

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011965.D
 Acq On : 31 Aug 2019 22:44
 Operator : SY/SP
 Sample : VX0831SBL03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831SBL03

Quant Time: Sep 01 01:54:07 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	5.64	168	312890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	452642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	433644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	252557	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	156808	52.31	ug/l	0.00
Spiked Amount	50.000			Recovery	=	104.62%	
35) Dibromofluoromethane		5.48	113	143230	49.35	ug/l	0.00
Spiked Amount	50.000			Recovery	=	98.70%	
50) Toluene-d8		8.71	98	507302	48.89	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene		11.13	95	214039	47.03	ug/l	0.00
Spiked Amount	50.000			Recovery	=	94.06%	

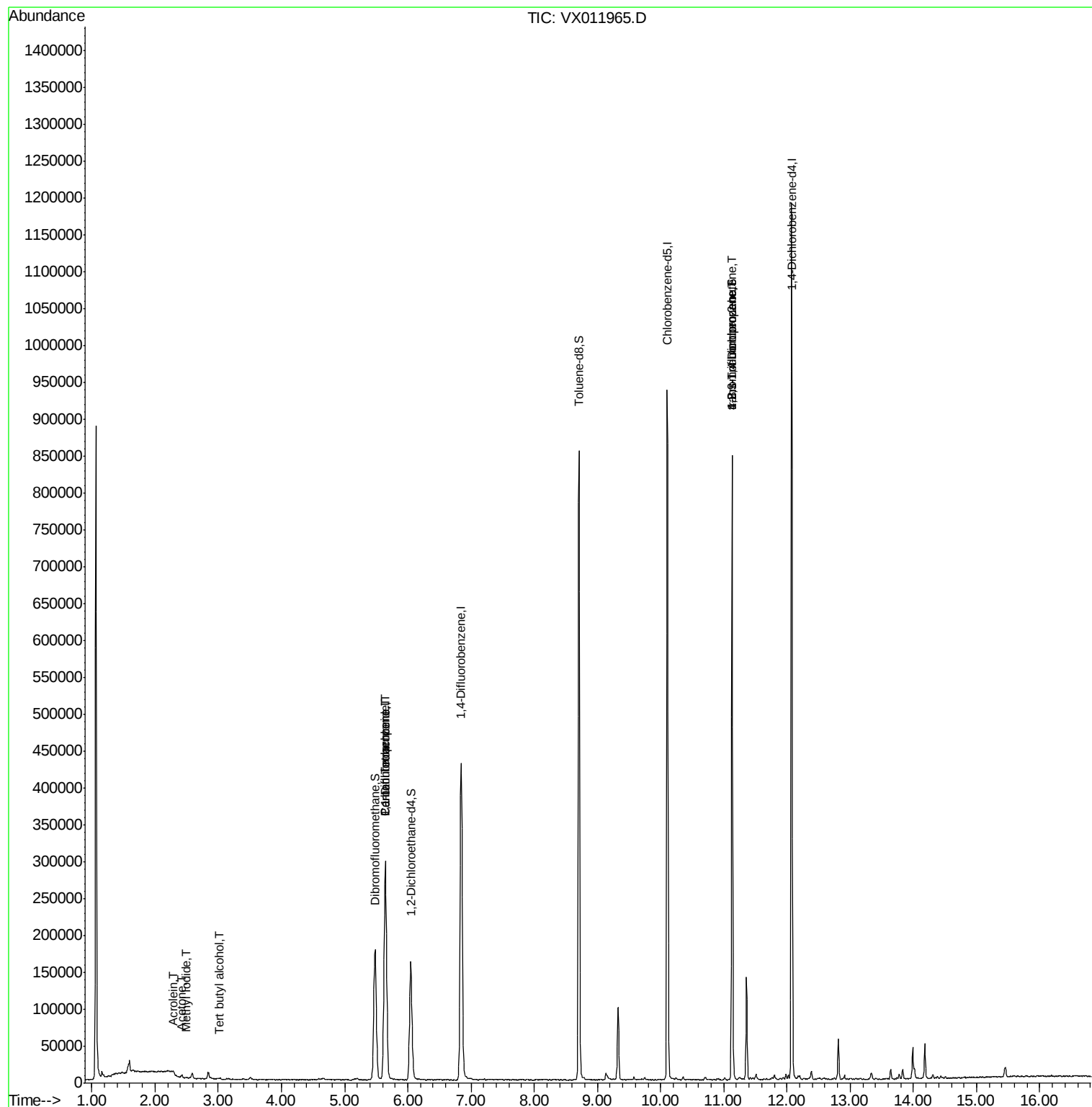
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	1215	4.112	ug/l #	76
11) Tert butyl alcohol	3.01	59	1447	5.017	ug/l #	65
13) Acrolein	2.28	56	208	1.449	ug/l #	1
16) Acetone	2.43	43	3502	5.429	ug/l	93
20) Methylene Chloride	2.84	84	4729	Below Cal		94
36) 1,1-Dichloropropene	5.64	75	18970	5.290	ug/l #	51
38) Carbon Tetrachloride	5.64	117	26505	6.373	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	106262	42.771	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	106262	107.449	ug/l #	11

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

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Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL03

Quant Time: Sep 01 01:54:07 2019
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: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011965.D

