

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011981.D
 Acq On : 01 Sep 2019 06:21
 Operator : SY/SP
 Sample : K4527-07
 Misc : 5.46g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N2-(0)

Quant Time: Sep 02 01:26:10 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	418647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	531154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	416396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150754	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	167203	41.69	ug/l	0.00
Spiked Amount			Recovery	=	83.38%	
35) Dibromofluoromethane	5.48	113	155829	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	
50) Toluene-d8	8.71	98	582465	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.14	95	169627	31.76	ug/l	0.00
Spiked Amount			Recovery	=	63.52%	

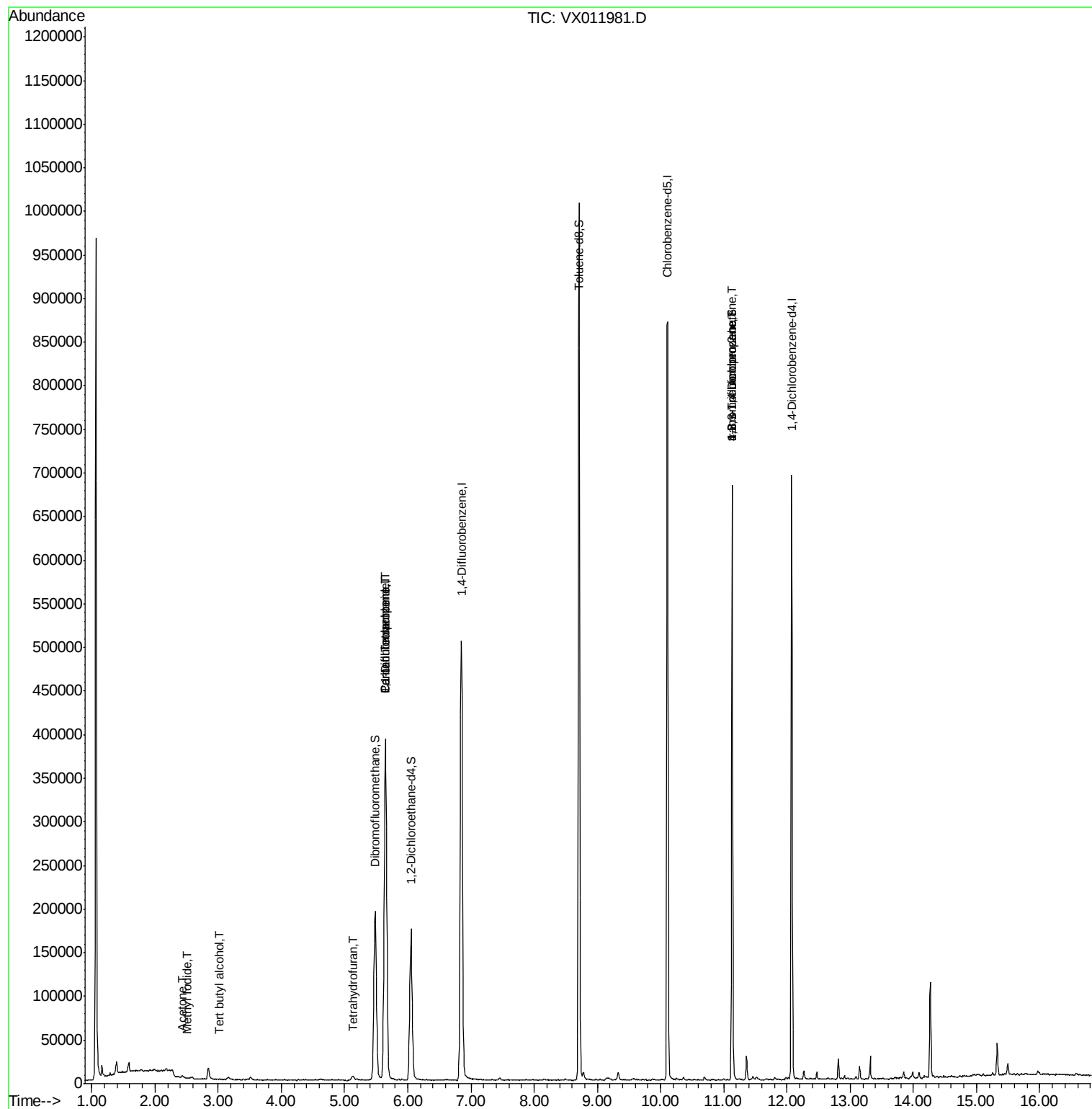
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	138	3.713	ug/l #	1
11) Tert butyl alcohol	3.03	59	590	1.529	ug/l #	72
16) Acetone	2.43	43	2895	3.355	ug/l #	85
20) Methylene Chloride	2.84	84	6860	Below Cal		92
29) Tetrahydrofuran	5.12	42	4615	5.882	ug/l #	85
36) 1,1-Dichloropropene	5.64	75	24700	5.870	ug/l #	51
38) Carbon Tetrachloride	5.65	117	35863	7.348	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	84905	57.253	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	84905	143.830	ug/l #	11

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
T9-12-13-N2-(0)

Quant Time: Sep 02 01:26:10 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: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011981.D

Acq: 01 Sep 2019 06:21

Instrument :

MSVOA_X

ClientSampleId :

