

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
 Data File : VX007019.D
 Acq On : 11 Jan 2019 17:43
 Operator : JC/SP
 Sample : K1134-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8TB01-190110

Quant Time: Jan 11 22:20:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	567888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	874089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	817616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	399556	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	304473	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
35) Dibromofluoromethane	5.50	113	270935	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	1051611	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	378481	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	

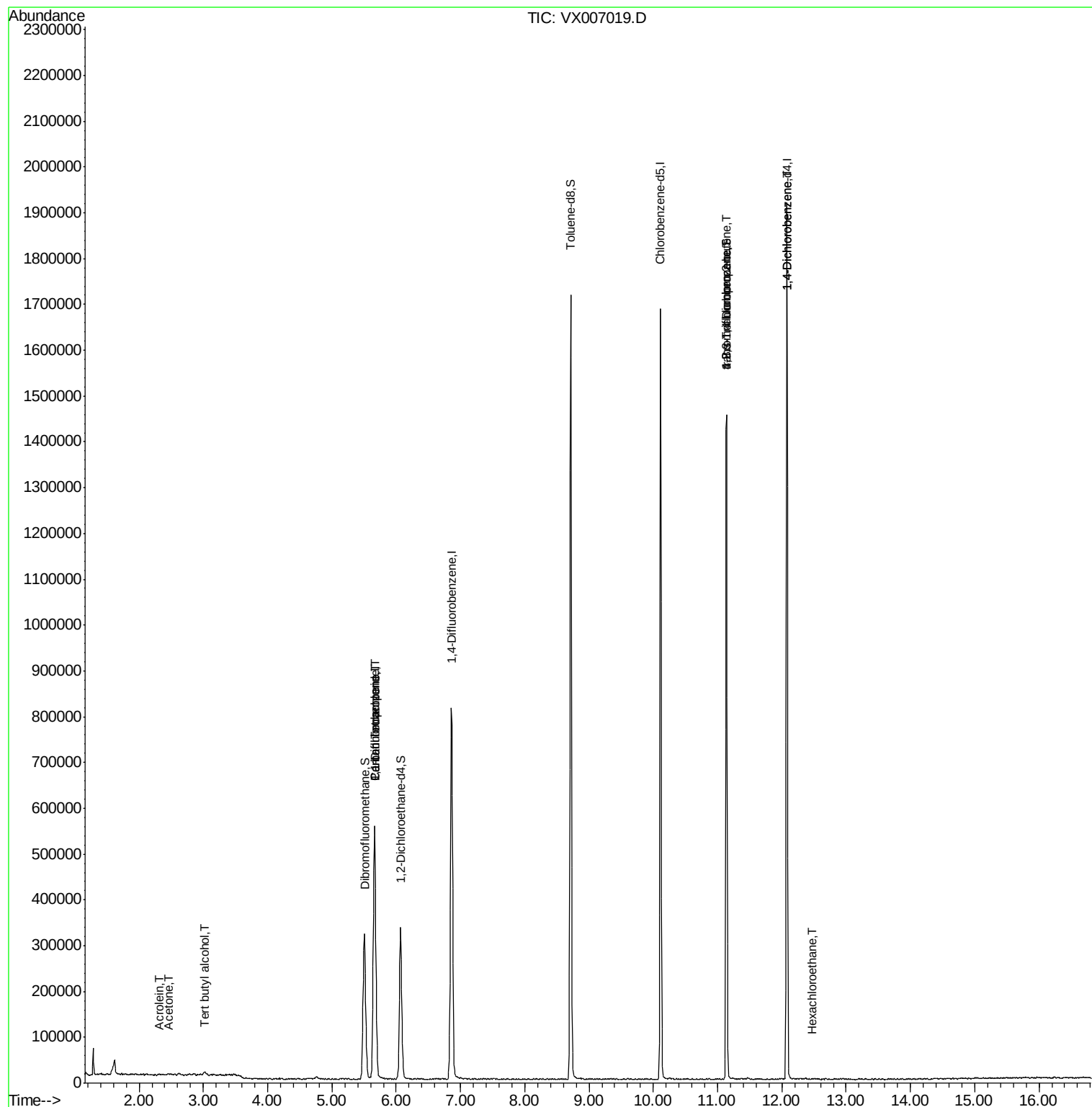
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	5305	3.789	ug/l #	85
13) Acrolein	2.31	56	576	4.026	ug/l #	43
16) Acetone	2.45	43	1927	0.657	ug/l #	88
20) Methylene Chloride	2.87	84	1561	Below Cal	#	70
36) 1,1-Dichloropropene	5.66	75	36822	4.845	ug/l #	48
38) Carbon Tetrachloride	5.66	117	51136	6.688	ug/l #	14
49) 1,4-Dioxane	7.74	88	87	Below Cal	#	27
76) 1,2,3-Trichloropropane	11.13	75	179628	22.185	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	179628	65.669	ug/l #	10
88) 1,4-Dichlorobenzene	12.08	146	885	0.211	ug/l #	1
90) Hexachloroethane	12.47	117	64	2.923	ug/l	78

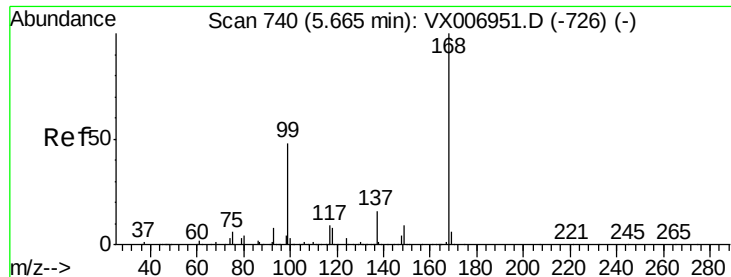
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011119\
Data File : VX007019.D
Acq On : 11 Jan 2019 17:43
Operator : JC/SP
Sample : K1134-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
S8TB01-190110

