

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012269.D
 Acq On : 10 Sep 2019 22:28
 Operator : SY/SP
 Sample : VX0910SBL02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBL02

Quant Time: Sep 11 02:27:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	164183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122642	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	113929	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	5.48	113	88422	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	348884	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	11.14	95	141484	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	

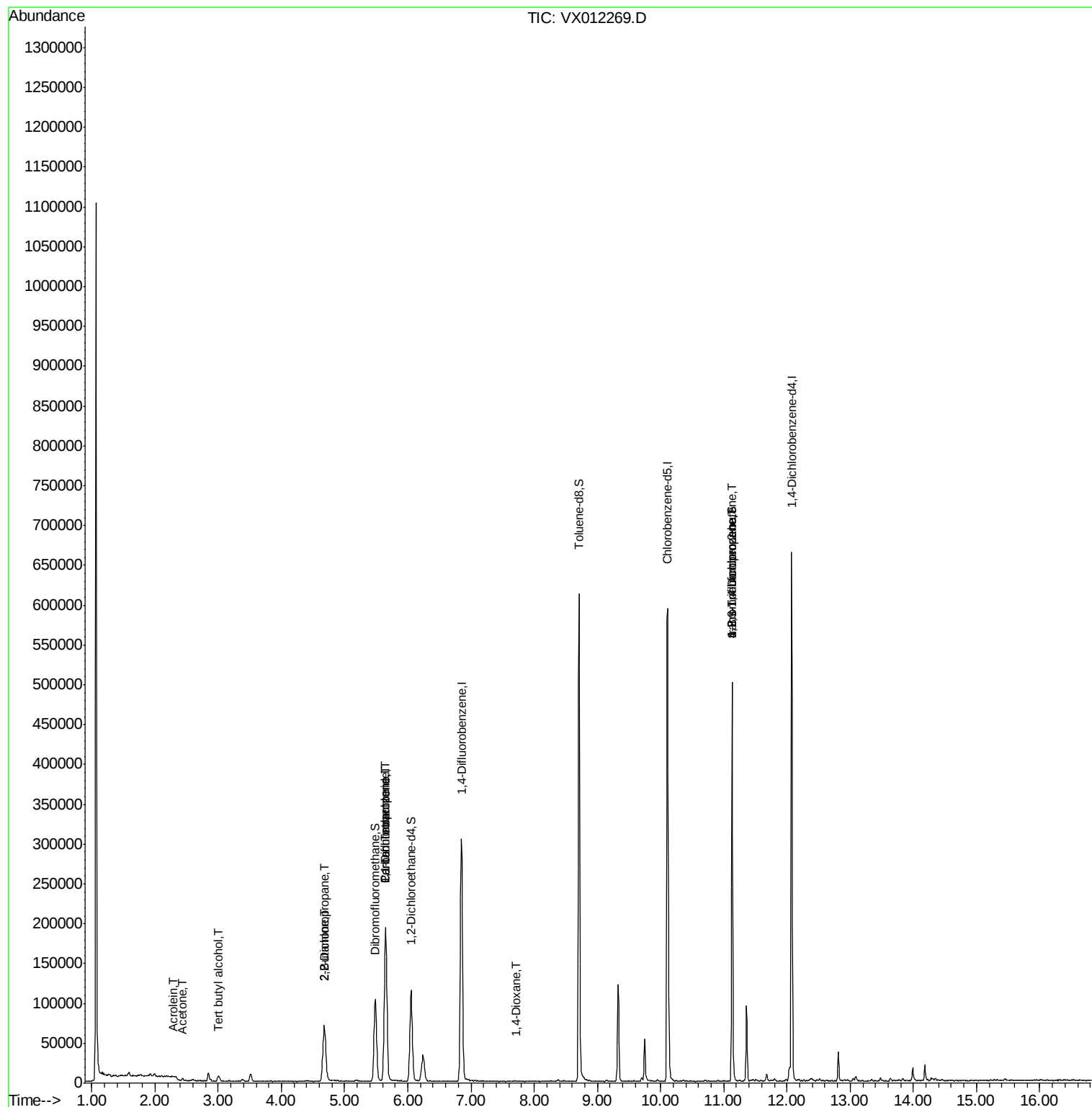
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	172	Below Cal	#	3
11) Tert butyl alcohol	3.01	59	4730	10.332	ug/l #	81
13) Acrolein	2.28	56	147	1.211	ug/l #	12
16) Acetone	2.43	43	2528	4.601	ug/l	97
20) Methylene Chloride	2.84	84	4325	Below Cal		93
25) 2-Butanone	4.67	43	5306	7.553	ug/l #	68
26) 2,2-Dichloropropane	4.68	77	5848	2.007	ug/l #	55
36) 1,1-Dichloropropene	5.65	75	16004	7.488	ug/l #	53
38) Carbon Tetrachloride	5.65	117	20150	8.036	ug/l #	14
49) 1,4-Dioxane	7.72	88	24	1.334	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	74585	47.340	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	74585	141.841	ug/l #	5

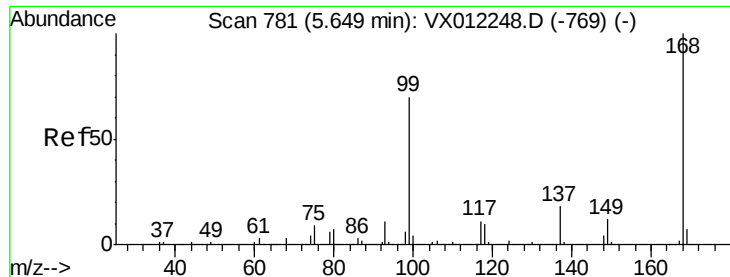
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012269.D
Acq On : 10 Sep 2019 22:28
Operator : SY/SP
Sample : VX0910SBL02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBL02

Quant Time: Sep 11 02:27:26 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