Acq: 31 Aug 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

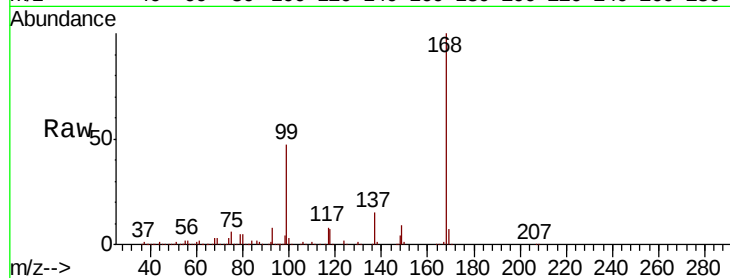
VX0831SBL03

Tgt Ion:168 Resp: 312890

Ion Ratio Lower Upper

168 100

99 47.4 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

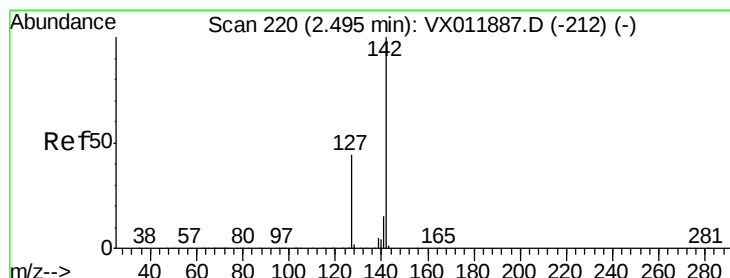
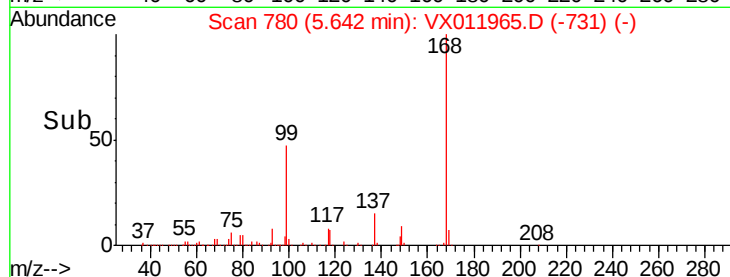
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.112 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011965.D

Acq: 31 Aug 2019 22:44

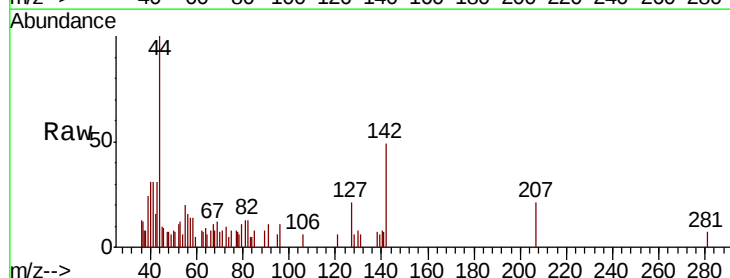
Tgt Ion:142 Resp: 1215

Ion Ratio Lower Upper

142 100

127 63.0 35.7 53.5#

141 19.8 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

600

500

400

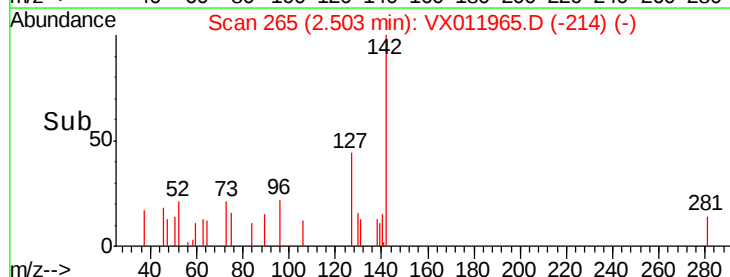
300

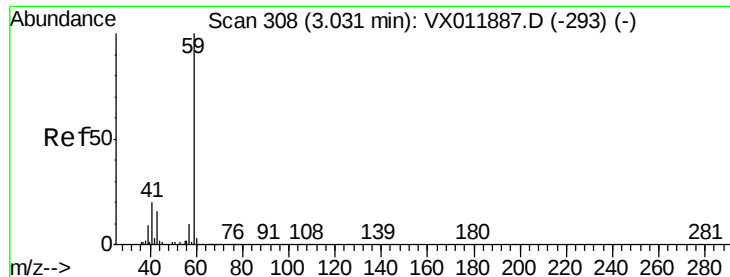
200

100

0

Time-->



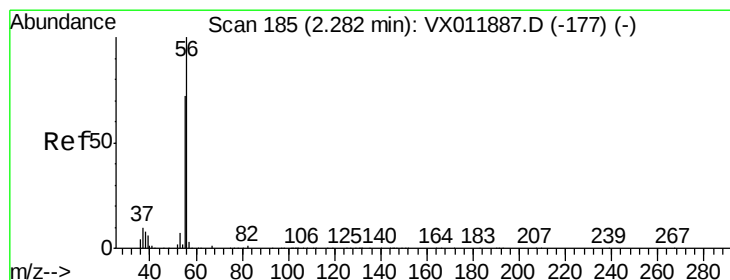
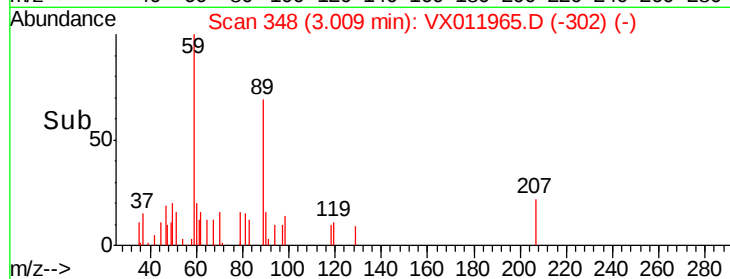
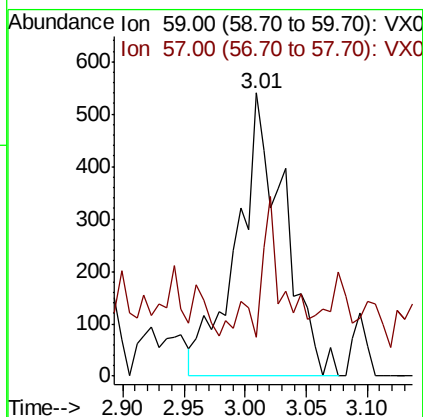
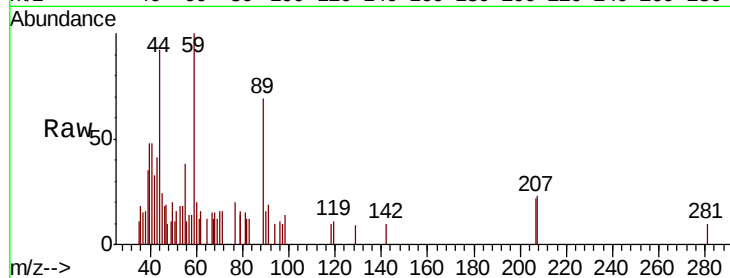


#11

Tert butyl alcohol
 Concen: 5.017 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VX011965.D
 Acq: 31 Aug 2019 22:44

