

Data File : VX012170.D
Acq On : 07 Sep 2019 10:30
Operator : SY/SP
Sample : VX0907SBL01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL01

Quant Time: Sep 08 07:39:34 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	5.64	168	152655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	265158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112659	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	102063	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	5.48	113	82766	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	319452	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	11.13	95	132823	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

Target Compounds

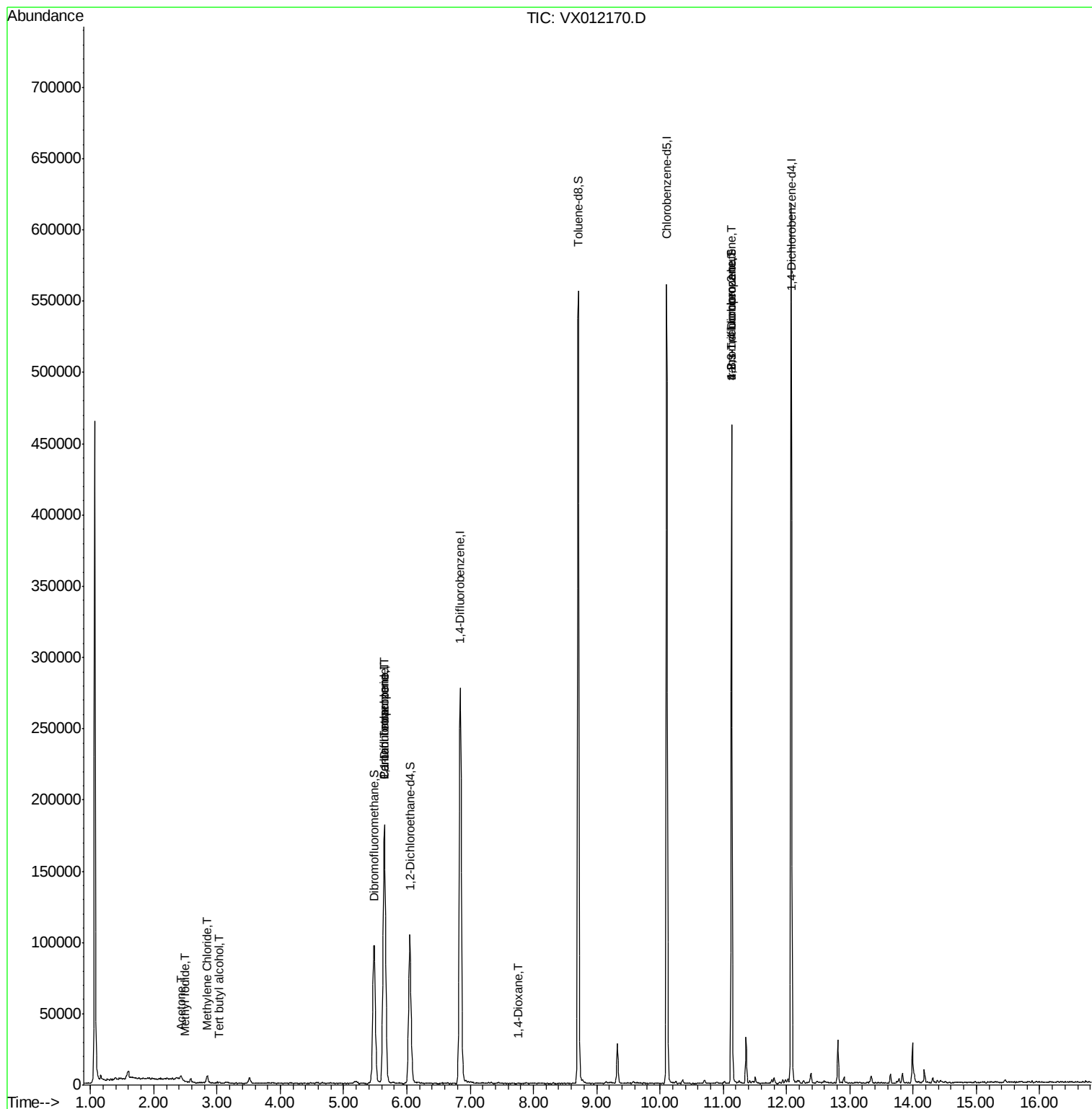
						Qvalue
10) Methyl Iodide	2.50	142	543	7.284	ug/l #	75
11) Tert butyl alcohol	3.02	59	555	2.743	ug/l #	92
13) Acrolein	2.25	56	500	Below Cal	#	21
16) Acetone	2.42	43	2528	5.021	ug/l	92
20) Methylene Chloride	2.84	84	2330	1.152	ug/l	94
36) 1,1-Dichloropropene	5.64	75	13902	5.953	ug/l #	49
38) Carbon Tetrachloride	5.64	117	18414	7.483	ug/l #	16
49) 1,4-Dioxane	7.76	88	23	1.299	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	69481	50.476	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	69481	119.333	ug/l #	10

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

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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: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012170.D