Quant Time: Jan 11 22:20:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

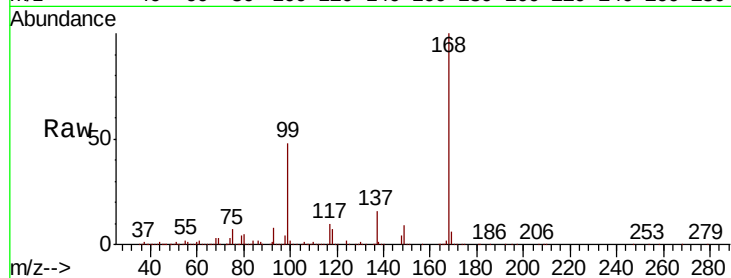
S8TB01-190110

Tgt Ion:168 Resp: 567888

Ion Ratio Lower Upper

168 100

99 48.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

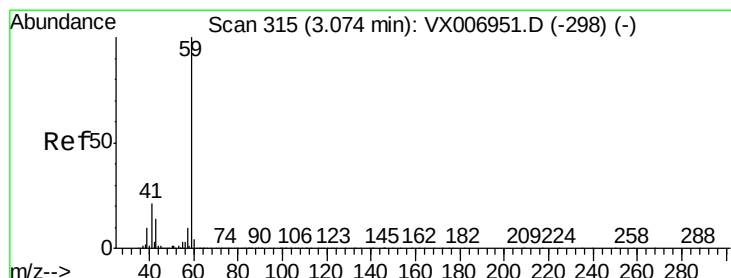
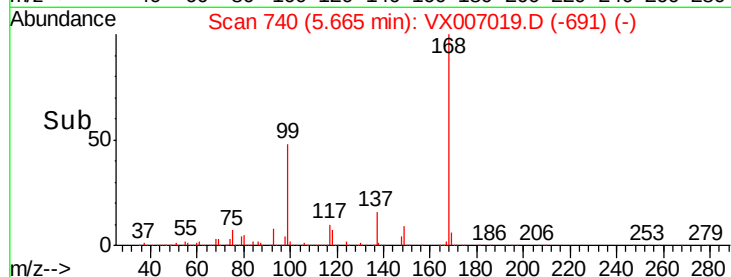
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 3.789 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007019.D

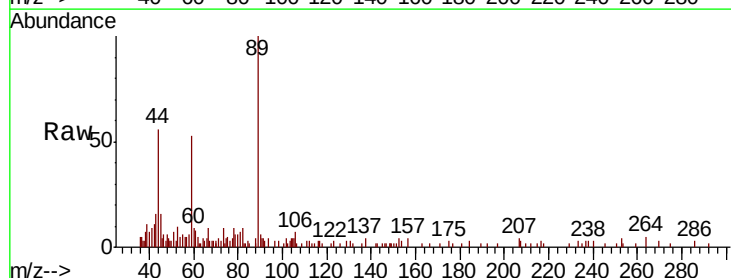
Acq: 11 Jan 2019 17:43

Tgt Ion: 59 Resp: 5305

Ion Ratio Lower Upper

59 100

57 4.9 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.03

2000

1500

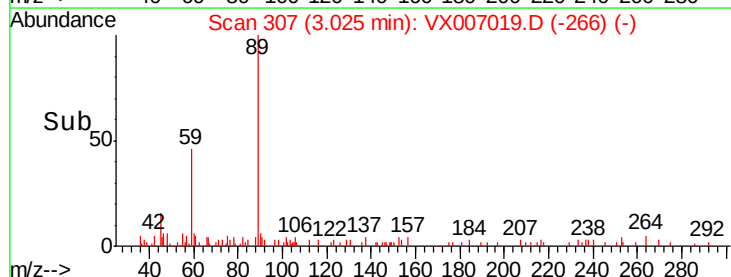
1000

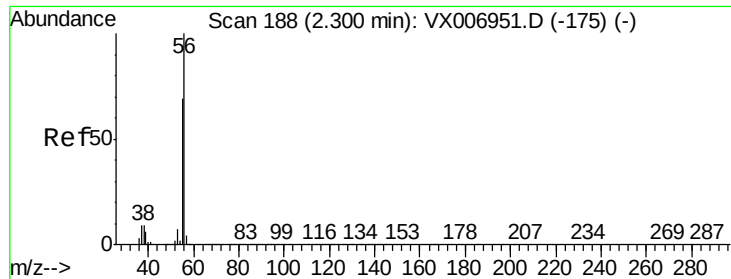
500

0

Time-->

2.95 3.00 3.05 3.10 3.15





#13

Acrolein

Concen: 4.026 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.01 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

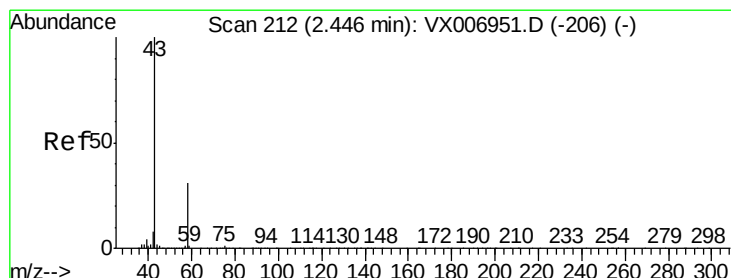
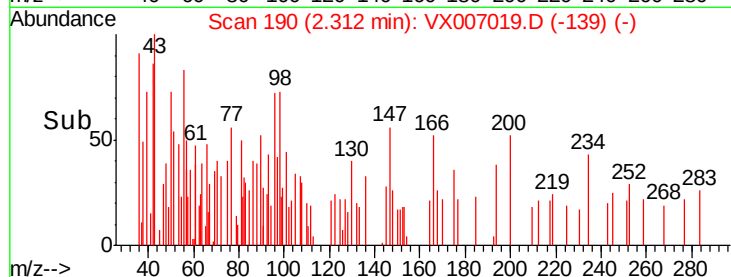
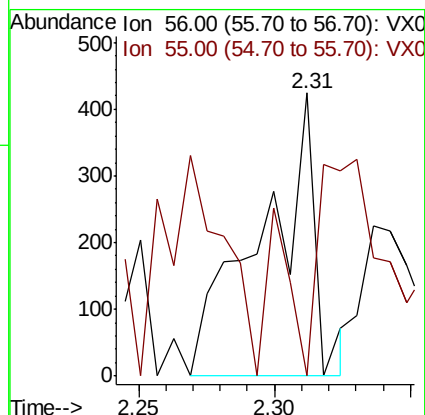
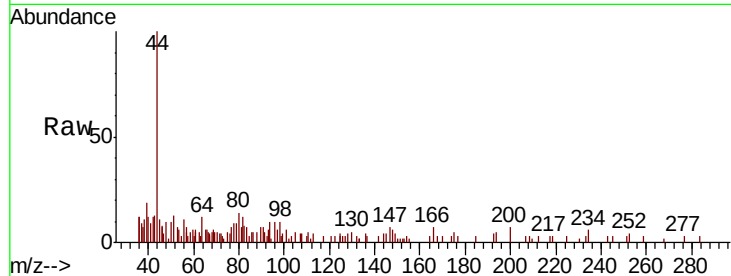
S8TB01-190110

