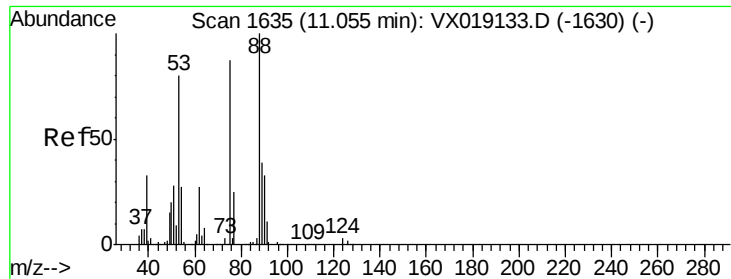
77 1.1 20.3 60.9#



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: 66.229 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019358.D

Acq: 09 Nov 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 138388

Ion Ratio Lower Upper

75 100

53 0.0 73.3 109.9#

89 0.0 38.2 57.2#

