

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012119.D
 Acq On : 06 Sep 2019 01:02
 Operator : SY/SP
 Sample : VX0905SBL02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBL02

Quant Time: Sep 06 05:47:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	142138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	252228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98301	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	84781	43.23	ug/l	0.00
Spiked Amount			Recovery	=	86.46%	
35) Dibromofluoromethane	5.48	113	72449	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
50) Toluene-d8	8.71	98	296537	52.10	ug/l	0.00
Spiked Amount			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.14	95	117409	44.35	ug/l	0.00
Spiked Amount			Recovery	=	88.70%	

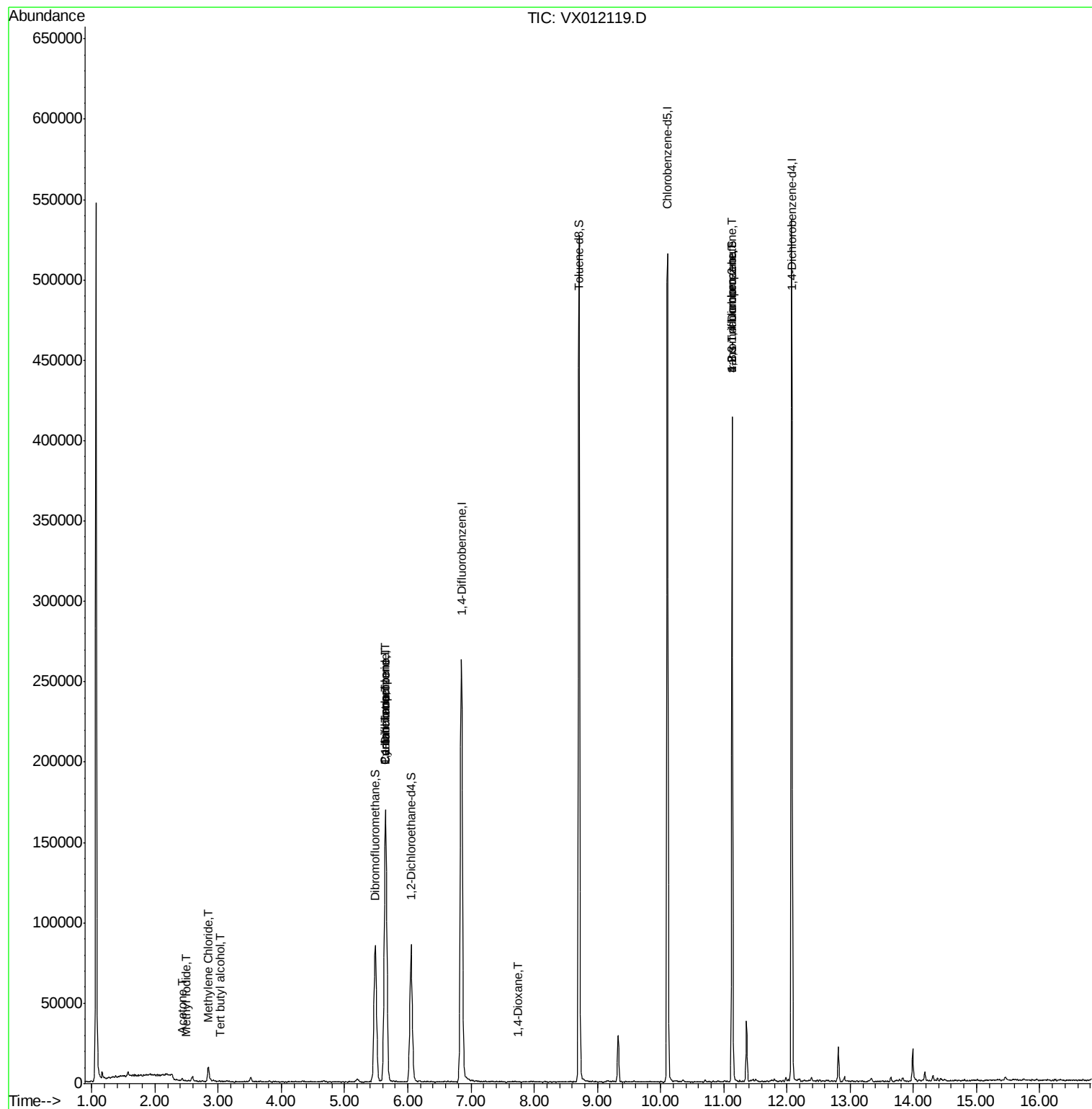
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	235	7.126	ug/l #	77
11) Tert butyl alcohol	3.03	59	509	2.702	ug/l #	83
13) Acrolein	2.27	56	122	Below Cal	#	1
16) Acetone	2.43	43	1832	3.908	ug/l	97
20) Methylene Chloride	2.84	84	4003	2.127	ug/l	88
31) Cyclohexane	5.65	56	4090	1.701	ug/l #	26
36) 1,1-Dichloropropene	5.65	75	13134	5.912	ug/l #	48
38) Carbon Tetrachloride	5.64	117	16643	7.110	ug/l #	14
49) 1,4-Dioxane	7.75	88	20	1.188	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	61144	50.907	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	61144	120.352	ug/l #	10

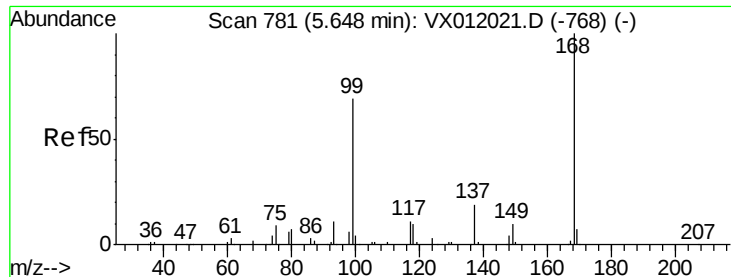
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
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Quant Time: Sep 06 05:47:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 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: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