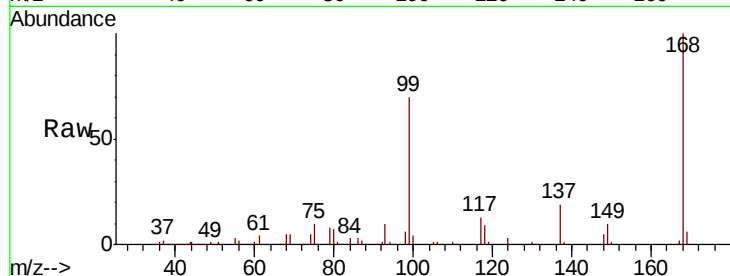
VX0910SBL02

Tgt Ion: 168 Resp: 164183

Ion Ratio Lower Upper

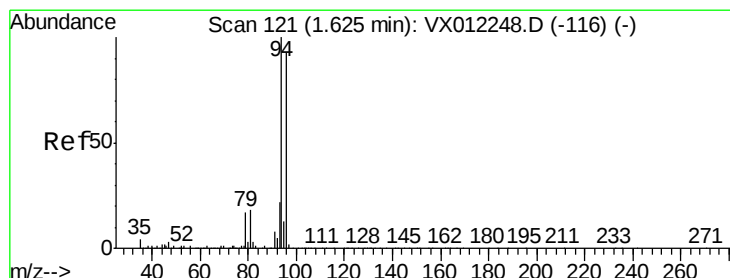
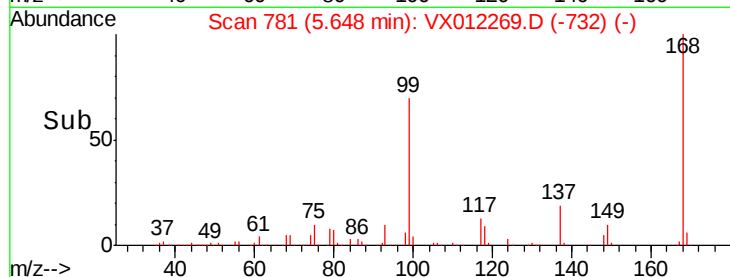
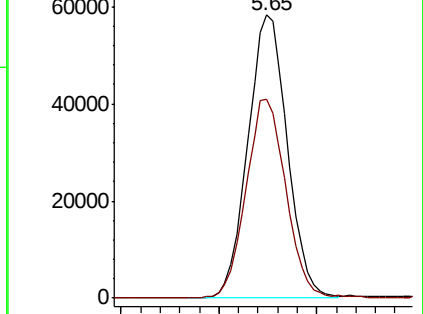
168 100

99 70.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 118

Delta R.T. -0.02 min

Lab File: VX012269.D

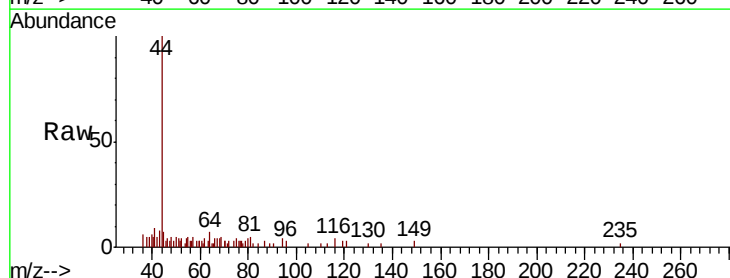
Acq: 10 Sep 2019 22:28

Tgt Ion: 94 Resp: 172

Ion Ratio Lower Upper

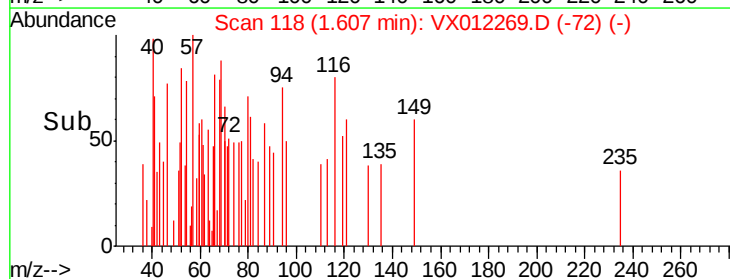
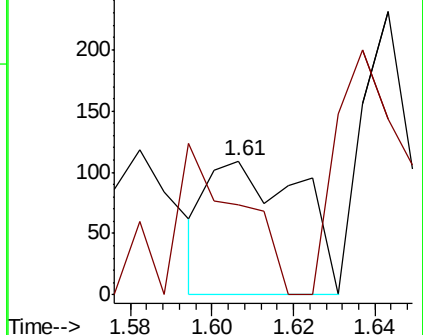
94 100

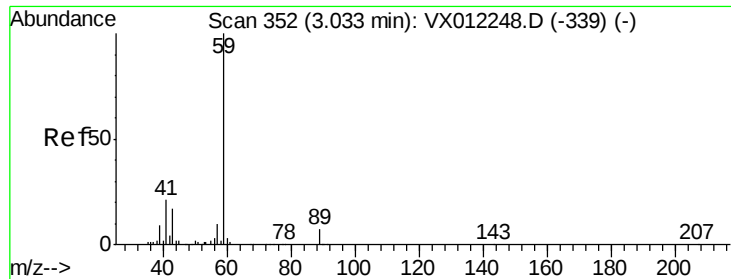
96 0.0 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

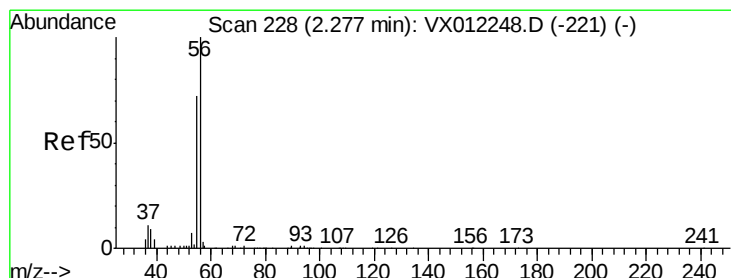
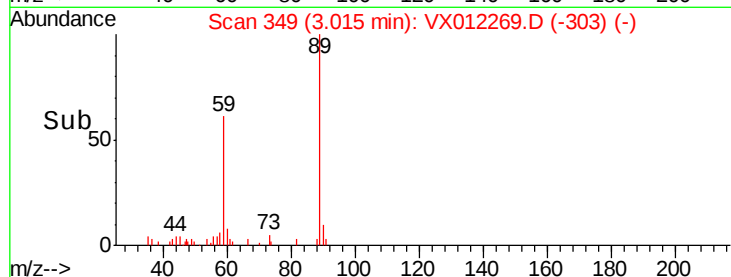
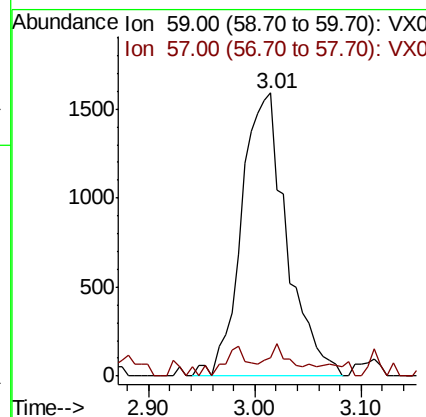
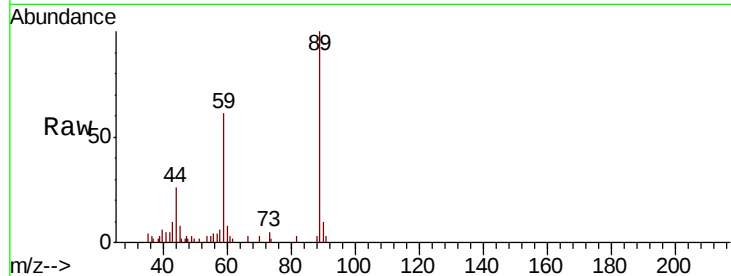




#11
Tert butyl alcohol
Concen: 10.332 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX012269.D
Acq: 10 Sep 2019 22:28

