

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
 Data File : VX011892.D
 Acq On : 30 Aug 2019 01:46
 Operator : SY/SP
 Sample : VX0829SBL02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBL02

Quant Time: Aug 30 02:09:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	316781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	473256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	450563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255993	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	159569	52.57	ug/l	0.00
Spiked Amount						
			Recovery	=	105.14%	
35) Dibromofluoromethane	5.48	113	143776	47.38	ug/l	0.00
Spiked Amount						
			Recovery	=	94.76%	
50) Toluene-d8	8.71	98	527886	48.66	ug/l	0.00
Spiked Amount						
			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	215080	45.20	ug/l	0.00
Spiked Amount						
			Recovery	=	90.40%	

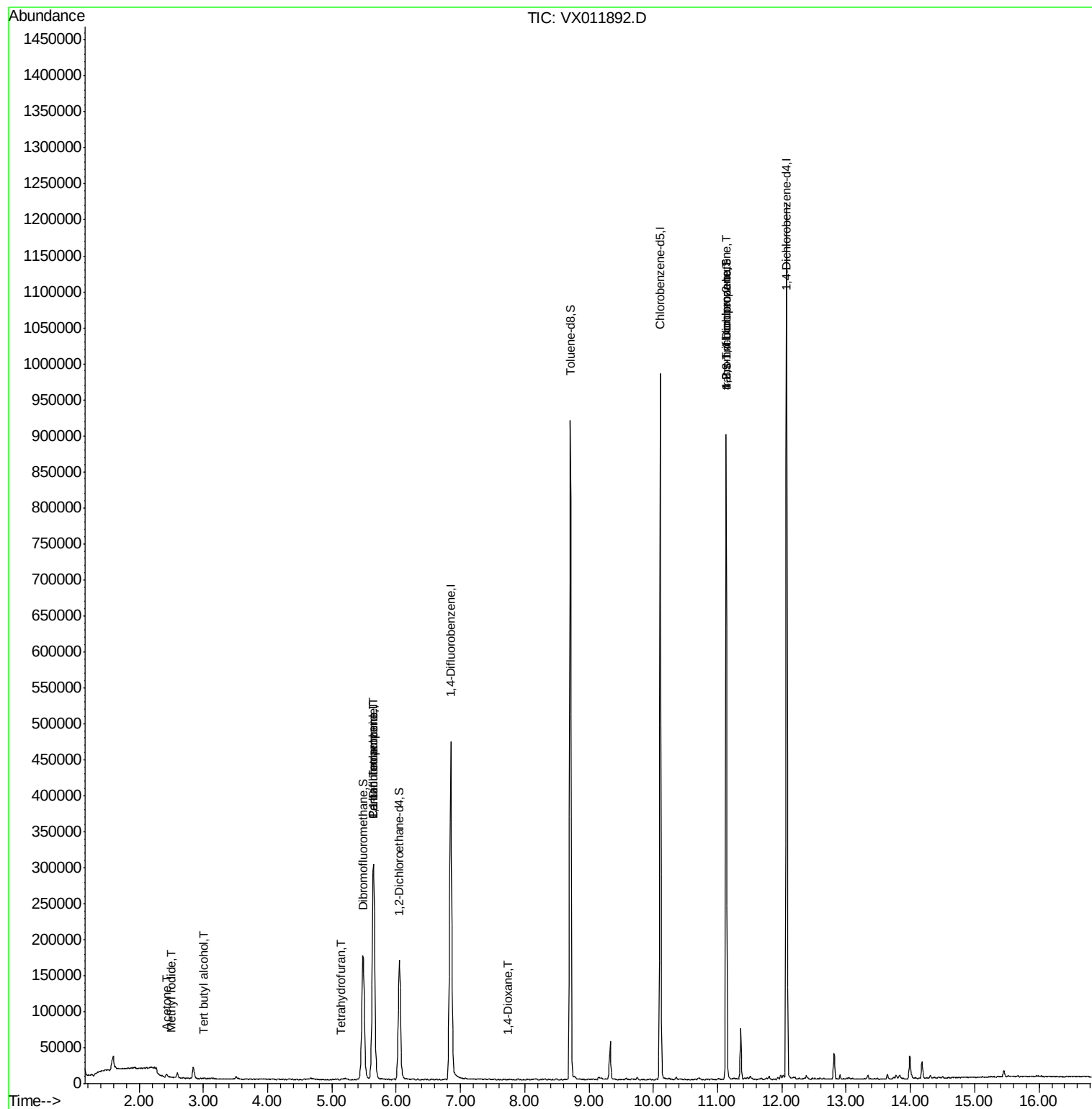
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	1210	4.105	ug/l #	89
11) Tert butyl alcohol	3.01	59	1162	3.980	ug/l #	90
16) Acetone	2.43	43	4577	7.009	ug/l	92
20) Methylene Chloride	2.84	84	7996	Below Cal		89
29) Tetrahydrofuran	5.13	42	829	1.396	ug/l #	61
36) 1,1-Dichloropropene	5.65	75	20362	5.431	ug/l #	50
38) Carbon Tetrachloride	5.65	117	26874	6.180	ug/l #	15
49) 1,4-Dioxane	7.74	88	40	1.329	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	106416	42.259	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	106416	106.161	ug/l #	11

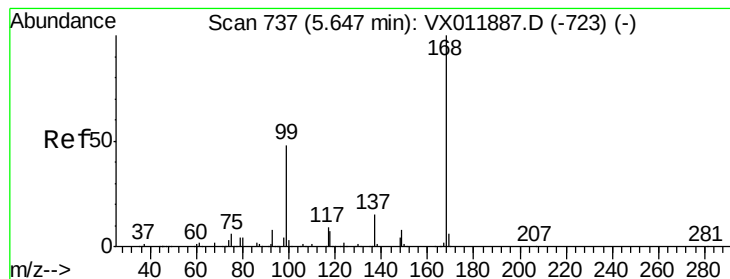
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