Acq: 07 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

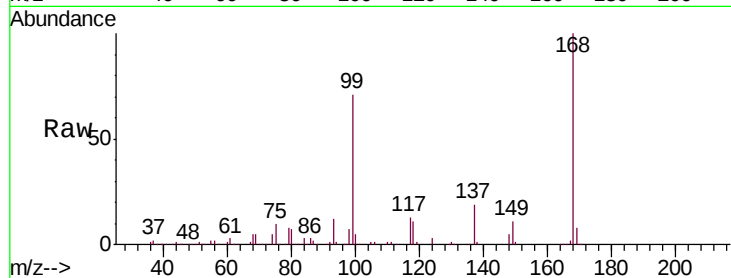
VX0907SBL01

Tgt Ion:168 Resp: 152655

Ion Ratio Lower Upper

168 100

99 71.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

30000

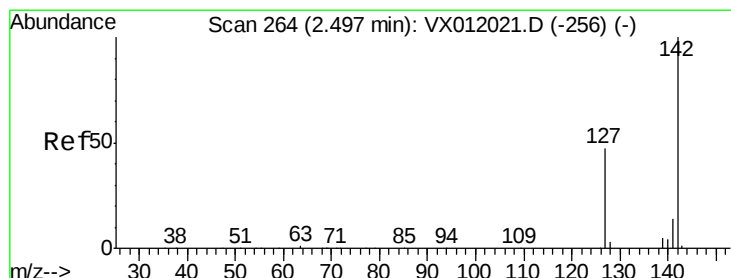
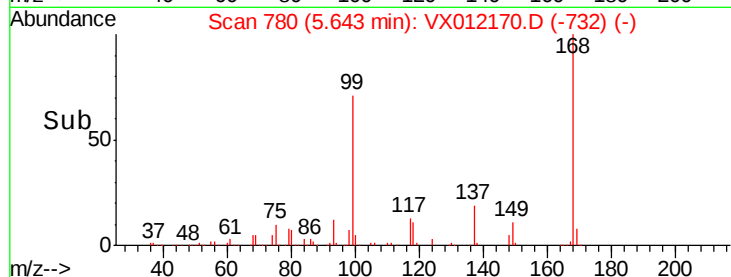
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 7.284 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012170.D

Acq: 07 Sep 2019 10:30

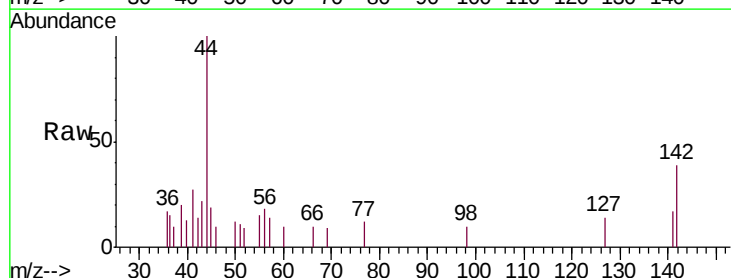
Tgt Ion:142 Resp: 543

Ion Ratio Lower Upper

142 100

127 24.7 35.4 53.2#

141 17.9 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

2.50

300

250

200

150

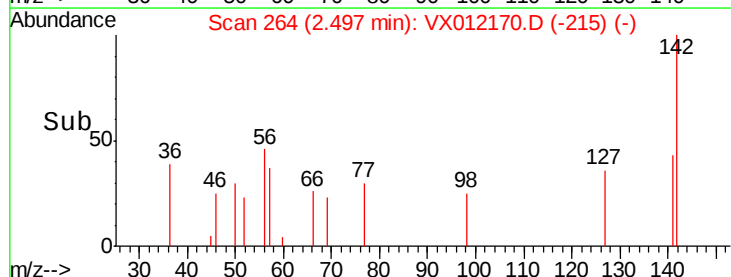
100

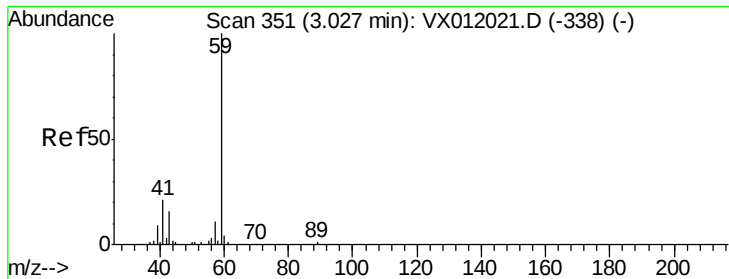
50

0

Time-->

2.45 2.50 2.55

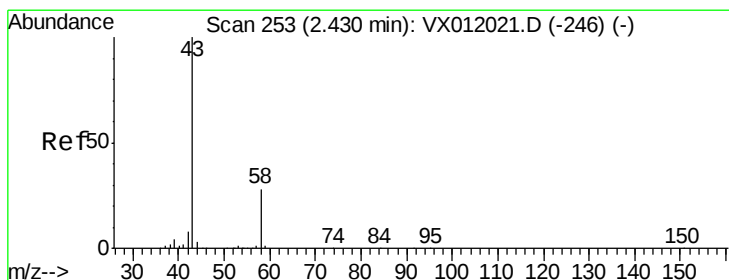
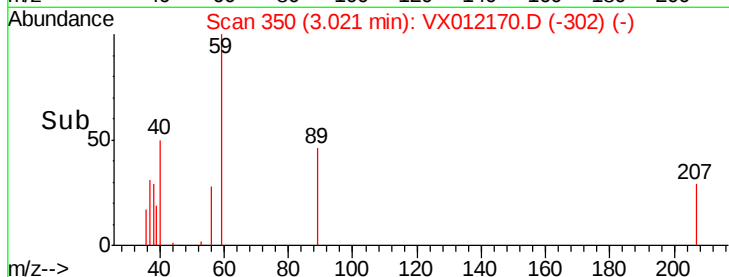
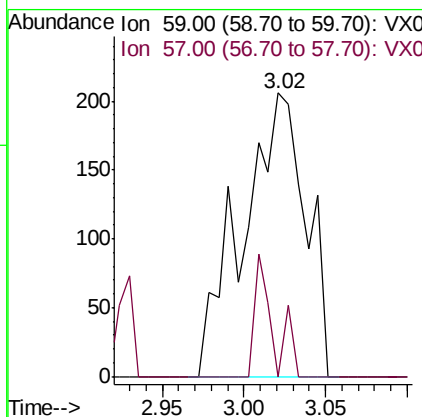
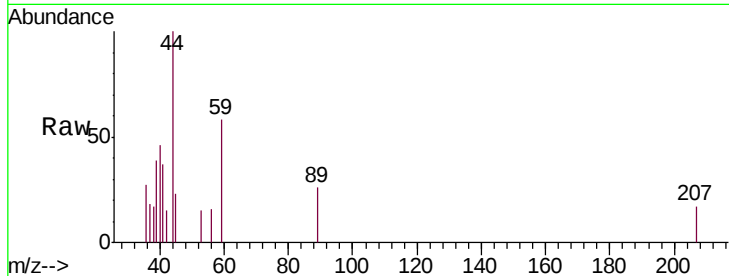




#11
Tert butyl alcohol
Concen: 2.743 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012170.D
Acq: 07 Sep 2019 10:30