Tgt Ion: 56 Resp: 576

Ion Ratio Lower Upper

56 100

55 24.8 58.2 87.4#



#16

Acetone

Concen: 0.657 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007019.D

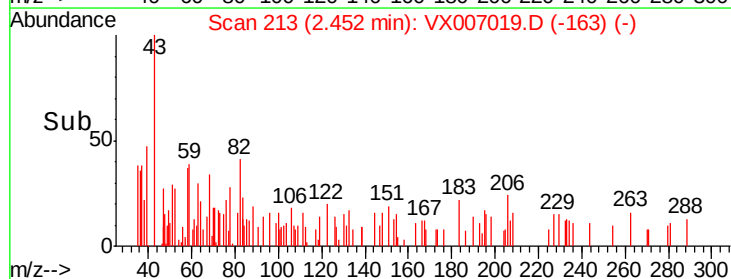
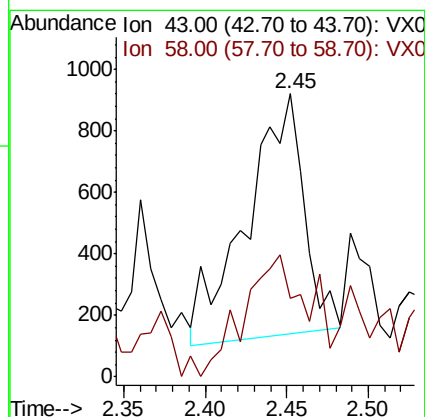
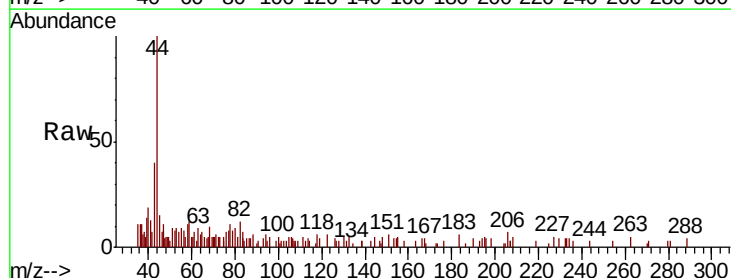
Acq: 11 Jan 2019 17:43

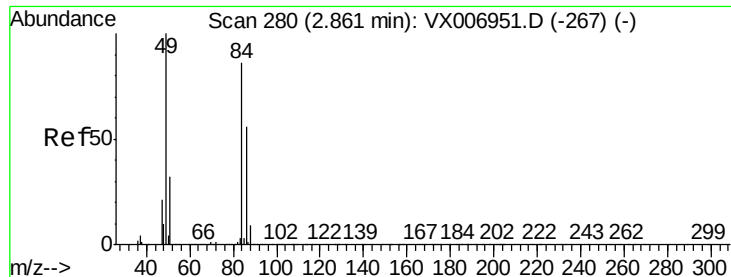
Tgt Ion: 43 Resp: 1927

Ion Ratio Lower Upper

43 100

58 24.7 25.0 37.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

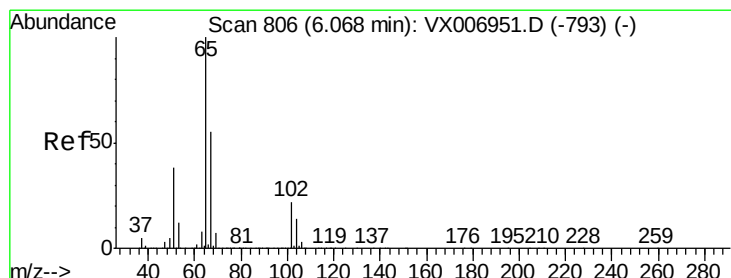
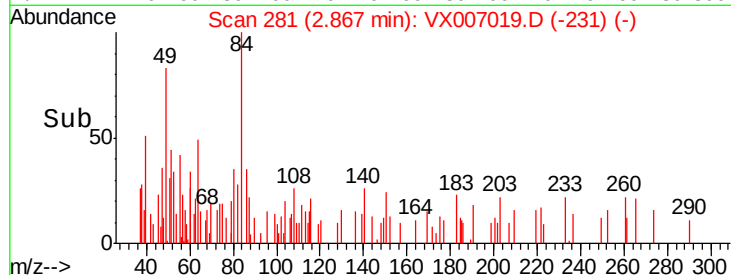
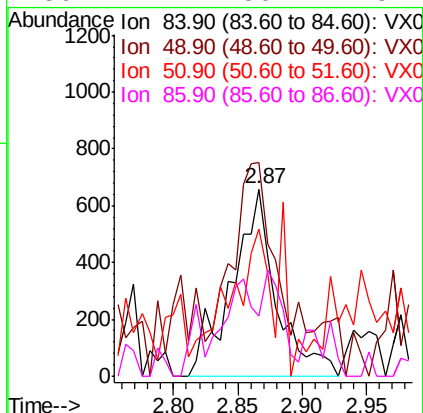
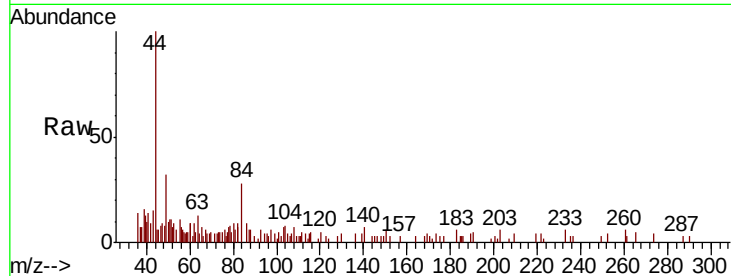
Instrument :

MSVOA_X

ClientSampleId :

S8TB01-190110

Tgt Ion:	84	Resp:	1561
Ion	Ratio	Lower	Upper
84	100		
49	95.0	91.8	137.6
51	54.1	28.5	42.7#
86	22.4	50.2	75.2#



#33

1,2-Dichloroethane-d4

Concen: 51.302 ug/l

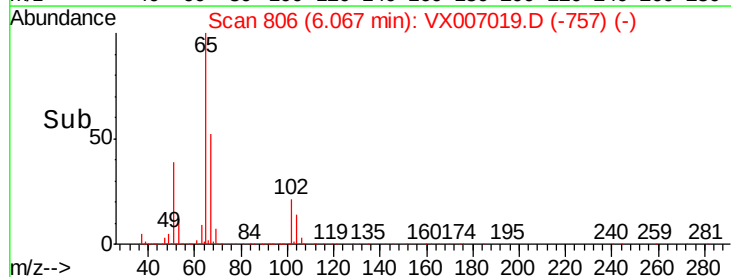
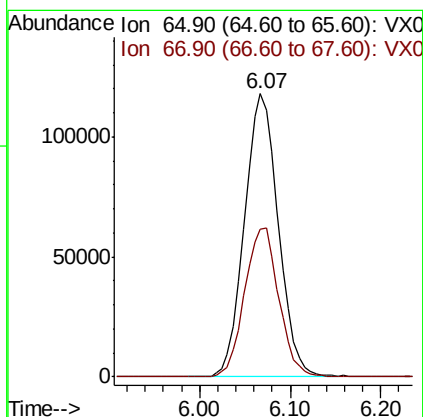
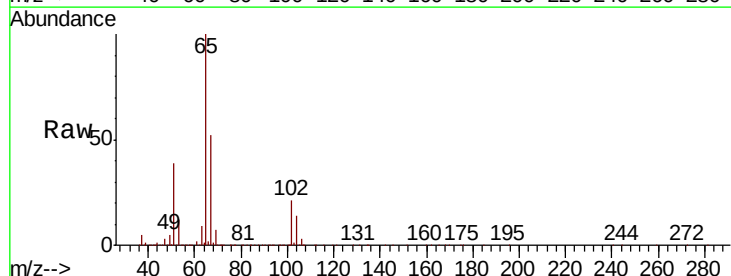
RT: 6.07 min Scan# 806

