

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012048.D
 Acq On : 04 Sep 2019 13:28
 Operator : SY/SP
 Sample : K4646-23
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AB01-083019

Quant Time: Sep 04 13:58:19 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	171147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125752	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	118506	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	5.48	113	92072	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	8.71	98	364776	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.14	95	149120	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	

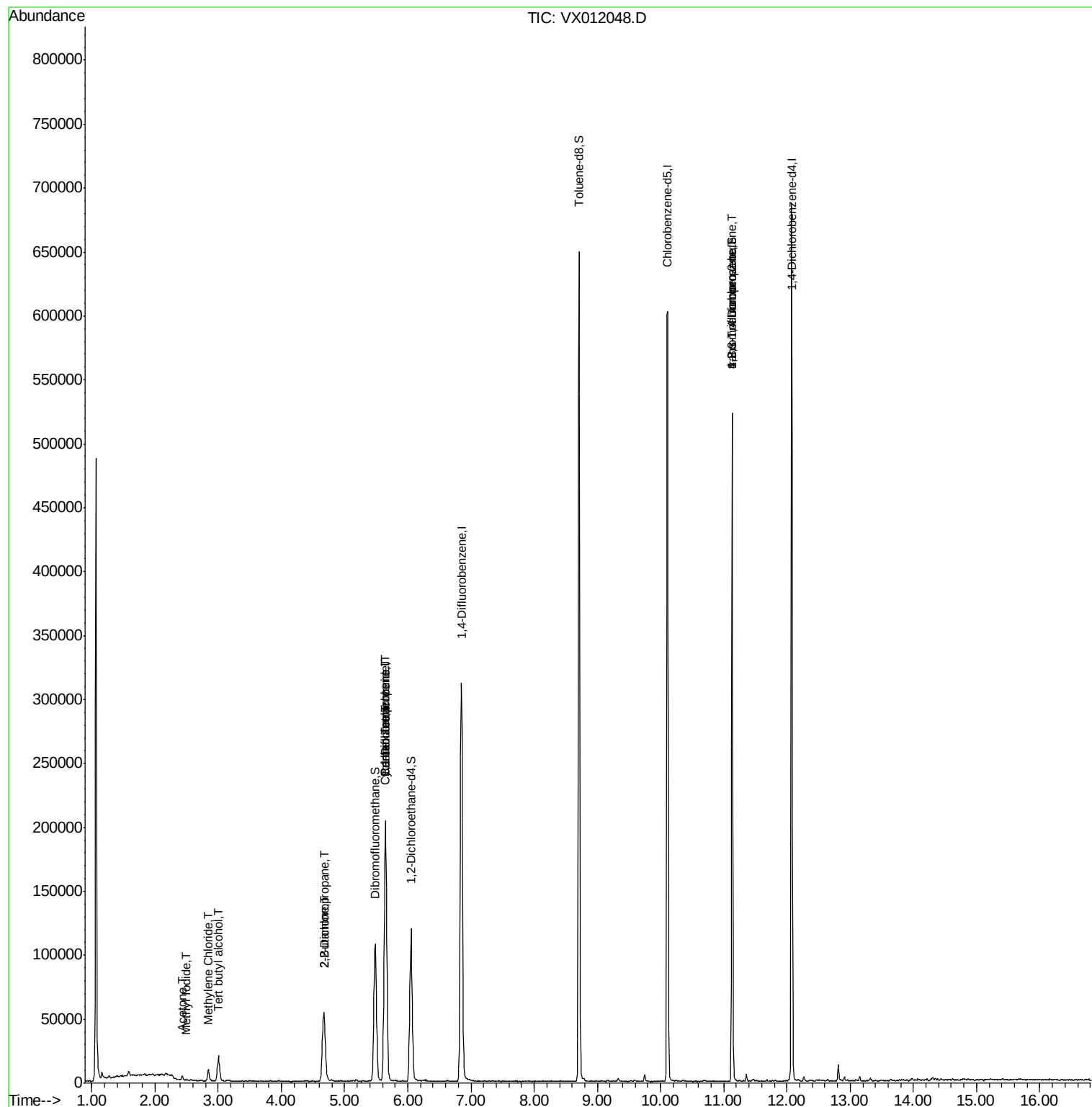
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	54	7.014	ug/l #	40
11) Tert butyl alcohol	3.00	59	13129	57.882	ug/l #	82
13) Acrolein	2.33	56	134	Below Cal	#	61
16) Acetone	2.43	43	3455	6.121	ug/l	91
20) Methylene Chloride	2.84	84	4170	1.840	ug/l #	84
25) 2-Butanone	4.67	43	3675	5.115	ug/l #	79
26) 2,2-Dichloropropane	4.67	77	4569	1.373	ug/l #	54
31) Cyclohexane	5.64	56	4879	1.685	ug/l #	41
36) 1,1-Dichloropropene	5.64	75	16172	6.006	ug/l #	48
38) Carbon Tetrachloride	5.65	117	19473	6.863	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	77153	50.214	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	77153	118.713	ug/l #	10

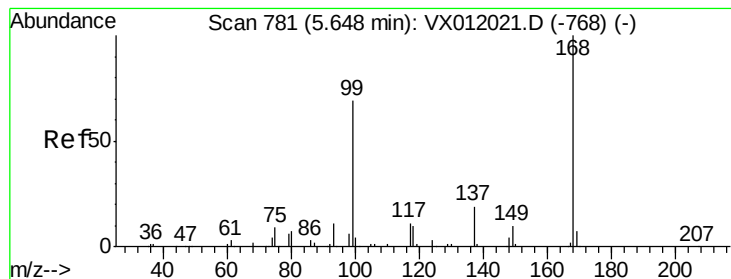
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
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QLast Update : Tue Sep 03 15:26:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