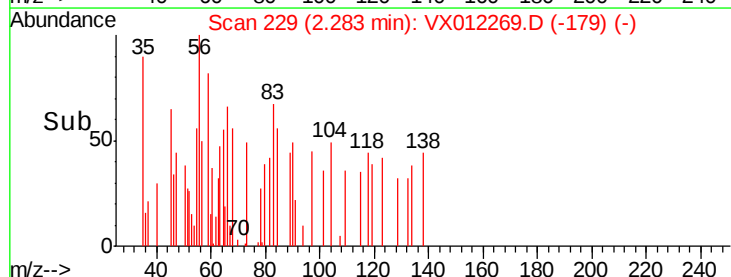
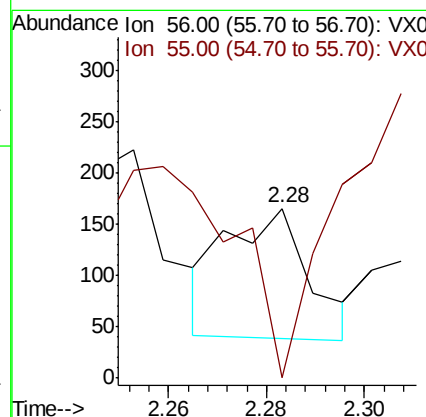
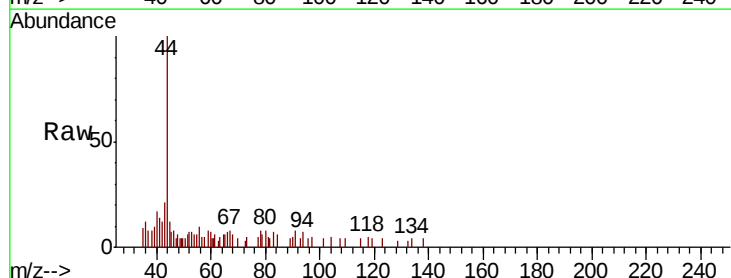
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBL02

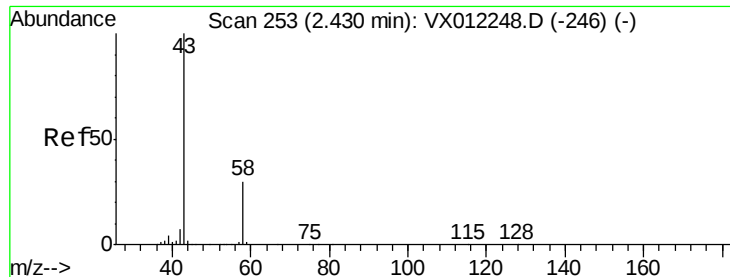
Tgt Ion: 59 Resp: 4730
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.6#



#13
Acrolein
Concen: 1.211 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.01 min
Lab File: VX012269.D
Acq: 10 Sep 2019 22:28

Tgt Ion: 56 Resp: 147
Ion Ratio Lower Upper
56 100
55 0.0 59.8 89.6#





#16

Acetone

Concen: 4.601 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

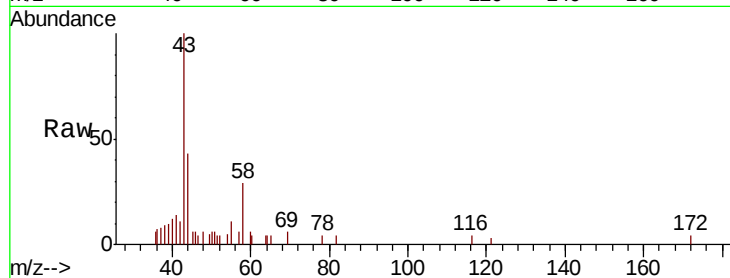
VX0910SBL02

Tgt Ion: 43 Resp: 2528

Ion Ratio Lower Upper

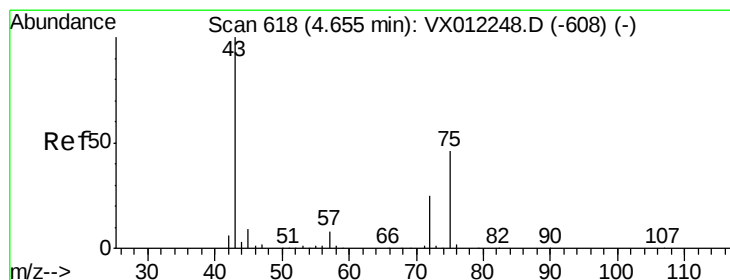
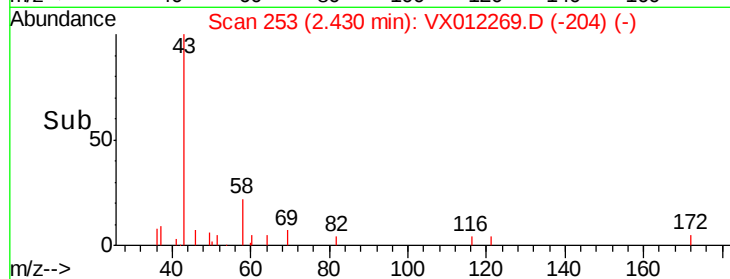
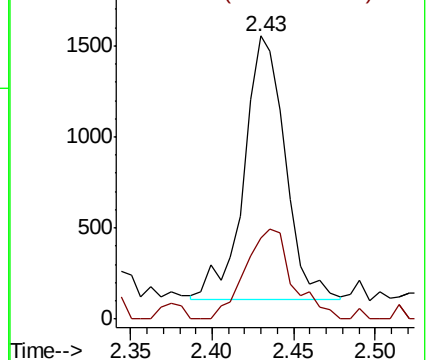
43 100

58 31.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#25

2-Butanone

Concen: 7.553 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX012269.D

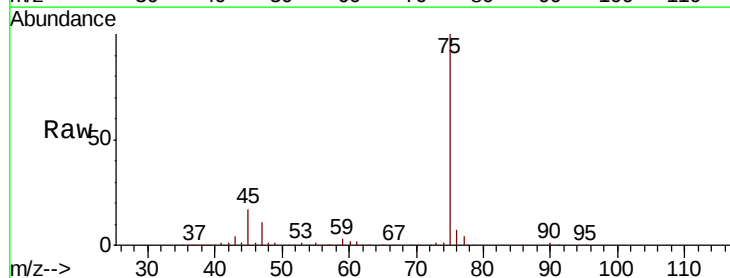
Acq: 10 Sep 2019 22:28

Tgt Ion: 43 Resp: 5306

Ion Ratio Lower Upper

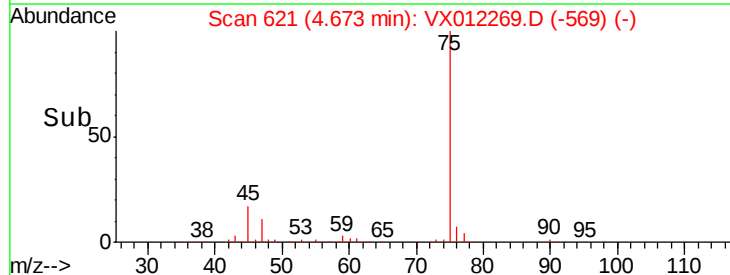
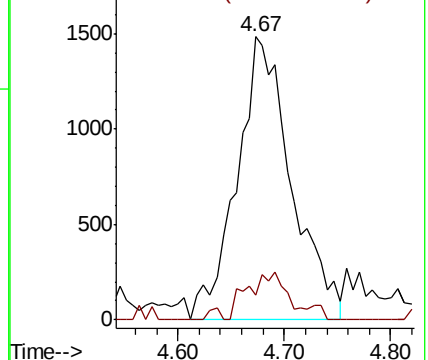
43 100