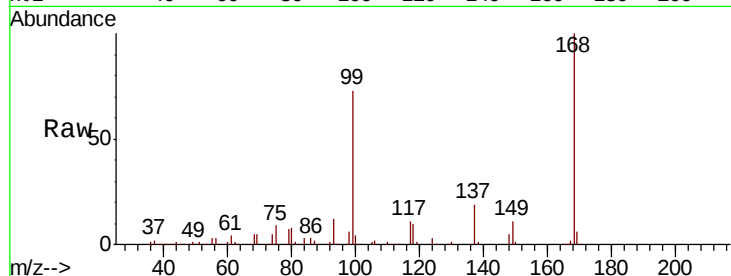
VX0905SBL02

Tgt Ion:168 Resp: 142138

Ion Ratio Lower Upper

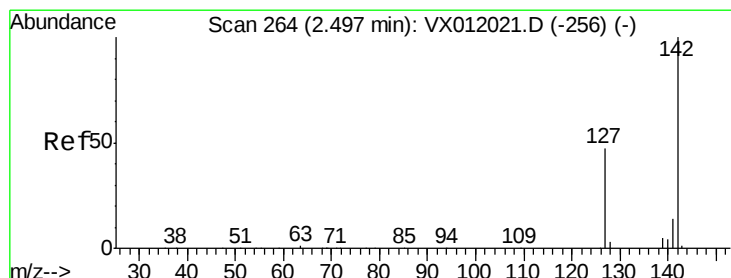
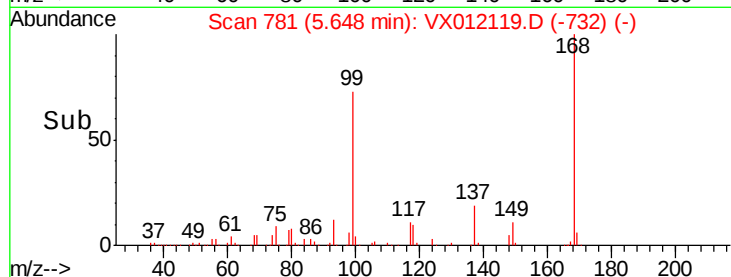
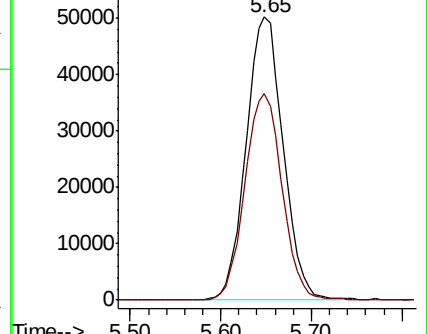
168 100

99 72.8 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 7.126 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

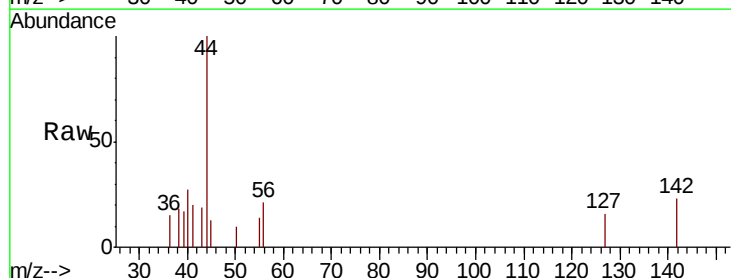
Tgt Ion:142 Resp: 235

Ion Ratio Lower Upper

142 100

127 31.5 35.4 53.2#

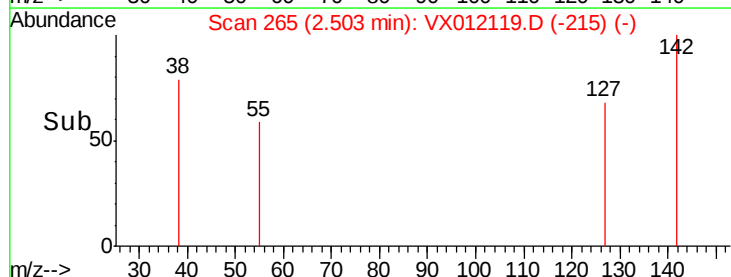
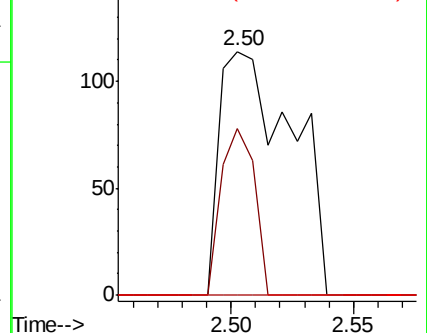
141 0.0 11.4 17.2#

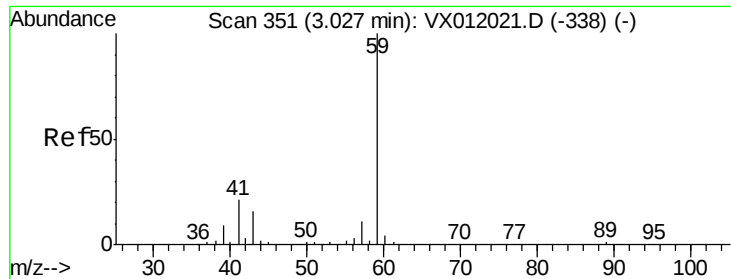


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

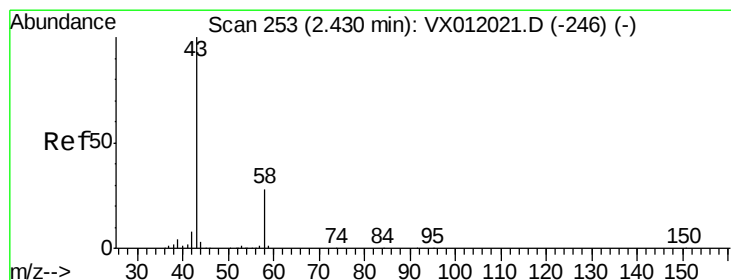
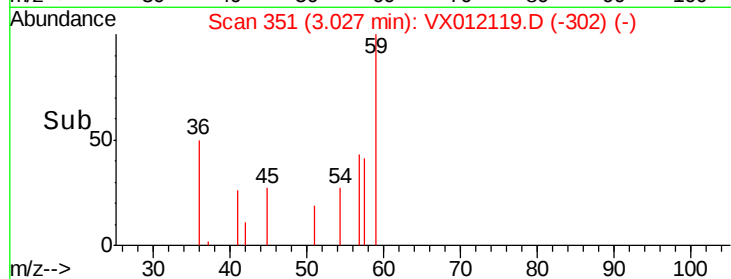
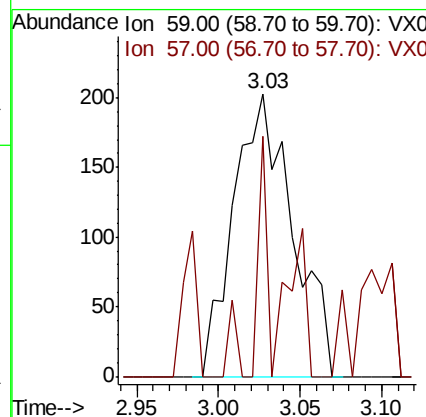
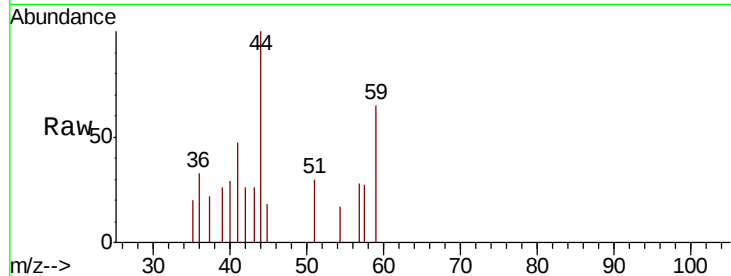




