

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012363.D
 Acq On : 12 Sep 2019 22:35
 Operator : SY/SP
 Sample : K4752-17
 Misc : 5.04g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-18-6.5-7.0

Quant Time: Sep 13 02:02:45 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	164596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278348	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115715	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	107676	46.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.54%	
35) Dibromofluoromethane	5.48	113	84340	47.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.54%	
50) Toluene-d8	8.71	98	331584	52.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.14	95	129385	44.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.18%	

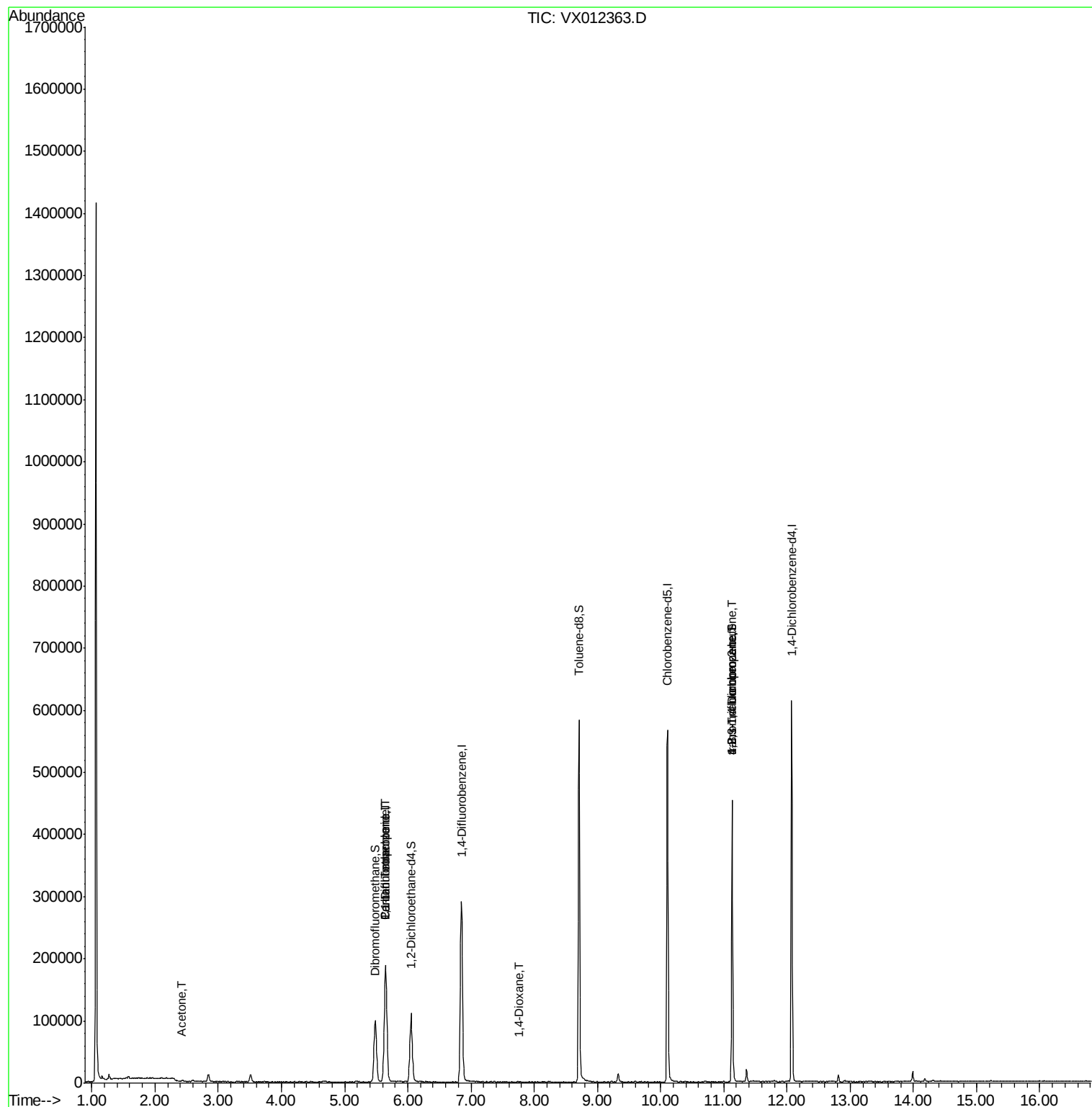
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	290	Below Cal	#	18
11) Tert butyl alcohol	3.02	59	379	Below Cal	#	65
16) Acetone	2.43	43	1200	2.178	ug/l	97
36) 1,1-Dichloropropene	5.64	75	14529	7.158	ug/l #	43
38) Carbon Tetrachloride	5.65	117	18715	7.859	ug/l #	15
49) 1,4-Dioxane	7.76	88	31	1.814	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	67450	45.374	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	67450	135.951	ug/l #	6

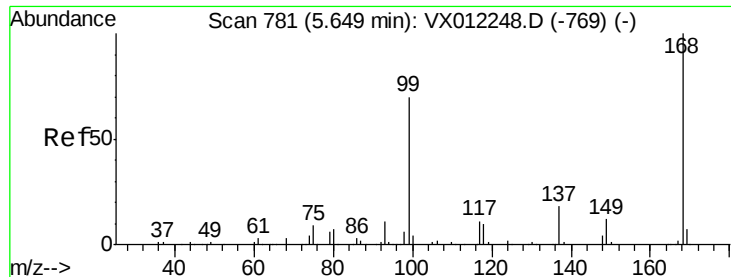
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-18-6.5-7.0

Quant Time: Sep 13 02:02:45 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: VX012363.D