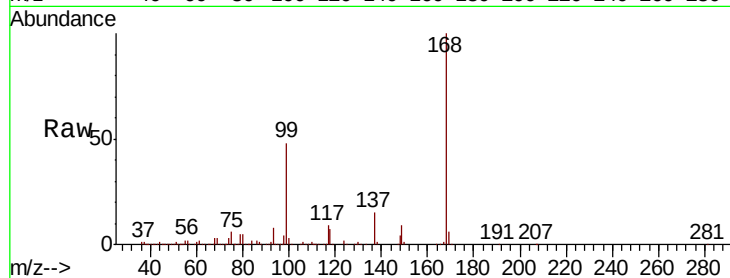
VX0829SBL02

Tgt Ion:168 Resp: 316781

Ion Ratio Lower Upper

168 100

99 48.0 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

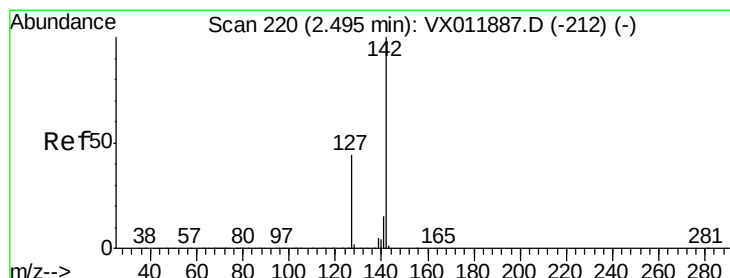
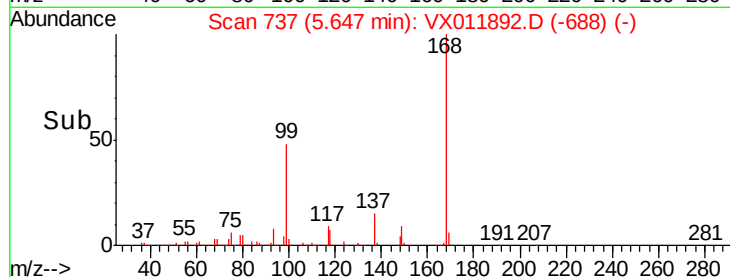
5.65

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 4.105 ug/l

RT: 2.50 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

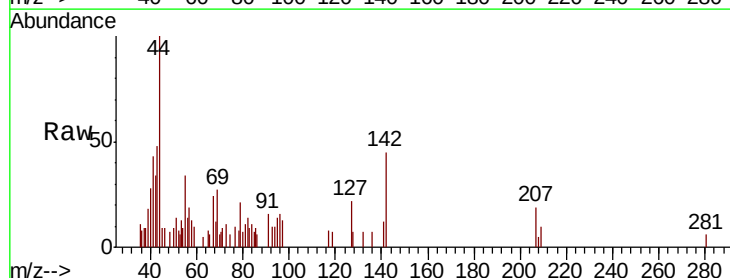
Tgt Ion:142 Resp: 1210

Ion Ratio Lower Upper

142 100

127 39.4 35.7 53.5

141 22.9 11.8 17.6#



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

500

400

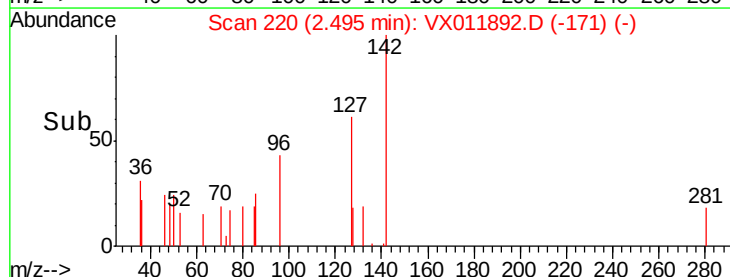
300

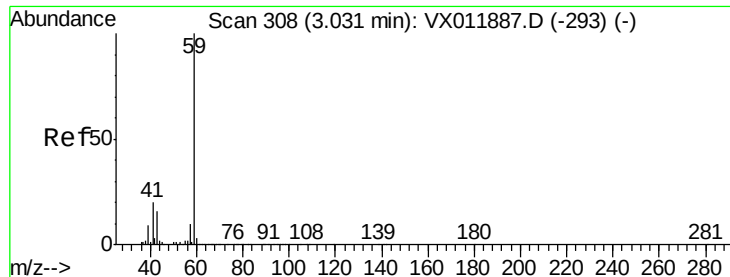
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 3.980 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.02 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

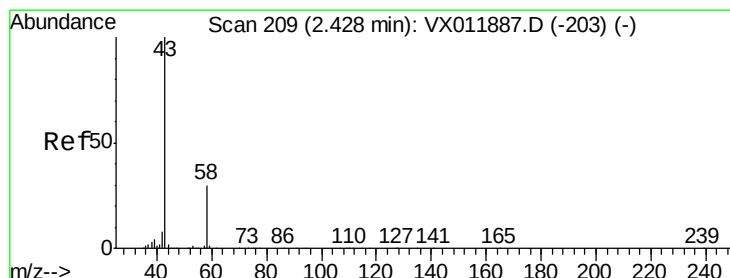
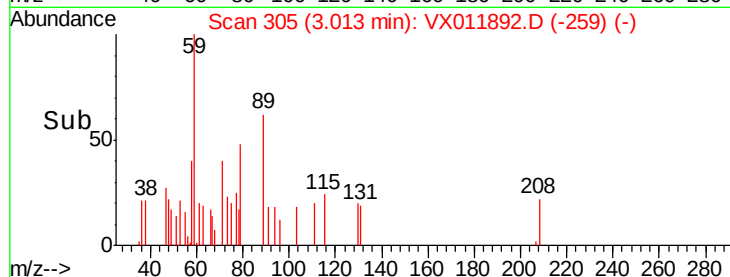
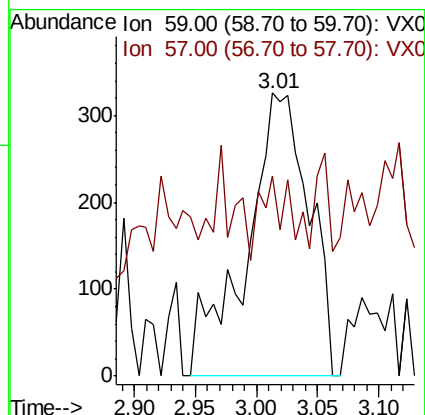
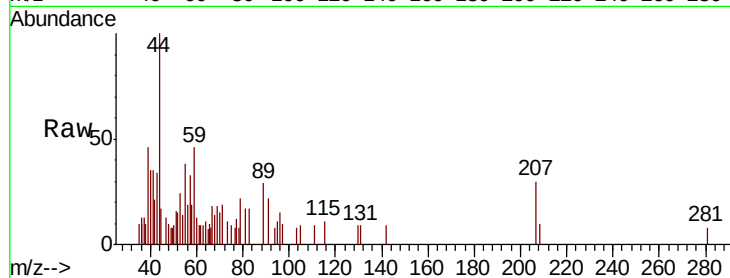
VX0829SBL02