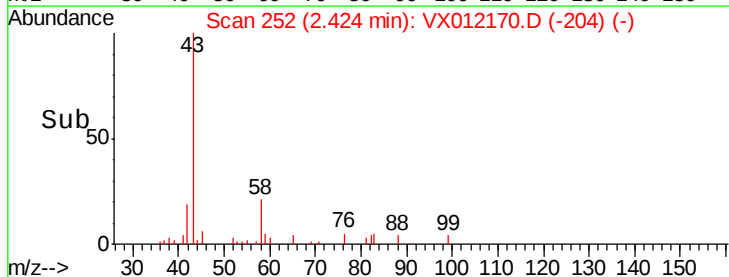
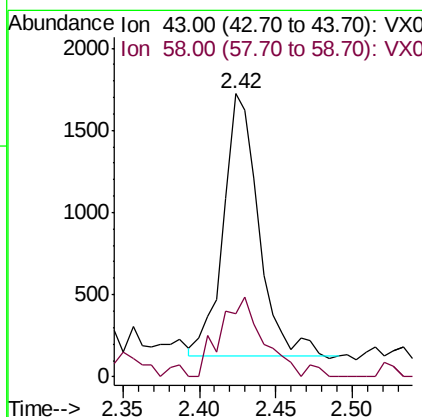
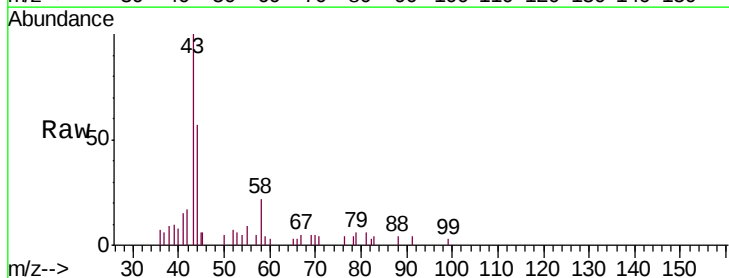
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL01

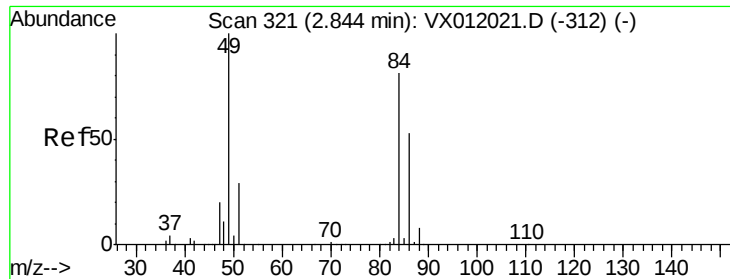
Tgt Ion: 59 Resp: 555
Ion Ratio Lower Upper
59 100
57 12.8 7.9 11.9#



#16
Acetone
Concen: 5.021 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX012170.D
Acq: 07 Sep 2019 10:30

Tgt Ion: 43 Resp: 2528
Ion Ratio Lower Upper
43 100
58 24.3 22.8 34.2

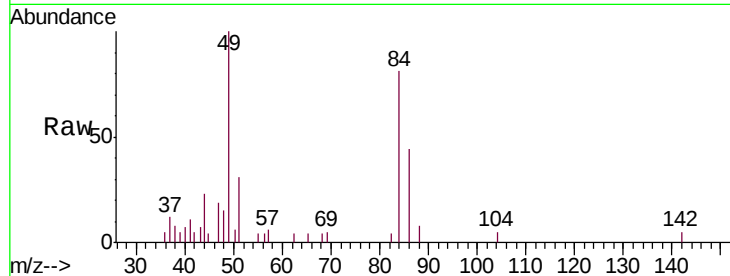




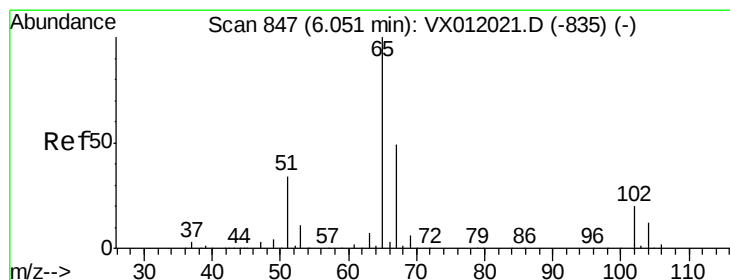
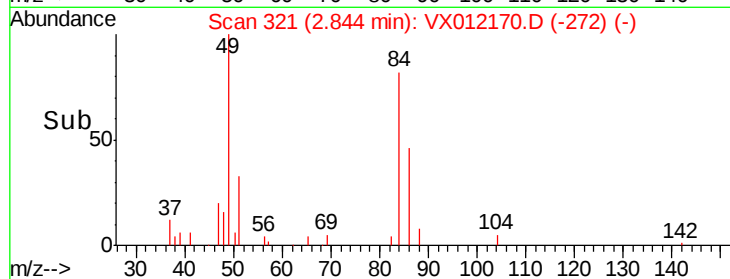
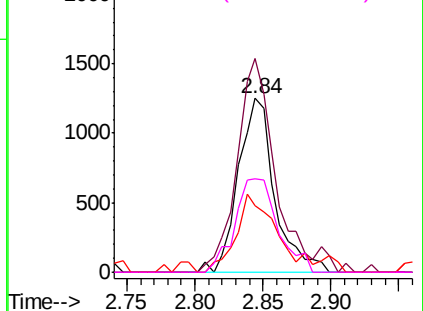
#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012170.D
Acq: 07 Sep 2019 10:30

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL01

Tgt Ion:	84	Resp:	2330
Ion	Ratio	Lower	Upper
84	100		
49	122.9	95.8	143.8
51	32.2	28.6	43.0
86	53.7	50.9	76.3