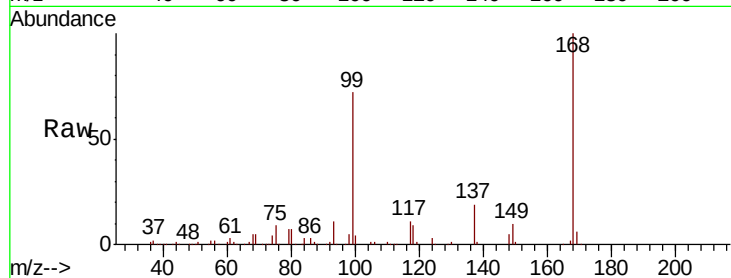
AB01-083019

Tgt Ion:168 Resp: 171147

Ion Ratio Lower Upper

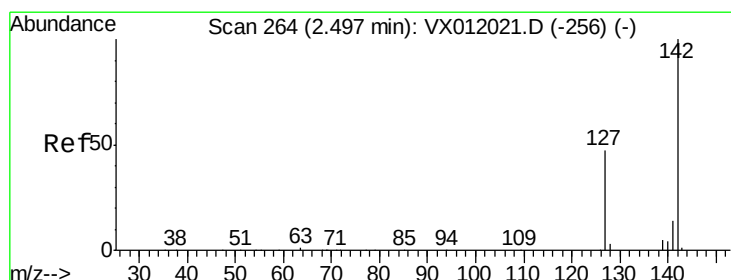
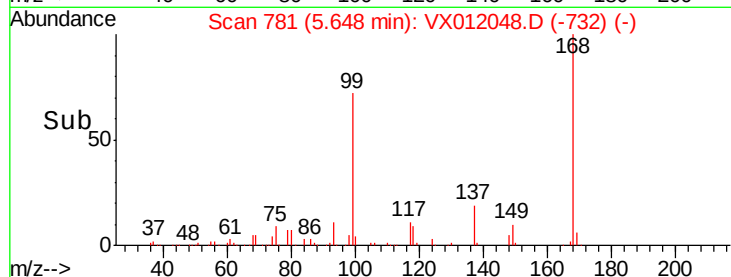
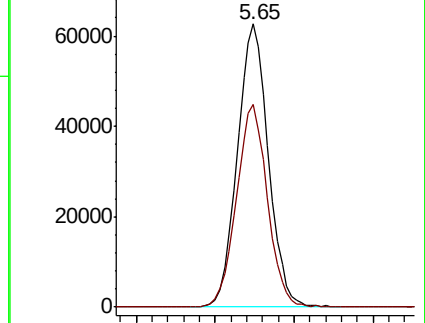
168 100

99 71.8 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: 7.014 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

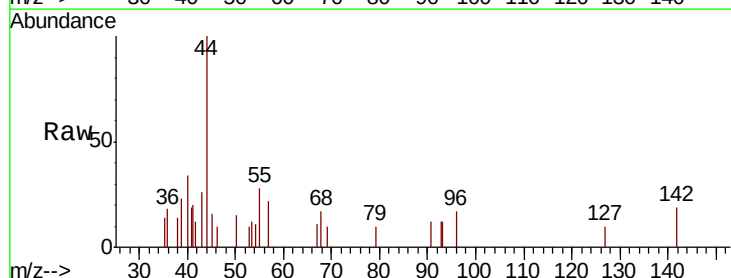
Tgt Ion:142 Resp: 54

Ion Ratio Lower Upper

142 100

127 0.0 35.4 53.2#

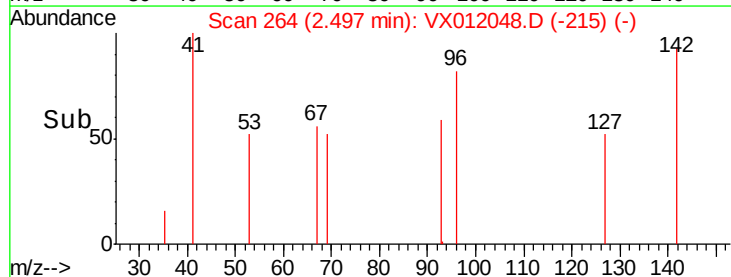
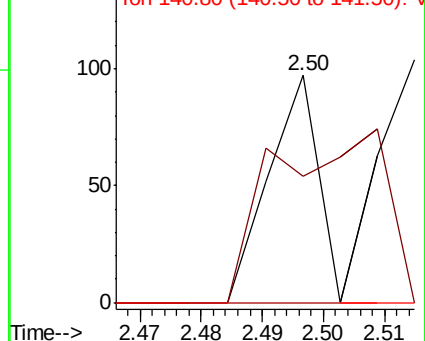
141 0.0 11.4 17.2#

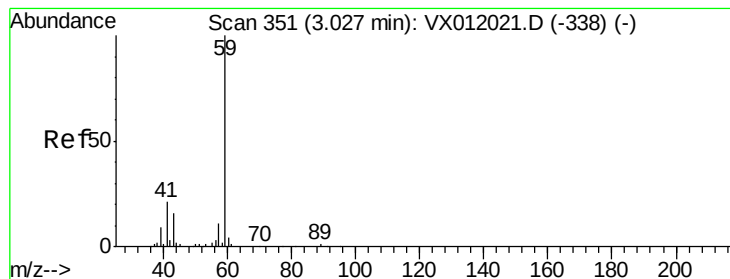


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



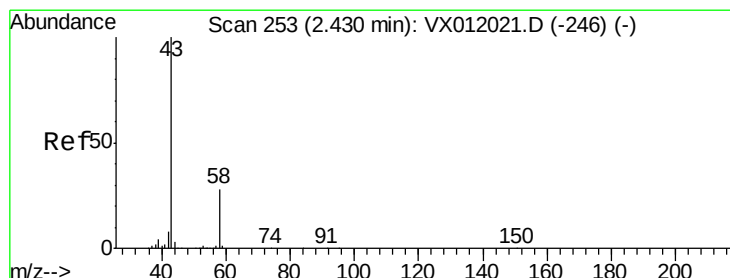
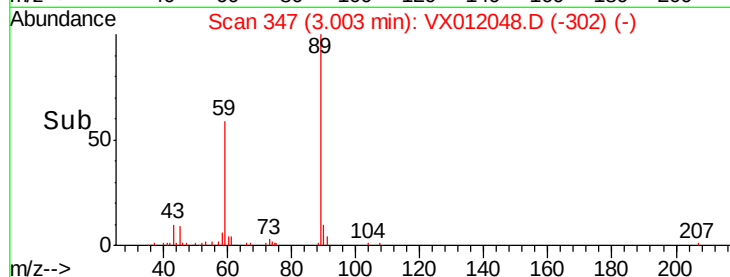
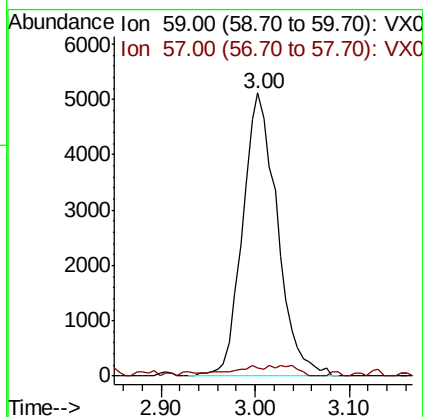
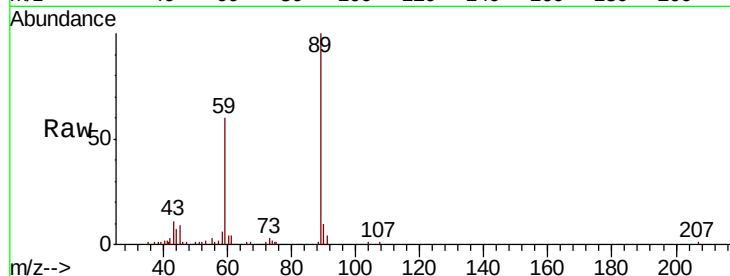


#11

Tert butyl alcohol
 Concen: 57.882 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