Instrument :
 MSVOA_X
 ClientSampled :
 VX0831SBL03

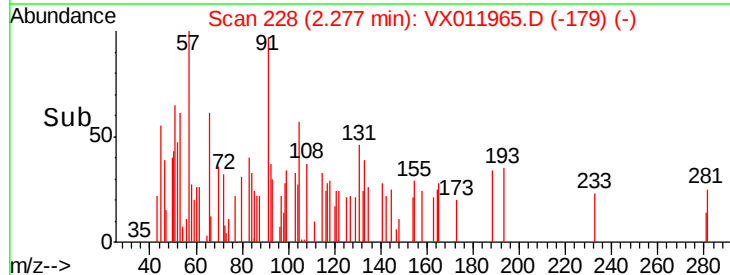
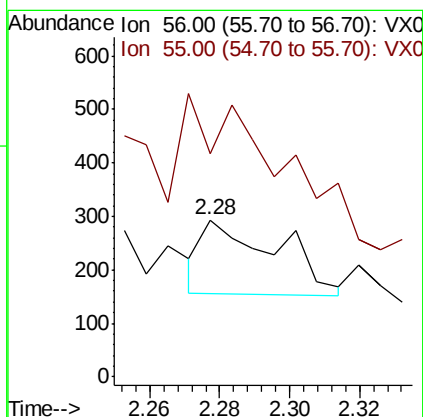
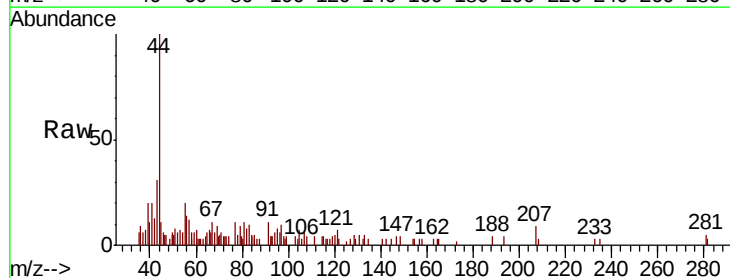
Tgt Ion: 59 Resp: 1447
 Ion Ratio Lower Upper
 59 100
 57 24.0 8.6 12.8#

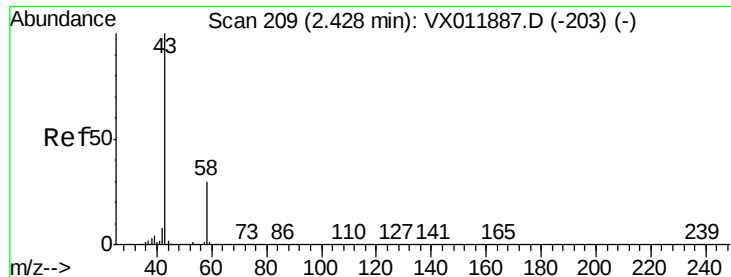


#13

Acrolein
 Concen: 1.449 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VX011965.D
 Acq: 31 Aug 2019 22:44

Tgt Ion: 56 Resp: 208
 Ion Ratio Lower Upper
 56 100
 55 291.3 58.6 88.0#





#16

Acetone

Concen: 5.429 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011965.D

Acq: 31 Aug 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

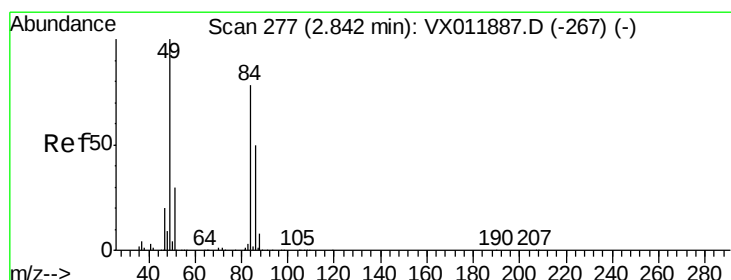
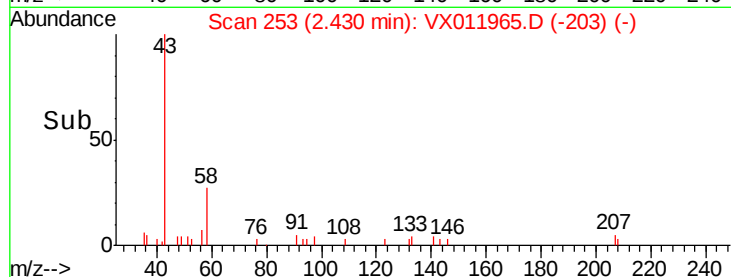
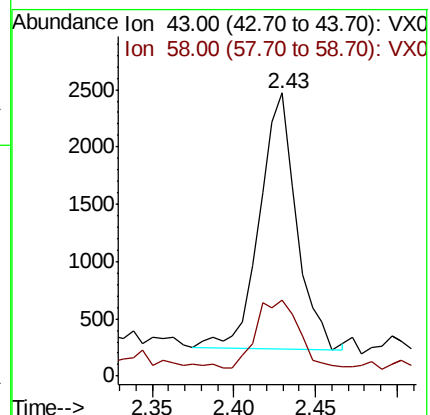
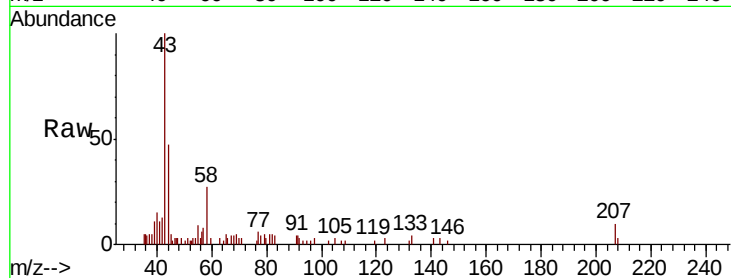
VX0831SBL03