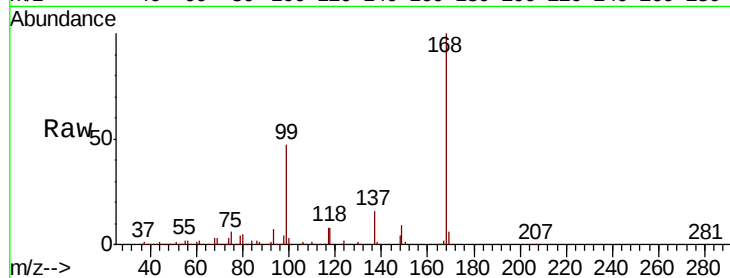
T9-12-13-N2-(0)

Tgt Ion:168 Resp: 418647

Ion Ratio Lower Upper

168 100

99 46.7 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

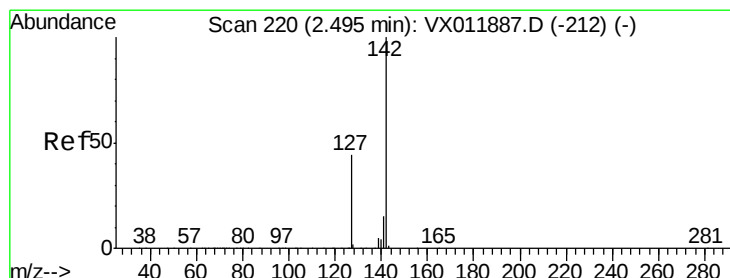
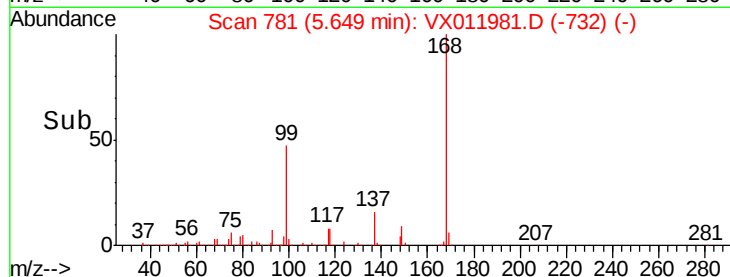
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 3.713 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011981.D