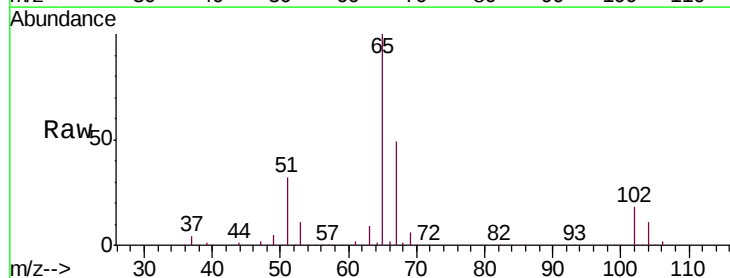


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

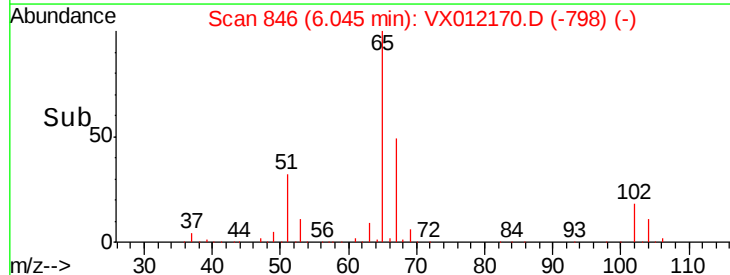
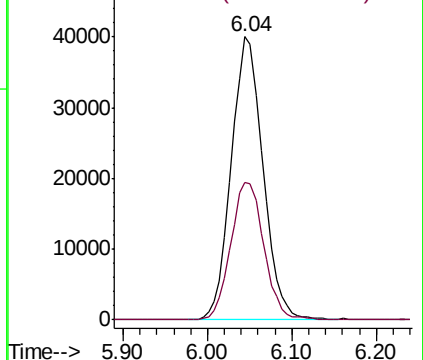


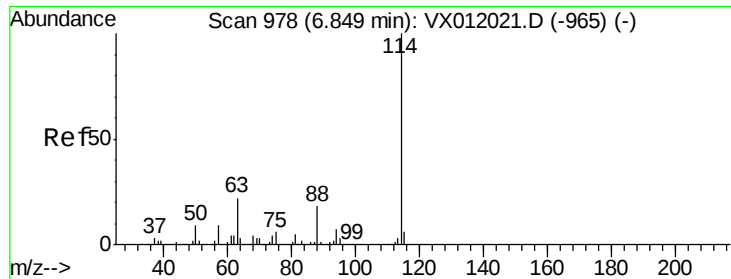
#33
1,2-Dichloroethane-d4
Concen: 48.455 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012170.D
Acq: 07 Sep 2019 10:30

Tgt Ion:	65	Resp:	102063
Ion	Ratio	Lower	Upper
65	100		
67	50.7	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: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012170.D

Acq: 07 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBL01

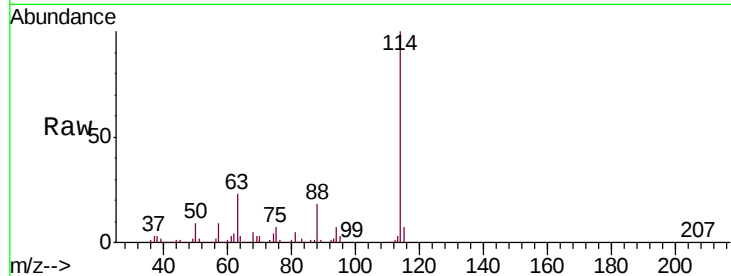
Tgt Ion:114 Resp: 265158

Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.4

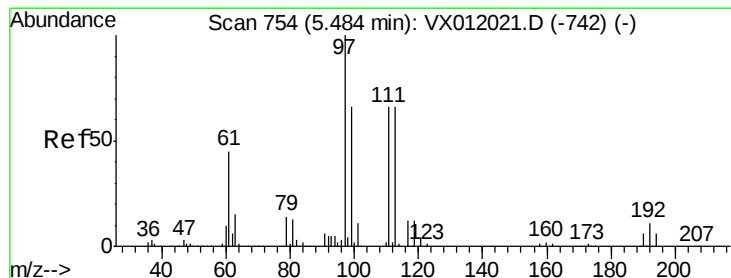
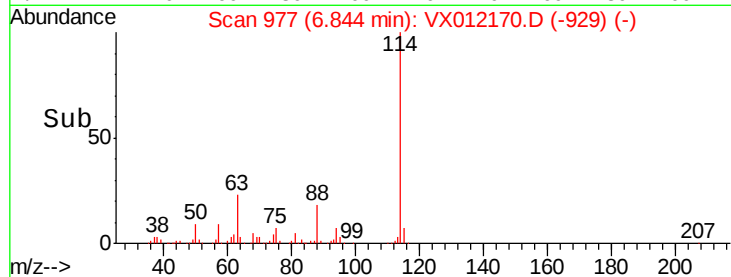
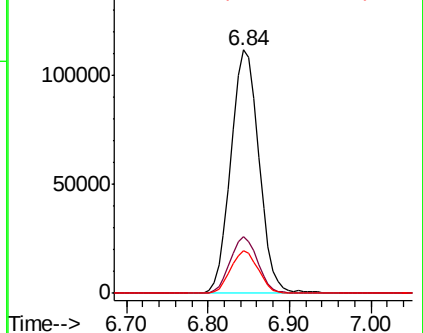
88 17.7 0.0 29.6



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: 50.757 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012170.D