Tgt Ion: 59 Resp: 1162

Ion Ratio Lower Upper

59 100

57 14.5 8.6 12.8#



#16

Acetone

Concen: 7.009 ug/l

RT: 2.43 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX011892.D

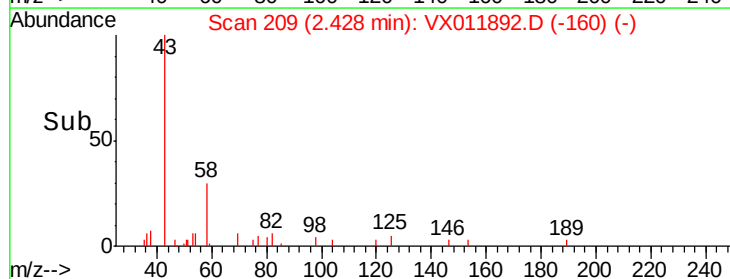
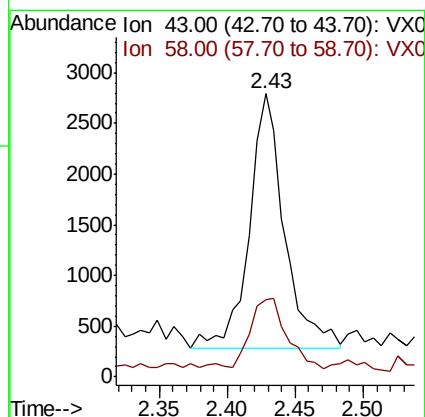
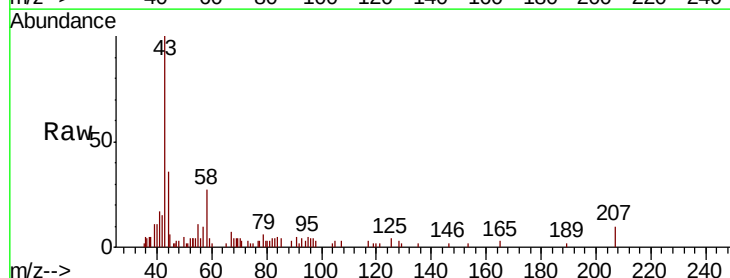
Acq: 30 Aug 2019 01:46

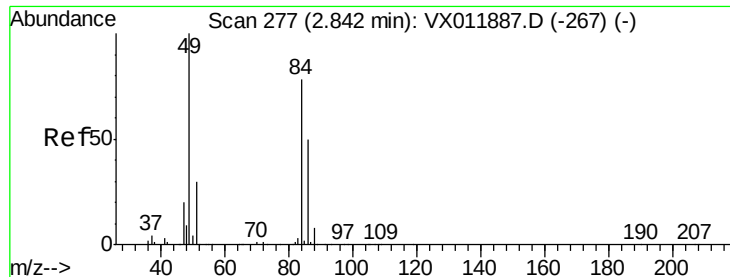
Tgt Ion: 43 Resp: 4577

Ion Ratio Lower Upper

43 100

58 25.5 23.8 35.8

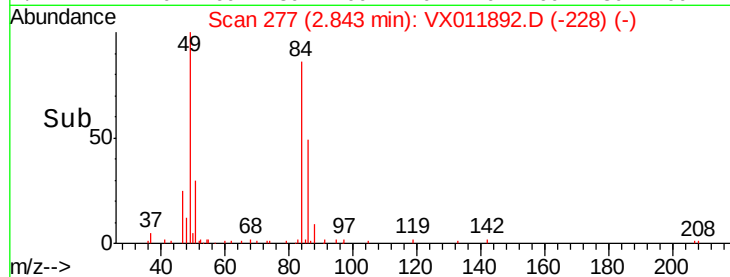
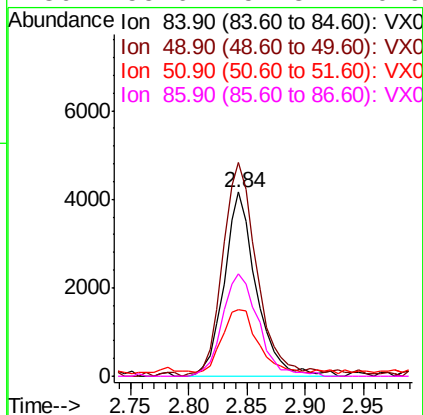
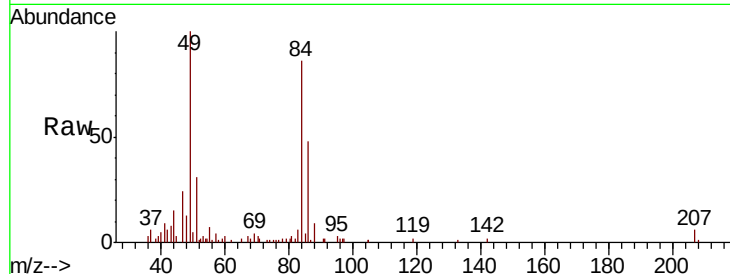




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 277
Delta R.T. 0.00 min
Lab File: VX011892.D
Acq: 30 Aug 2019 01:46

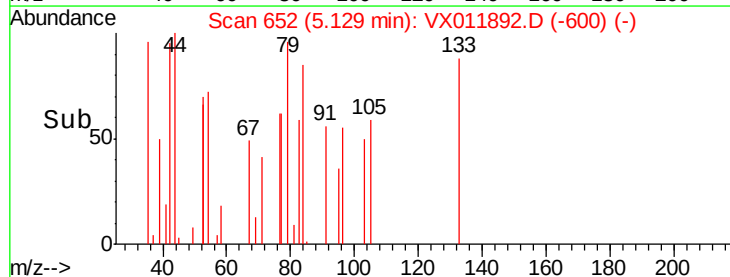
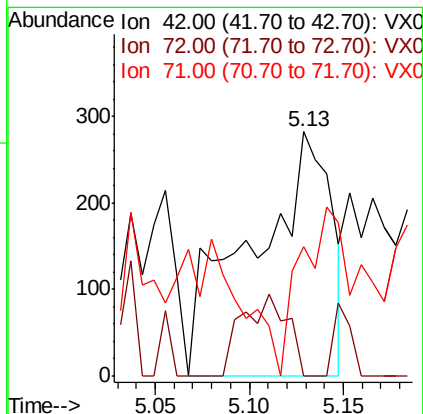
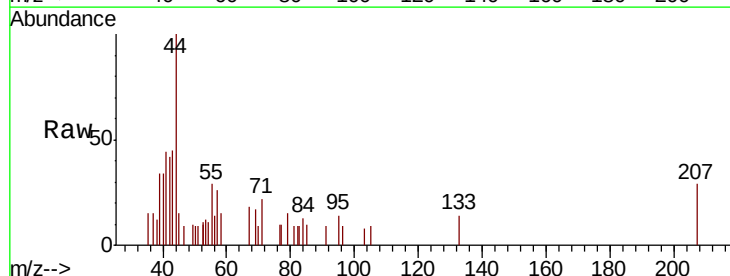
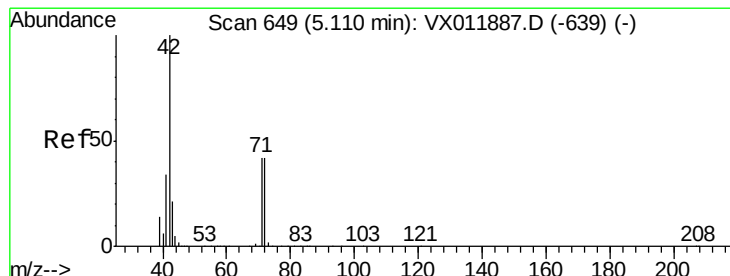
Instrument :
MSVOA_X
ClientSampleId :
VX0829SBL02