Tgt Ion: 43 Resp: 3502

Ion Ratio Lower Upper

43 100

58 26.1 23.8 35.8



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 320

Delta R.T. -0.00 min

Lab File: VX011965.D

Acq: 31 Aug 2019 22:44

Tgt Ion: 84 Resp: 4729

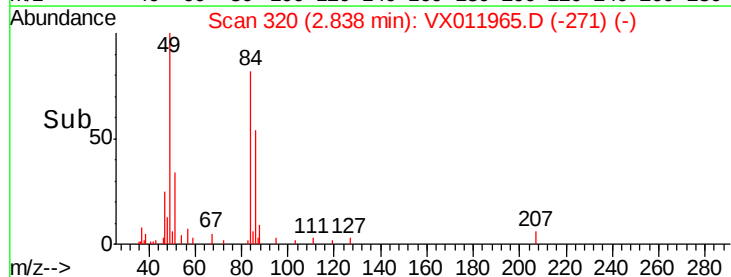
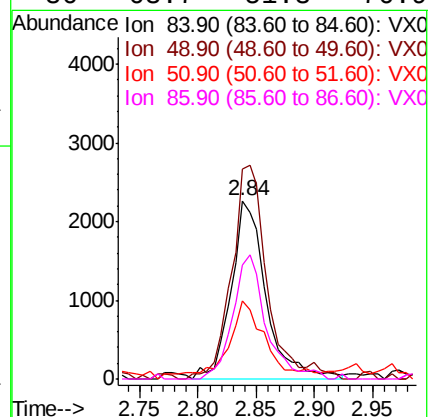
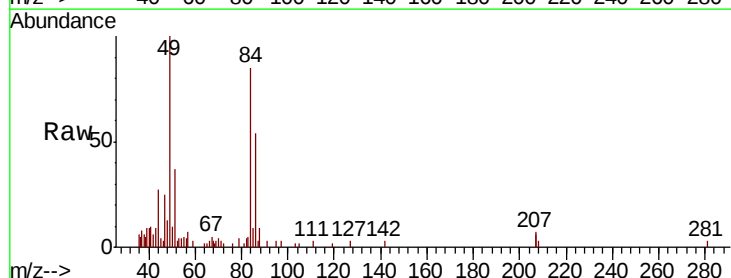
Ion Ratio Lower Upper

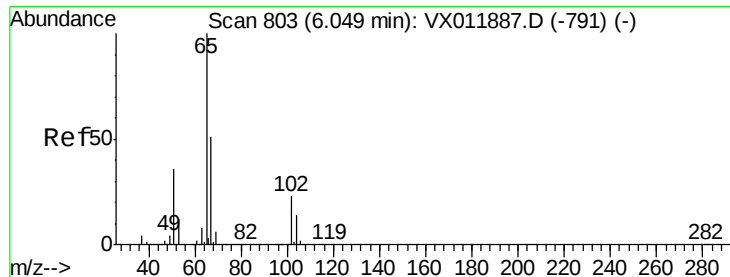
84 100

49 118.0 103.0 154.4

51 40.6 30.8 46.2

86 63.7 51.3 76.9

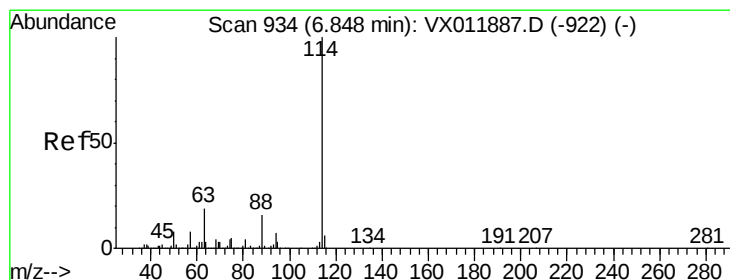
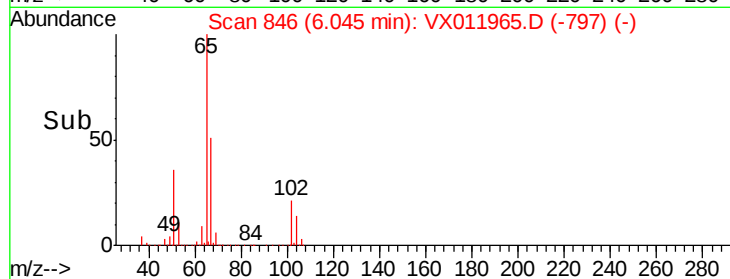
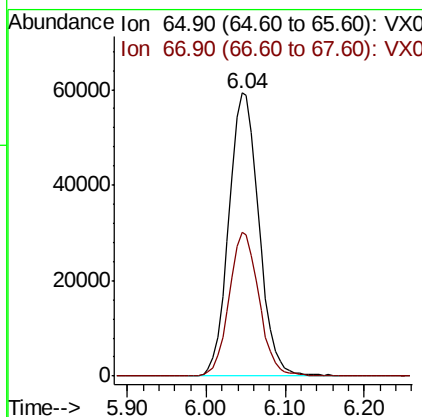
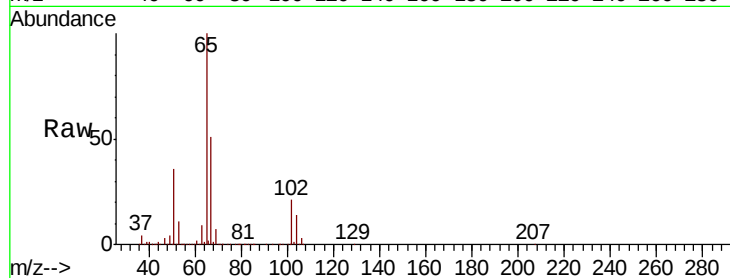




#33
 1,2-Dichloroethane-d4
 Concen: 52.308 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VX011965.D
 Acq: 31 Aug 2019 22:44