Instrument :
 MSVOA_X
 ClientSampleId :
 AB01-083019

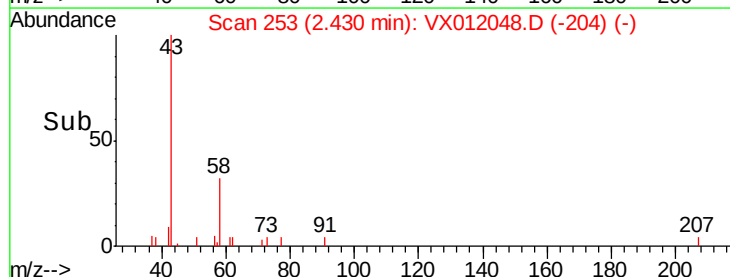
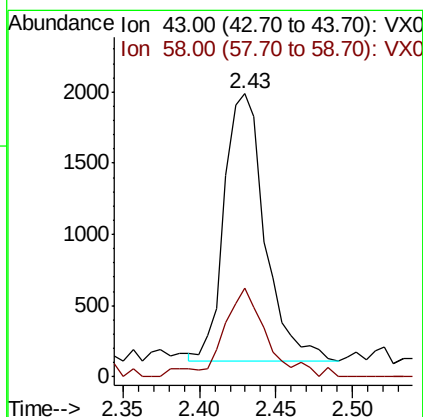
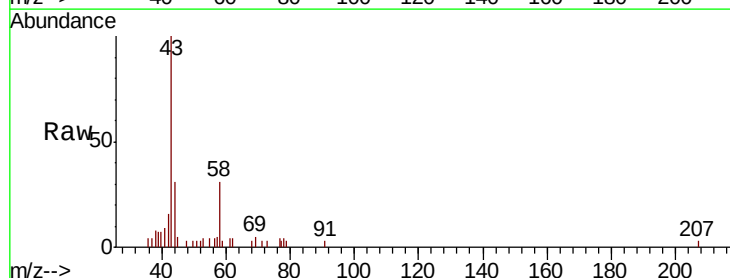
Tgt Ion: 59 Resp: 13129
 Ion Ratio Lower Upper
 59 100
 57 3.4 7.9 11.9#

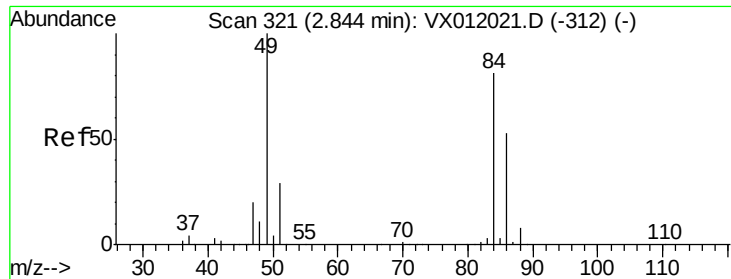


#16

Acetone
 Concen: 6.121 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

Tgt Ion: 43 Resp: 3455
 Ion Ratio Lower Upper
 43 100
 58 33.2 22.8 34.2

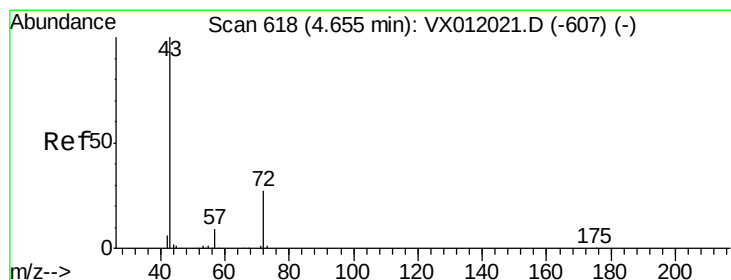
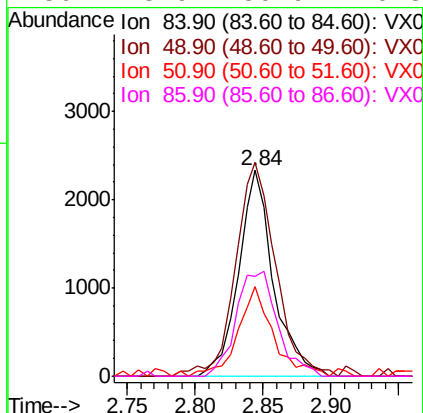
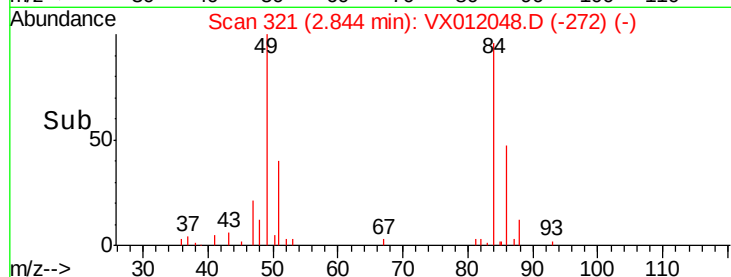
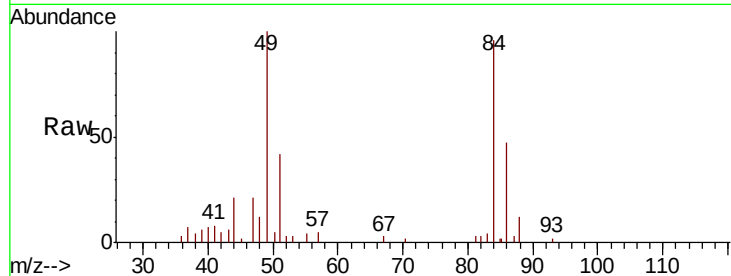




#20
Methylene Chloride
Concen: 1.840 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012048.D
Acq: 04 Sep 2019 13:28

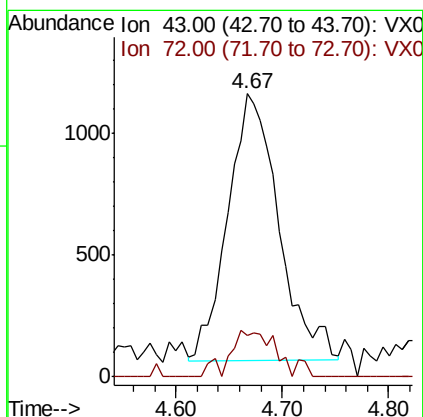
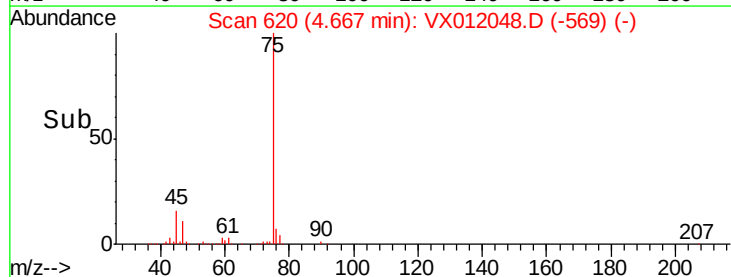
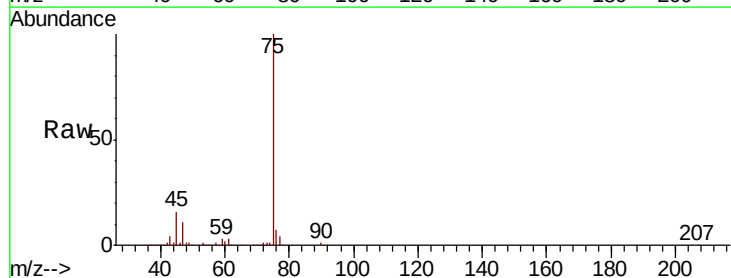
Instrument :
MSVOA_X
ClientSampleId :
AB01-083019