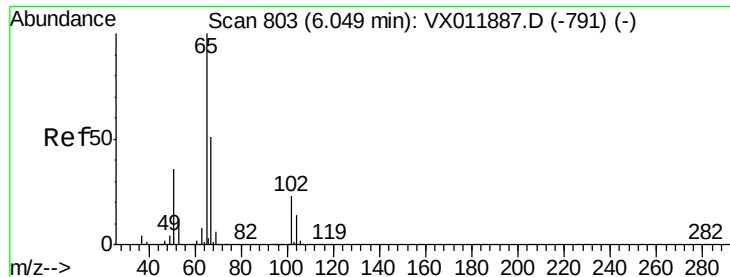
Tgt Ion:	84	Resp:	7996
Ion	Ratio	Lower	Upper
84	100		
49	114.5	103.0	154.4
51	34.7	30.8	46.2
86	55.6	51.3	76.9



#29
Tetrahydrofuran
Concen: 1.396 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.02 min
Lab File: VX011892.D
Acq: 30 Aug 2019 01:46

Tgt Ion:	42	Resp:	829
Ion	Ratio	Lower	Upper
42	100		
72	6.3	36.2	54.4#
71	52.1	33.1	49.7#

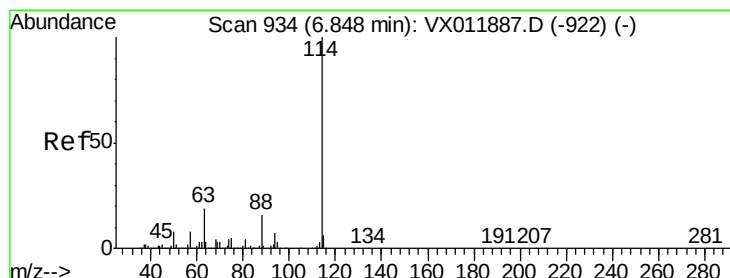
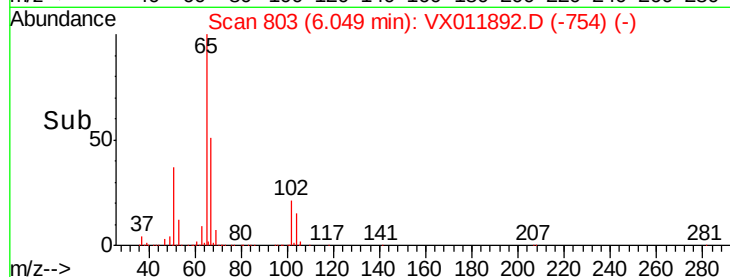
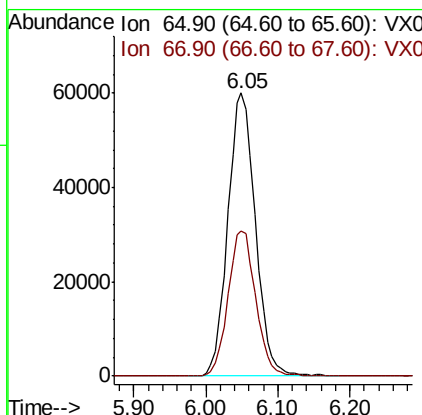
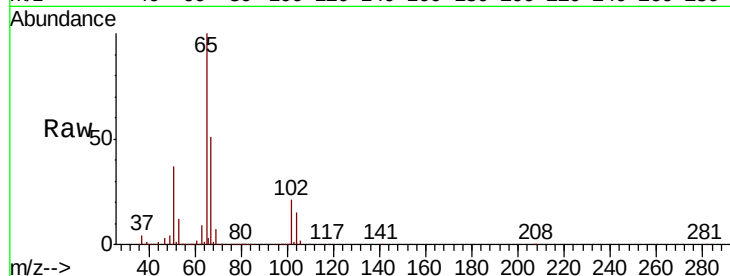




#33
 1,2-Dichloroethane-d4
 Concen: 52.575 ug/l
 RT: 6.05 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: VX011892.D
 Acq: 30 Aug 2019 01:46

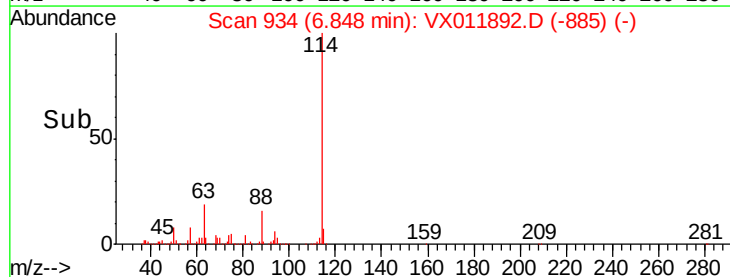
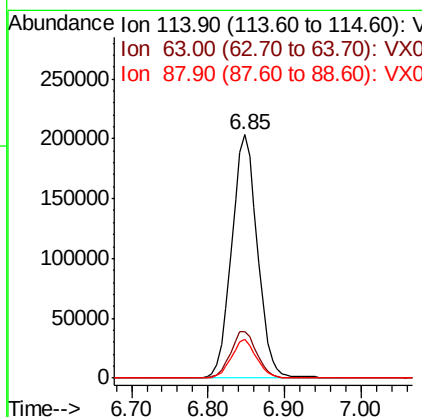
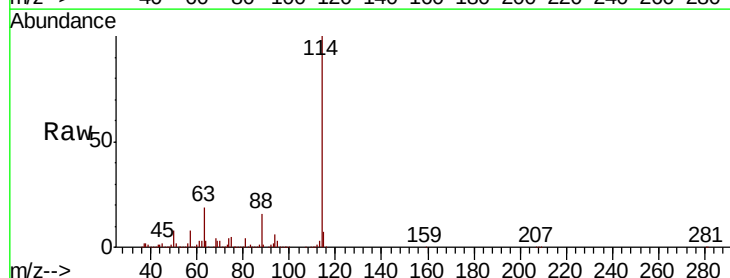
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829SBL02