Acq: 01 Sep 2019 06:21

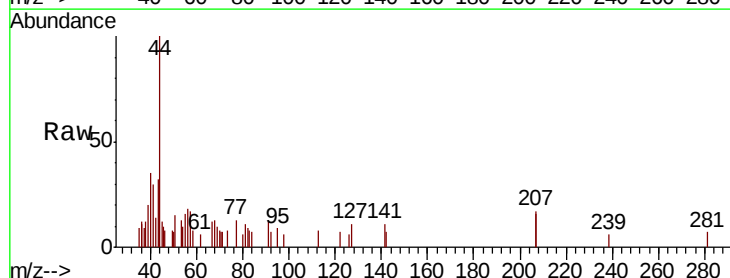
Tgt Ion:142 Resp: 138

Ion Ratio Lower Upper

142 100

127 157.2 35.7 53.5#

141 0.0 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

200

150

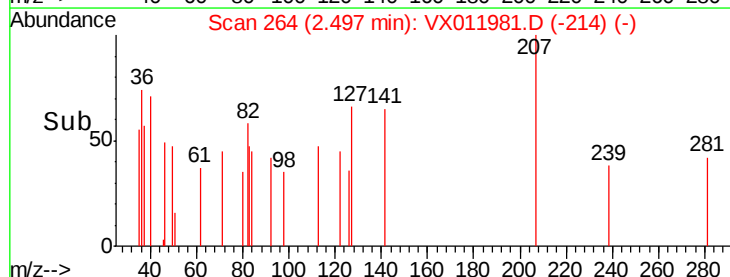
100

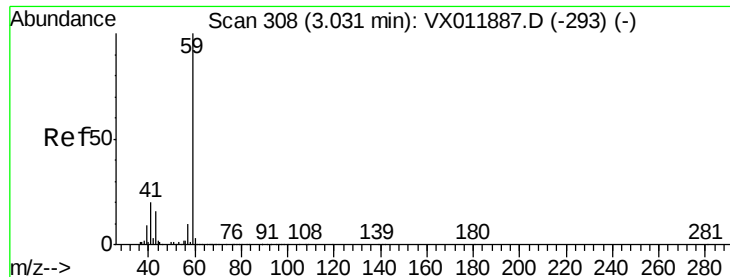
50

0

2.46 2.48 2.50 2.52

Time-->

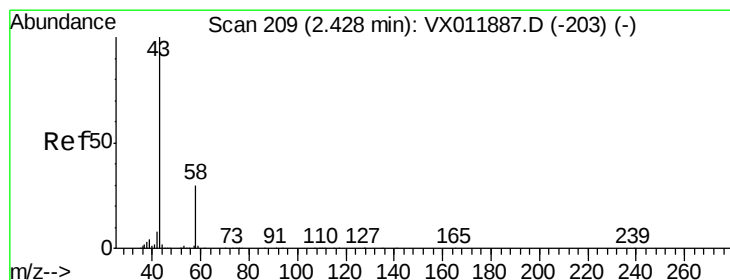
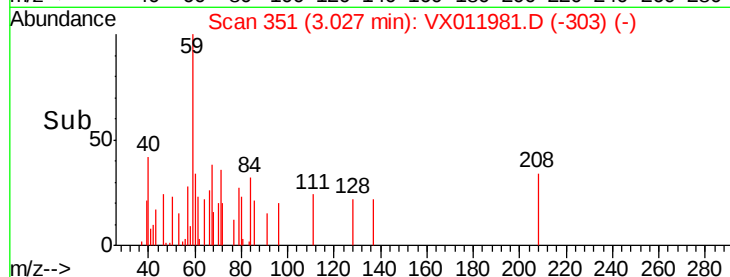
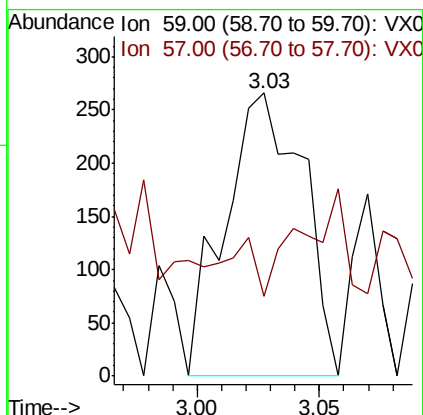
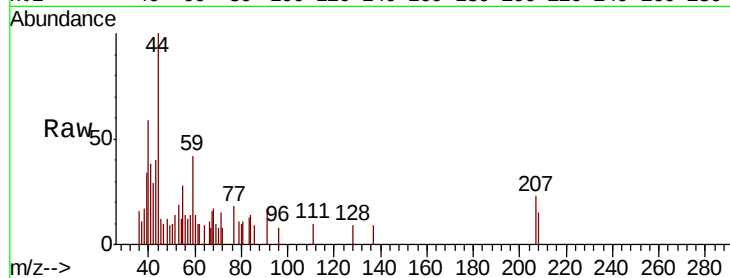




#11
Tert butyl alcohol
Concen: 1.529 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

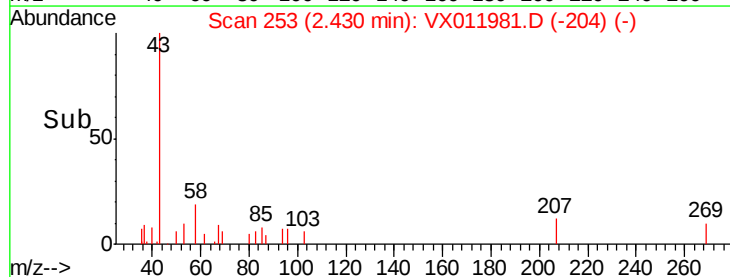
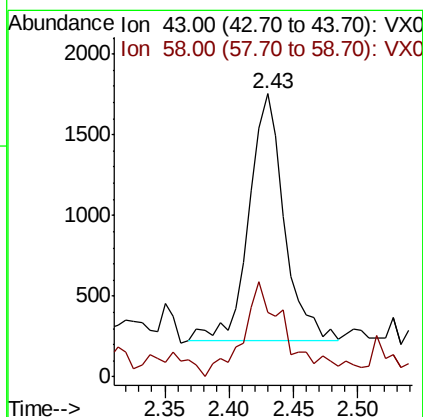
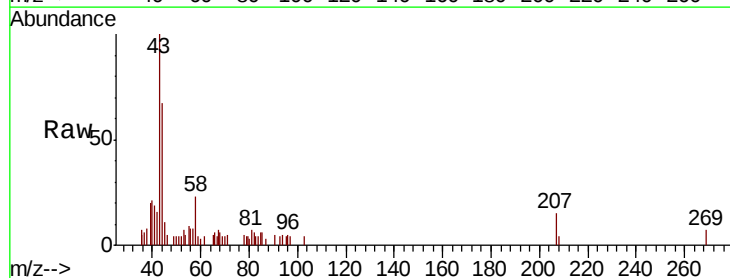
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N2-(0)

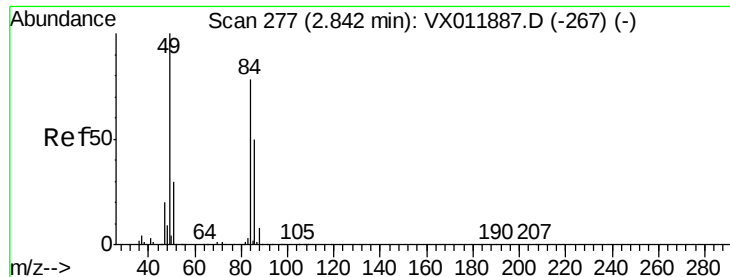
Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 3.355 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