Acq: 12 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

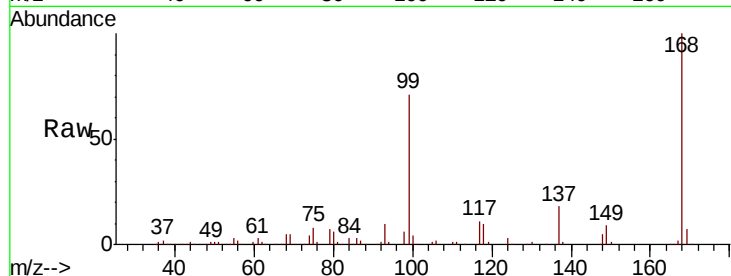
SB-18-6.5-7.0

Tgt Ion: 168 Resp: 164596

Ion Ratio Lower Upper

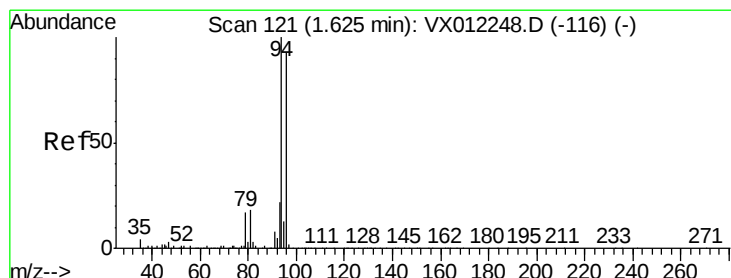
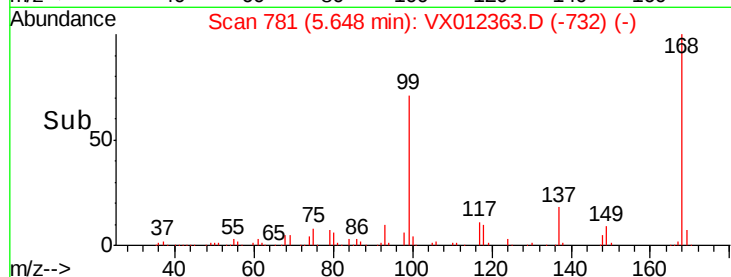
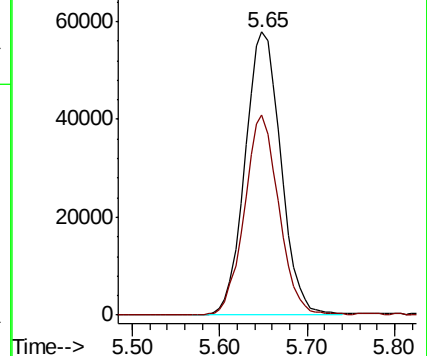
168 100

99 70.5 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: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012363.D

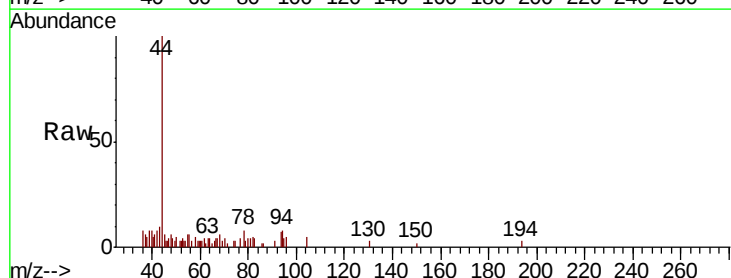
Acq: 12 Sep 2019 22:35

Tgt Ion: 94 Resp: 290

Ion Ratio Lower Upper

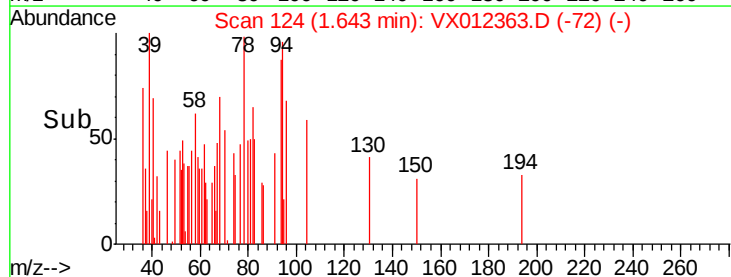
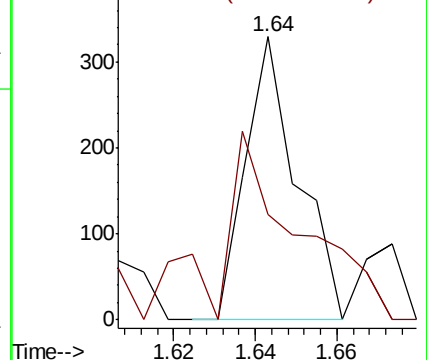
94 100

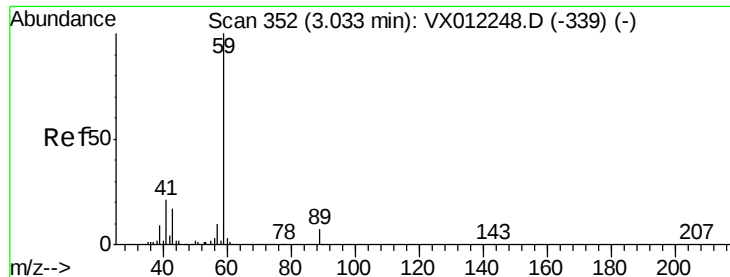
96 13.7 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