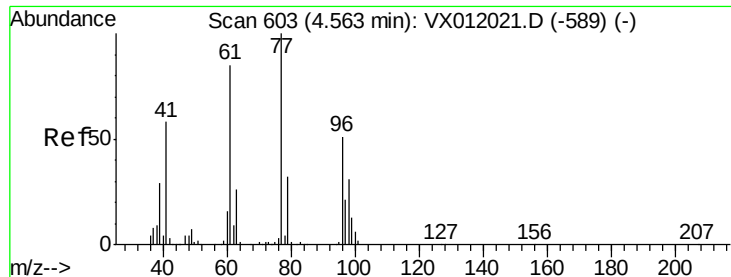
Tgt Ion: 84 Resp: 4170
Ion Ratio Lower Upper
84 100
49 103.9 95.8 143.8
51 43.9 28.6 43.0#
86 48.9 50.9 76.3#



#25
2-Butanone
Concen: 5.115 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX012048.D
Acq: 04 Sep 2019 13:28

Tgt Ion: 43 Resp: 3675
Ion Ratio Lower Upper
43 100
72 15.9 21.3 31.9#

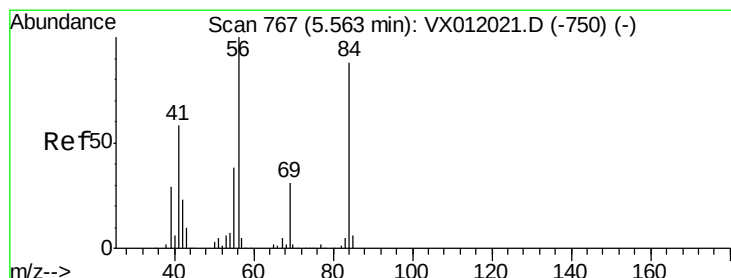
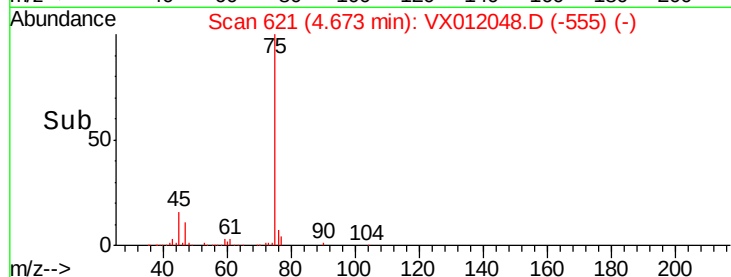
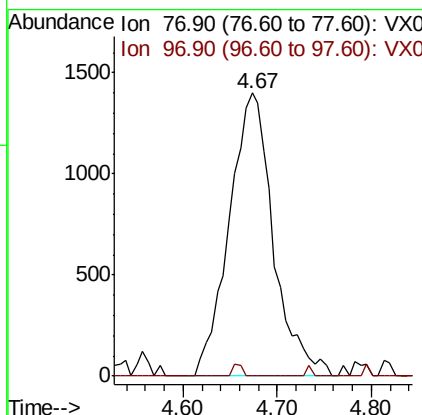
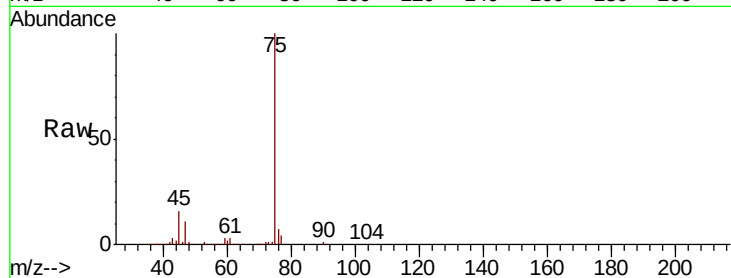




#26
 2,2-Dichloropropane
 Concen: 1.373 ug/l
 RT: 4.67 min Scan# 621
 Delta R.T. 0.10 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

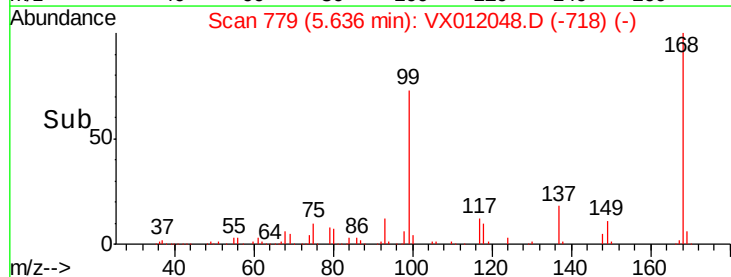
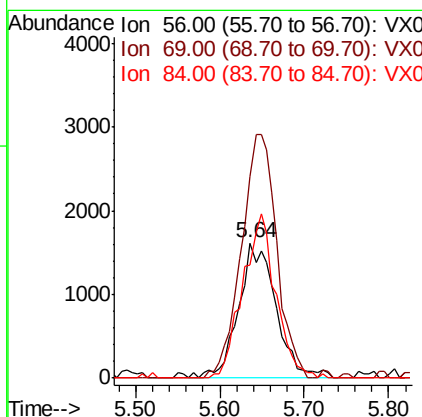
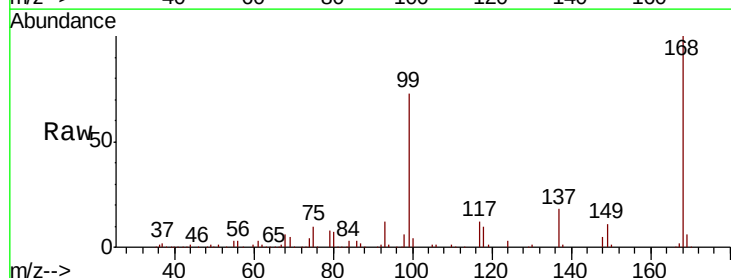
Instrument :
 MSVOA_X
 ClientSampleId :
 AB01-083019

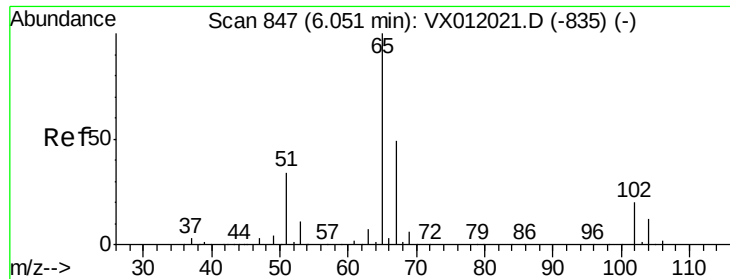
Tgt Ion: 77 Resp: 4569
 Ion Ratio Lower Upper
 77 100
 97 0.9 11.5 34.5#