Tgt Ion: 43 Resp: 2895
Ion Ratio Lower Upper
43 100
58 21.9 23.8 35.8#

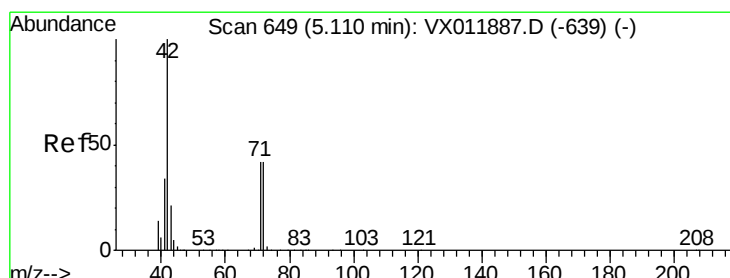
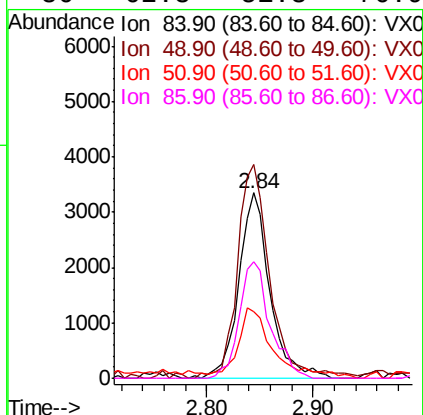
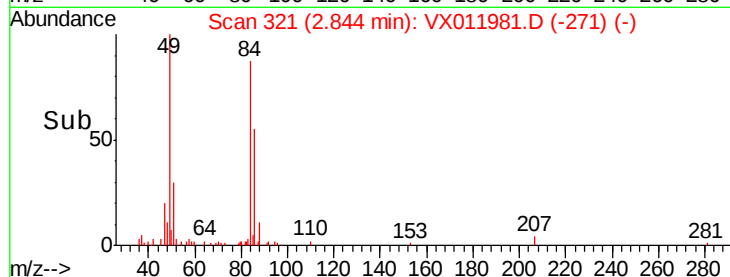
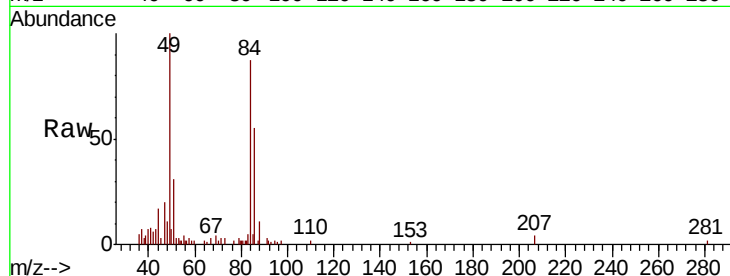




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

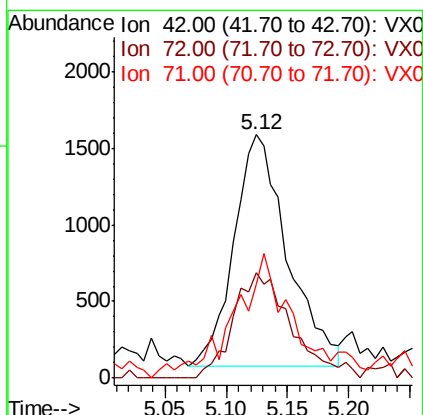
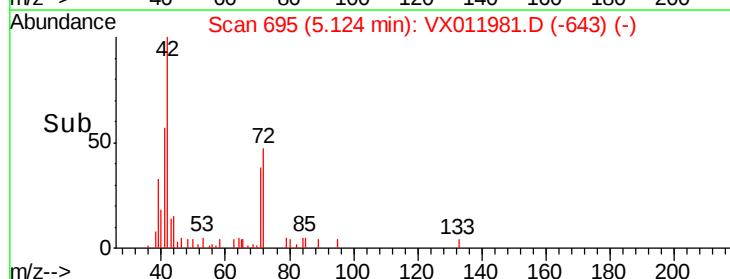
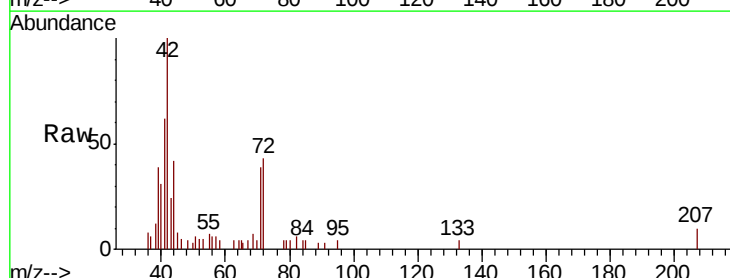
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N2-(0)

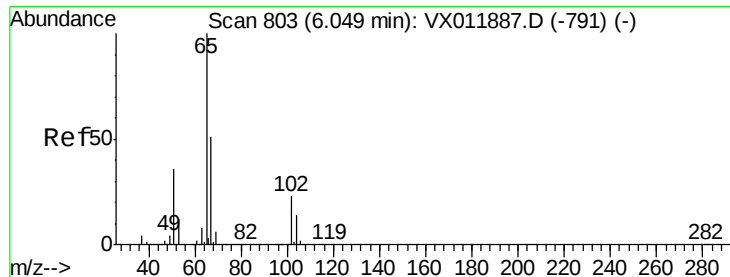
Tgt Ion:	84	Resp:	6860
Ion	Ratio	Lower	Upper
84	100		
49	115.1	103.0	154.4
51	34.4	30.8	46.2
86	62.8	51.3	76.9



#29
Tetrahydrofuran
Concen: 5.882 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

Tgt Ion:	42	Resp:	4615
Ion	Ratio	Lower	Upper
42	100		
72	49.4	36.2	54.4
71	56.4	33.1	49.7#