#11
Tert butyl alcohol
Concen: 2.702 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

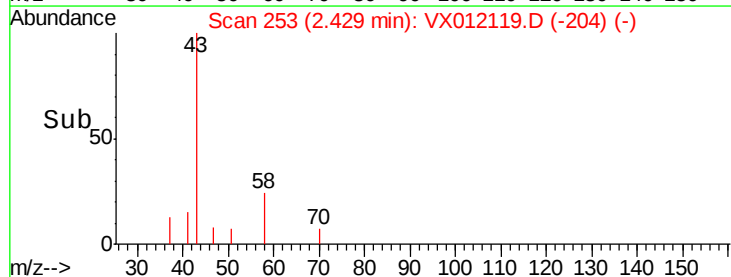
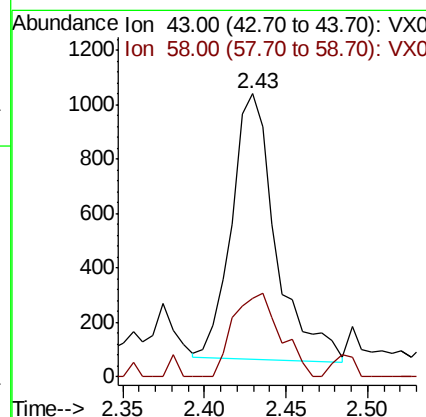
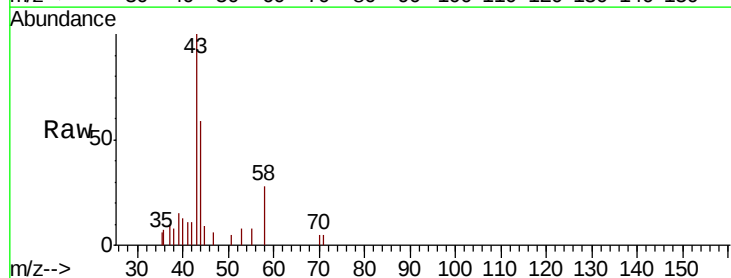
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBL02

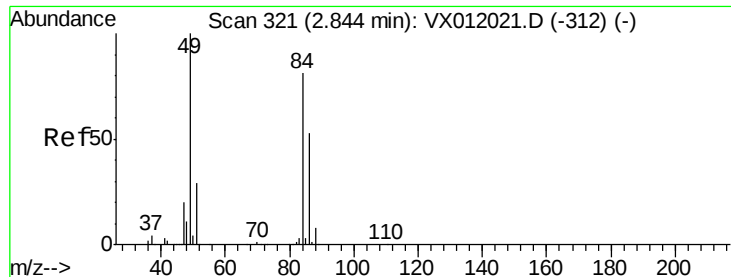
Tgt Ion: 59 Resp: 509
Ion Ratio Lower Upper
59 100
57 16.3 7.9 11.9#



#16
Acetone
Concen: 3.908 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 30.0 22.8 34.2

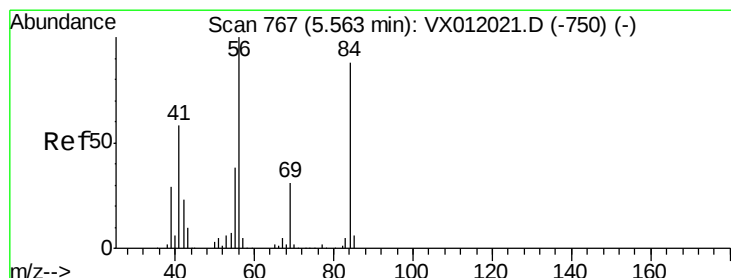
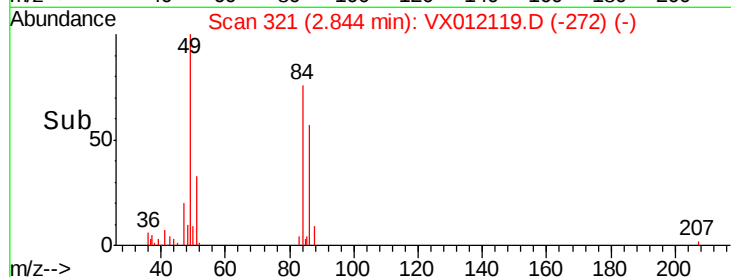
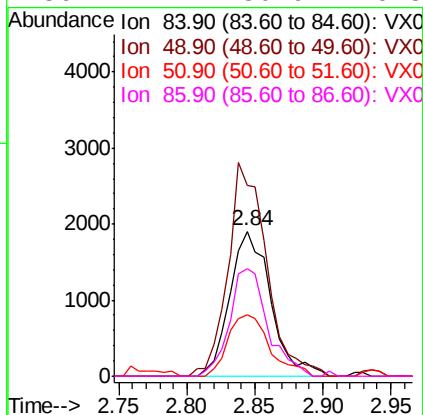
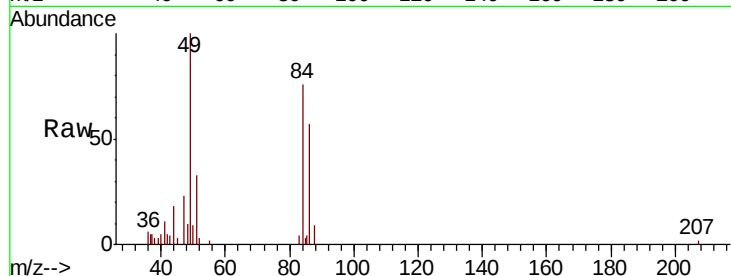




#20
Methylene Chloride
Concen: 2.127 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