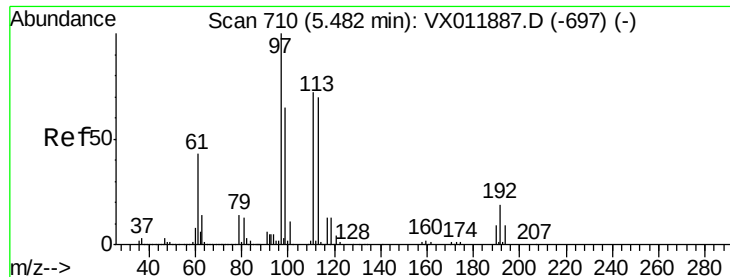
Tgt Ion: 65 Resp: 159569
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VX011892.D
 Acq: 30 Aug 2019 01:46

Tgt Ion: 114 Resp: 473256
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.377 ug/l

RT: 5.48 min Scan# 710

Delta R.T. 0.00 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBL02

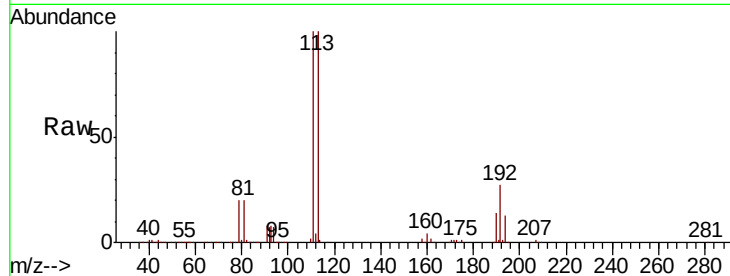
Tgt Ion:113 Resp: 143776

Ion Ratio Lower Upper

113 100

111 101.4 82.1 123.1

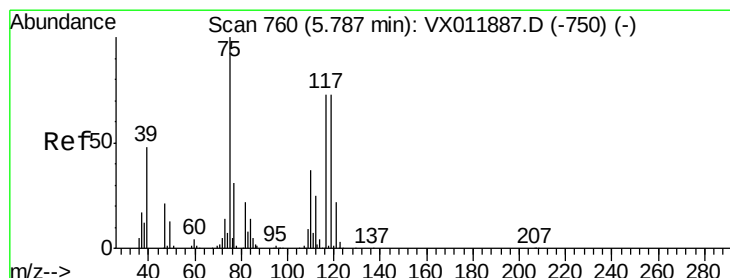
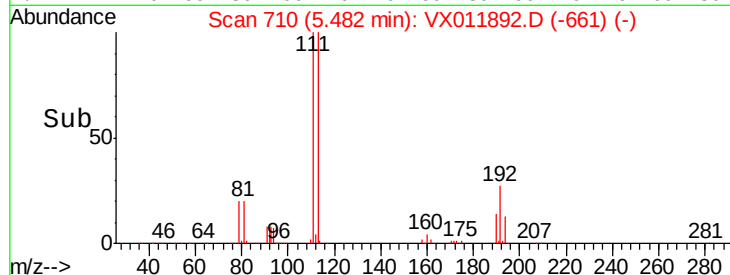
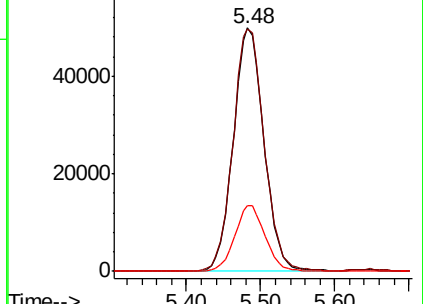
192 26.8 21.5 32.3



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: 5.431 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.14 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

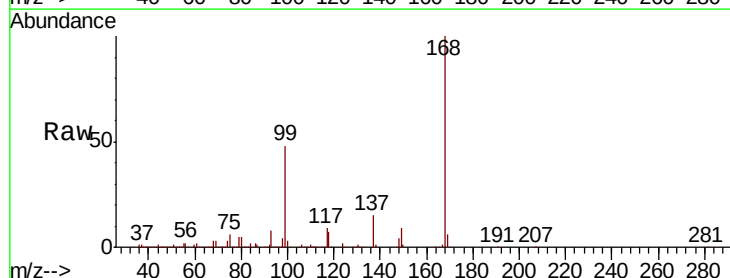
Tgt Ion: 75 Resp: 20362

Ion Ratio Lower Upper

75 100

110 10.1 19.1 57.3#

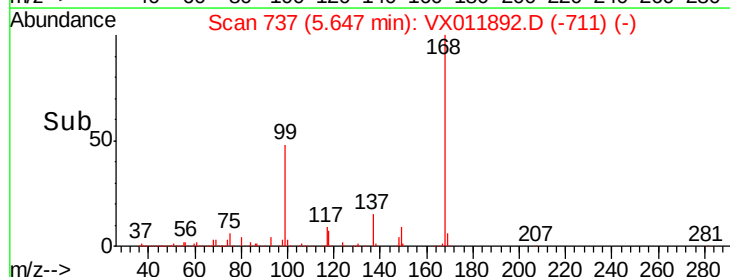
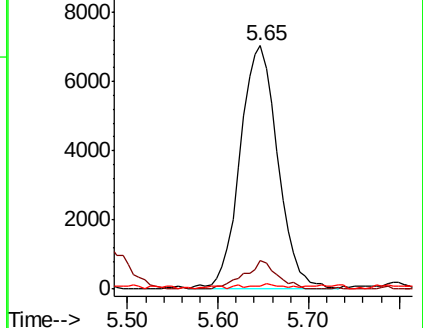
77 1.0 24.4 36.6#

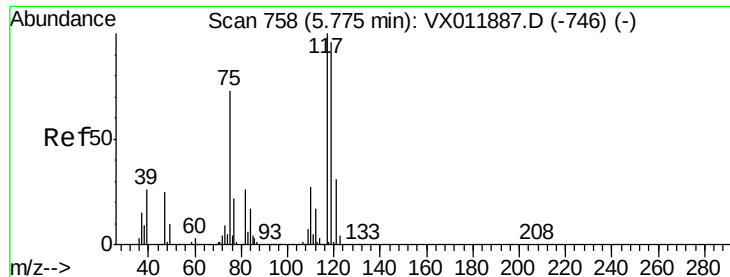


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.180 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.13 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