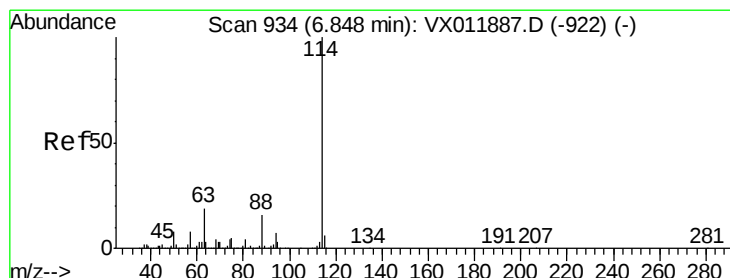
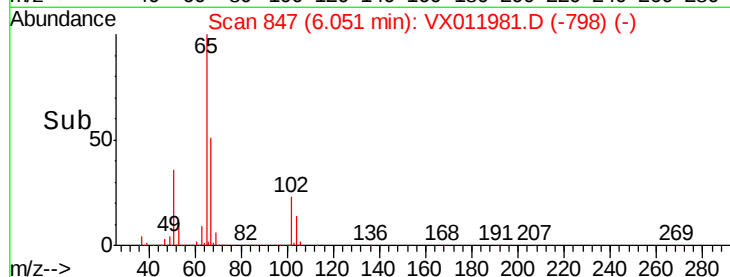
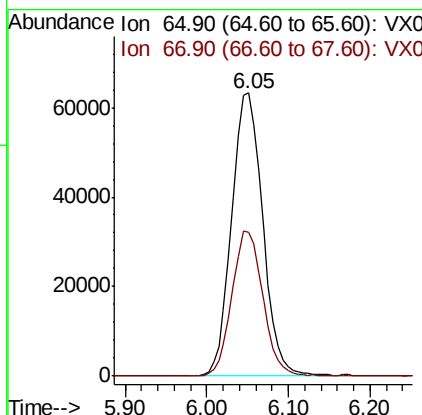
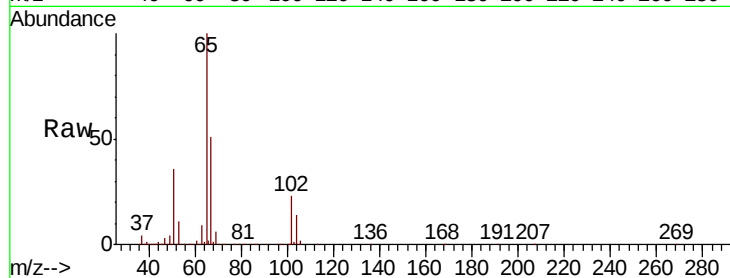




#33
 1,2-Dichloroethane-d4
 Concen: 41.686 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011981.D
 Acq: 01 Sep 2019 06:21

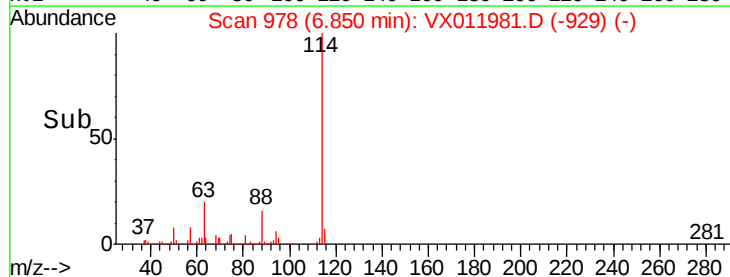
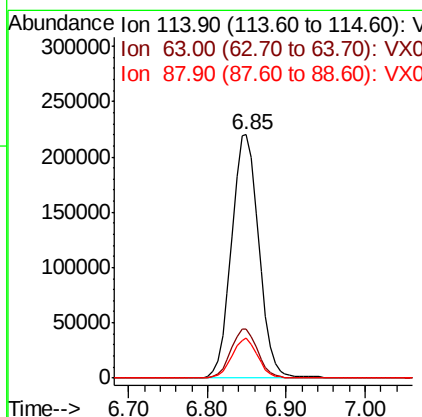
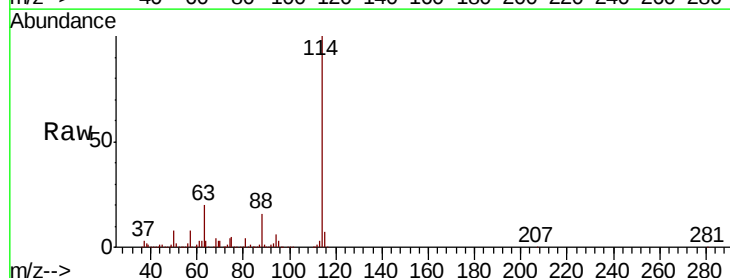
Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-N2-(0)

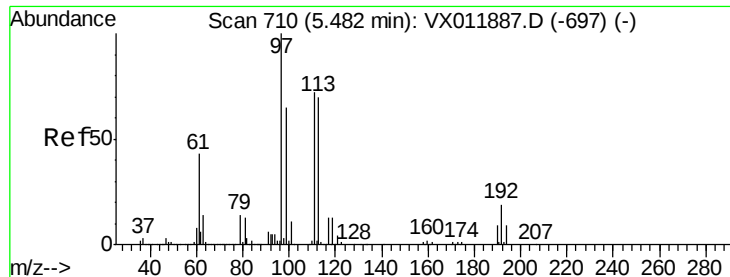
Tgt Ion: 65 Resp: 167203
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011981.D
 Acq: 01 Sep 2019 06:21

Tgt Ion: 114 Resp: 531154
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.8
 88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.752 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011981.D

Acq: 01 Sep 2019 06:21

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-N2-(0)