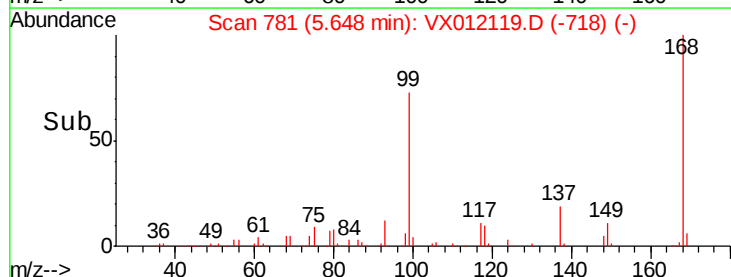
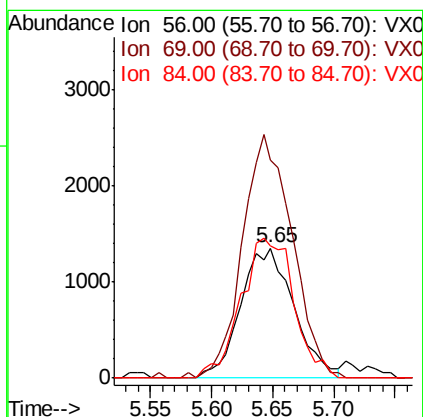
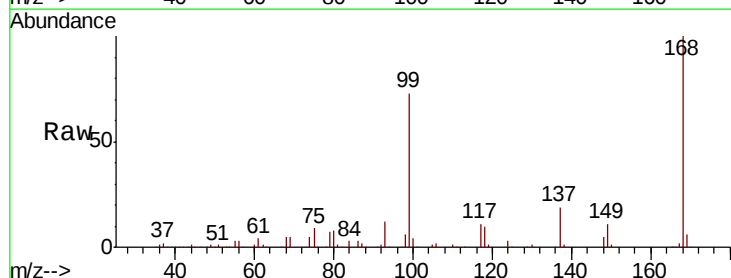
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBL02

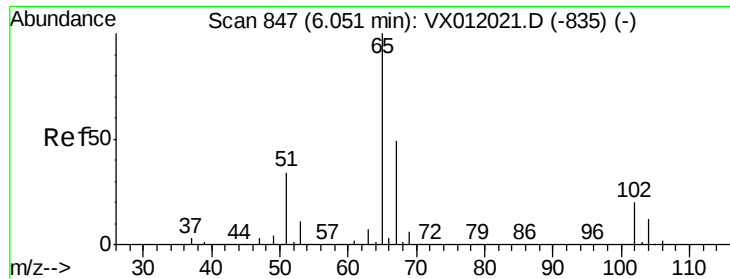
Tgt Ion:	84	Resp:	4003
Ion	Ratio	Lower	Upper
84	100		
49	131.6	95.8	143.8
51	42.8	28.6	43.0
86	74.7	50.9	76.3



#31
Cyclohexane
Concen: 1.701 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

Tgt Ion:	56	Resp:	4090
Ion	Ratio	Lower	Upper
56	100		
69	163.8	25.7	38.5#
84	101.8	70.3	105.5





#33

1,2-Dichloroethane-d4

Concen: 43.229 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

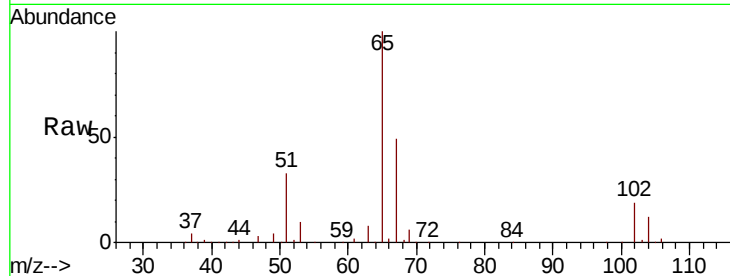
VX0905SBL02

Tgt Ion: 65 Resp: 84781

Ion Ratio Lower Upper

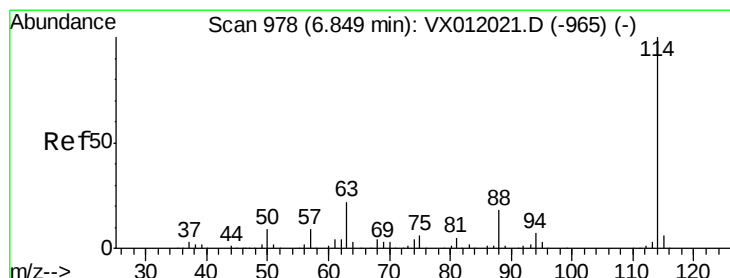
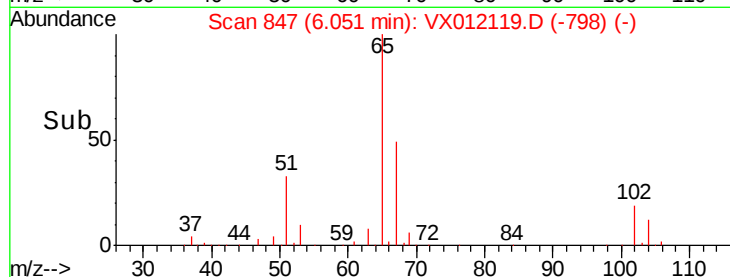
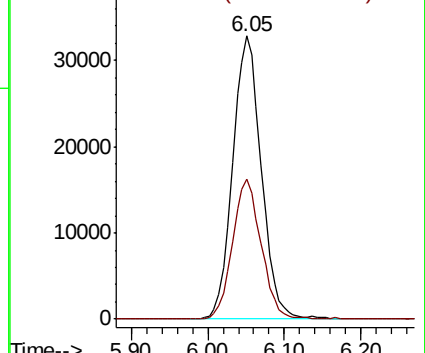
65 100

67 49.5 0.0 102.0



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: VX012119.D

Acq: 06 Sep 2019 01:02

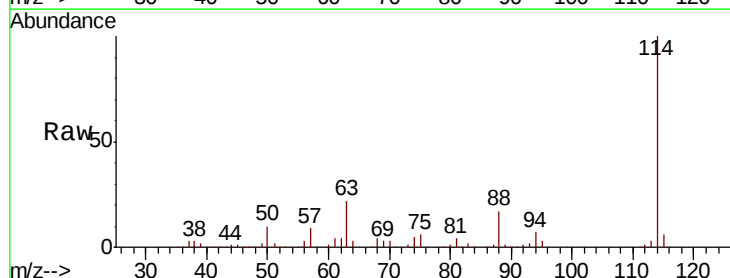
Tgt Ion: 114 Resp: 252228

Ion Ratio Lower Upper

114 100

63 22.2 0.0 37.4

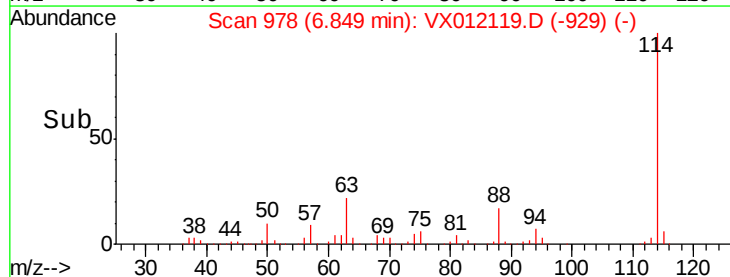
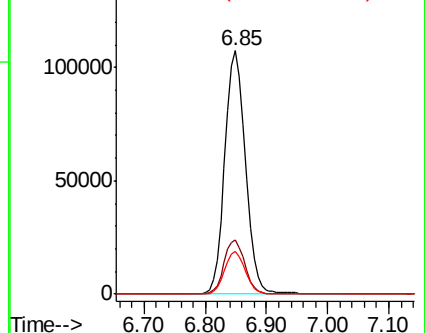
88 17.4 0.0 29.6