VX0829SBL02

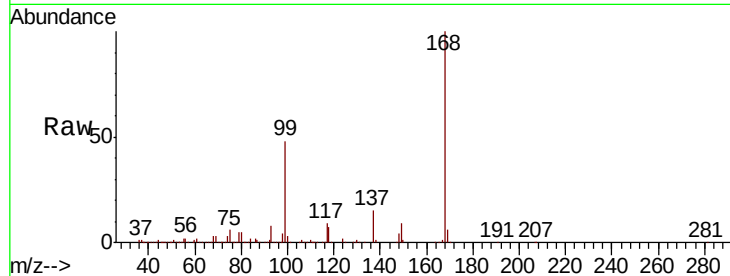
Tgt Ion:117 Resp: 26874

Ion Ratio Lower Upper

117 100

119 3.4 76.6 114.8#

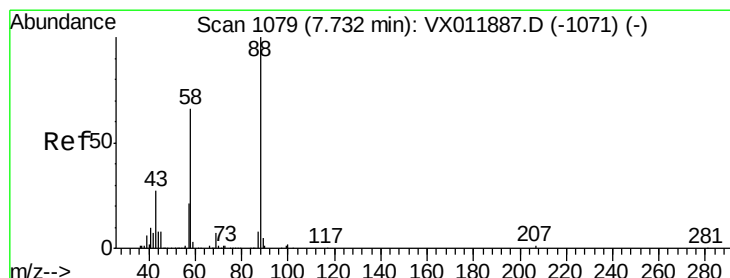
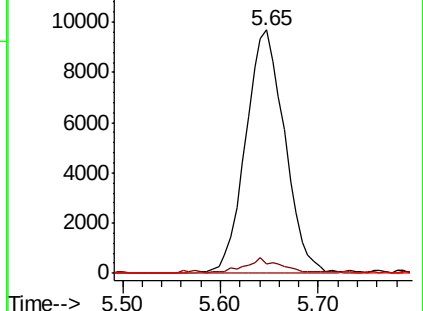
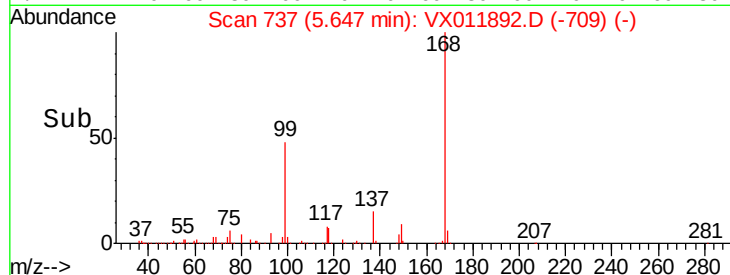
121 0.0 24.7 37.1#



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: 1.329 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

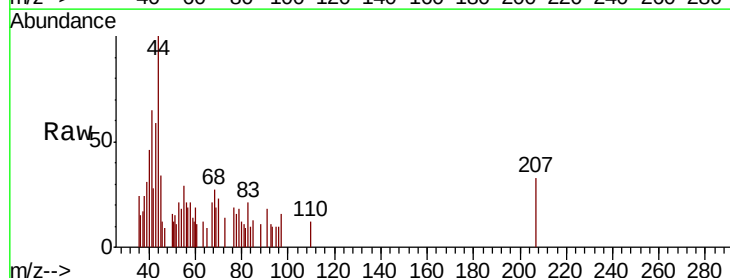
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 455.0 27.3 40.9#

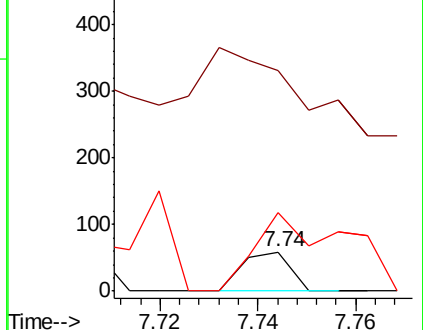
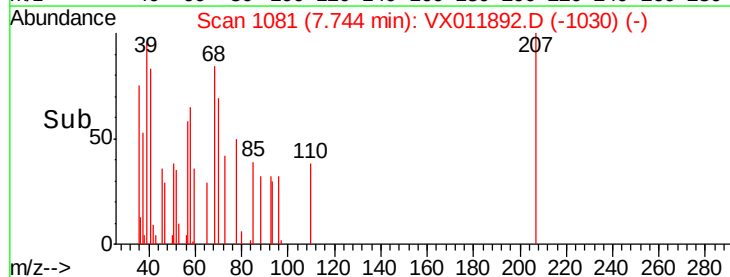
58 377.5 53.9 80.9#