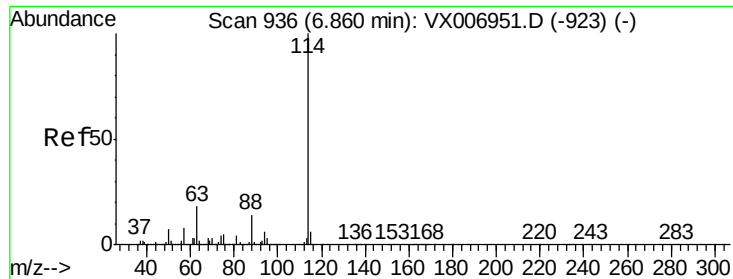
Delta R.T. -0.00 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Tgt Ion:	65	Resp:	304473
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

S8TB01-190110

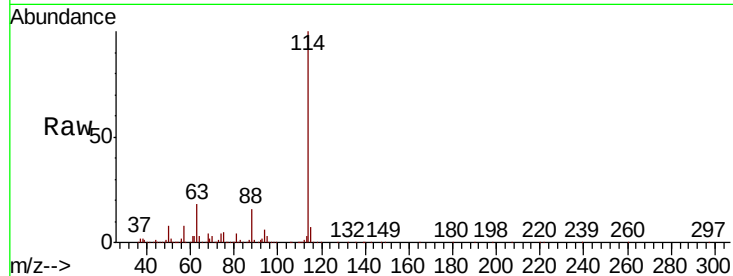
Tgt Ion:114 Resp: 874089

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

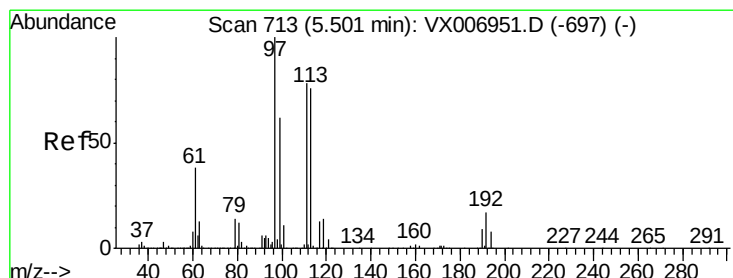
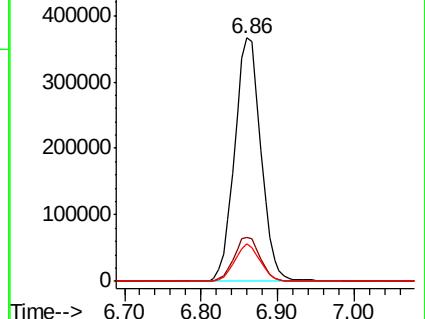
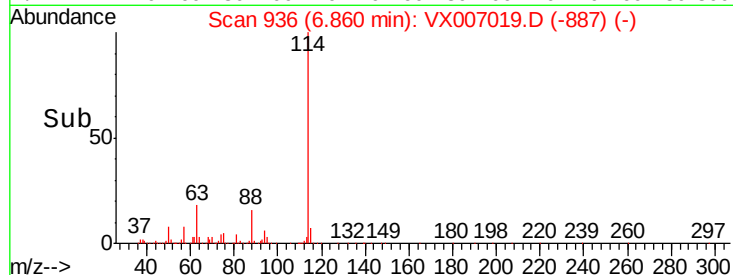
88 15.5 0.0 28.8



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: 48.402 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

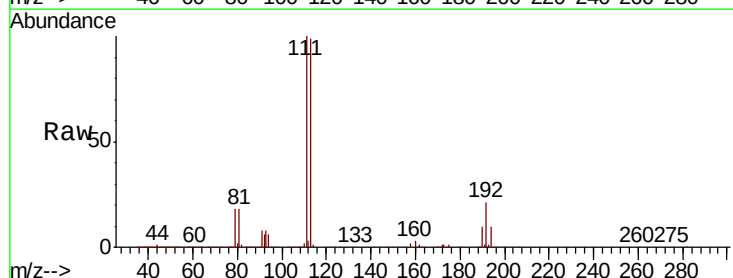
Tgt Ion:113 Resp: 270935

Ion Ratio Lower Upper

113 100

111 100.8 81.6 122.4

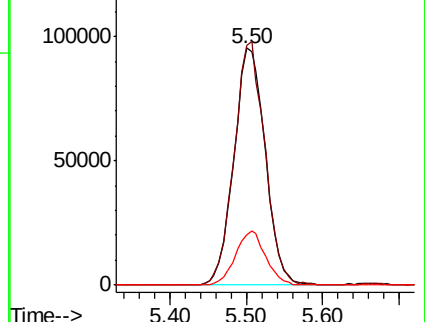
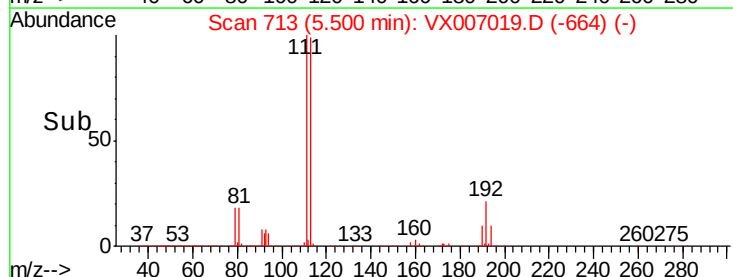
192 22.0 16.7 25.1

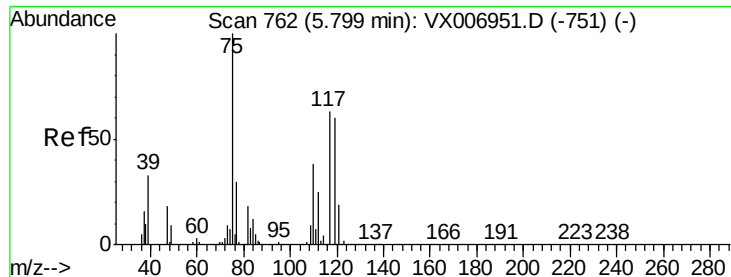


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.845 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