Acq: 07 Sep 2019 10:30

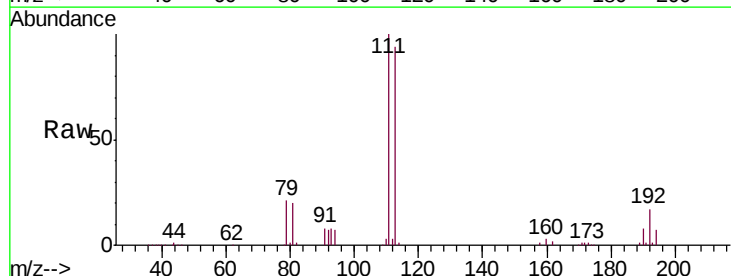
Tgt Ion:113 Resp: 82766

Ion Ratio Lower Upper

113 100

111 103.1 81.7 122.5

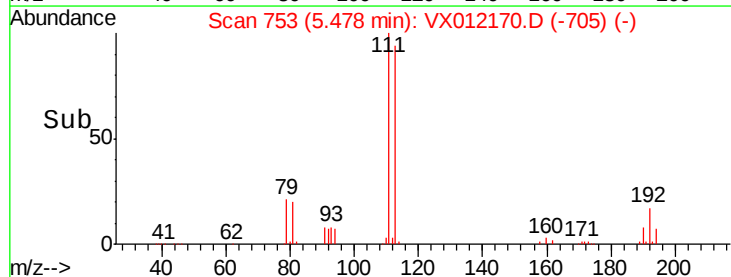
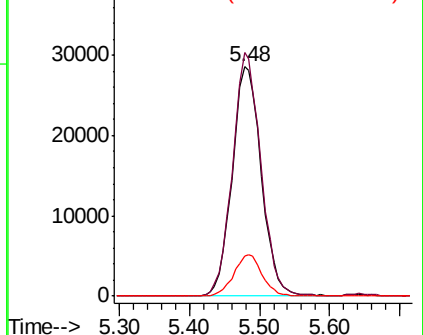
192 17.6 22.5 33.7#

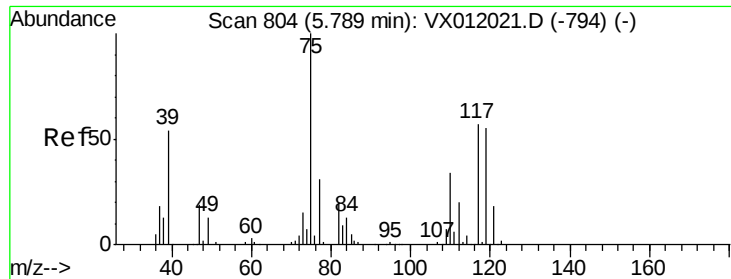


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

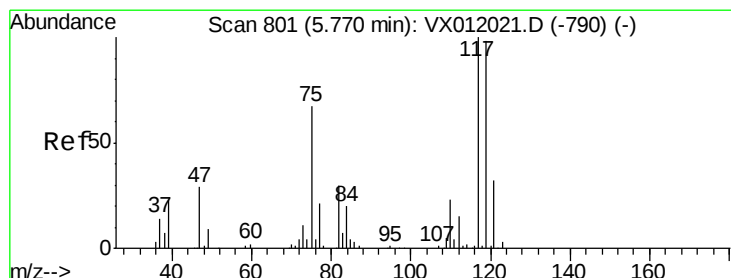
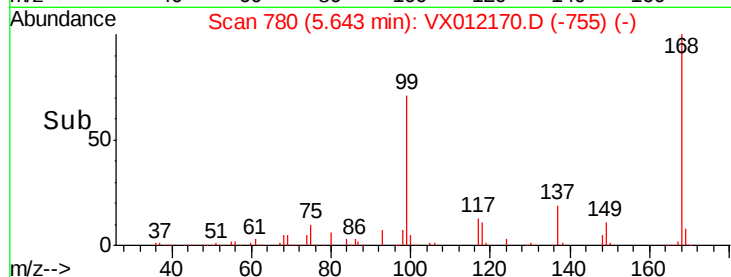
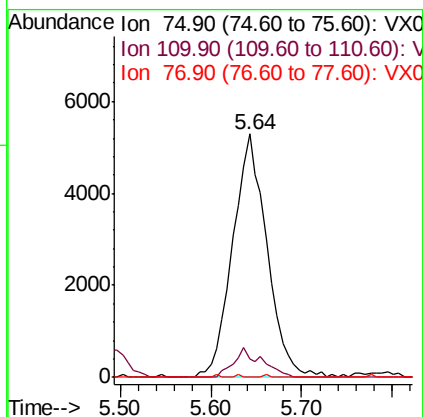
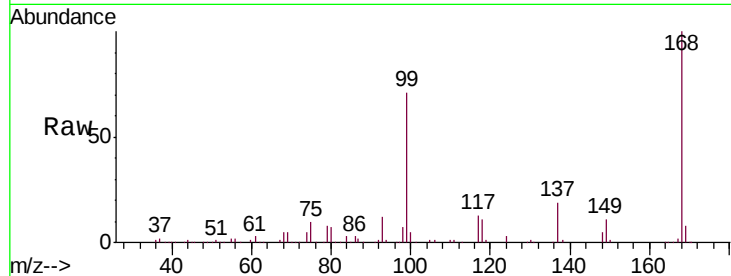




#36
 1,1-Dichloropropene
 Concen: 5.953 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012170.D
 Acq: 07 Sep 2019 10:30

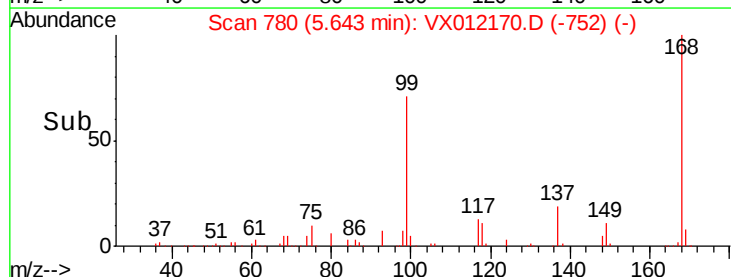
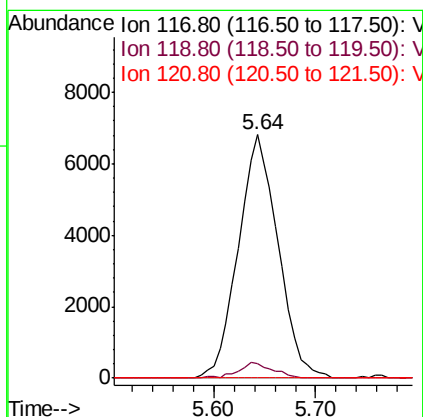
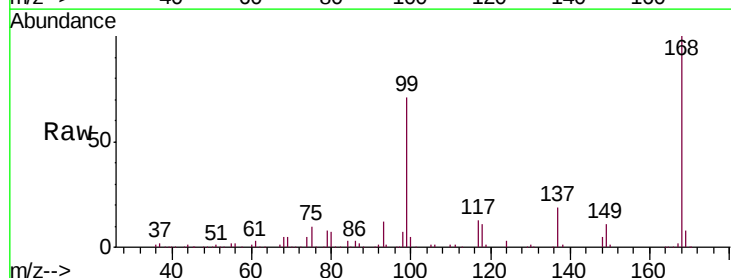
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBL01