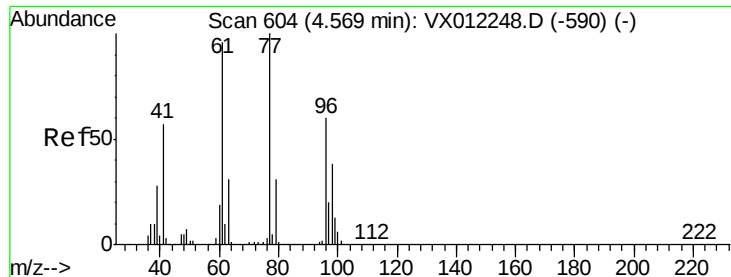
72 9.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 2.007 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.11 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

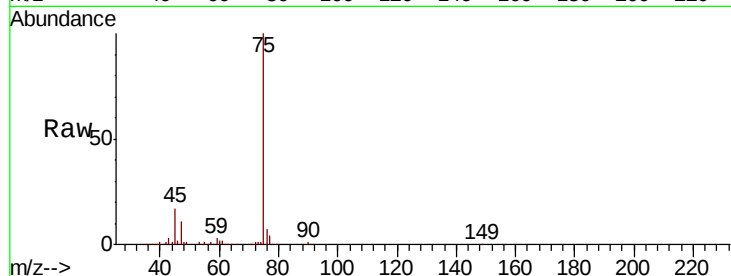
VX0910SBL02

Tgt Ion: 77 Resp: 5848

Ion Ratio Lower Upper

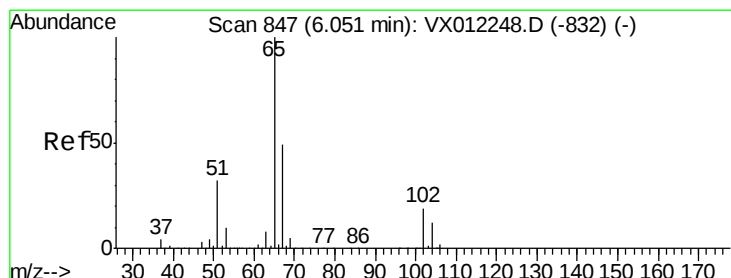
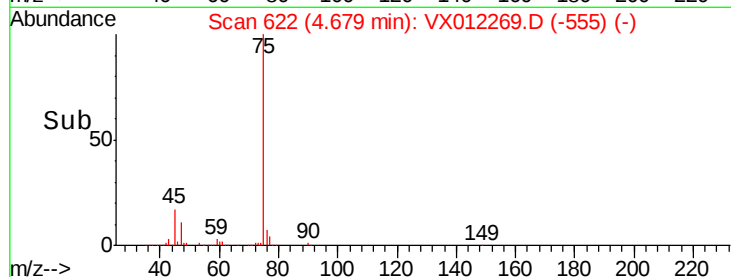
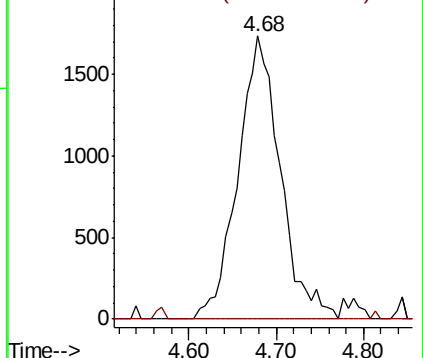
77 100

97 0.0 10.7 32.1#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.081 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012269.D

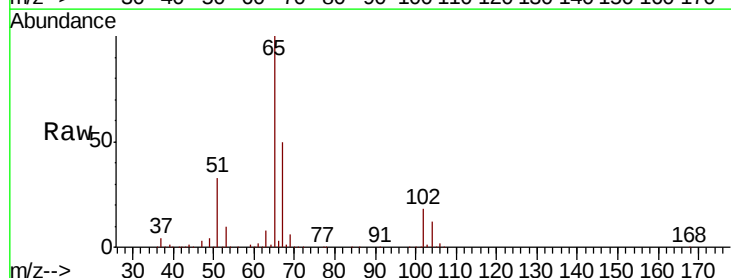
Acq: 10 Sep 2019 22:28

Tgt Ion: 65 Resp: 113929

Ion Ratio Lower Upper

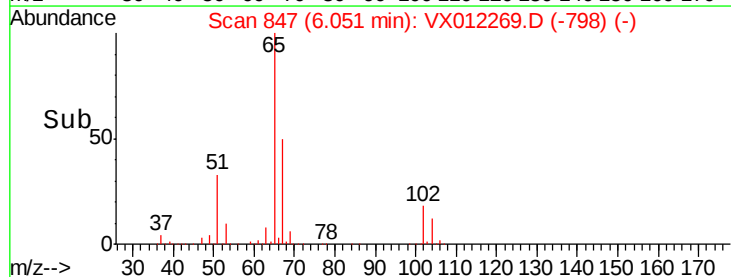
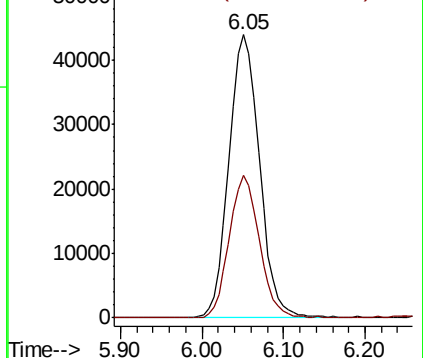
65 100

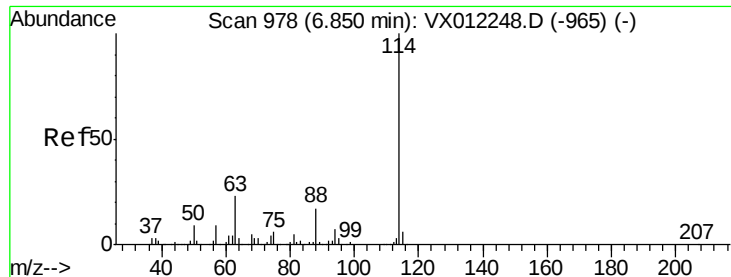
67 49.6 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL02