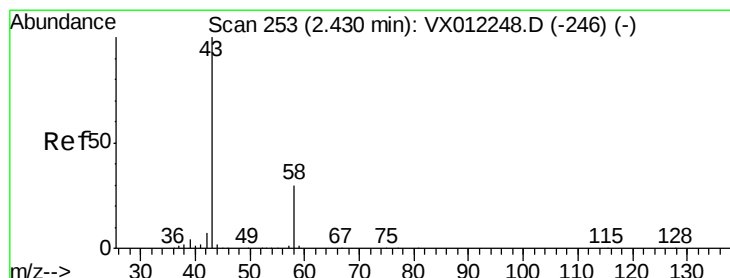
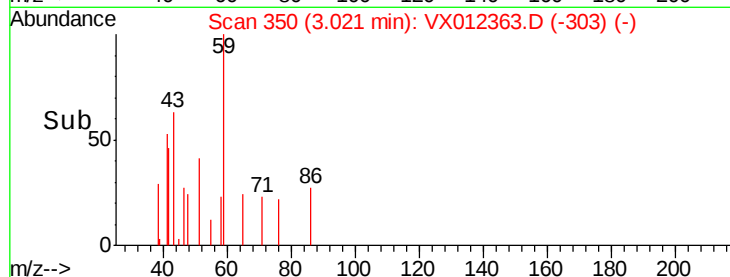
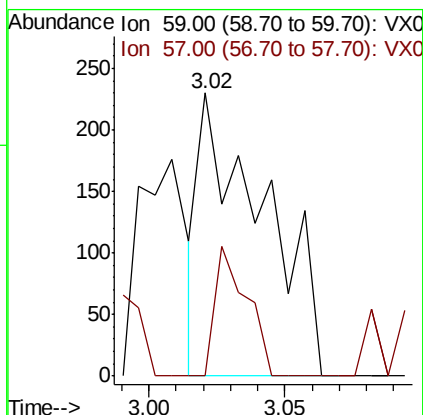
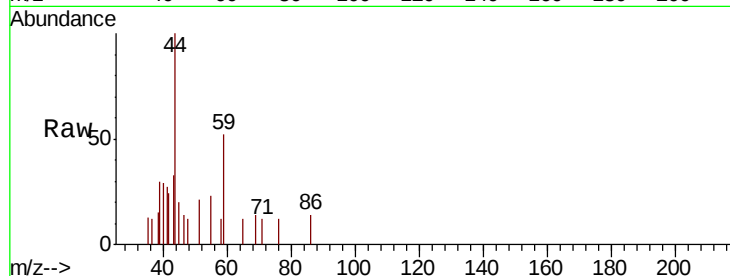




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012363.D
Acq: 12 Sep 2019 22:35

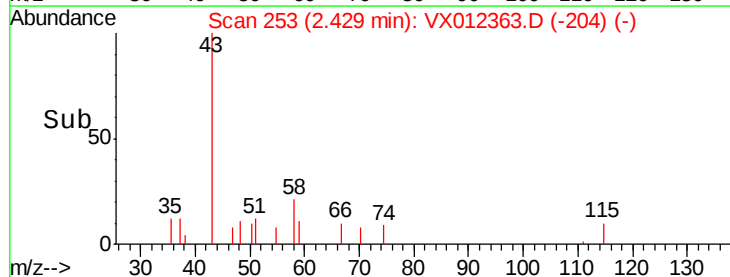
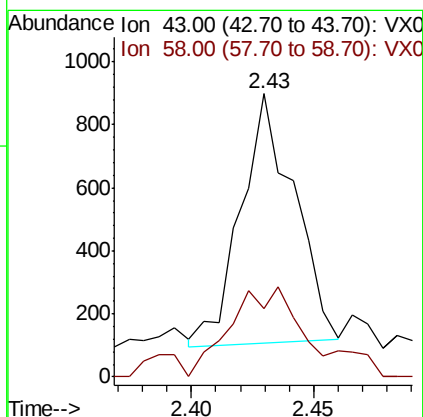
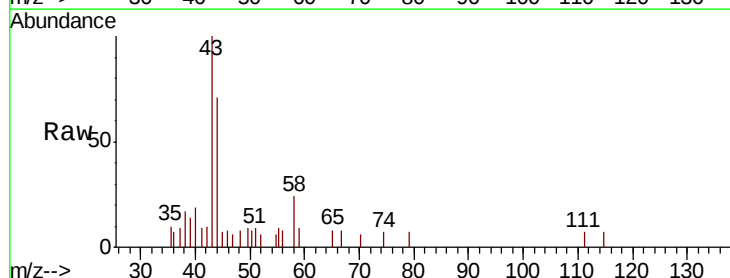
Instrument :
MSVOA_X
ClientSampled :
SB-18-6.5-7.0

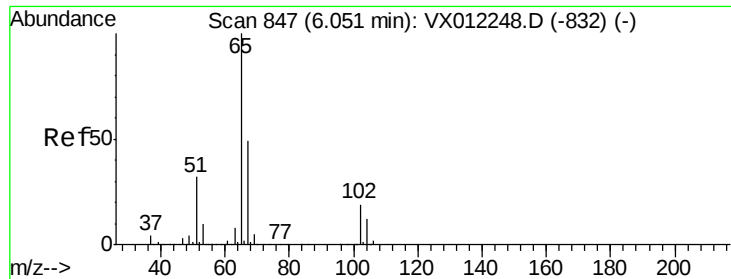
Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 22.4 7.8 11.6#



#16
Acetone
Concen: 2.178 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012363.D
Acq: 12 Sep 2019 22:35