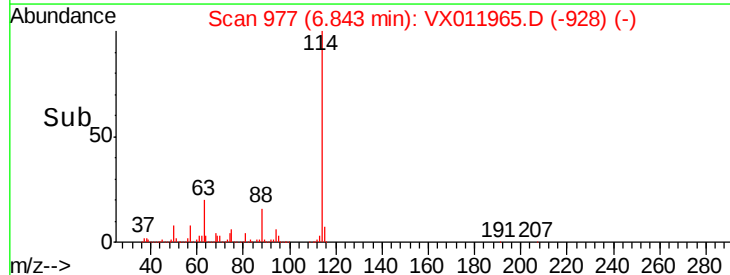
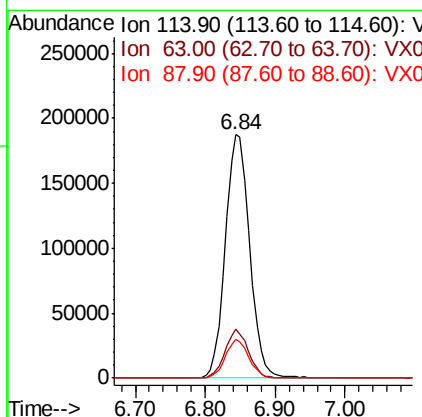
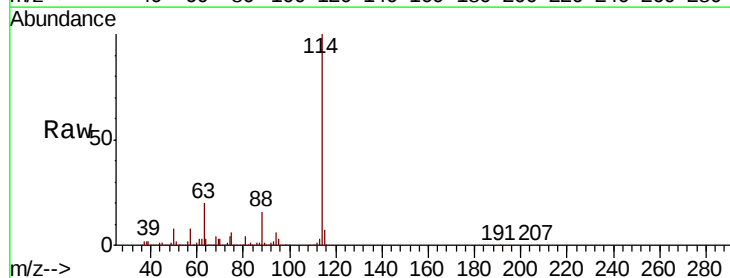
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831SBL03

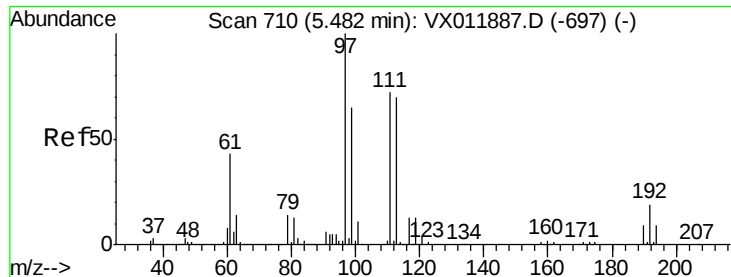
Tgt Ion: 65 Resp: 156808
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VX011965.D
 Acq: 31 Aug 2019 22:44

Tgt Ion: 114 Resp: 452642
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 15.8 0.0 31.2

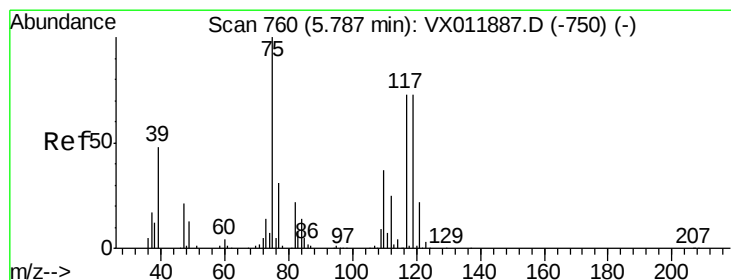
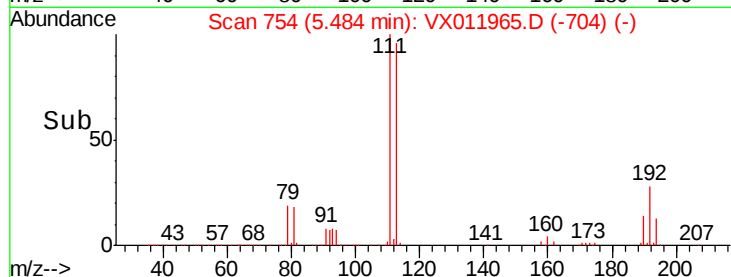
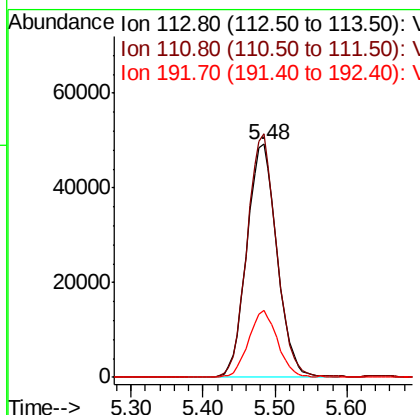
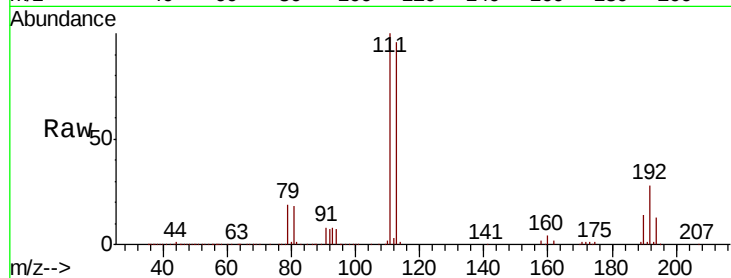




#35
 Dibromofluoromethane
 Concen: 49.347 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011965.D
 Acq: 31 Aug 2019 22:44

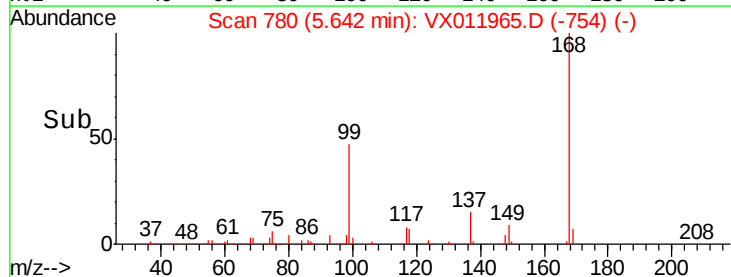
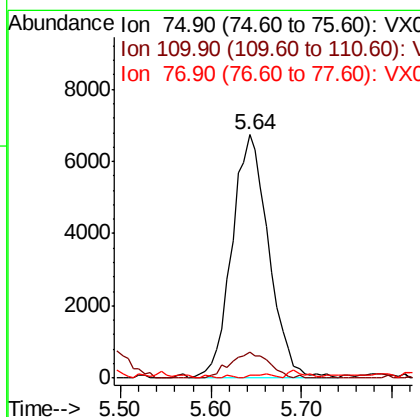
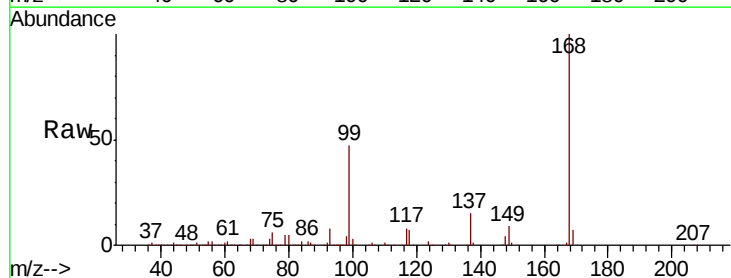
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831SBL03