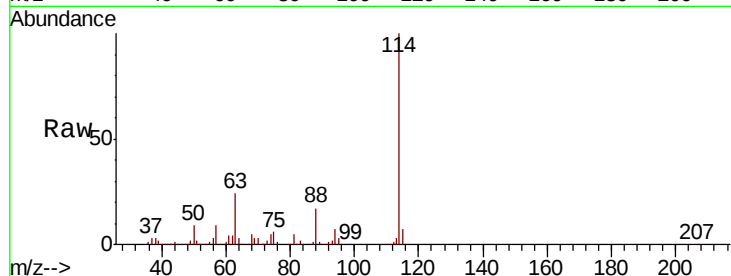
Tgt Ion:114 Resp: 293114

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.2

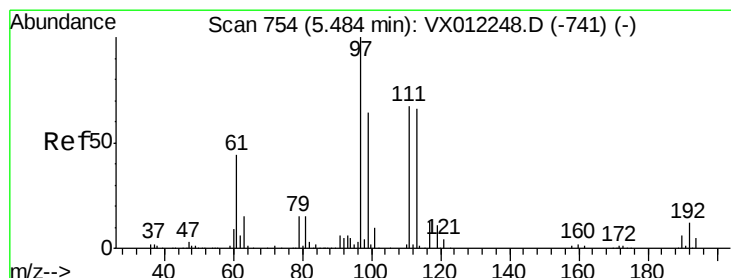
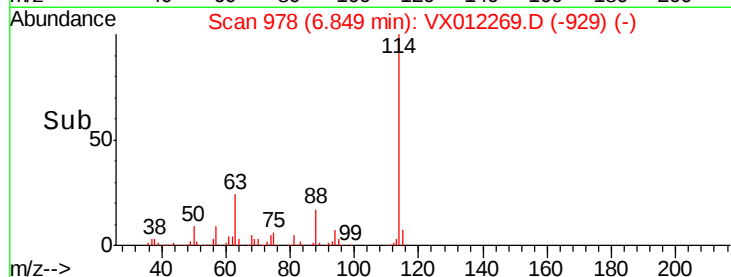
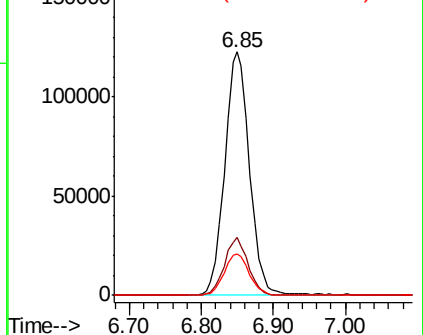
88 17.1 0.0 34.8



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: 47.058 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

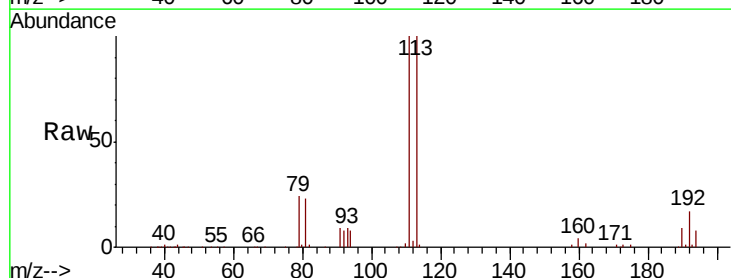
Tgt Ion:113 Resp: 88422

Ion Ratio Lower Upper

113 100

111 100.0 83.0 124.6

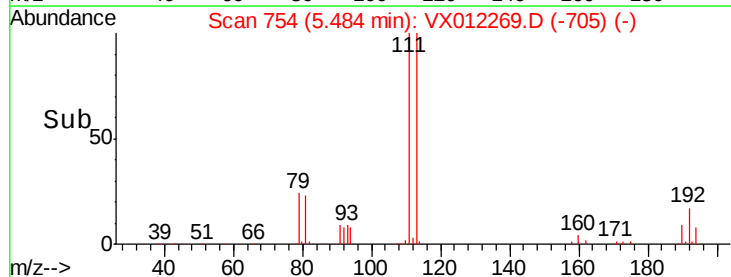
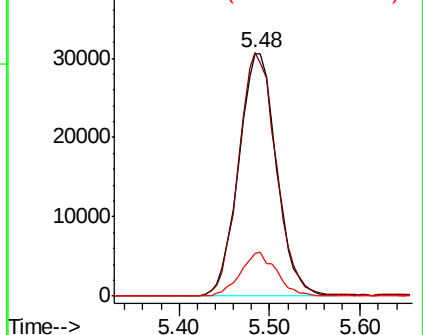
192 17.3 14.3 21.5

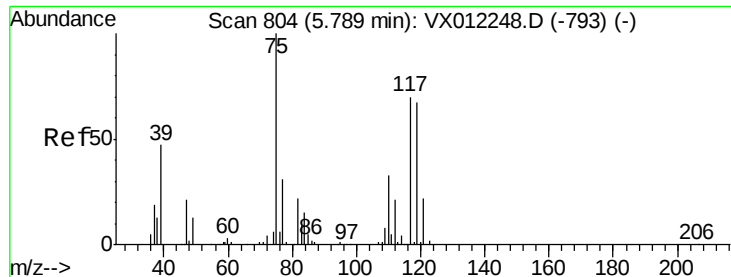


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 7.488 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL02

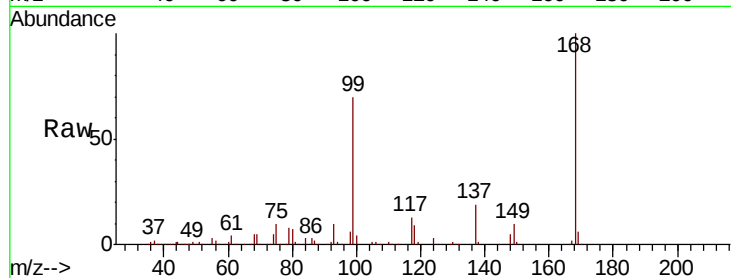
Tgt Ion: 75 Resp: 16004

Ion Ratio Lower Upper

75 100

110 11.4 16.8 50.4#

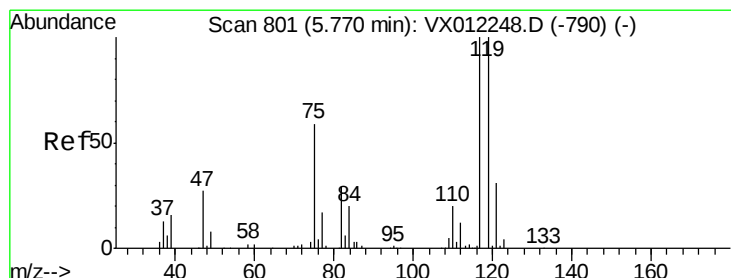
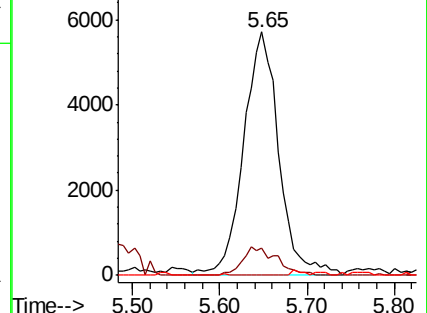
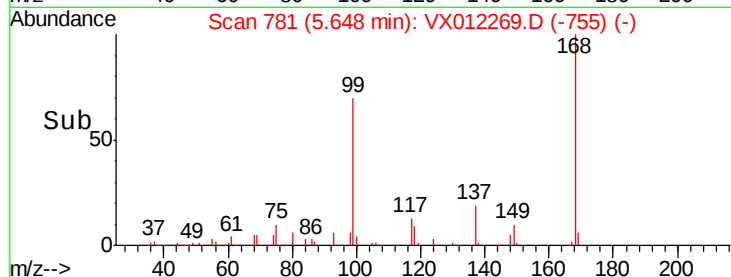
77 0.0 24.5 36.7#