#31
 Cyclohexane
 Concen: 1.685 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.07 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

Tgt Ion: 56 Resp: 4879
 Ion Ratio Lower Upper
 56 100
 69 148.6 25.7 38.5#
 84 83.5 70.3 105.5

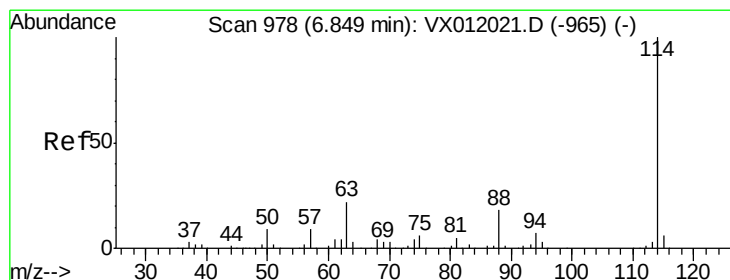
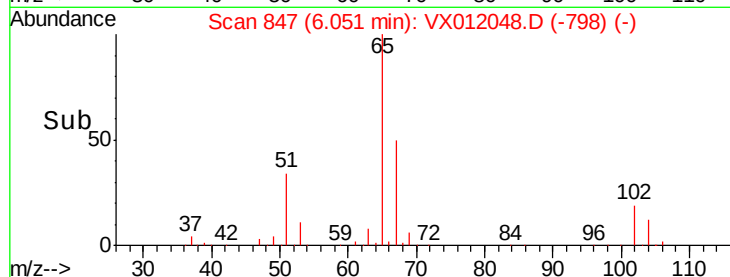
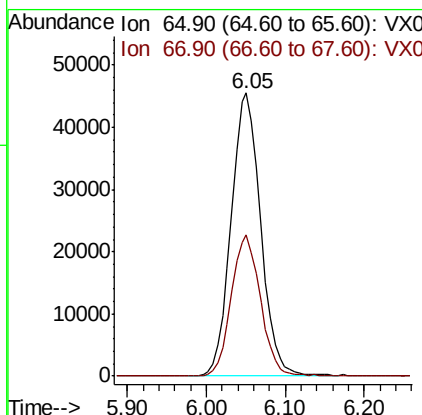
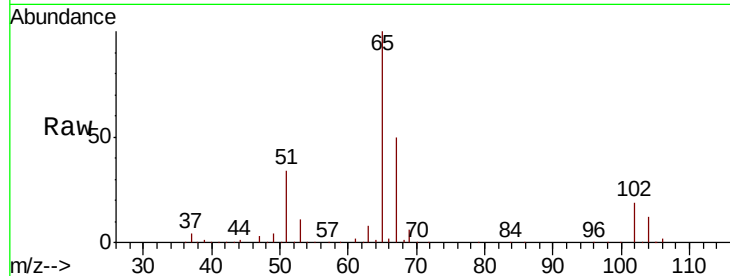




#33
 1,2-Dichloroethane-d4
 Concen: 50.183 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

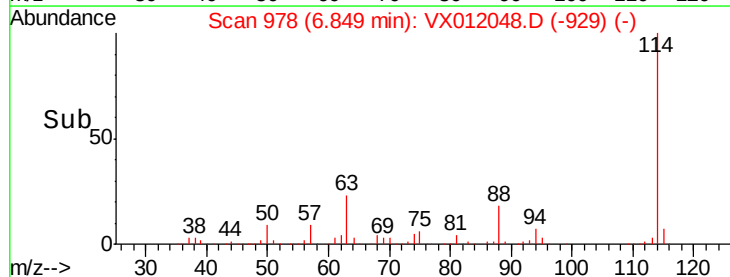
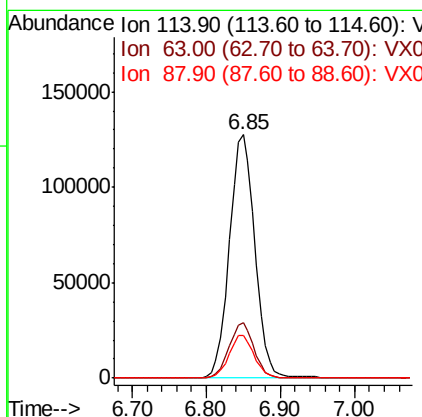
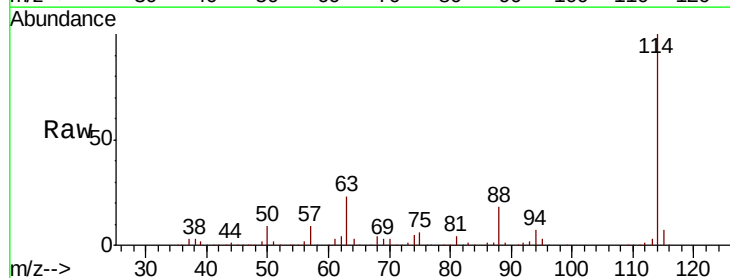
Instrument :
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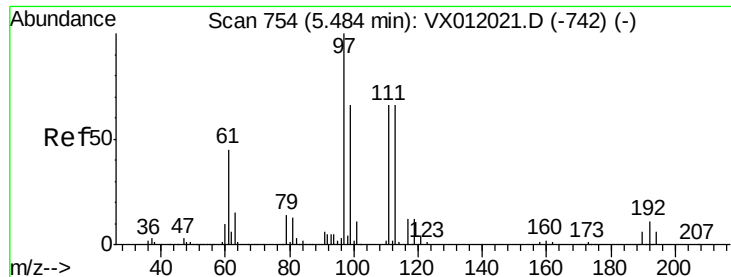
Tgt Ion: 65 Resp: 118506
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

Tgt Ion: 114 Resp: 305724
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 37.4
 88 17.6 0.0 29.6