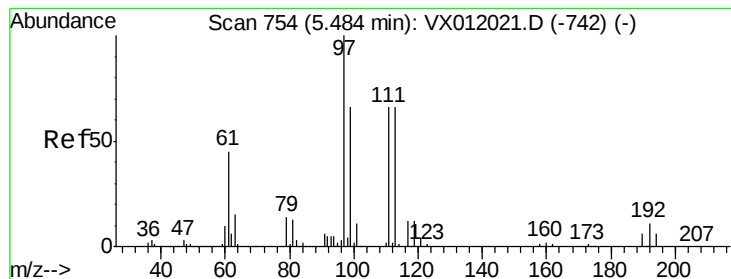


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.707 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBL02

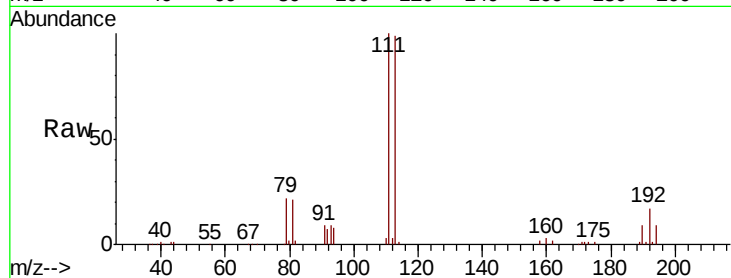
Tgt Ion:113 Resp: 72449

Ion Ratio Lower Upper

113 100

111 101.9 81.7 122.5

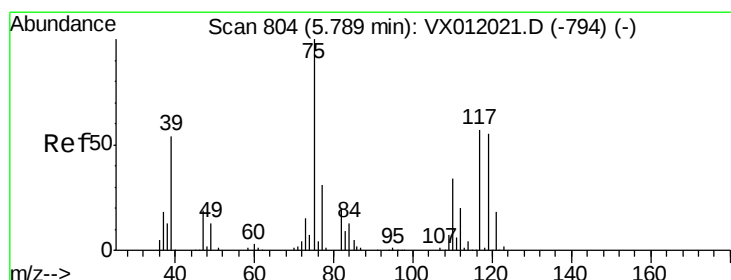
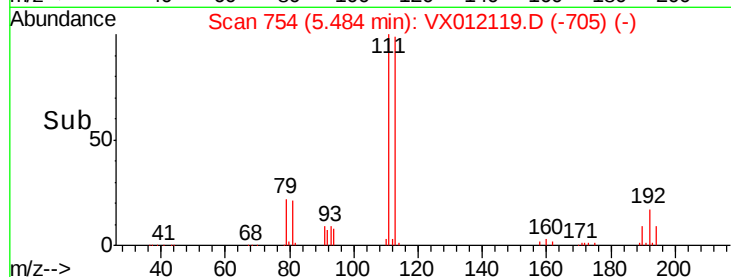
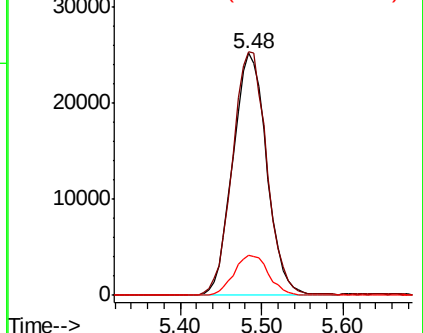
192 16.8 22.5 33.7#



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: 5.912 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

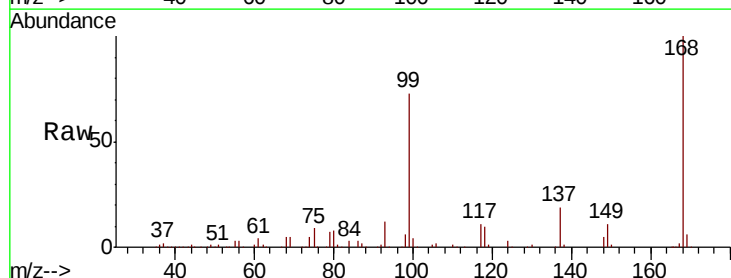
Tgt Ion: 75 Resp: 13134

Ion Ratio Lower Upper

75 100

110 9.6 19.5 58.5#

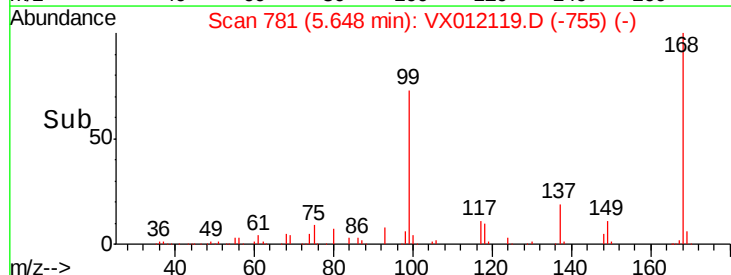
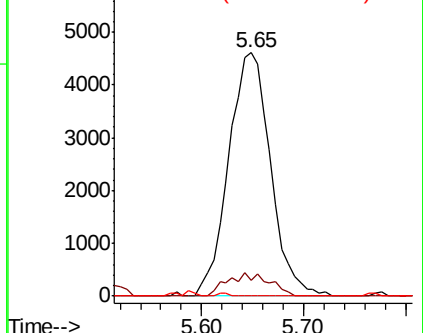
77 0.0 24.6 37.0#

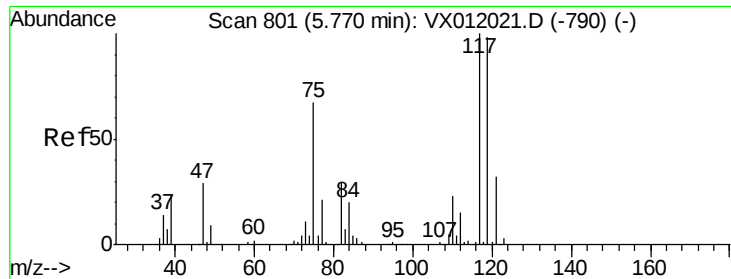


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.110 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBL02