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: 8.036 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

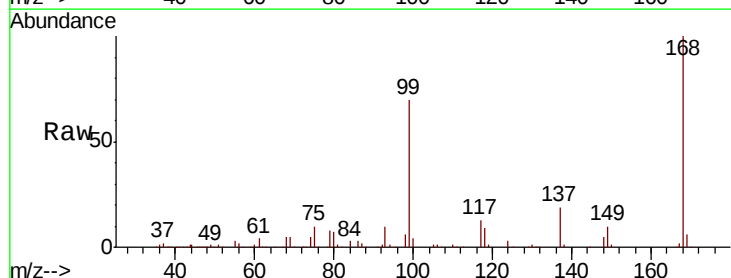
Tgt Ion: 117 Resp: 20150

Ion Ratio Lower Upper

117 100

119 4.9 79.6 119.4#

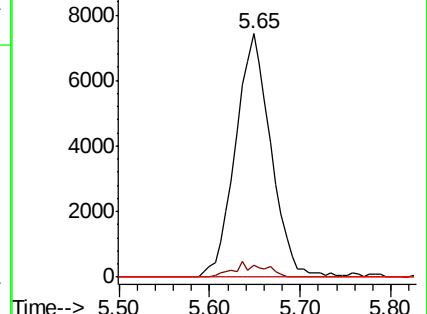
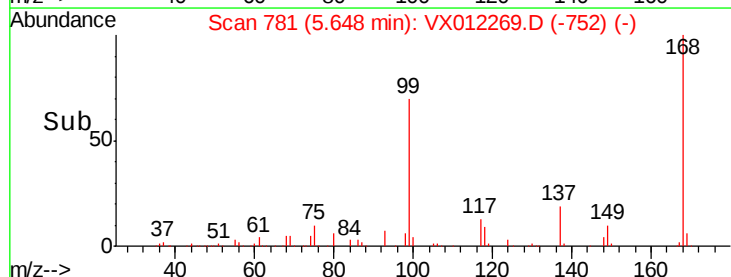
121 0.0 24.7 37.1#

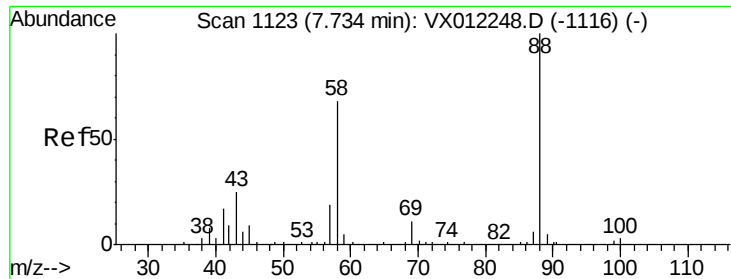


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

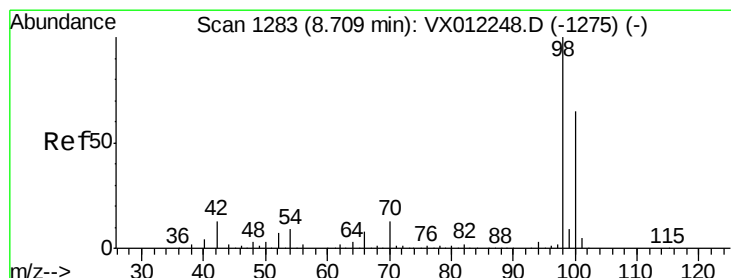
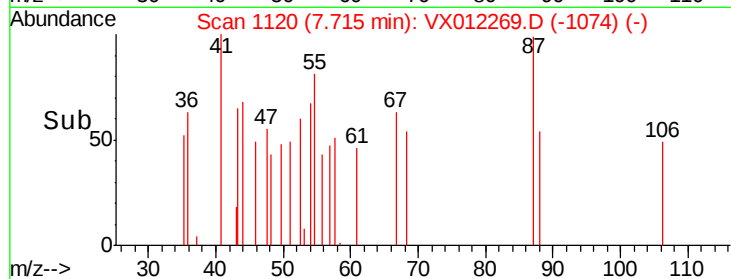
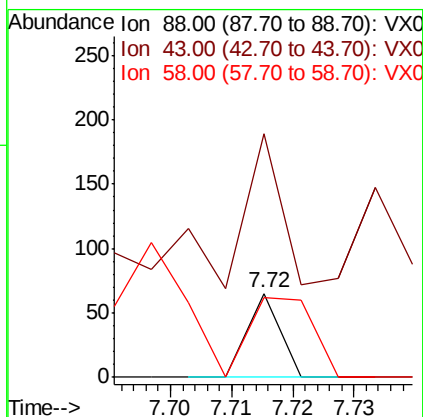
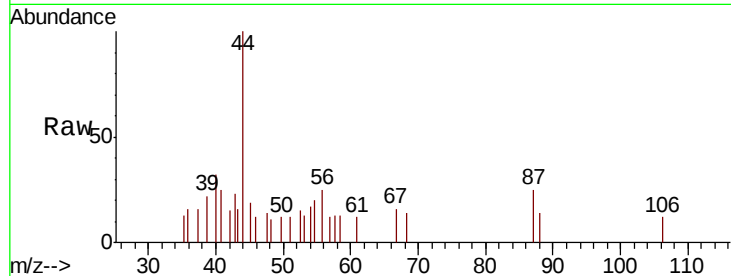




#49
1,4-Dioxane
Concen: 1.334 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VX012269.D
Acq: 10 Sep 2019 22:28