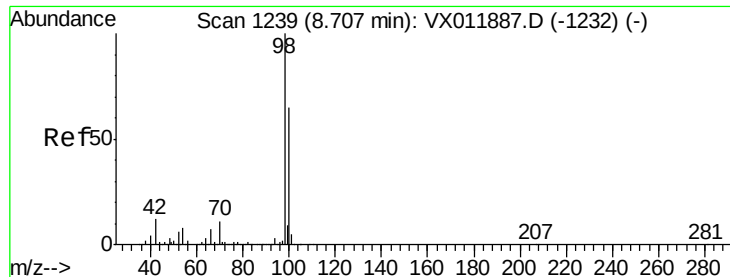


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

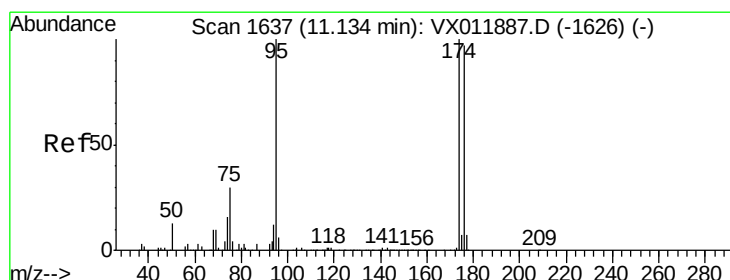
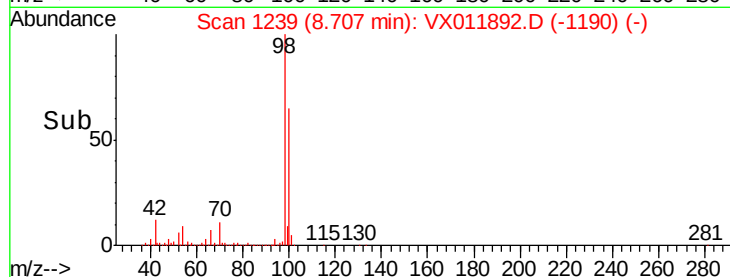
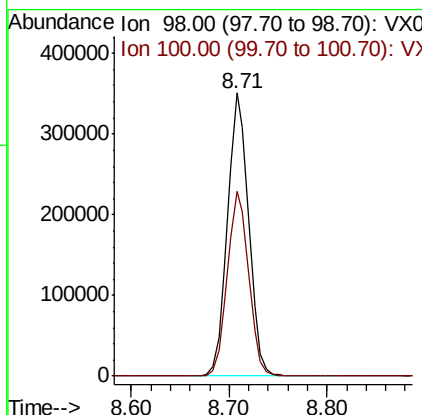
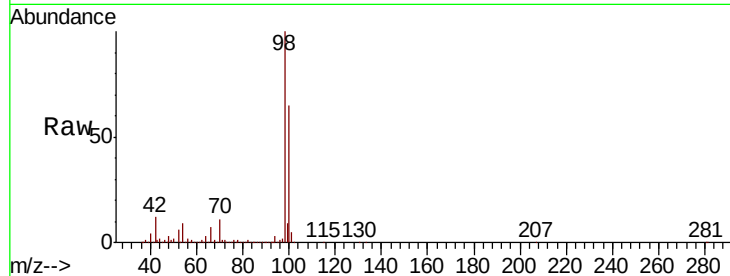




#50
Toluene-d8
Concen: 48.661 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VX011892.D
Acq: 30 Aug 2019 01:46

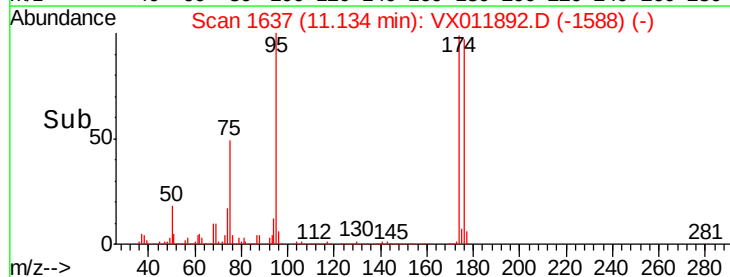
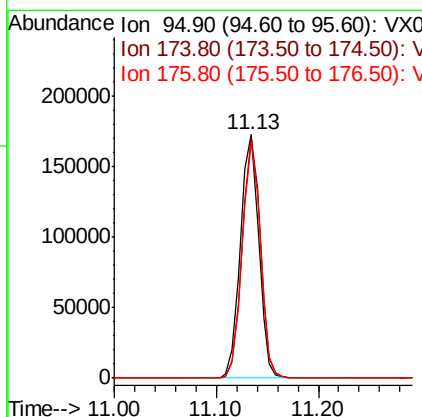
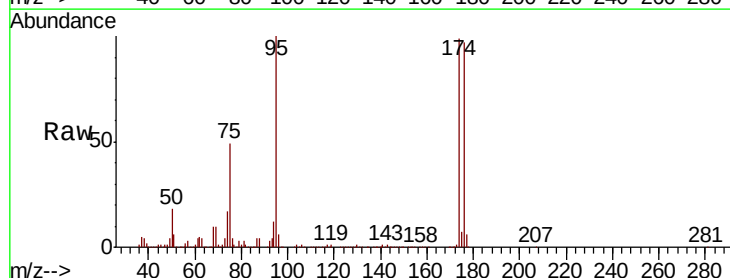
Instrument :
MSVOA_X
ClientSampleId :
VX0829SBL02

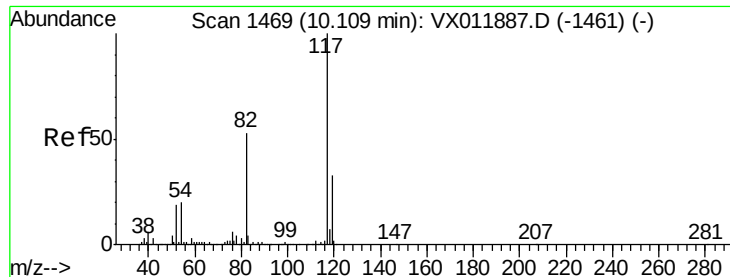
Tgt Ion: 98 Resp: 527886
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.197 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011892.D
Acq: 30 Aug 2019 01:46

Tgt Ion: 95 Resp: 215080
Ion Ratio Lower Upper
95 100
174 97.9 0.0 196.0
176 95.3 0.0 191.4

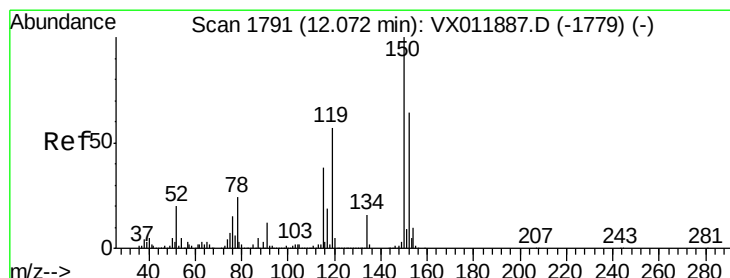
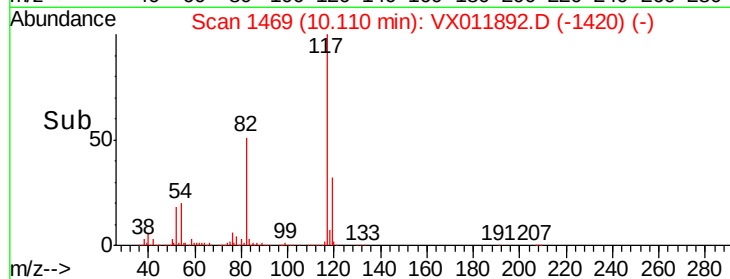
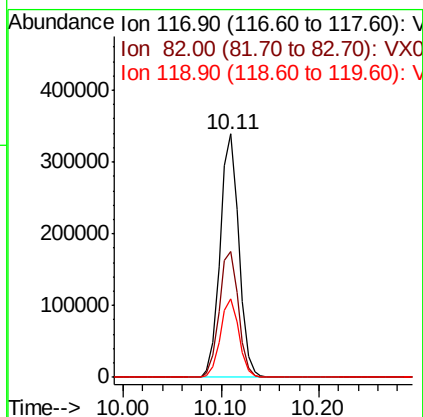
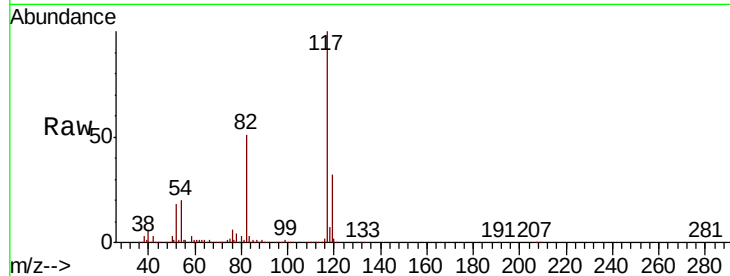