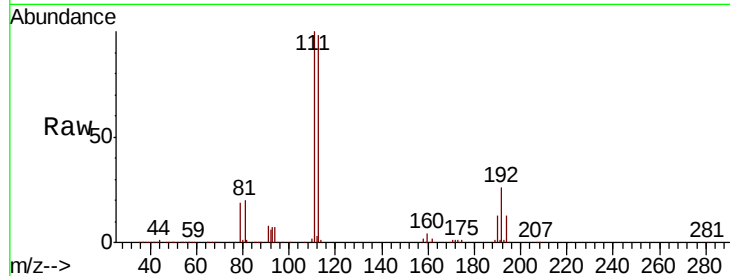
Tgt Ion:113 Resp: 155829

Ion Ratio Lower Upper

113 100

111 103.1 82.1 123.1

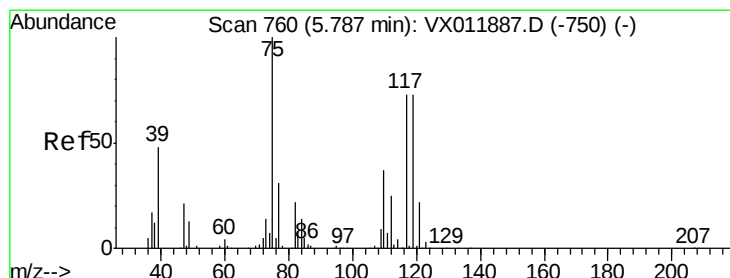
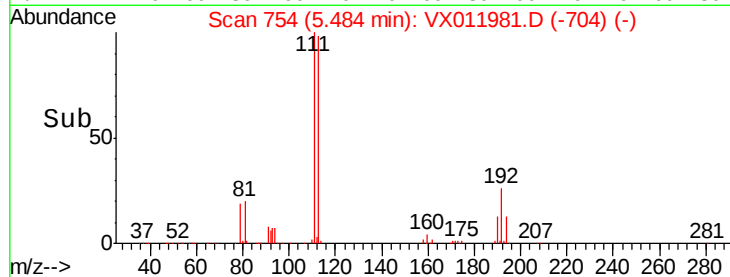
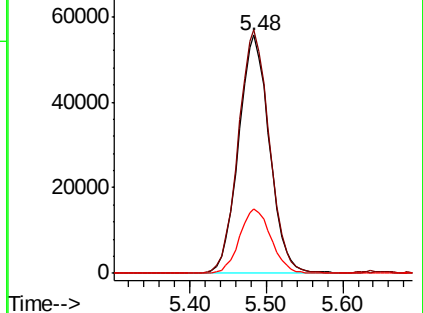
192 27.7 21.5 32.3



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: 5.870 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.14 min

Lab File: VX011981.D

Acq: 01 Sep 2019 06:21

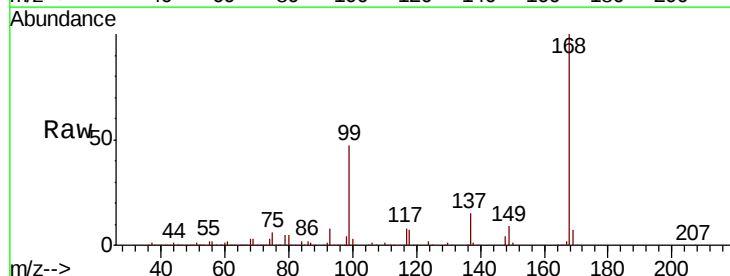
Tgt Ion: 75 Resp: 24700

Ion Ratio Lower Upper

75 100

110 10.7 19.1 57.3#

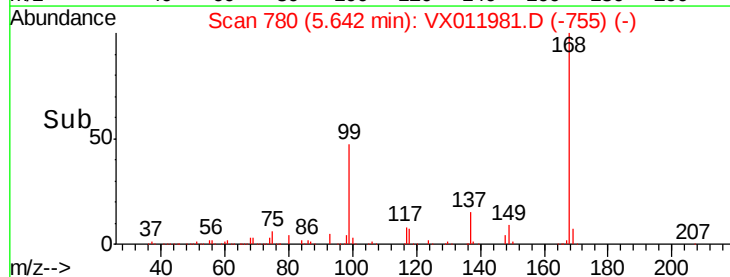
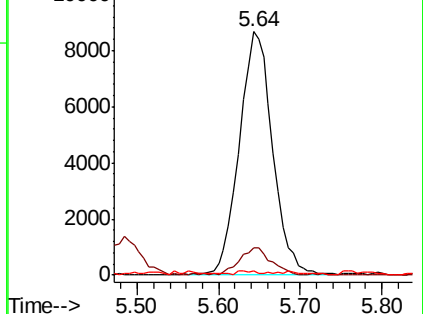
77 1.0 24.4 36.6#

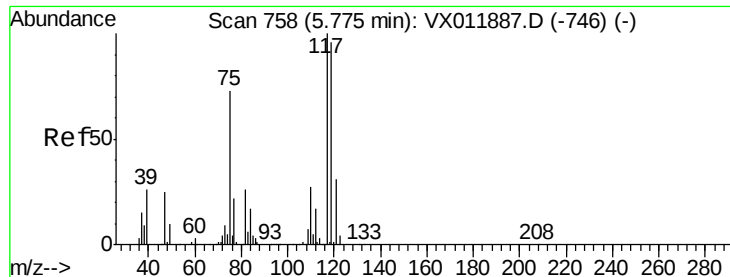


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.348 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011981.D

Acq: 01 Sep 2019 06:21

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-N2-(0)