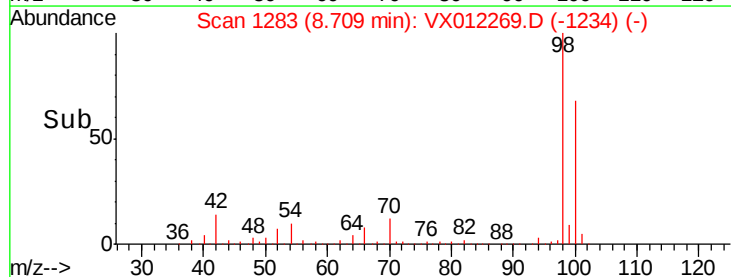
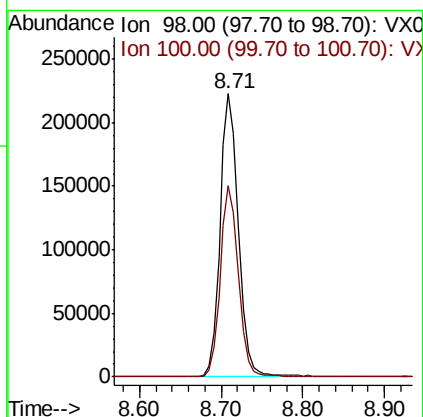
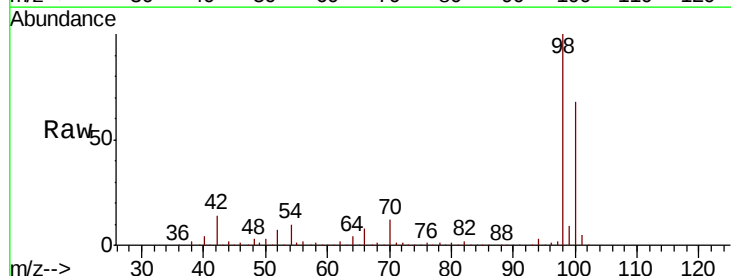
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBL02

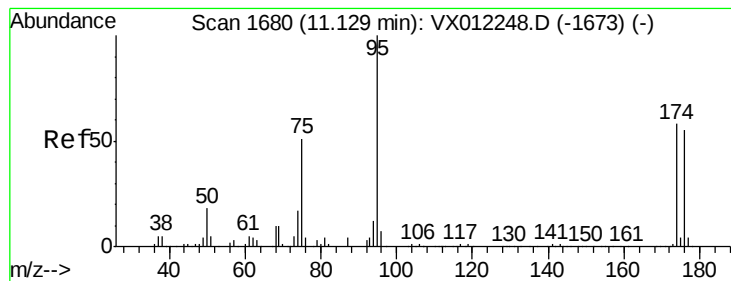
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 458.3 31.0 46.4#
58 187.5 61.5 92.3#



#50
Toluene-d8
Concen: 52.939 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012269.D
Acq: 10 Sep 2019 22:28

Tgt Ion: 98 Resp: 348884
Ion Ratio Lower Upper
98 100
100 67.1 54.1 81.1





#62

4-Bromofluorobenzene

Concen: 46.308 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL02

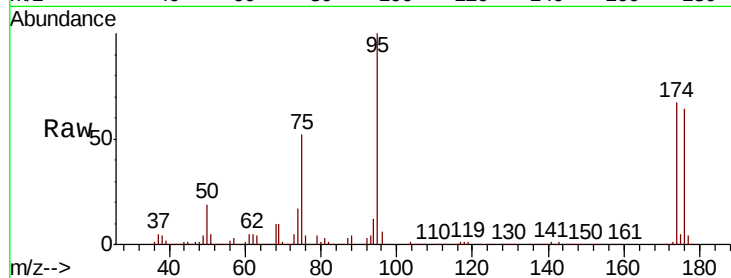
Tgt Ion: 95 Resp: 141484

Ion Ratio Lower Upper

95 100

174 65.2 0.0 127.0

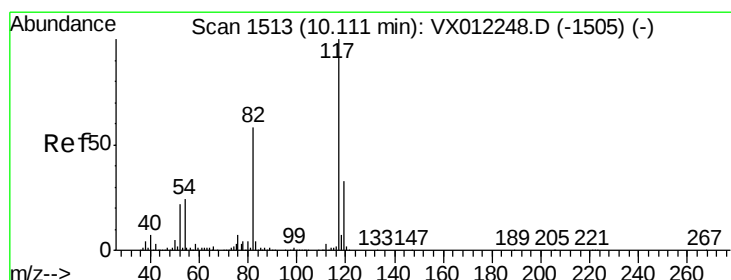
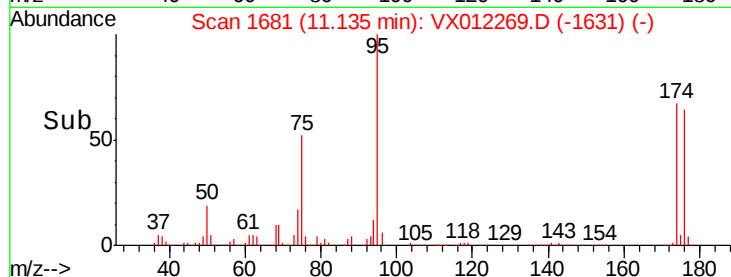
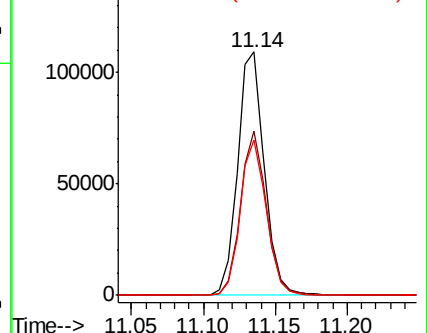
176 62.3 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012248.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX012248.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX012248.D (-1673) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

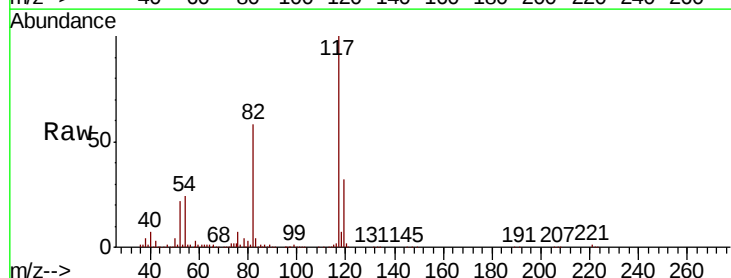
Tgt Ion: 117 Resp: 264085

Ion Ratio Lower Upper

117 100

82 57.6 46.4 69.6

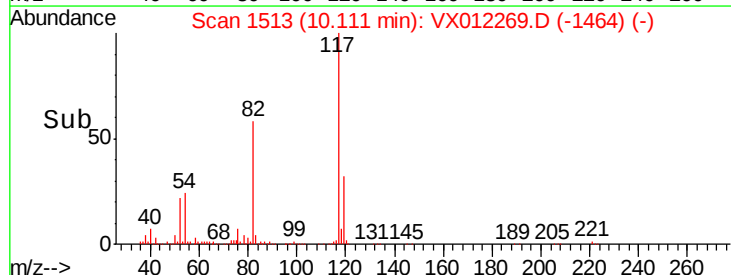
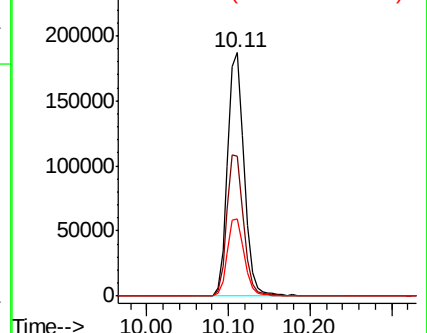
119 31.9 26.6 39.8