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 27.9 23.6 35.4





#33

1,2-Dichloroethane-d4

Concen: 46.271 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012363.D

Acq: 12 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

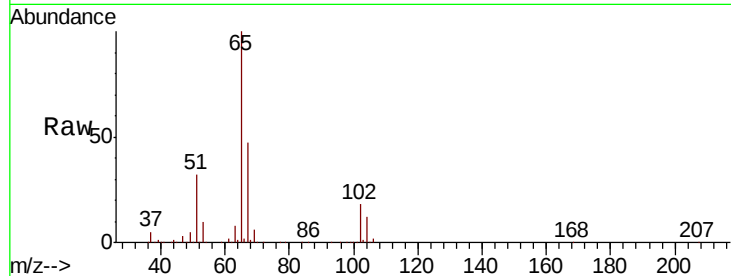
SB-18-6.5-7.0

Tgt Ion: 65 Resp: 107676

Ion Ratio Lower Upper

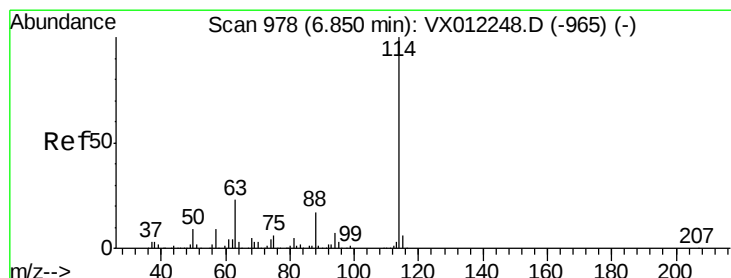
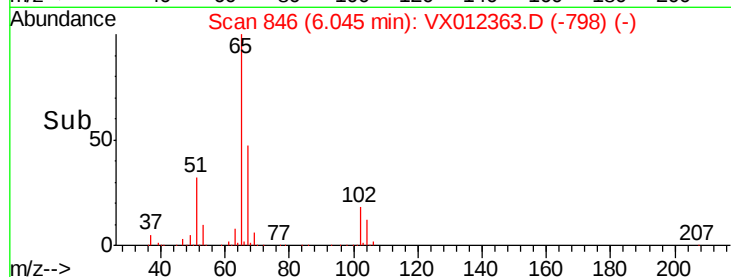
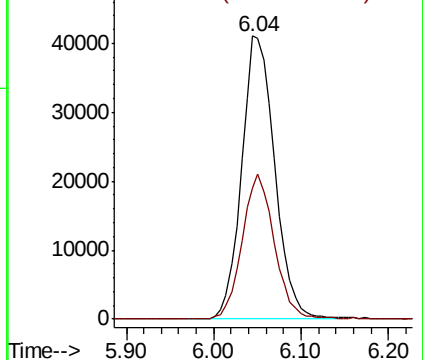
65 100

67 49.8 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: VX012363.D

Acq: 12 Sep 2019 22:35

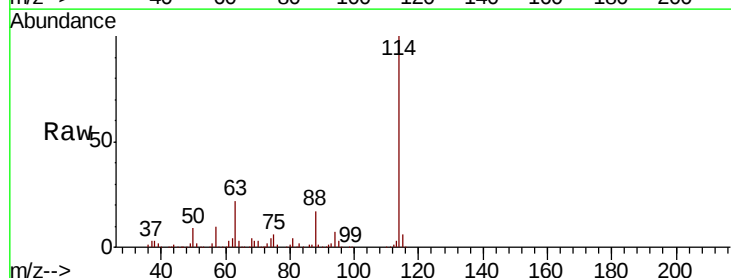
Tgt Ion: 114 Resp: 278348

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.2

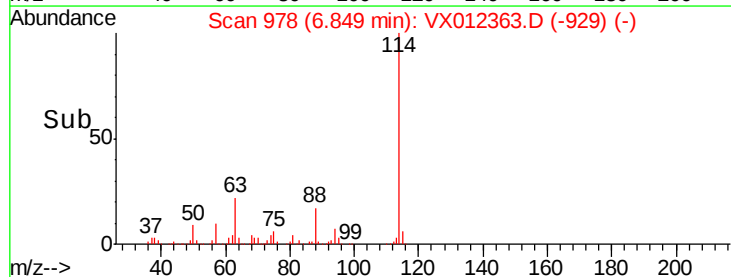
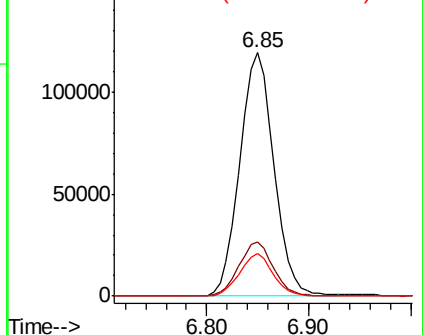
88 17.4 0.0 34.8

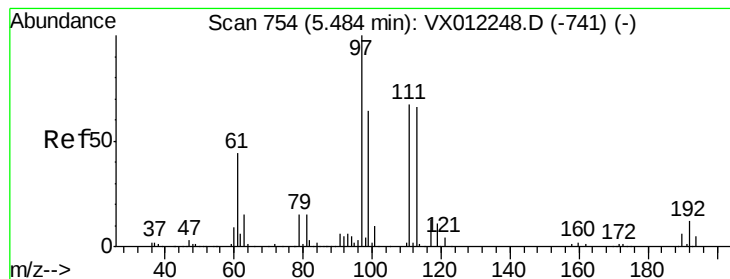


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.267 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012363.D

Acq: 12 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

SB-18-6.5-7.0

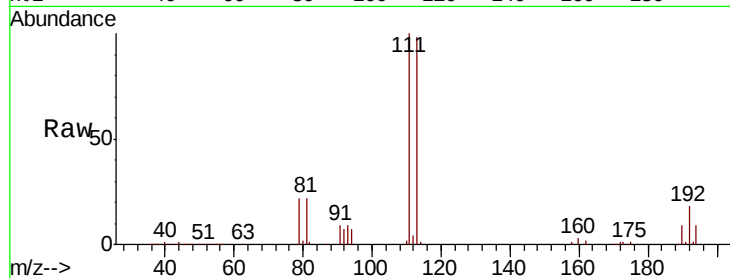
Tgt Ion:113 Resp: 84340

Ion Ratio Lower Upper

113 100

111 100.2 83.0 124.6

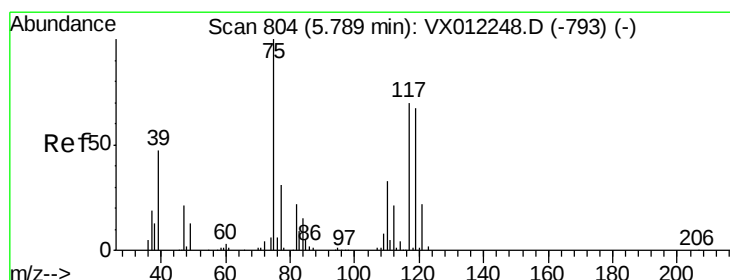
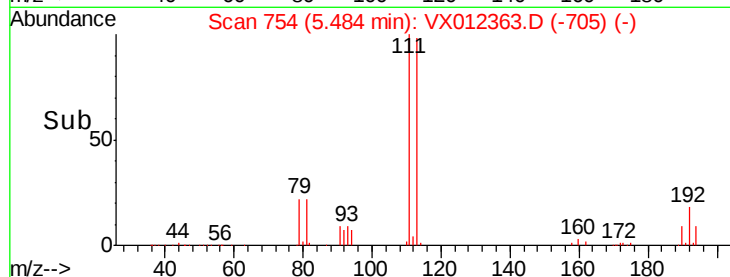
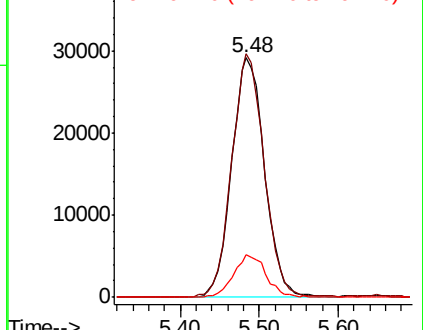
192 17.6 14.3 21.5