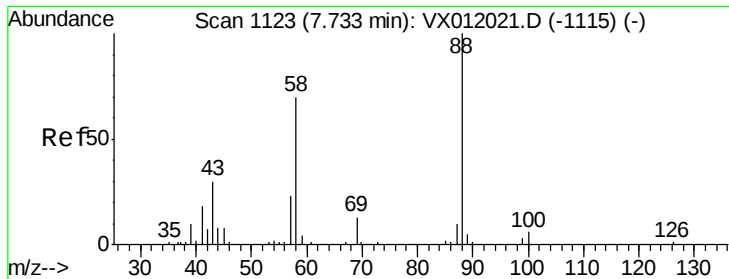
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.5	58.5#
77	0.2	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 7.483 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012170.D
 Acq: 07 Sep 2019 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	78.3	117.5#
121	0.0	24.2	36.2#





#49

1,4-Dioxane

Concen: 1.299 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.04 min

Lab File: VX012170.D

Acq: 07 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBL01

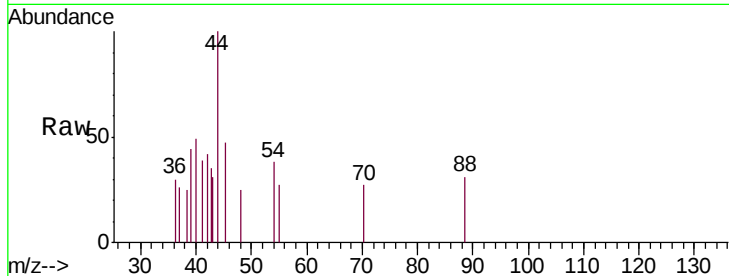
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 1178.3 29.8 44.6#

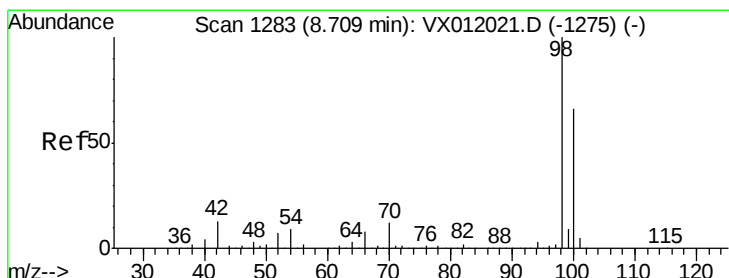
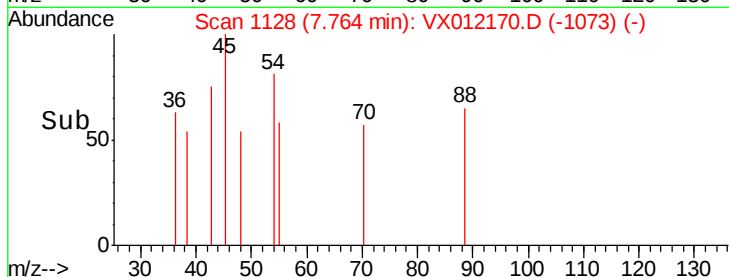
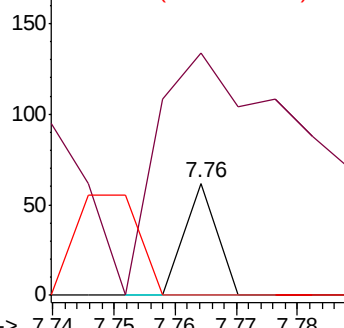
58 173.9 55.4 83.2#



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: 53.387 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012170.D

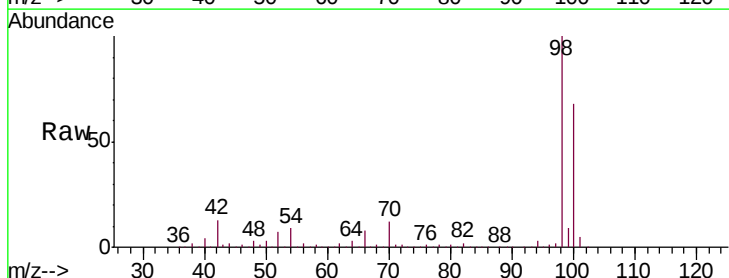
Acq: 07 Sep 2019 10:30

Tgt Ion: 98 Resp: 319452

Ion Ratio Lower Upper

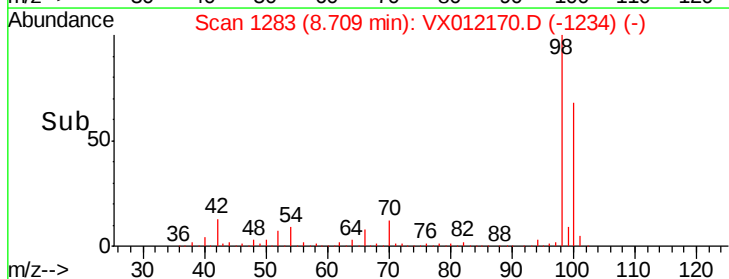
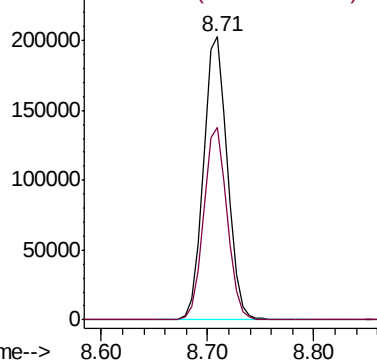
98 100