S8TB01-190110

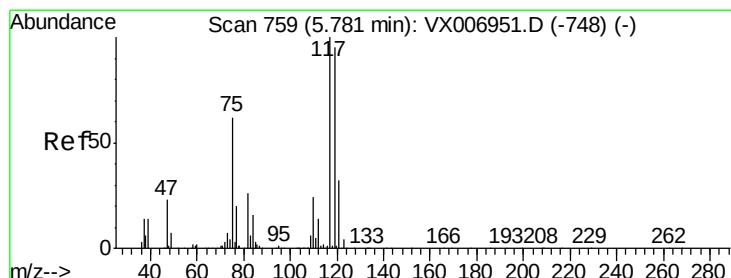
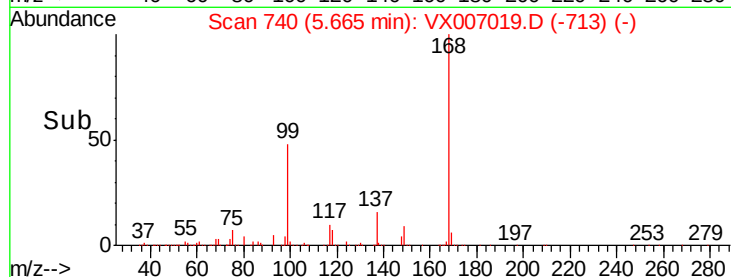
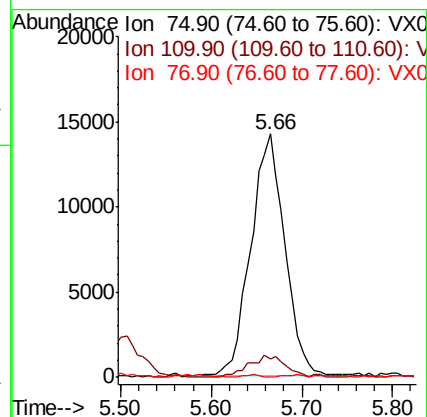
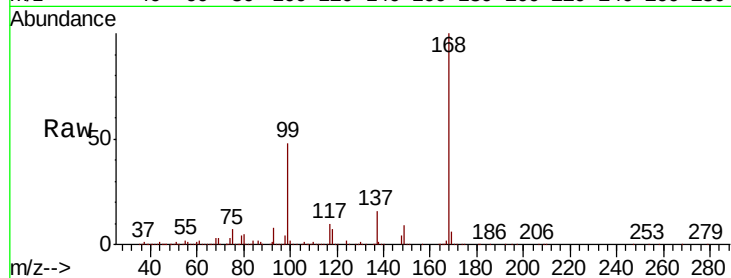
Tgt Ion: 75 Resp: 36822

Ion Ratio Lower Upper

75 100

110 9.7 20.2 60.5#

77 0.5 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.688 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

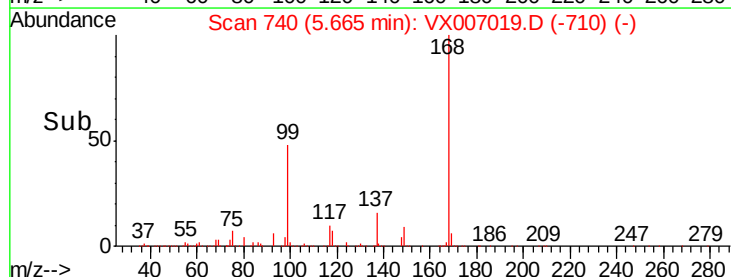
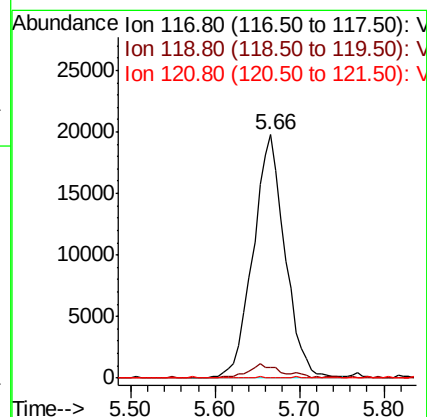
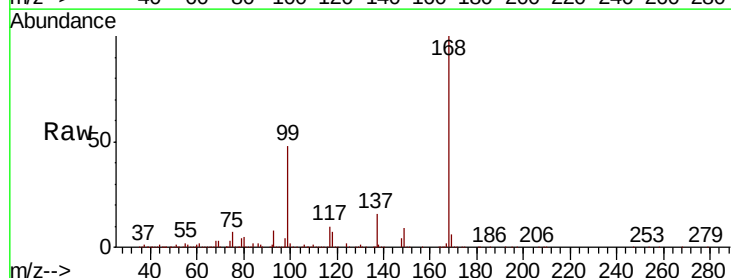
Tgt Ion: 117 Resp: 51136

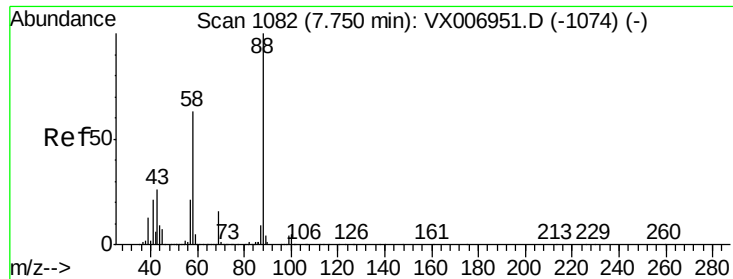
Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.2#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

S8TB01-190110

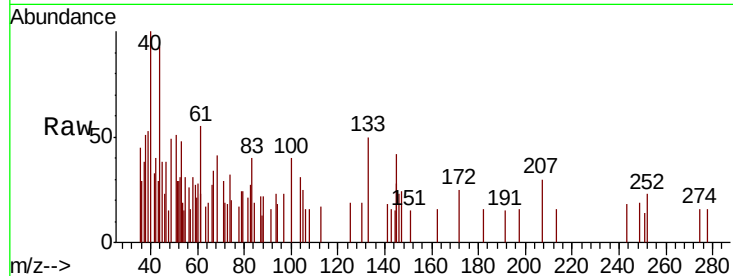
Tgt Ion: 88 Resp: 87

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

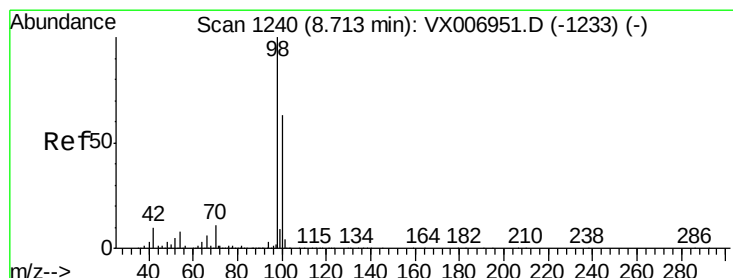
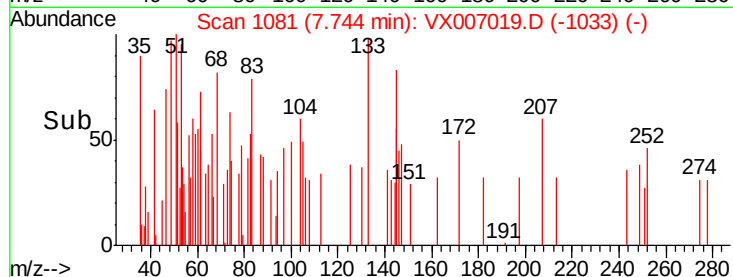
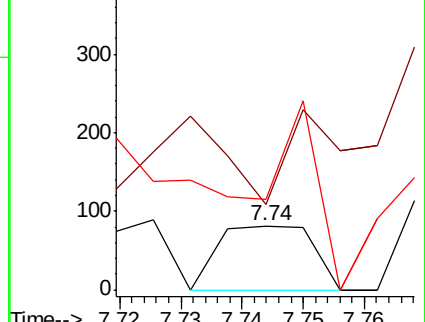
58 0.0 51.0 76.4#