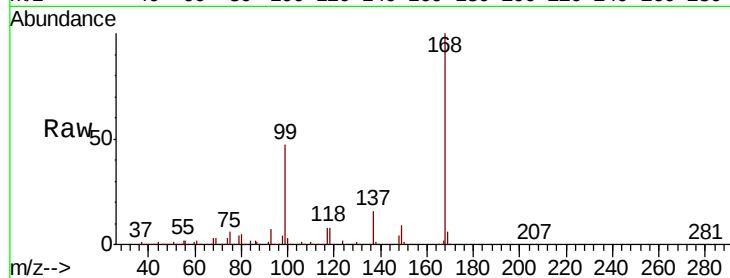
Tgt Ion:117 Resp: 35863

Ion Ratio Lower Upper

117 100

119 3.6 76.6 114.8#

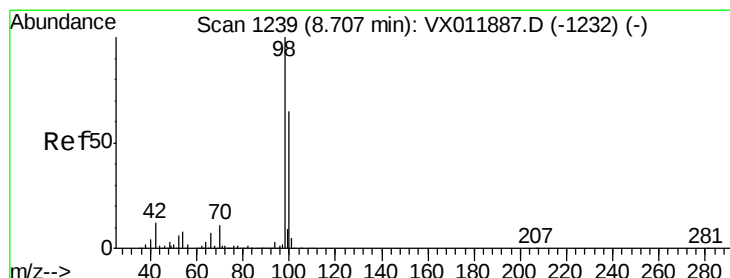
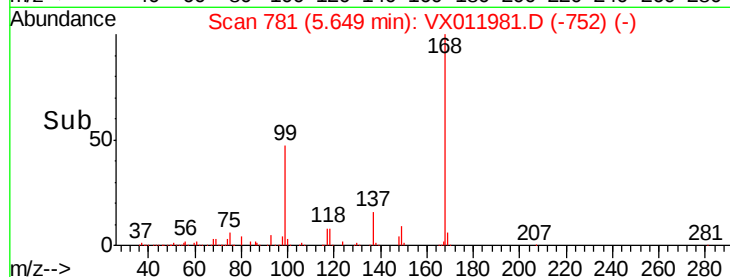
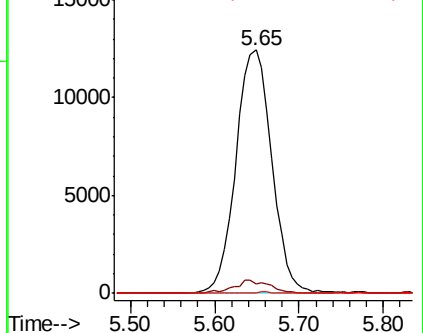
121 0.0 24.7 37.1#



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: 47.840 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011981.D

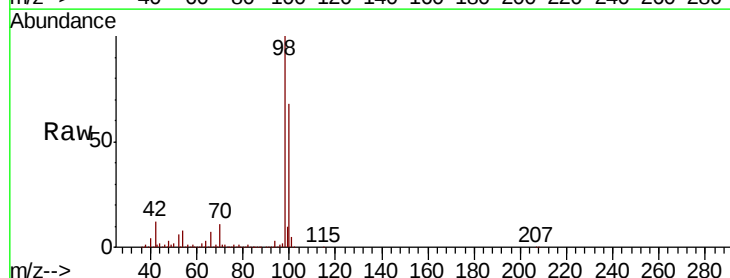
Acq: 01 Sep 2019 06:21

Tgt Ion: 98 Resp: 582465

Ion Ratio Lower Upper

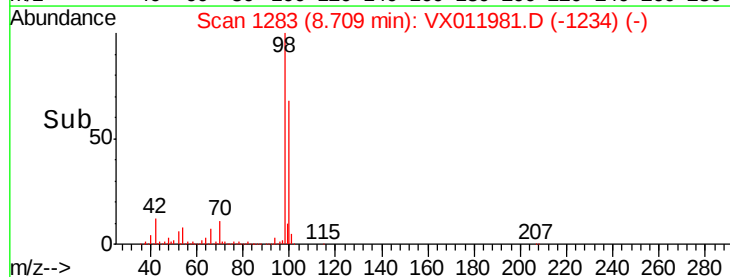
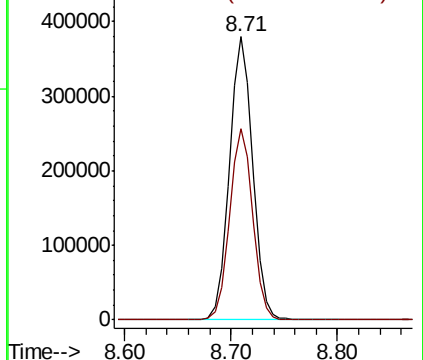
98 100

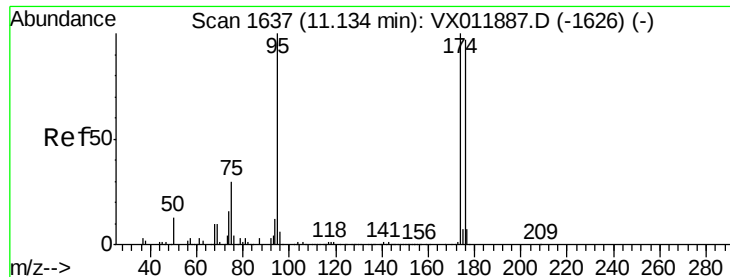
100 67.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