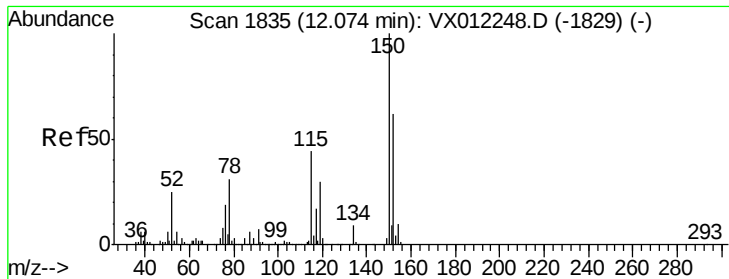


Abundance Ion 116.90 (116.60 to 117.60): VX012248.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012248.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012248.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL02

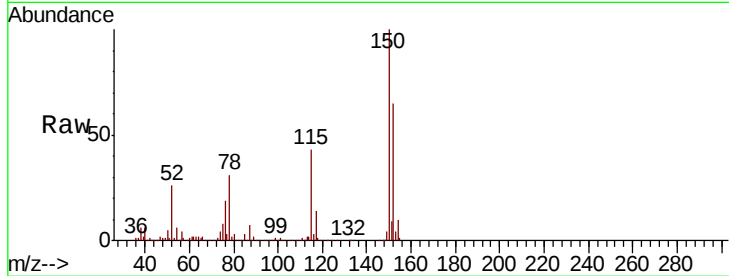
Tgt Ion:152 Resp: 122642

Ion Ratio Lower Upper

152 100

115 66.6 45.5 136.4

150 155.5 0.0 346.4

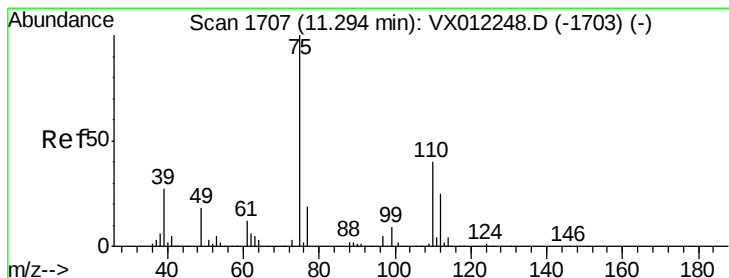
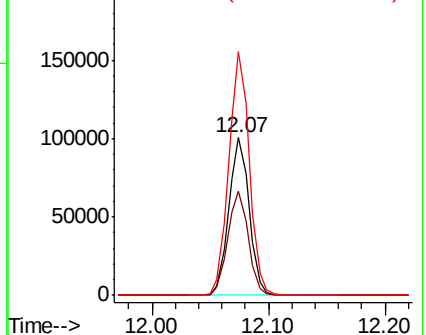
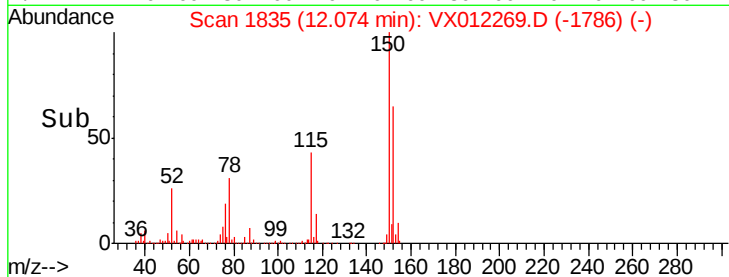


Abundance

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: 47.340 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012269.D

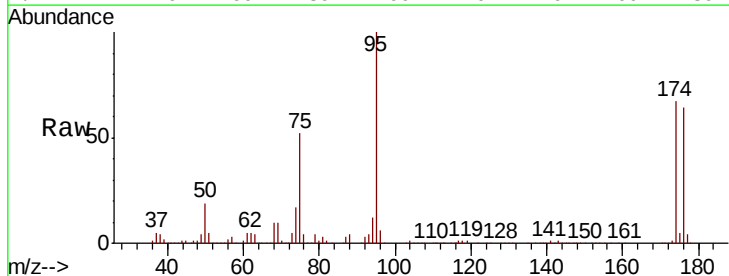
Acq: 10 Sep 2019 22:28

Tgt Ion: 75 Resp: 74585

Ion Ratio Lower Upper

75 100

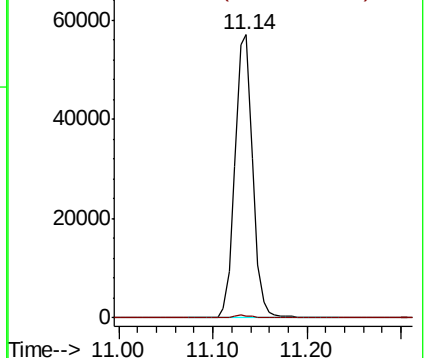
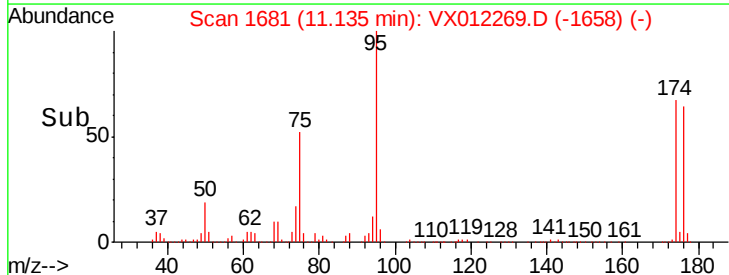
77 1.2 19.7 59.0#

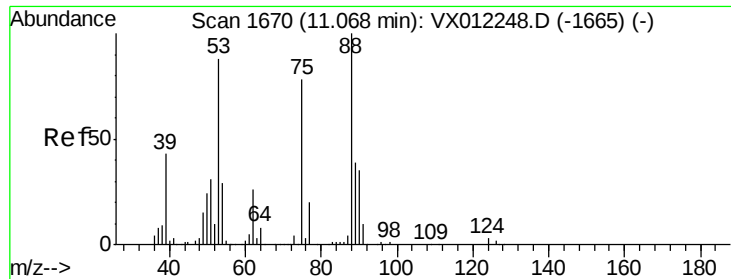


Abundance

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: 141.841 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012269.D

Acq: 10 Sep 2019 22:28

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBL02

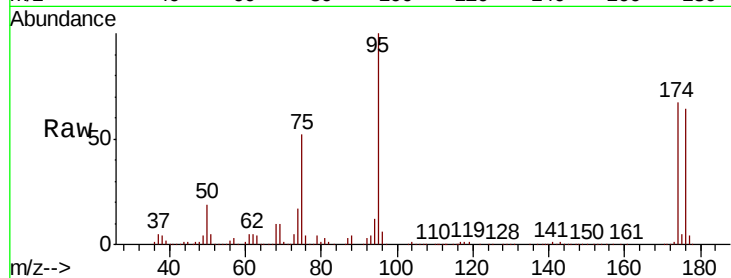
Tgt Ion: 75 Resp: 74585

Ion Ratio Lower Upper

75 100

53 0.1 88.1 132.1#

89 0.0 43.5 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