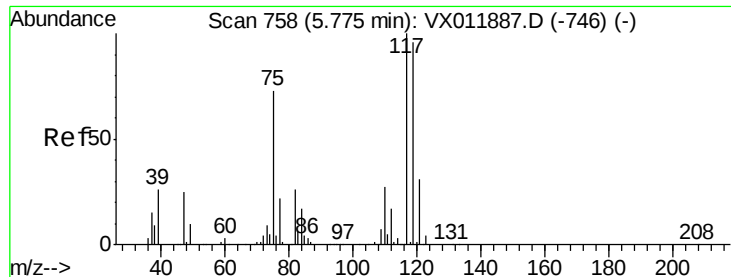
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.1	123.1
192	27.5	21.5	32.3



#36
 1,1-Dichloropropene
 Concen: 5.290 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.14 min
 Lab File: VX011965.D
 Acq: 31 Aug 2019 22:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.3	19.1	57.3#
77	1.0	24.4	36.6#





#38

Carbon Tetrachloride

Concen: 6.373 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX011965.D

Acq: 31 Aug 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831SBL03

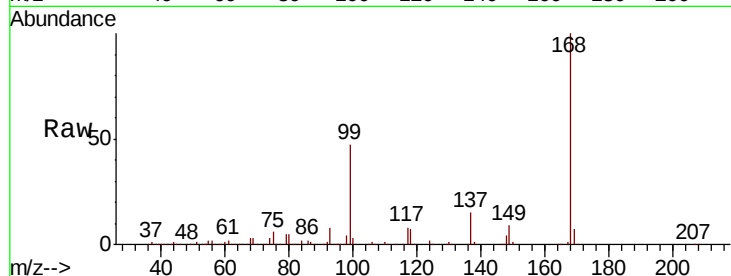
Tgt Ion:117 Resp: 26505

Ion Ratio Lower Upper

117 100

119 4.1 76.6 114.8#

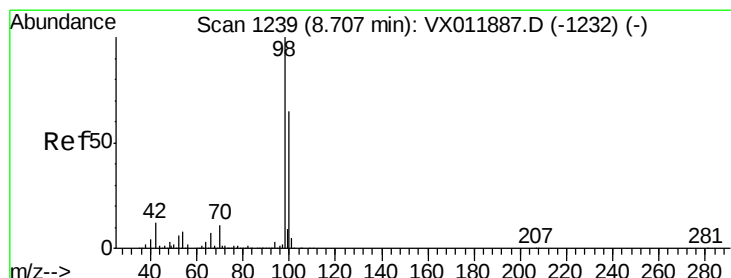
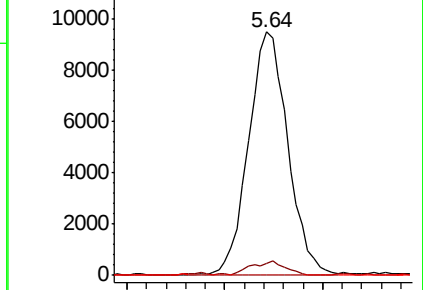
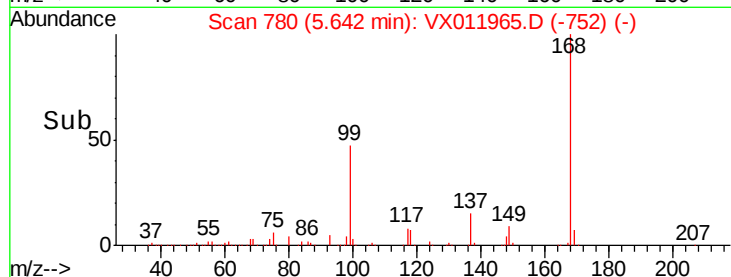
121 0.0 24.7 37.1#



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



#50

Toluene-d8

Concen: 48.894 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011965.D

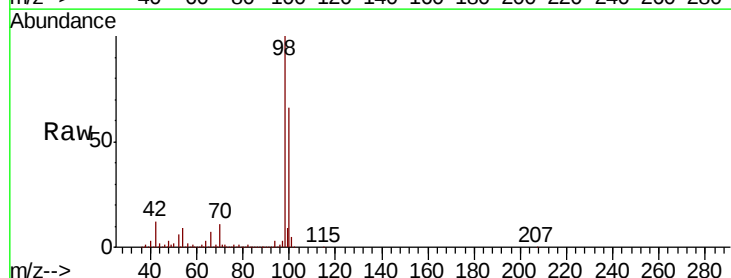
Acq: 31 Aug 2019 22:44

Tgt Ion: 98 Resp: 507302

Ion Ratio Lower Upper

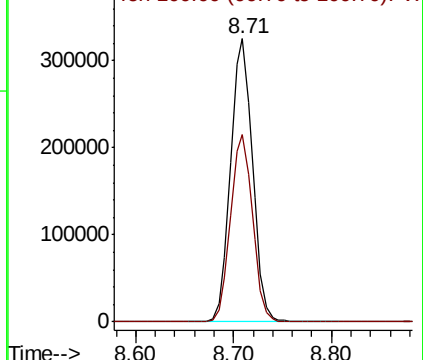
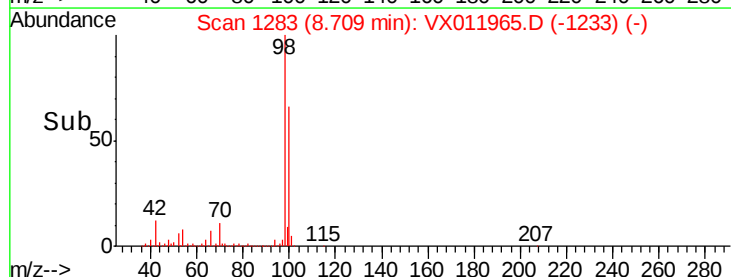
98 100