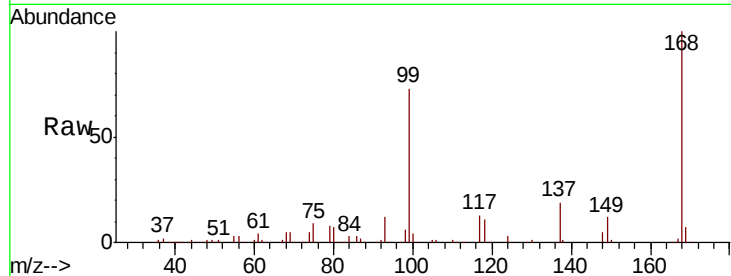
Tgt Ion:117 Resp: 16643

Ion Ratio Lower Upper

117 100

119 3.5 78.3 117.5#

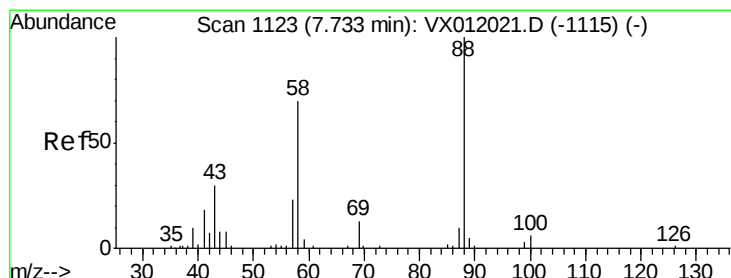
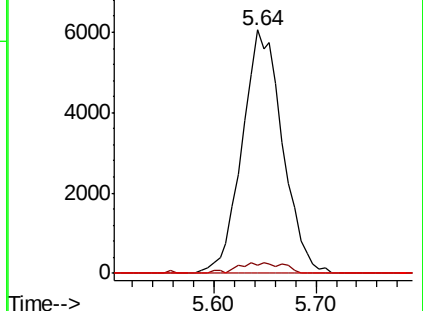
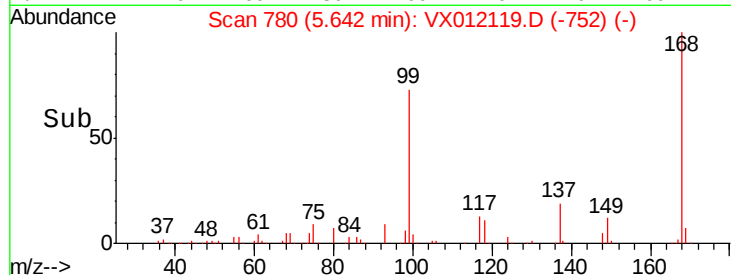
121 0.0 24.2 36.2#



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: 1.188 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

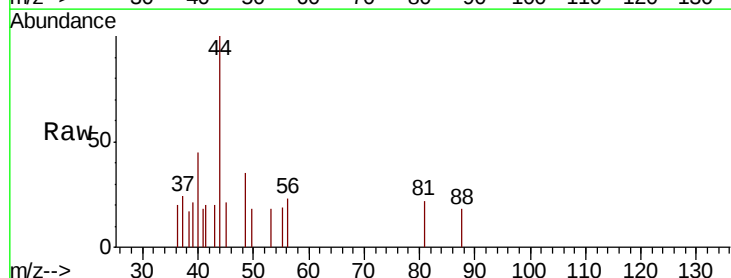
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 735.0 29.8 44.6#

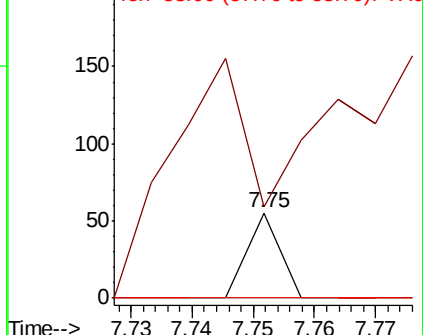
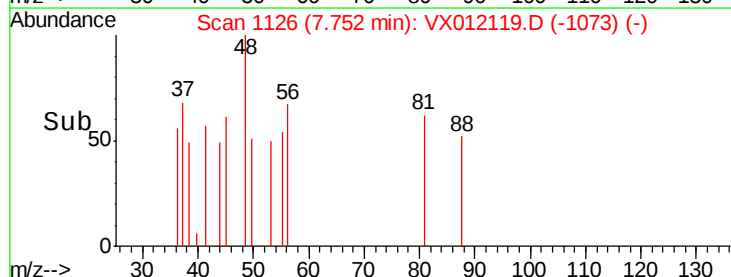
58 0.0 55.4 83.2#

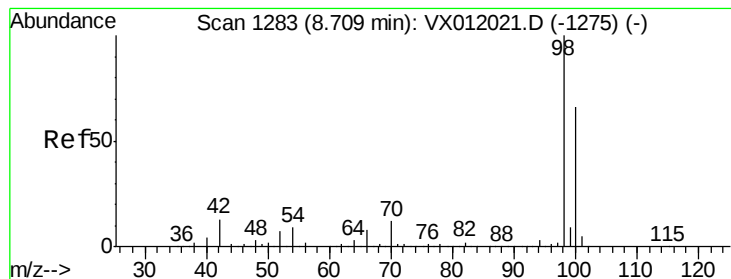


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 52.098 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampleId :

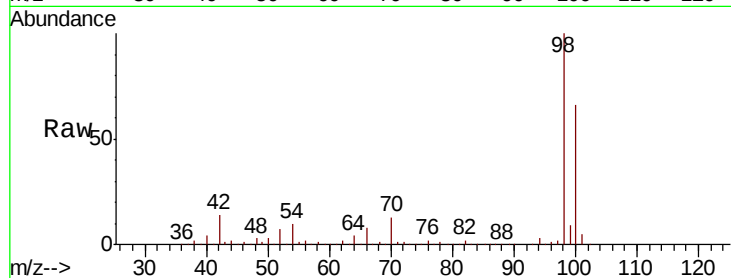
VX0905SBL02

Tgt Ion: 98 Resp: 296537

Ion Ratio Lower Upper

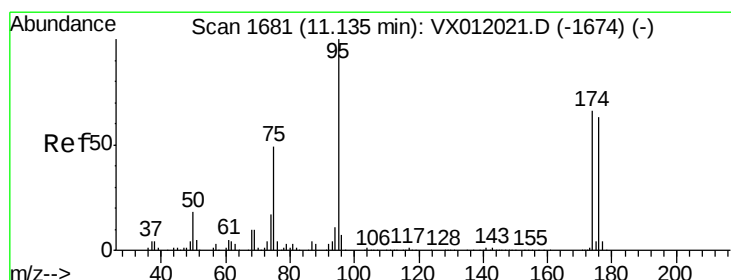
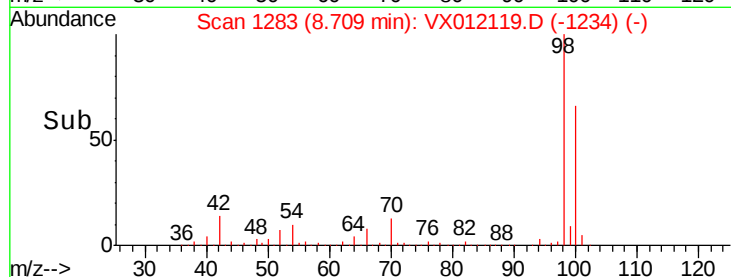
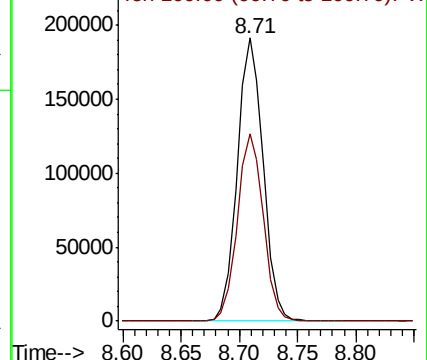
98 100

100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.354 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

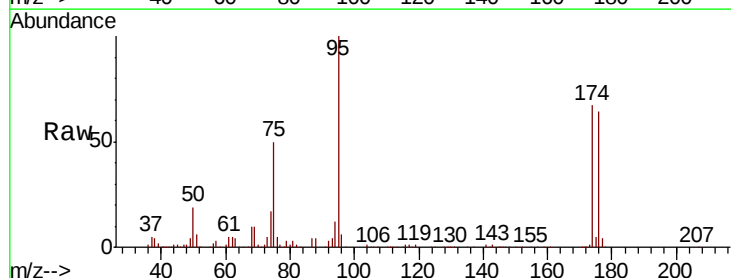
Tgt Ion: 95 Resp: 117409

Ion Ratio Lower Upper

95 100

174 63.0 0.0 205.4

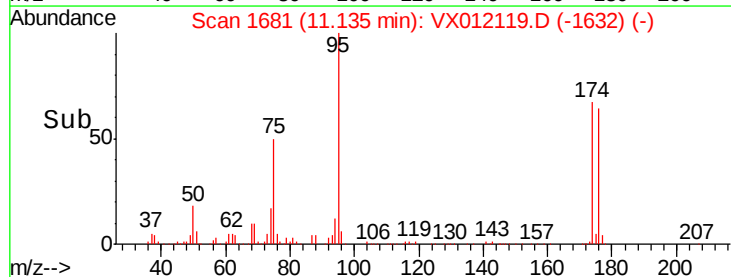
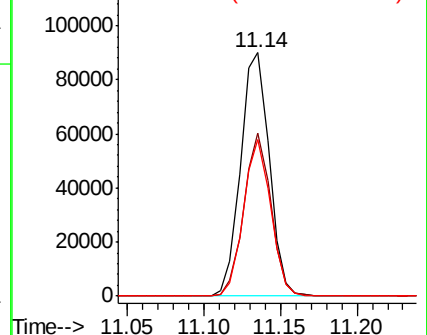
176 61.2 0.0 201.8

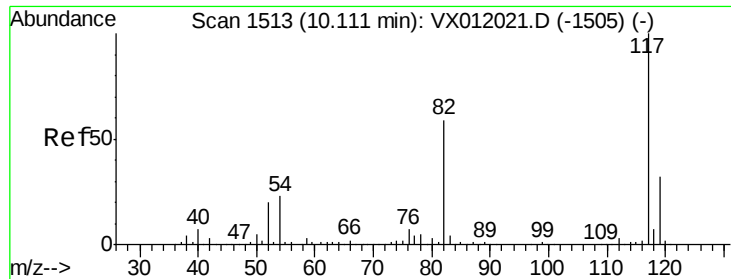


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

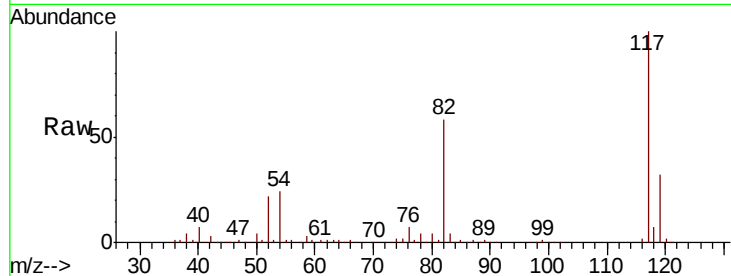




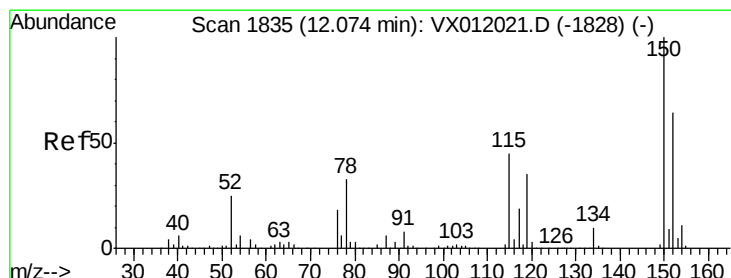
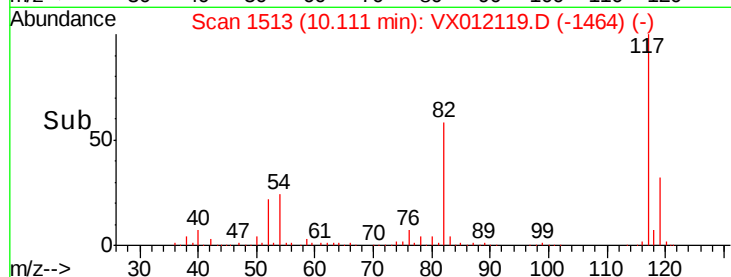
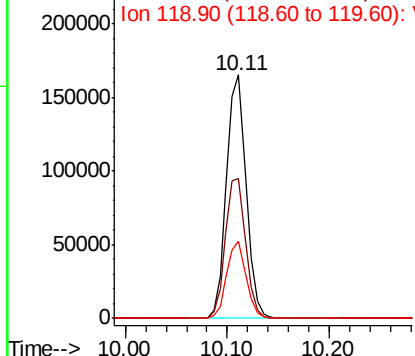
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBL02