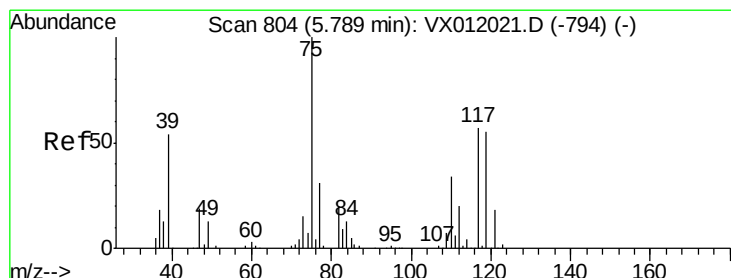
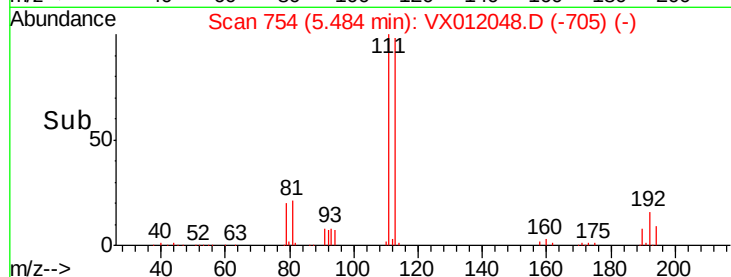
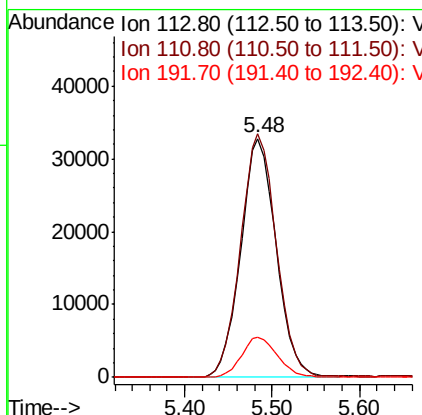
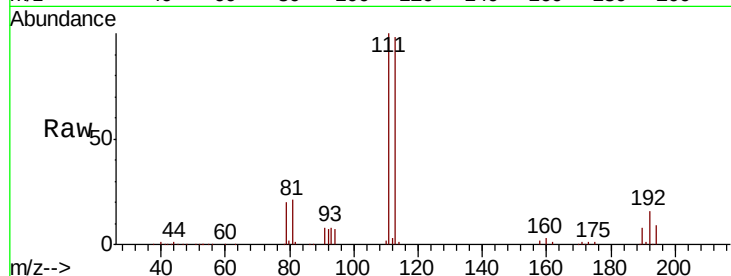




#35
 Dibromofluoromethane
 Concen: 48.971 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

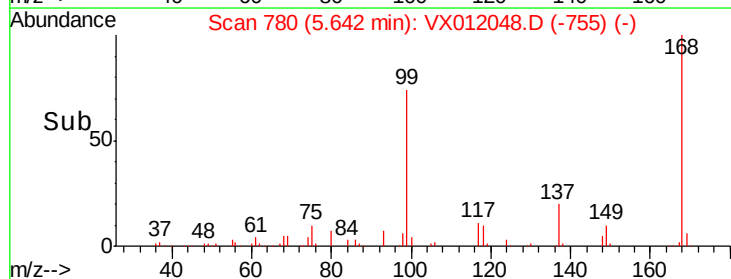
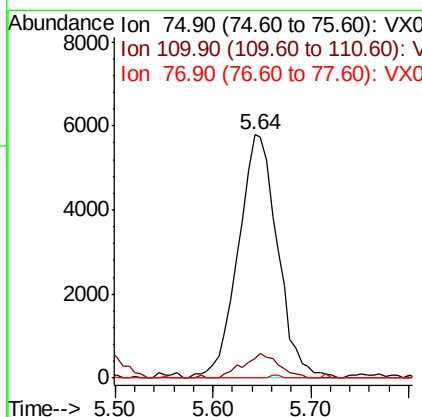
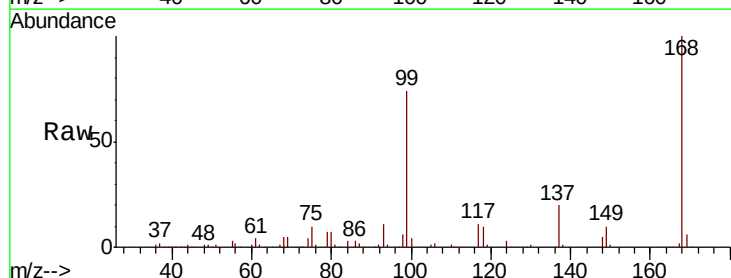
Instrument :
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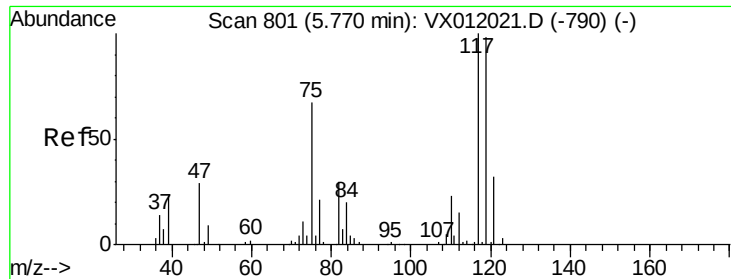
Tgt Ion:113 Resp: 92072
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.7 122.5
 192 17.0 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 6.006 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012048.D
 Acq: 04 Sep 2019 13:28

Tgt Ion: 75 Resp: 16172
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.863 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

AB01-083019

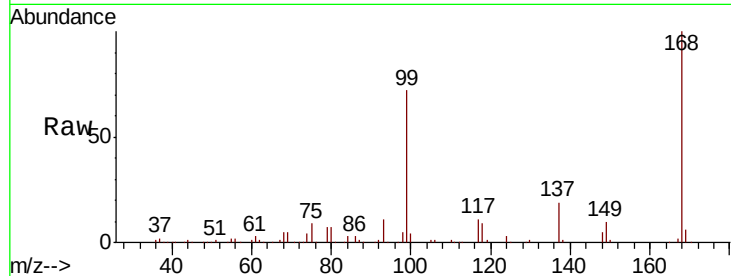
Tgt Ion:117 Resp: 19473

Ion Ratio Lower Upper

117 100

119 4.7 78.3 117.5#

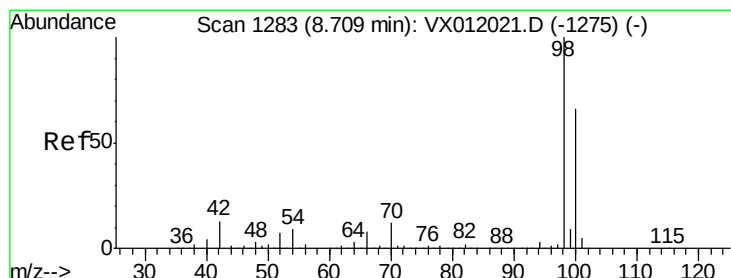
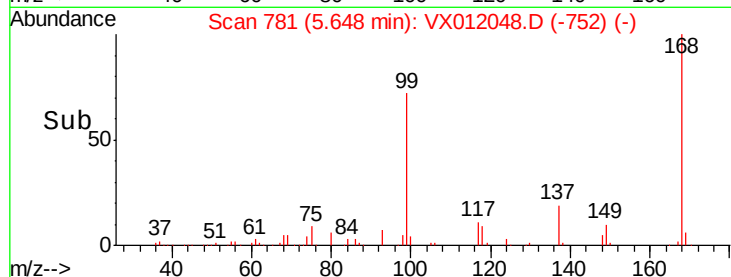
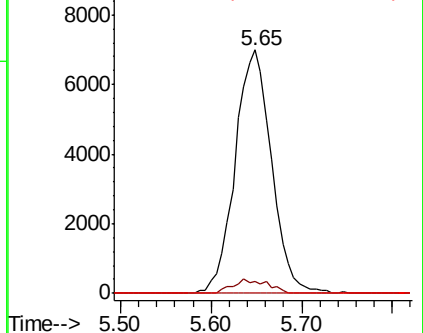
121 0.0 24.2 36.2#