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: 51.326 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007019.D

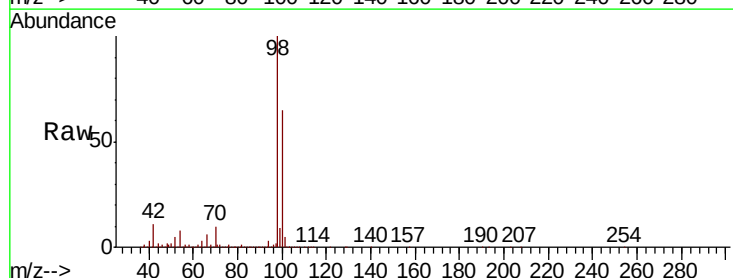
Acq: 11 Jan 2019 17:43

Tgt Ion: 98 Resp: 1051611

Ion Ratio Lower Upper

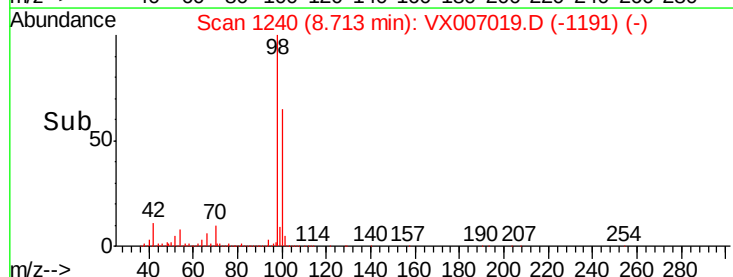
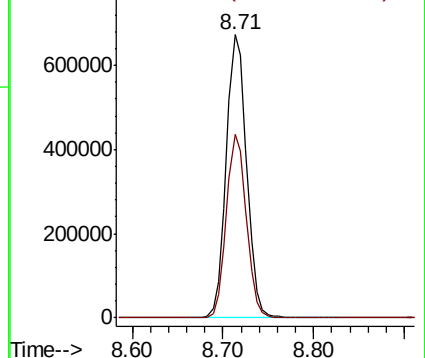
98 100

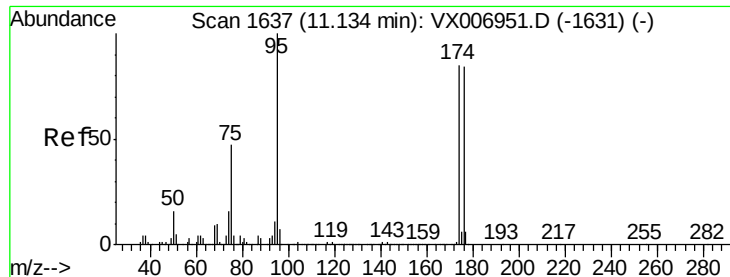
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

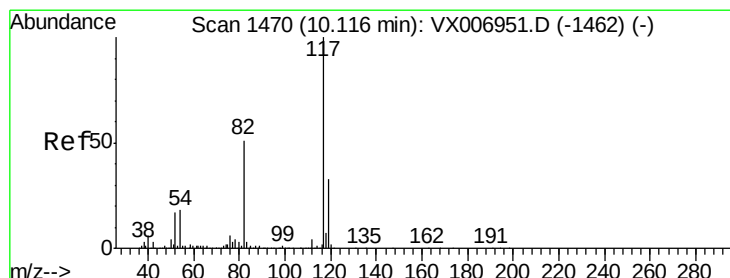
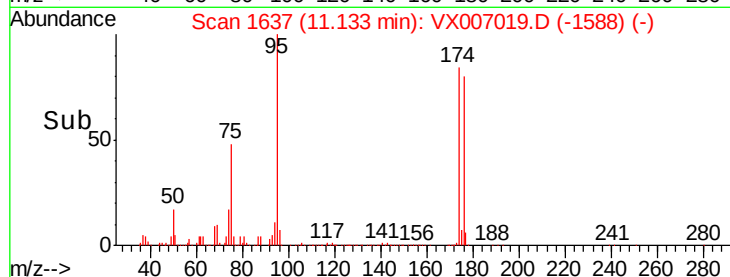
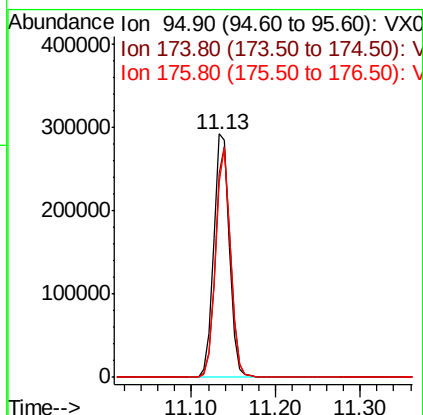
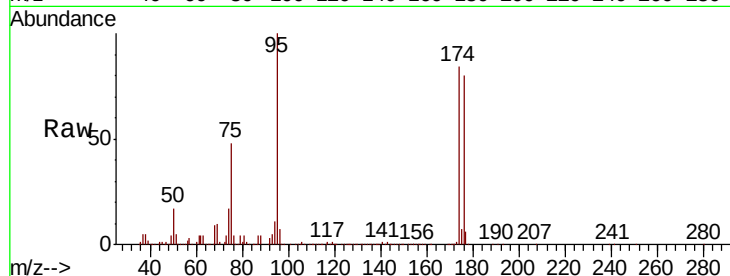




#62
4-Bromofluorobenzene
Concen: 52.987 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007019.D
Acq: 11 Jan 2019 17:43