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: 7.158 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012363.D

Acq: 12 Sep 2019 22:35

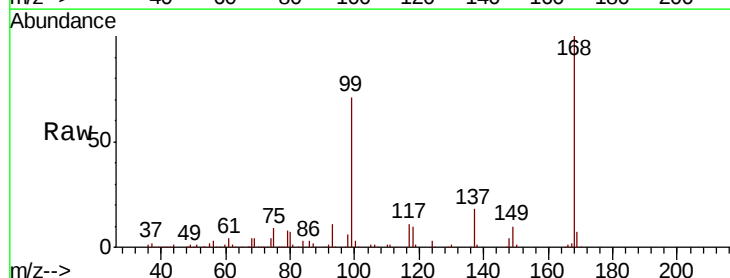
Tgt Ion: 75 Resp: 14529

Ion Ratio Lower Upper

75 100

110 0.0 16.8 50.4#

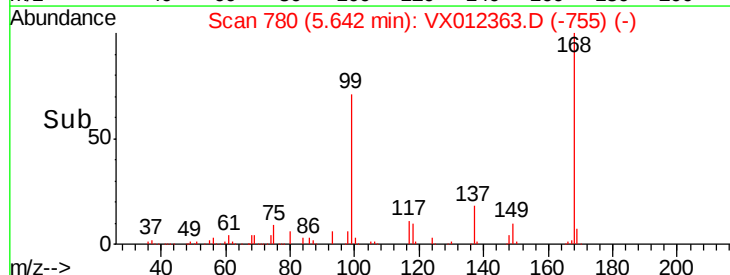
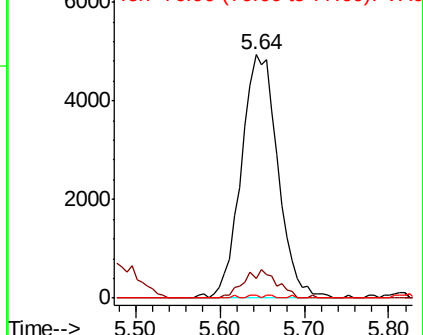
77 0.3 24.5 36.7#

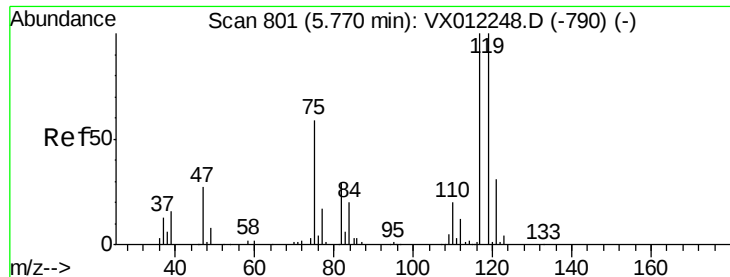


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.859 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012363.D

Acq: 12 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

SB-18-6.5-7.0

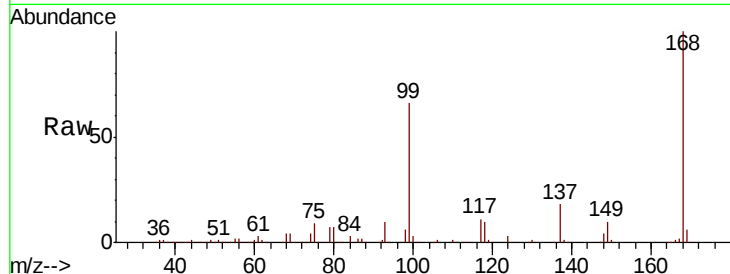
Tgt Ion:117 Resp: 18715

Ion Ratio Lower Upper

117 100

119 5.6 79.6 119.4#

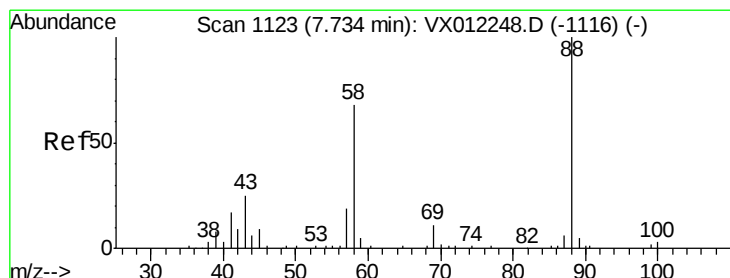
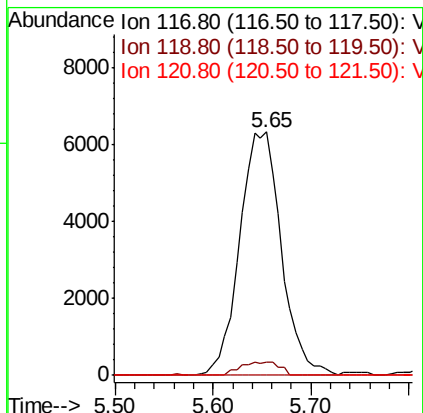
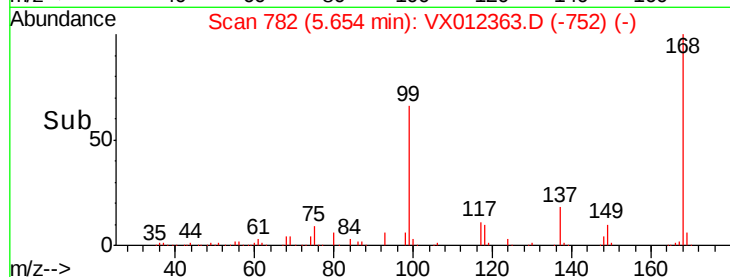
121 0.0 24.7 37.1#