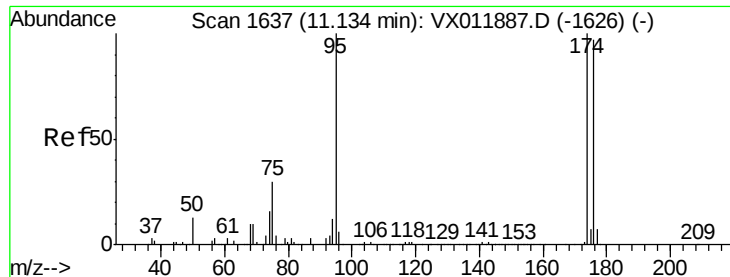
100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

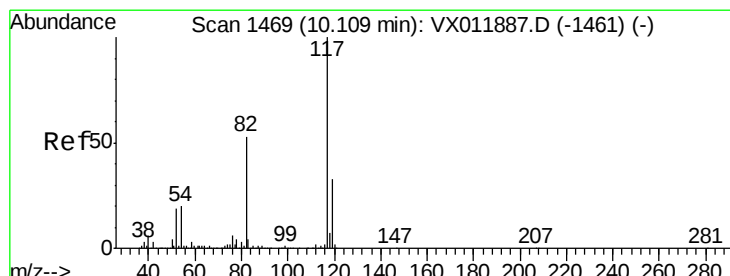
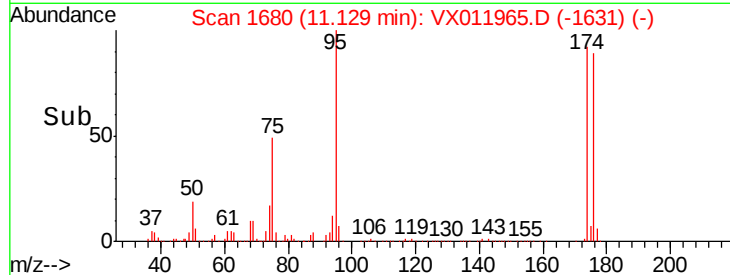
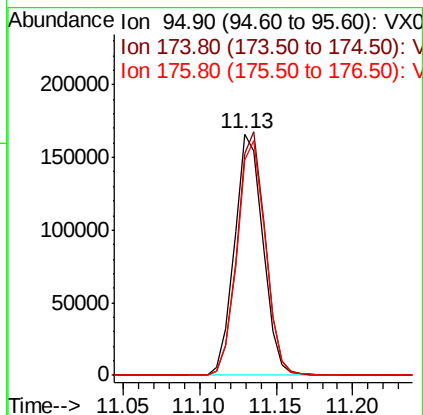
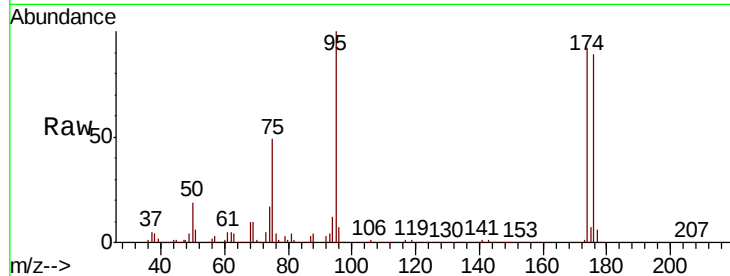




#62
4-Bromofluorobenzene
Concen: 47.027 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011965.D
Acq: 31 Aug 2019 22:44

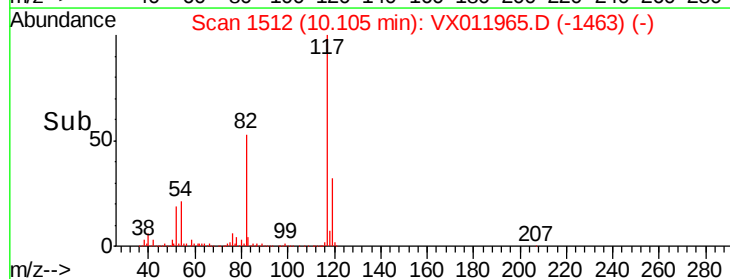
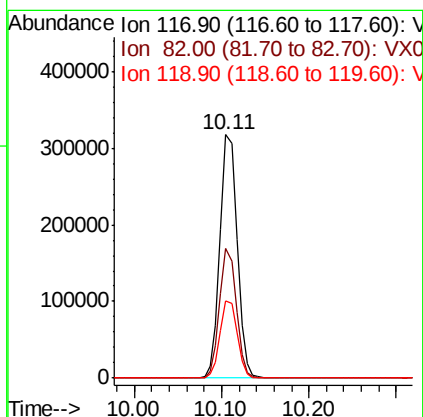
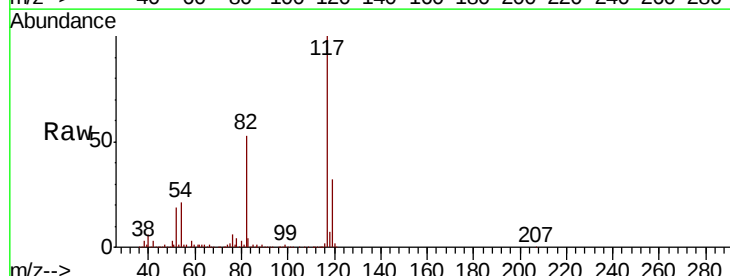
Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL03

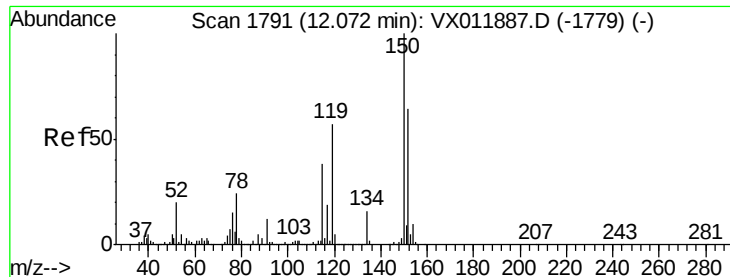
Tgt Ion: 95 Resp: 214039
Ion Ratio Lower Upper
95 100
174 99.8 0.0 196.0
176 97.2 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011965.D
Acq: 31 Aug 2019 22:44