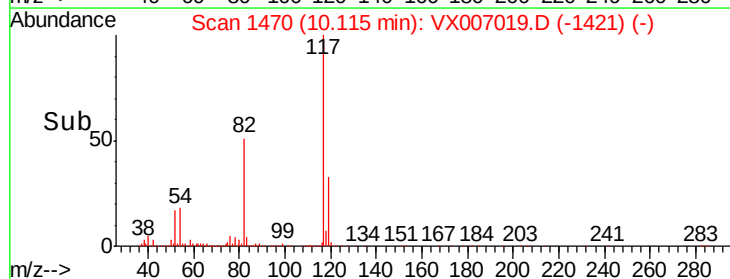
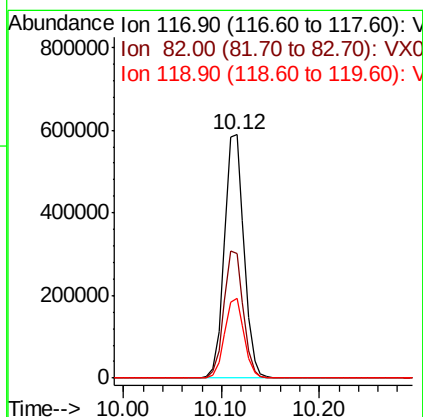
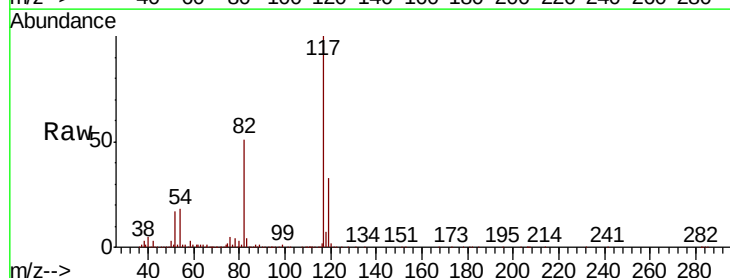
Instrument :
MSVOA_X
ClientSampleId :
S8TB01-190110

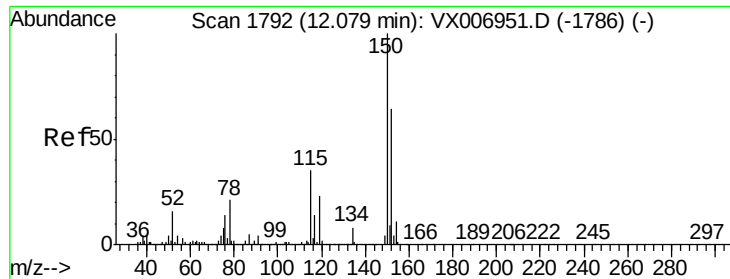
Tgt Ion: 95 Resp: 378481
Ion Ratio Lower Upper
95 100
174 91.0 0.0 182.2
176 88.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007019.D
Acq: 11 Jan 2019 17:43

Tgt Ion: 117 Resp: 817616
Ion Ratio Lower Upper
117 100
82 51.2 41.0 61.6
119 33.0 25.4 38.0



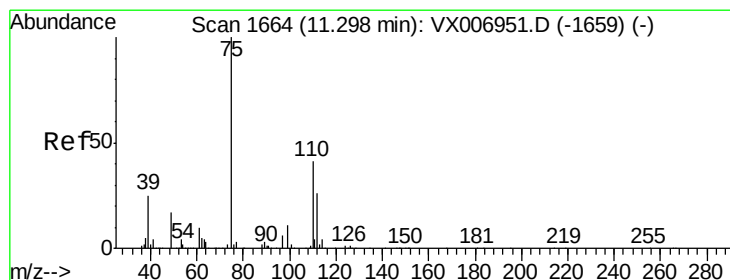
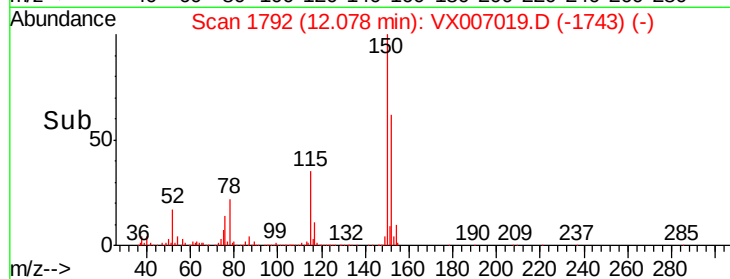
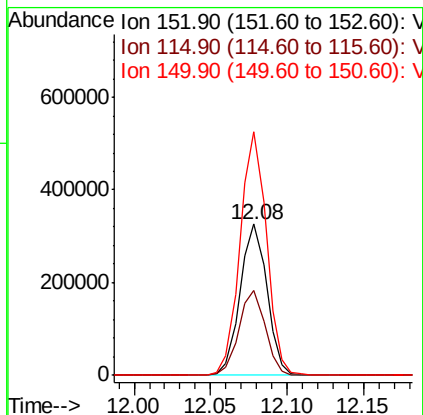
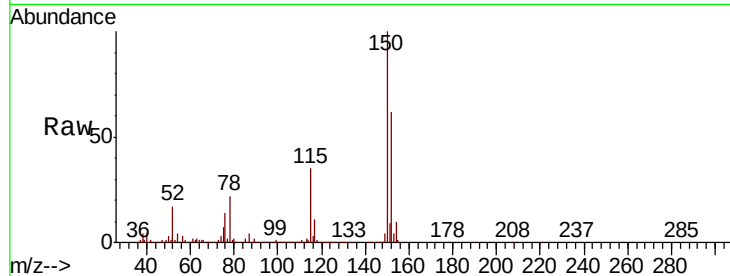


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007019.D
Acq: 11 Jan 2019 17:43

Instrument :
MSVOA_X
ClientSampleId :
S8TB01-190110

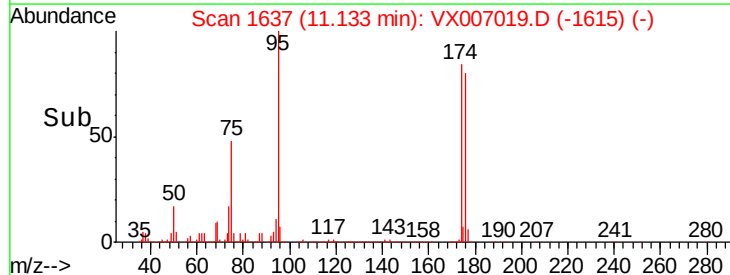
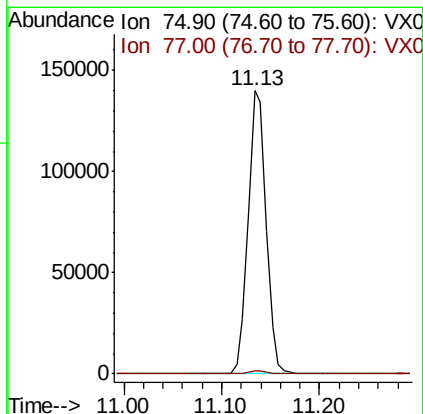
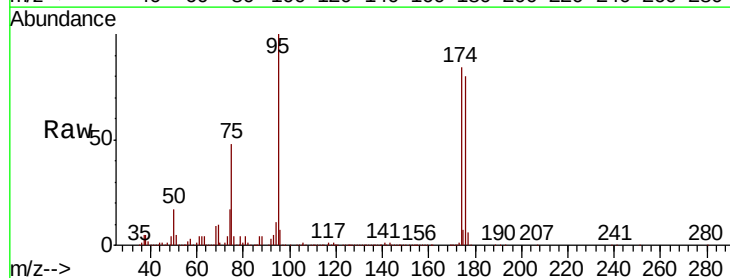
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.1	117.2
150	158.3	0.0	344.8