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: 1.814 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.03 min

Lab File: VX012363.D

Acq: 12 Sep 2019 22:35

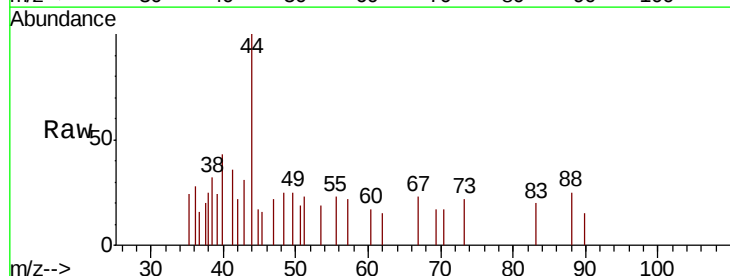
Tgt Ion: 88 Resp: 31

Ion Ratio Lower Upper

88 100

43 641.9 31.0 46.4#

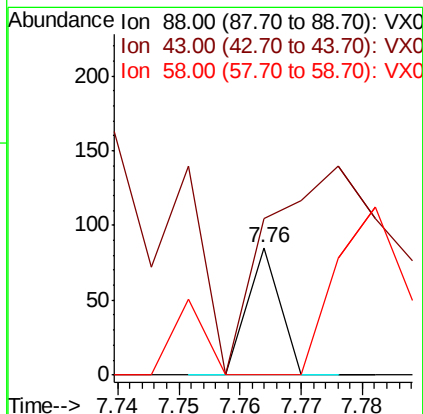
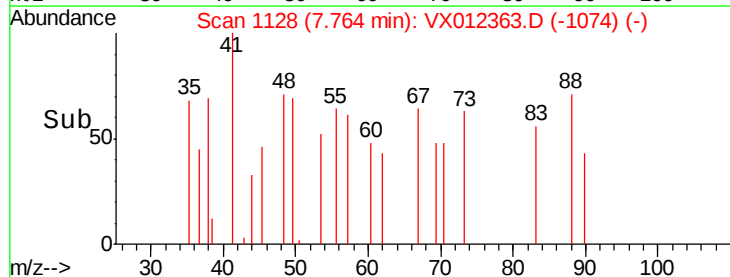
58 283.9 61.5 92.3#

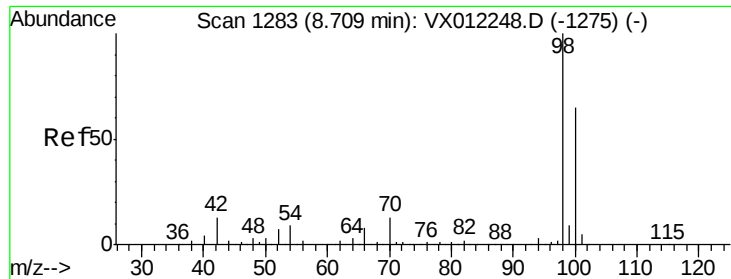


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

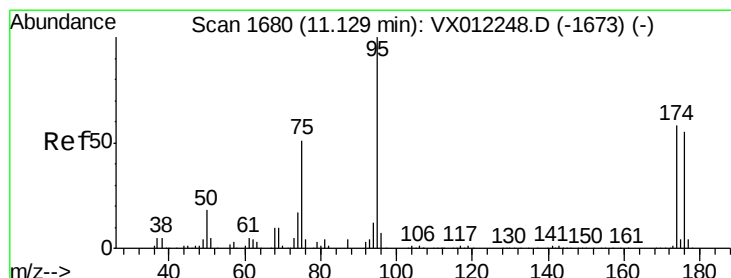
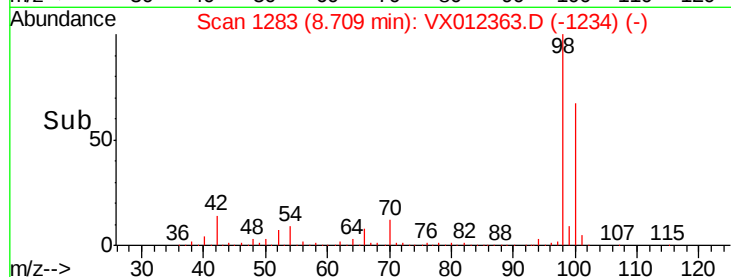
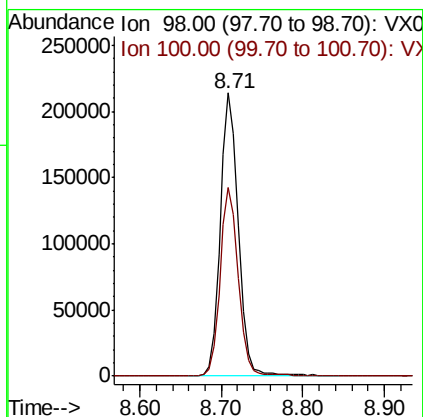
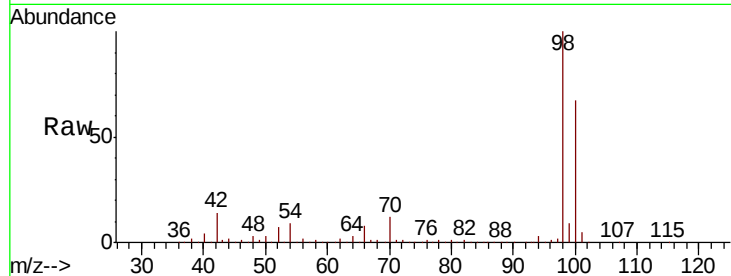




#50
Toluene-d8
Concen: 52.983 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012363.D
Acq: 12 Sep 2019 22:35