Tgt Ion:117 Resp: 220722
Ion Ratio Lower Upper
117 100
82 57.6 39.4 59.0
119 31.5 26.1 39.1

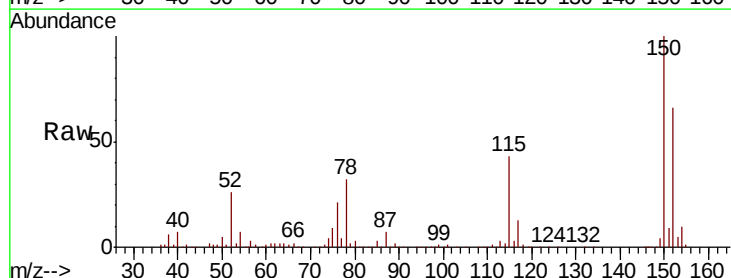


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

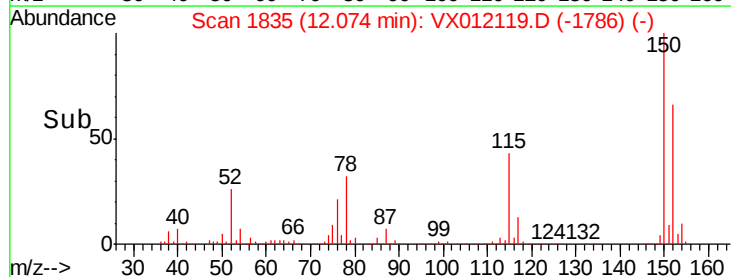
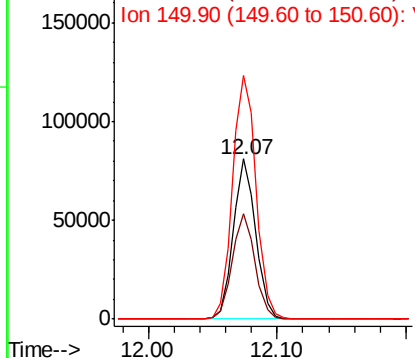


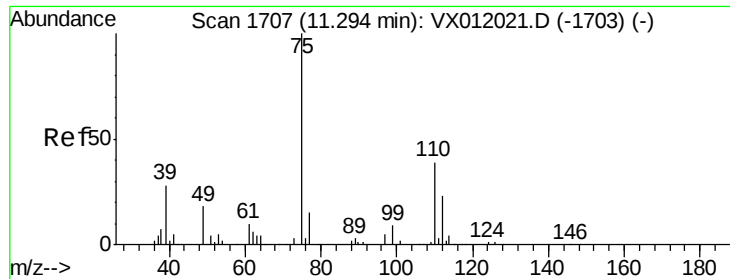
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012119.D
Acq: 06 Sep 2019 01:02

Tgt Ion:152 Resp: 98301
Ion Ratio Lower Upper
152 100
115 67.0 36.4 109.3
150 160.0 0.0 341.2



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: 50.907 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

Instrument :

MSVOA_X

ClientSampled :

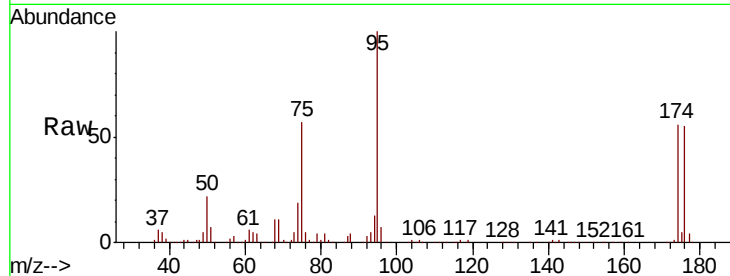
VX0905SBL02

Tgt Ion: 75 Resp: 61144

Ion Ratio Lower Upper

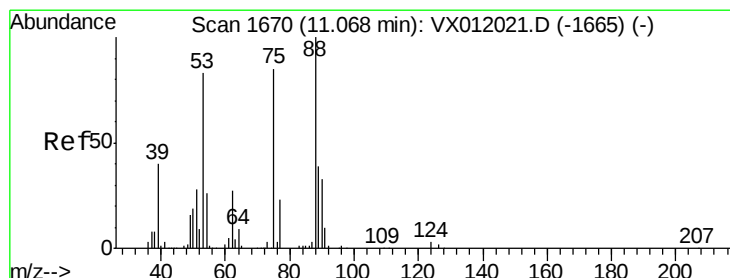
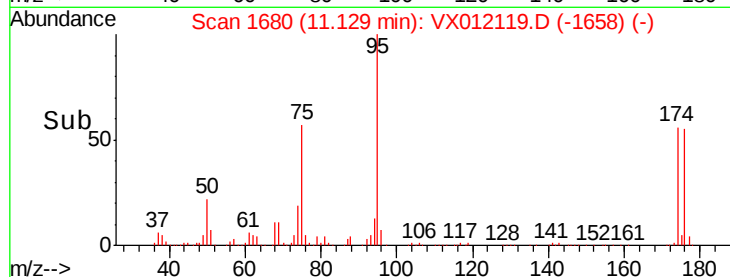
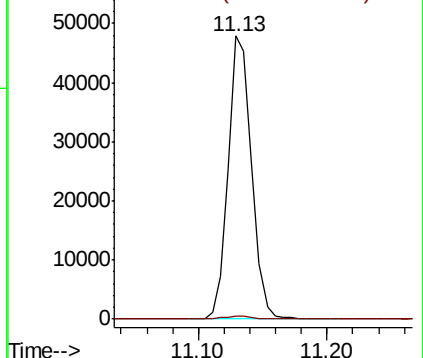
75 100

77 1.3 23.5 70.5#



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: 120.352 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012119.D

Acq: 06 Sep 2019 01:02

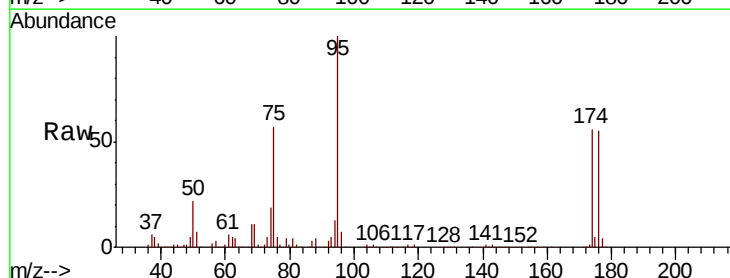
Tgt Ion: 75 Resp: 61144

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.0 38.8 58.2#



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