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011892.D
Acq: 30 Aug 2019 01:46

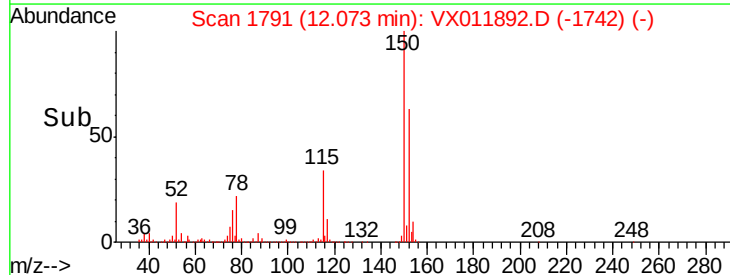
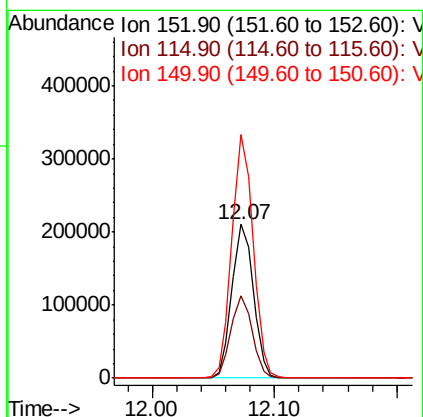
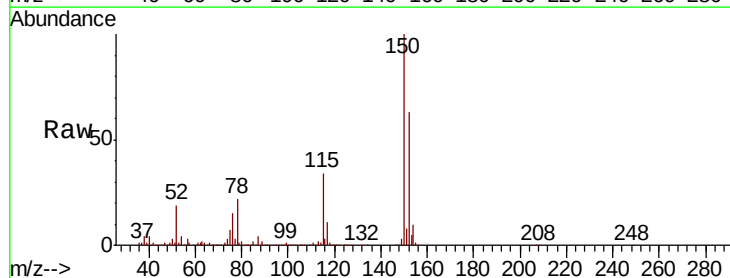
Instrument :
MSVOA_X
ClientSampleId :
VX0829SBL02

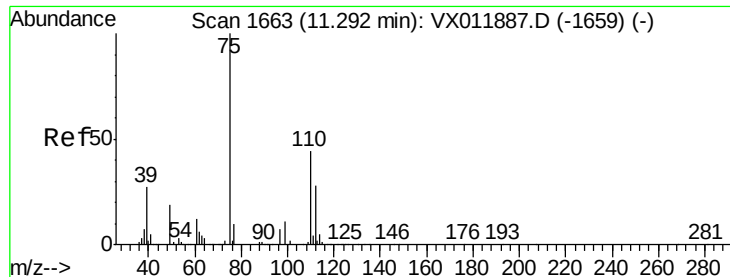
Tgt Ion:117 Resp: 450563
Ion Ratio Lower Upper
117 100
82 51.4 42.0 63.0
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011892.D
Acq: 30 Aug 2019 01:46

Tgt Ion:152 Resp: 255993
Ion Ratio Lower Upper
152 100
115 53.2 37.1 111.3
150 156.2 0.0 339.6





#76

1,2,3-Trichloropropane

Concen: 42.259 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA_X

ClientSampleId :

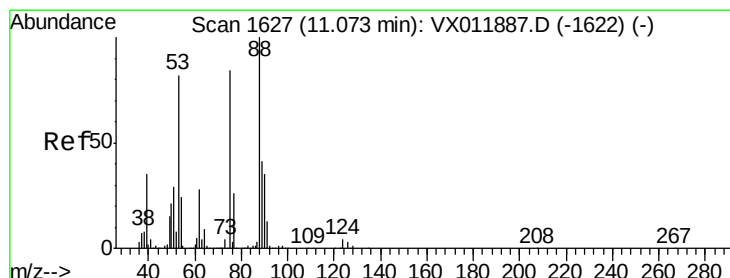
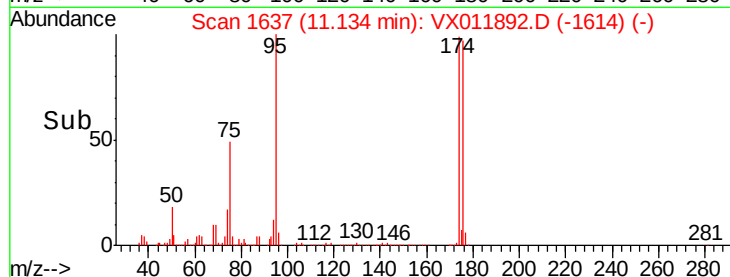
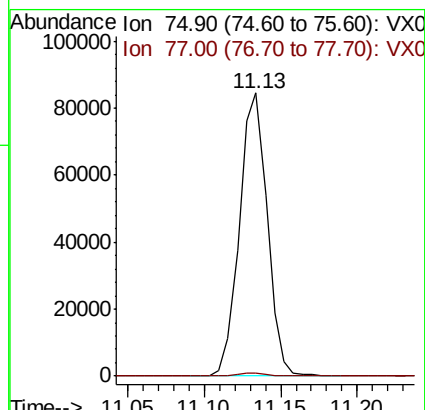
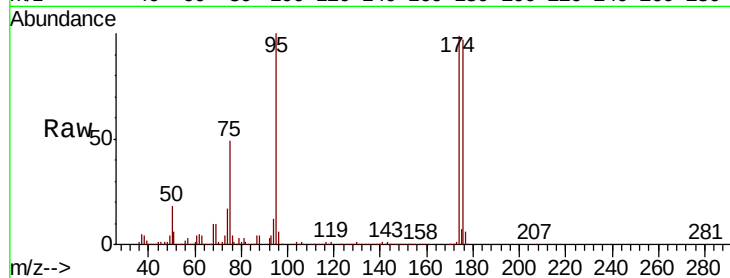
VX0829SBL02

Tgt Ion: 75 Resp: 106416

Ion Ratio Lower Upper

75 100

77 1.4 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.161 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Tgt Ion: 75 Resp: 106416

Ion Ratio Lower Upper

75 100

53 0.2 77.1 115.7#

89 0.0 38.2 57.2#