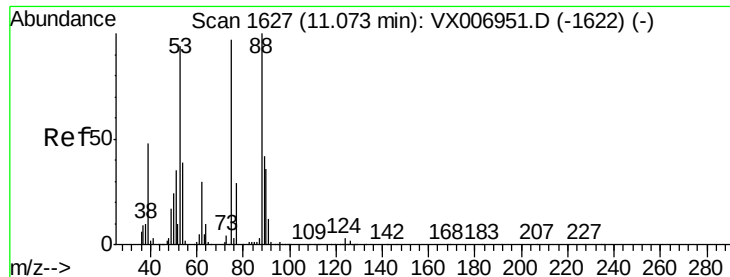


#76

1,2,3-Trichloropropane
Concen: 22.185 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007019.D
Acq: 11 Jan 2019 17:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.5	55.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 65.669 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

S8TB01-190110

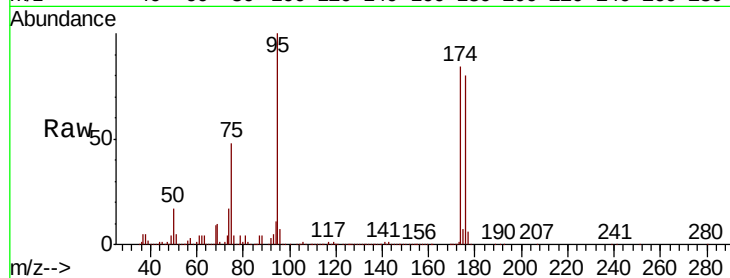
Tgt Ion: 75 Resp: 179628

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

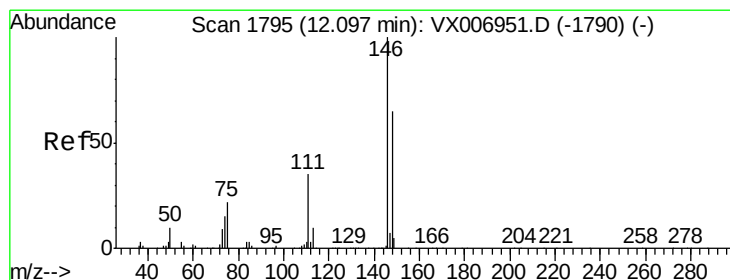
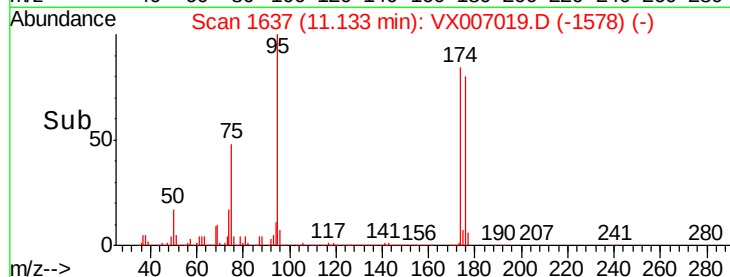
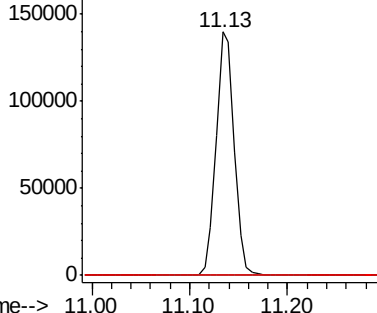
89 0.0 38.0 57.0#



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



#88

1,4-Dichlorobenzene

Concen: 0.211 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.02 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

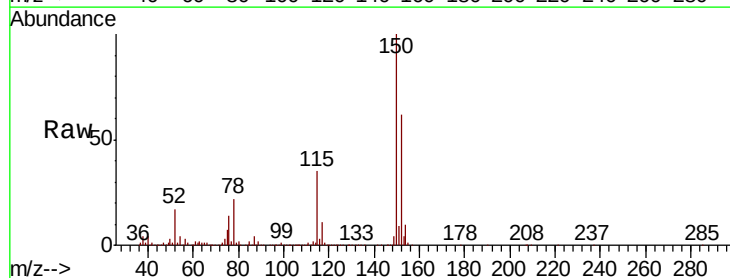
Tgt Ion: 146 Resp: 885

Ion Ratio Lower Upper

146 100

111 501.7 18.1 54.1#

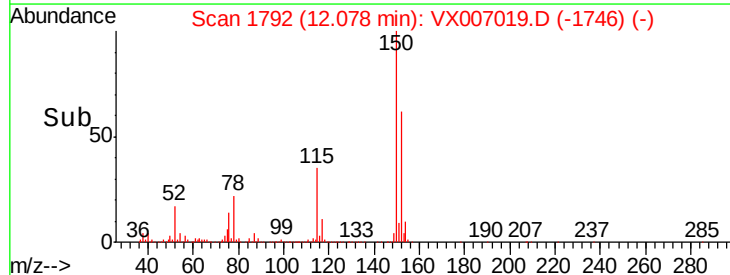
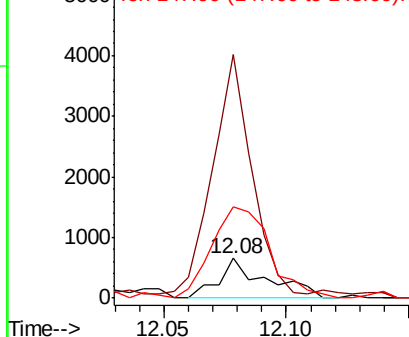
148 280.9 31.9 95.9#

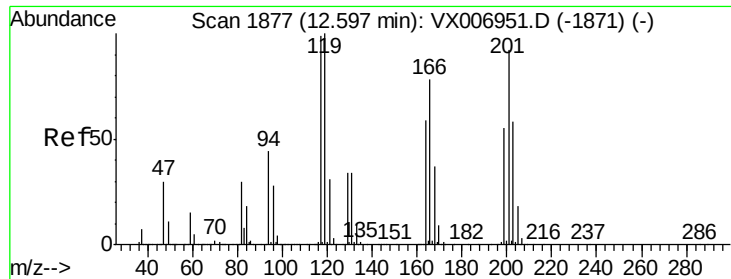


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 2.923 ug/l

RT: 12.47 min Scan# 1856

Delta R.T. -0.13 min

Lab File: VX007019.D

Acq: 11 Jan 2019 17:43

Instrument :

MSVOA_X

ClientSampleId :

S8TB01-190110

Tgt Ion:117 Resp: 64

Ion Ratio Lower Upper

117 100

201 65.6 42.9 128.7