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



#50

Toluene-d8

Concen: 52.872 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012048.D

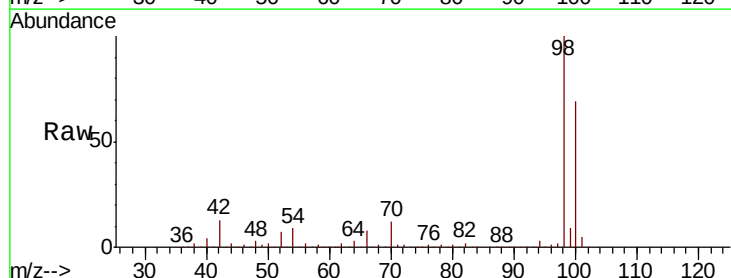
Acq: 04 Sep 2019 13:28

Tgt Ion: 98 Resp: 364776

Ion Ratio Lower Upper

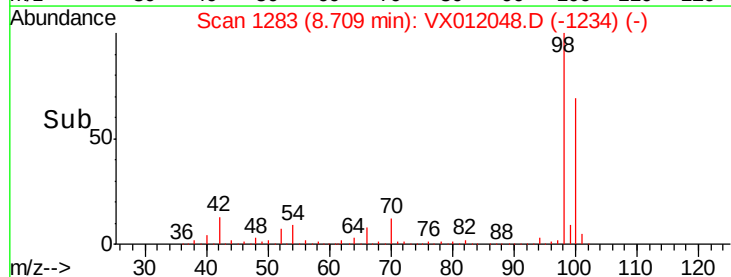
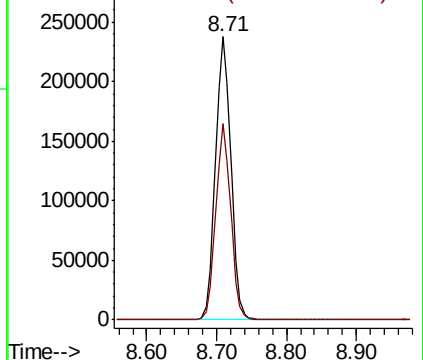
98 100

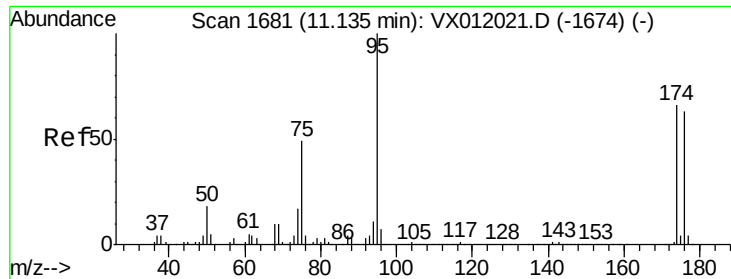
100 67.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.476 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

AB01-083019

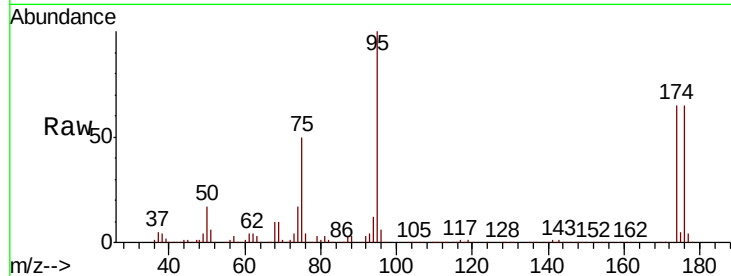
Tgt Ion: 95 Resp: 149120

Ion Ratio Lower Upper

95 100

174 62.5 0.0 205.4

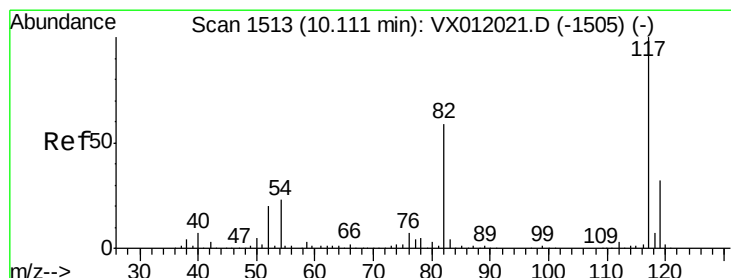
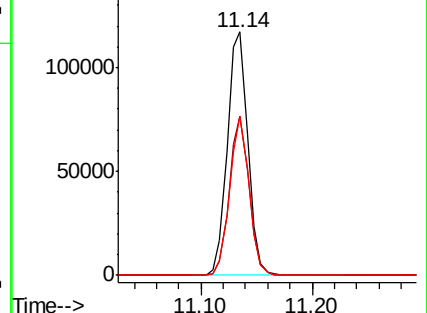
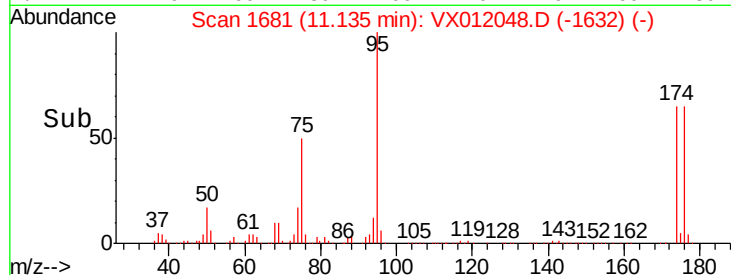
176 61.7 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012048.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012048.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012048.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

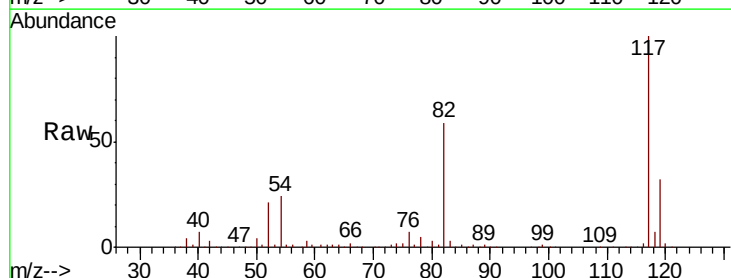
Tgt Ion: 117 Resp: 270335

Ion Ratio Lower Upper

117 100

82 59.3 39.4 59.0#

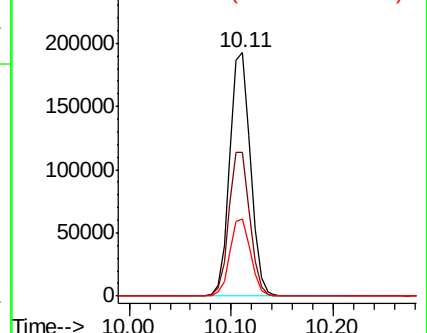
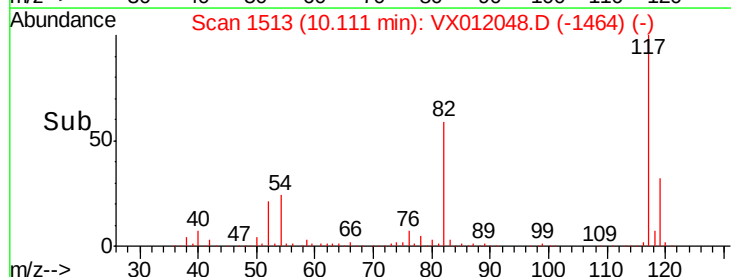
119 31.8 26.1 39.1