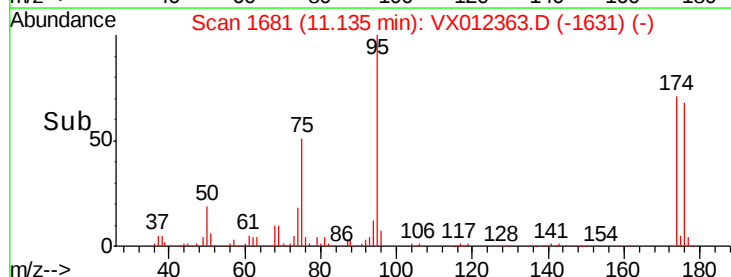
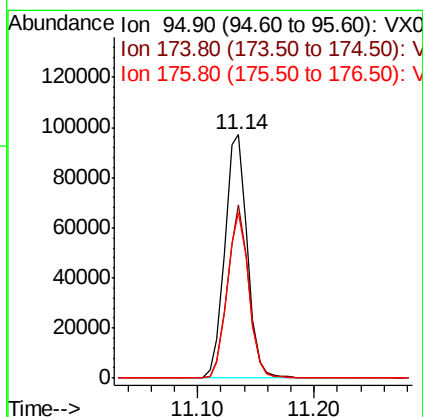
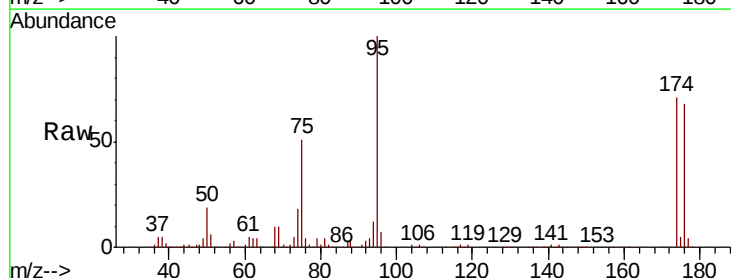
Instrument :
MSVOA_X
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SB-18-6.5-7.0

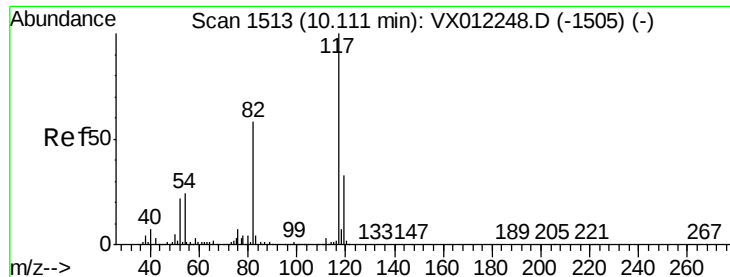
Tgt Ion: 98 Resp: 331584
Ion Ratio Lower Upper
98 100
100 67.3 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 44.595 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012363.D
Acq: 12 Sep 2019 22:35

Tgt Ion: 95 Resp: 129385
Ion Ratio Lower Upper
95 100
174 67.8 0.0 127.0
176 65.9 0.0 125.8

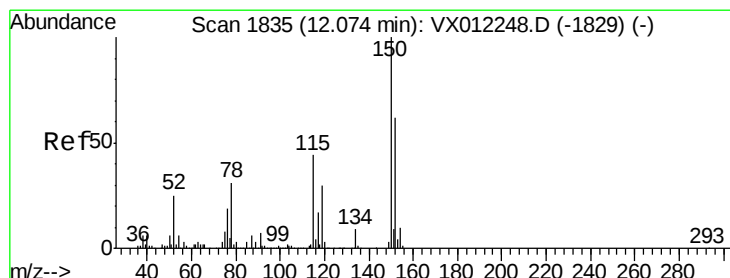
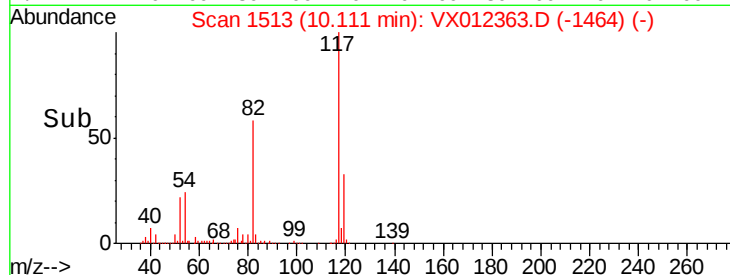
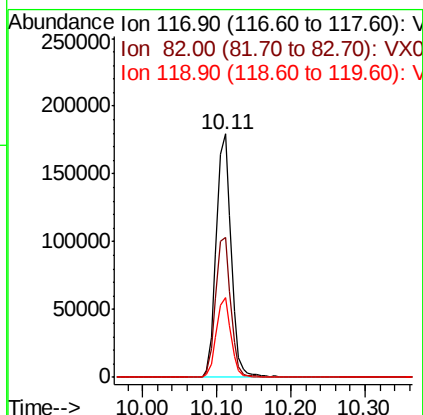
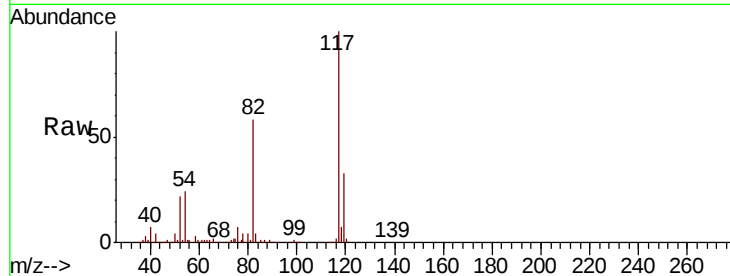




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012363.D
Acq: 12 Sep 2019 22:35