Tgt Ion: 117 Resp: 433644
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 31.8 26.2 39.4



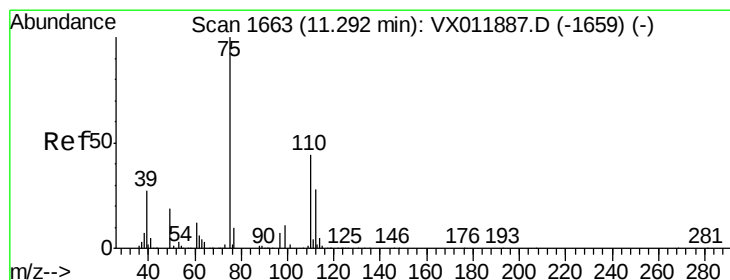
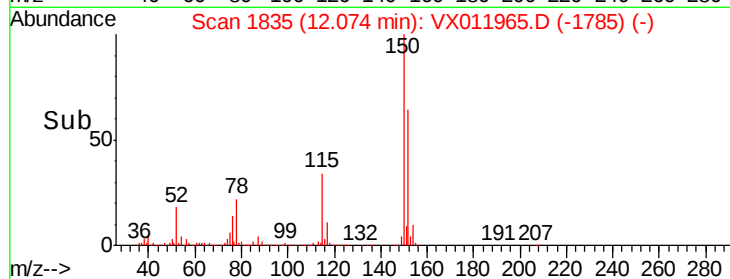
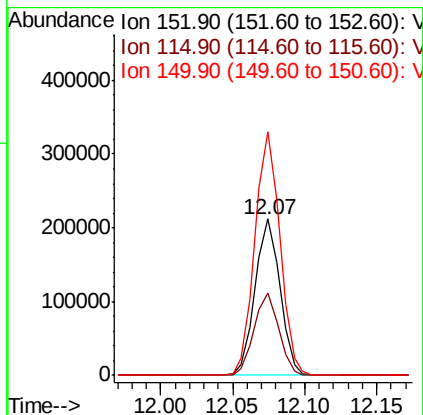
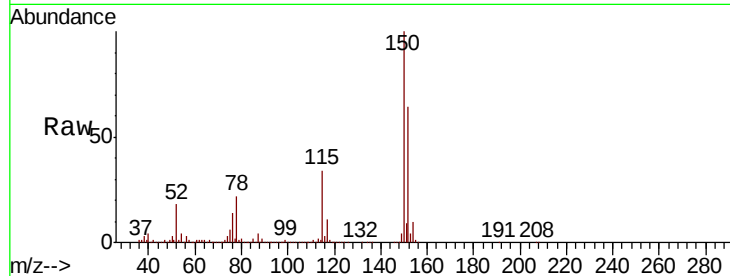


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011965.D
Acq: 31 Aug 2019 22:44

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL03

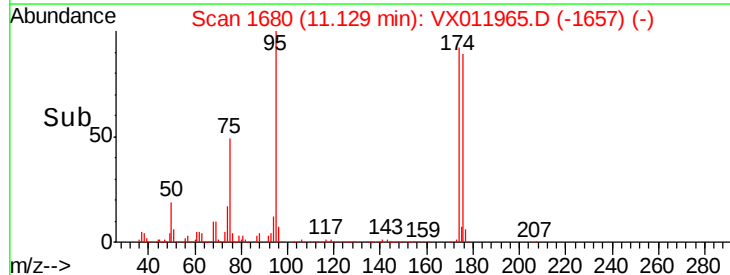
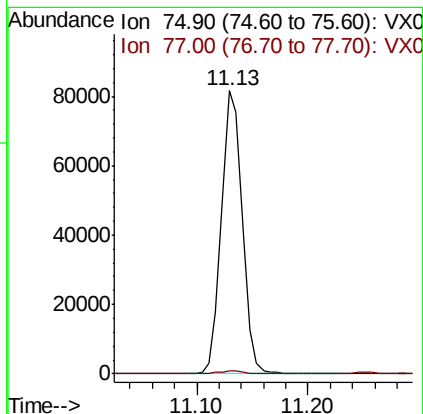
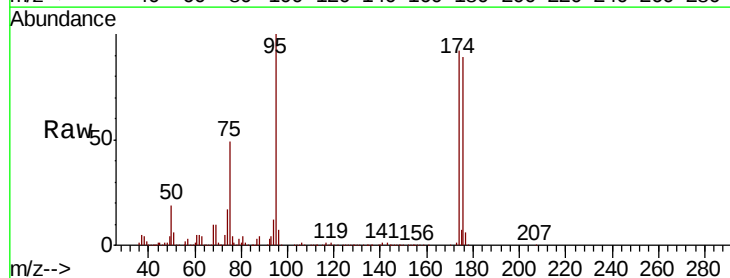
Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.1	111.3
150	156.4	0.0	339.6

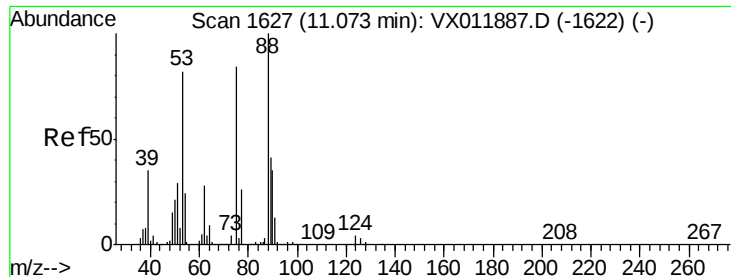


#76

1,2,3-Trichloropropane
Concen: 42.771 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011965.D
Acq: 31 Aug 2019 22:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.9	62.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 107.449 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX011965.D

Acq: 31 Aug 2019 22:44

Instrument :

MSVOA_X

ClientSampleId :

VX0831SBL03

Tgt Ion: 75 Resp: 106262

Ion Ratio Lower Upper

75 100

53 0.1 77.1 115.7#

89 0.0 38.2 57.2#