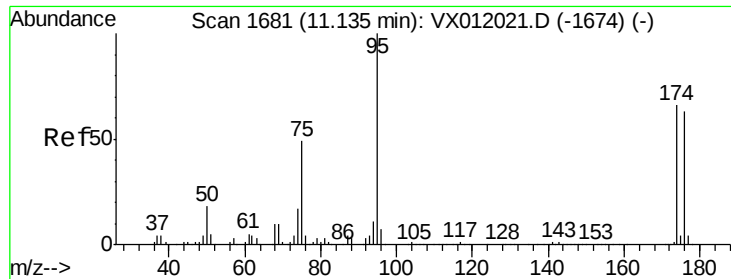
100 67.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

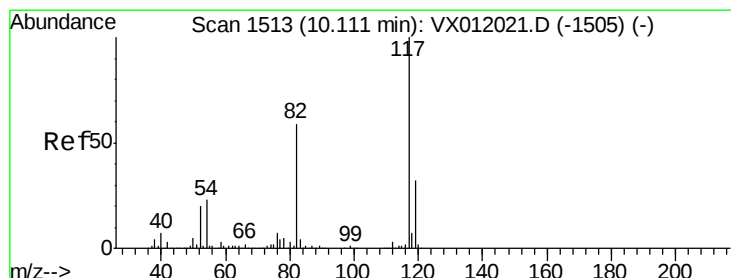
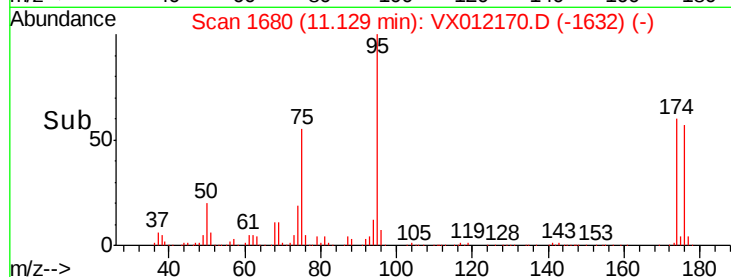
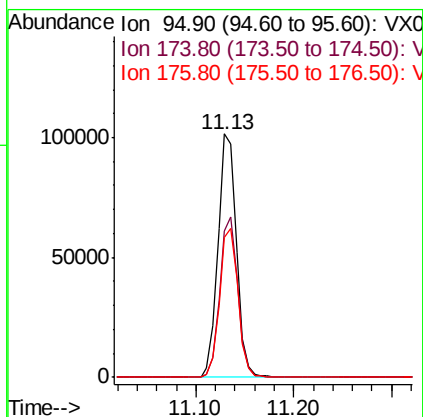
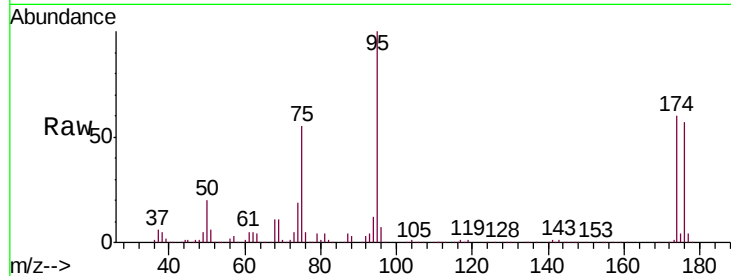




#62
4-Bromofluorobenzene
Concen: 47.730 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012170.D
Acq: 07 Sep 2019 10:30

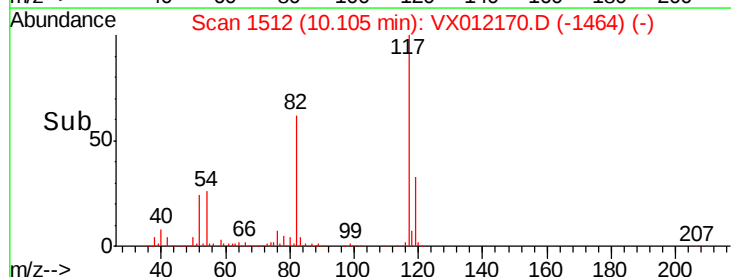
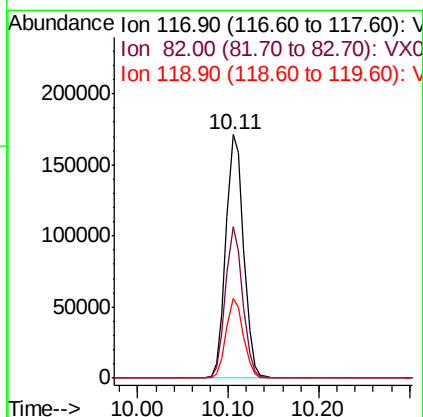
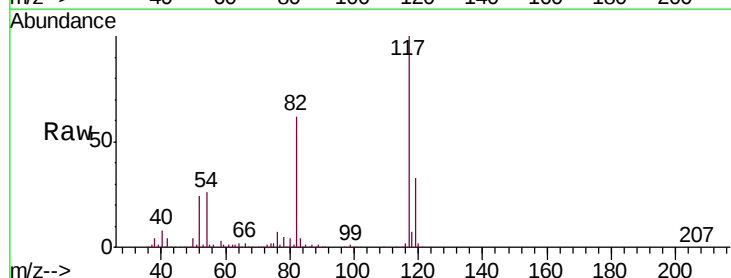
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL01

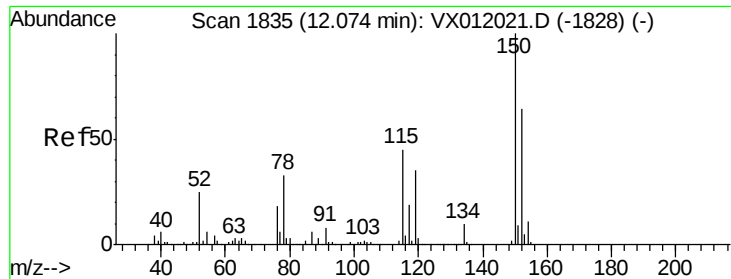
Tgt Ion: 95 Resp: 132823
Ion Ratio Lower Upper
95 100
174 64.1 0.0 205.4
176 60.9 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012170.D
Acq: 07 Sep 2019 10:30