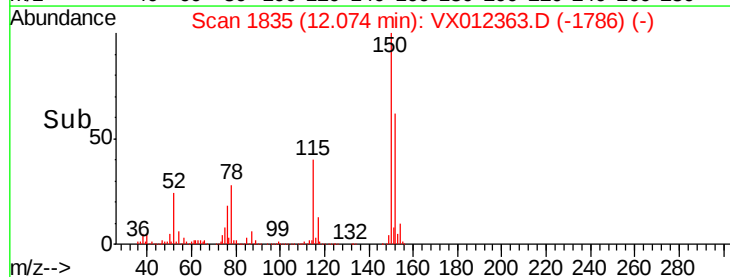
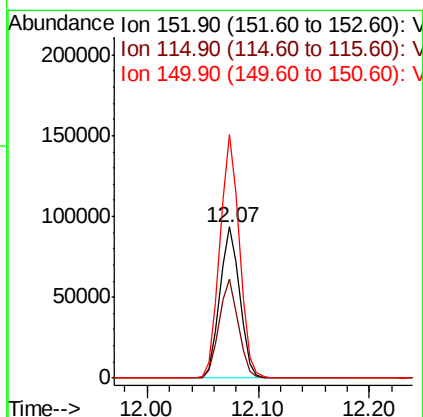
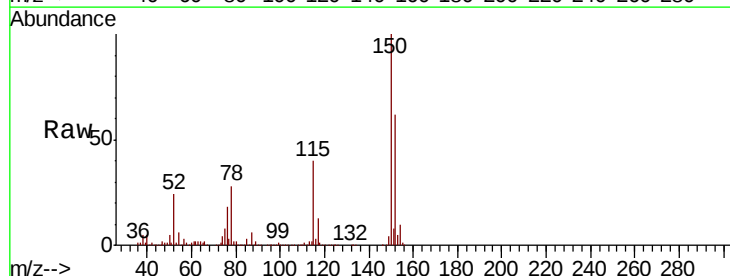
Instrument :
MSVOA_X
ClientSampleId :
SB-18-6.5-7.0

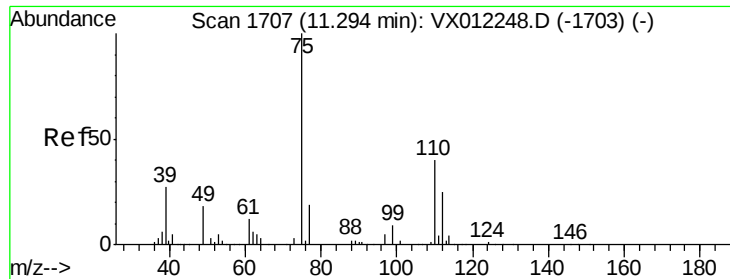
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	32.9	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012363.D
Acq: 12 Sep 2019 22:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	45.5	136.4
150	158.3	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 45.374 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012363.D

Acq: 12 Sep 2019 22:35

Instrument :

MSVOA_X

ClientSampleId :

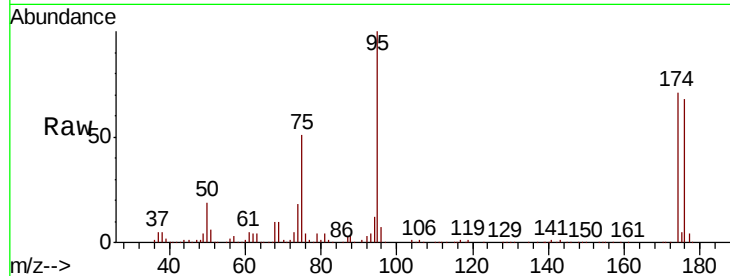
SB-18-6.5-7.0

Tgt Ion: 75 Resp: 67450

Ion Ratio Lower Upper

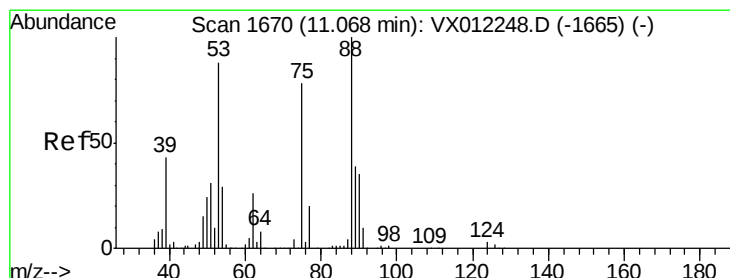
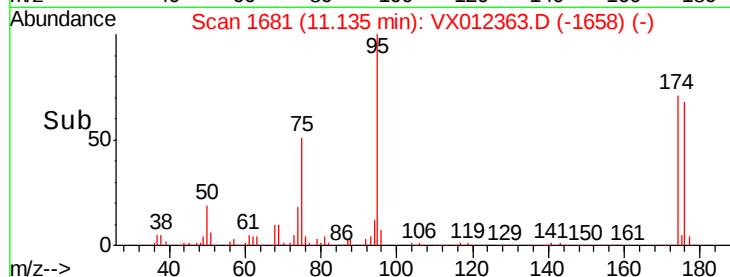
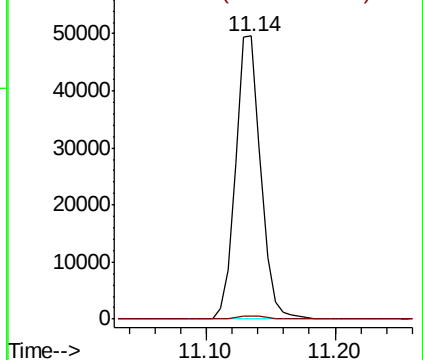
75 100

77 1.4 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: 135.951 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012363.D

Acq: 12 Sep 2019 22:35

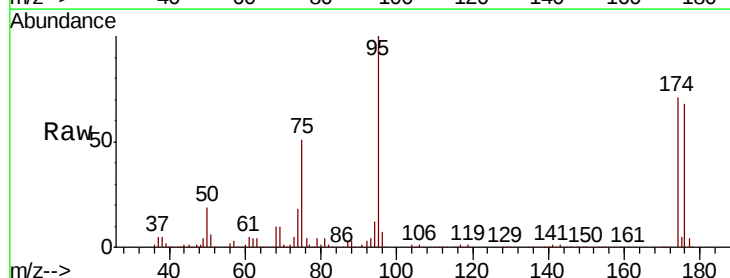
Tgt Ion: 75 Resp: 67450

Ion Ratio Lower Upper

75 100

53 0.3 88.1 132.1#

89 0.2 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