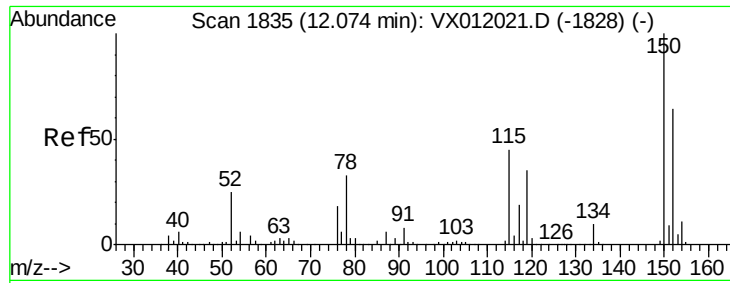


Abundance Ion 116.90 (116.60 to 117.60): VX012048.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012048.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012048.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

AB01-083019

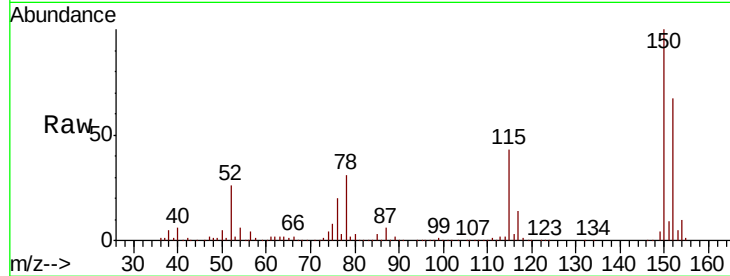
Tgt Ion:152 Resp: 125752

Ion Ratio Lower Upper

152 100

115 64.7 36.4 109.3

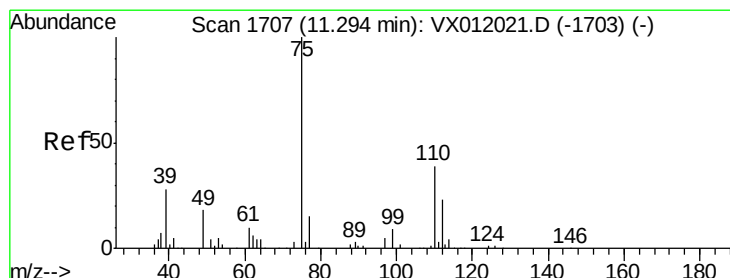
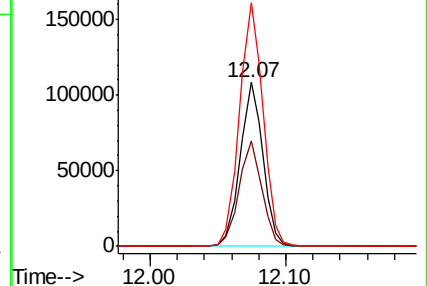
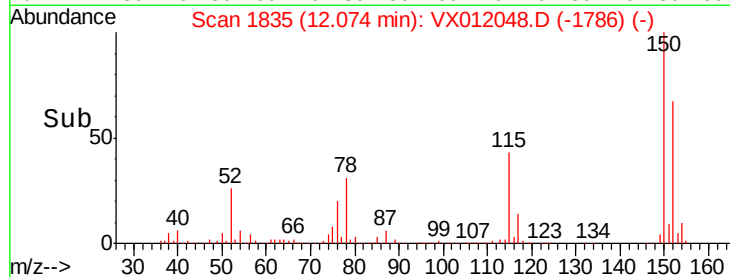
150 154.6 0.0 341.2



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: 50.214 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012048.D

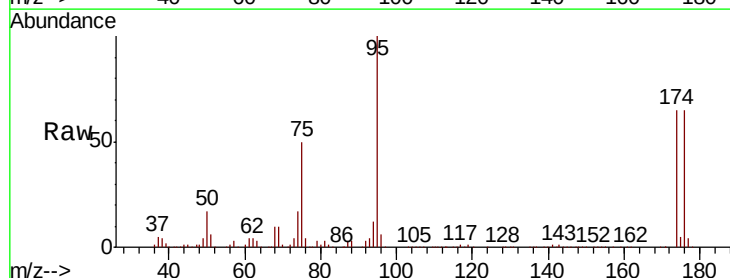
Acq: 04 Sep 2019 13:28

Tgt Ion: 75 Resp: 77153

Ion Ratio Lower Upper

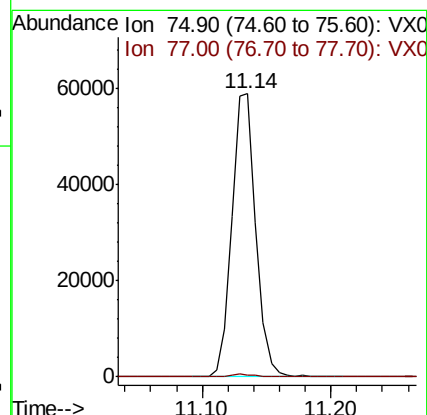
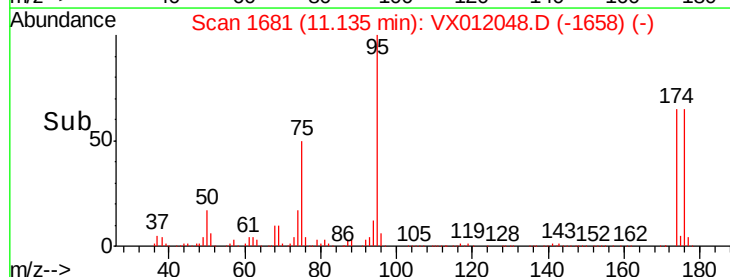
75 100

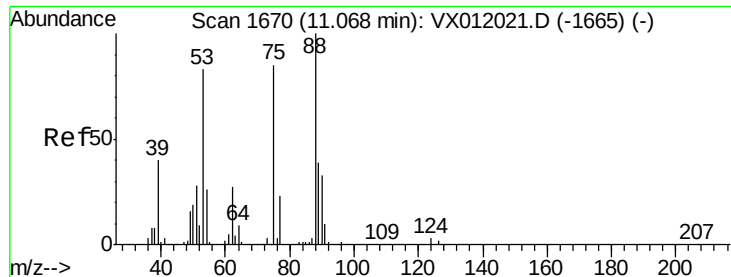
77 1.1 23.5 70.5#



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: 118.713 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012048.D

Acq: 04 Sep 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

AB01-083019

Tgt Ion: 75 Resp: 77153

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.1 38.8 58.2#