Tgt Ion: 117 Resp: 234327
Ion Ratio Lower Upper
117 100
82 62.0 39.4 59.0#
119 32.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012170.D

Acq: 07 Sep 2019 10:30

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBL01

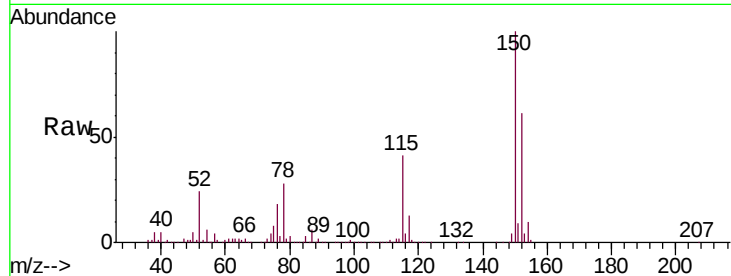
Tgt Ion:152 Resp: 112659

Ion Ratio Lower Upper

152 100

115 66.2 36.4 109.3

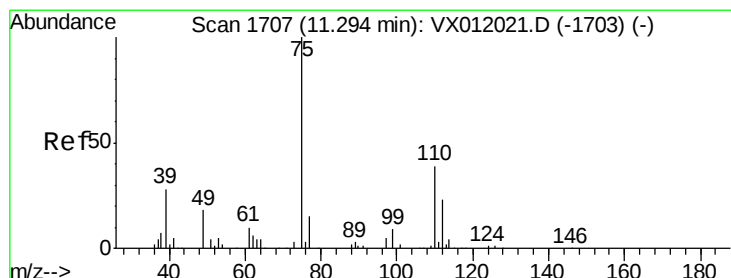
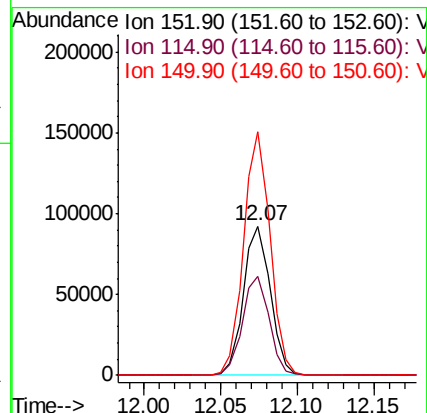
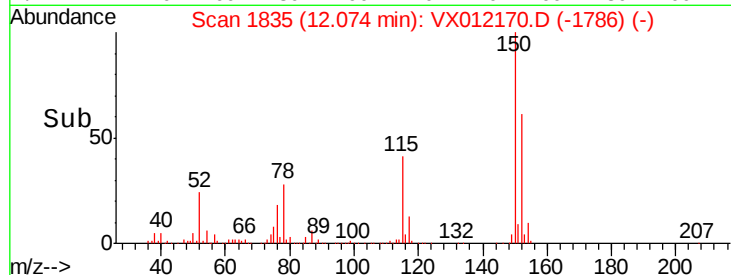
150 160.5 0.0 341.2



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: 50.476 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012170.D

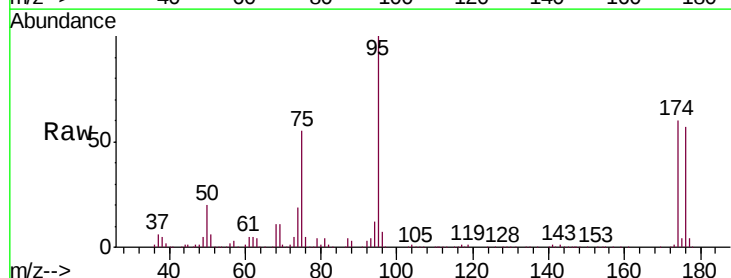
Acq: 07 Sep 2019 10:30

Tgt Ion: 75 Resp: 69481

Ion Ratio Lower Upper

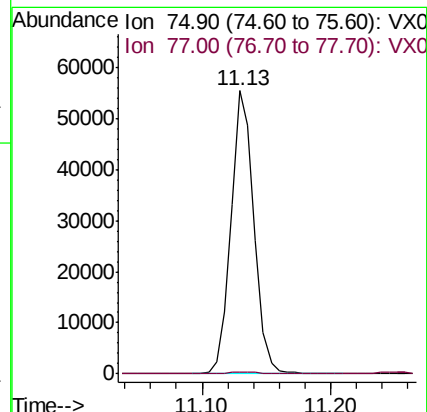
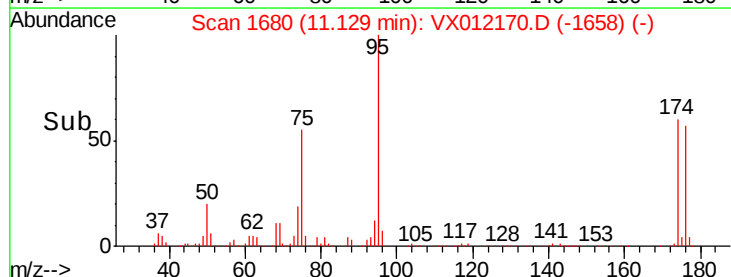
75 100

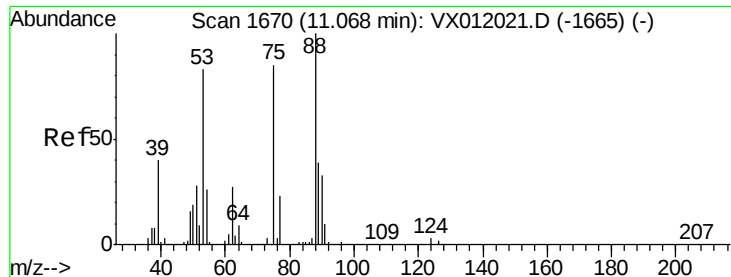
77 1.1 23.5 70.5#



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: 119.333 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012170.D
 Acq: 07 Sep 2019 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBL01

Tgt Ion: 75 Resp: 69481
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.6 117.8#
 89 0.1 38.8 58.2#