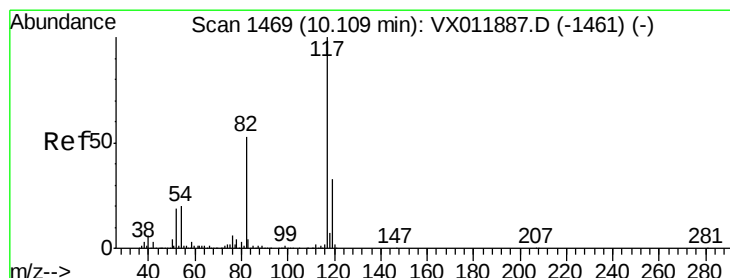
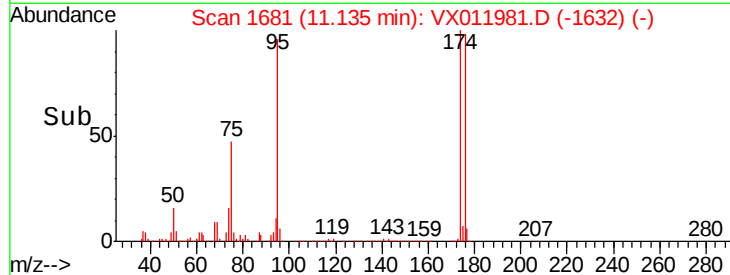
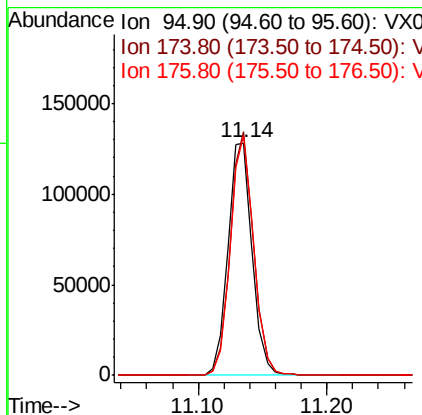
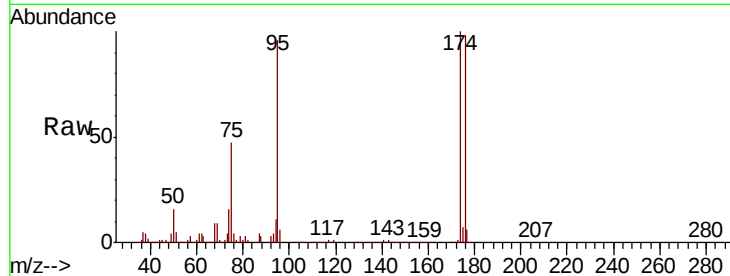




#62
4-Bromofluorobenzene
Concen: 31.760 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

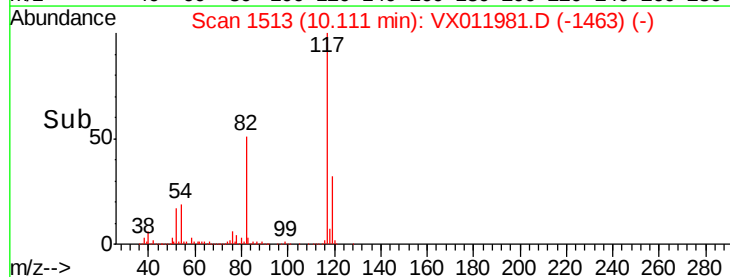
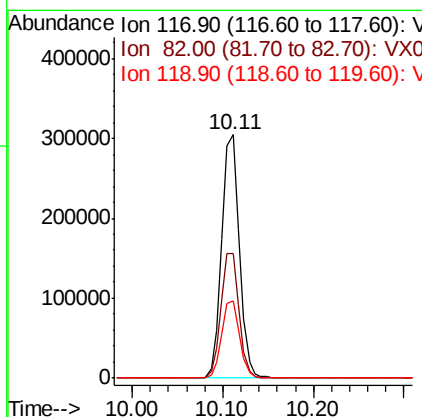
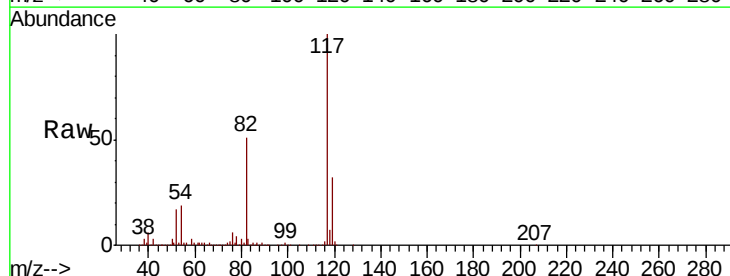
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N2-(0)

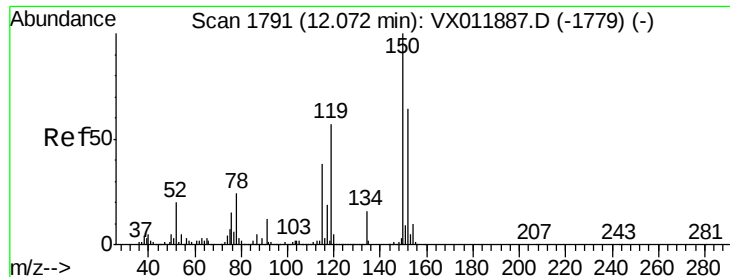
Tgt Ion: 95 Resp: 169627
Ion Ratio Lower Upper
95 100
174 100.1 0.0 196.0
176 98.8 0.0 191.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

Tgt Ion: 117 Resp: 416396
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 31.7 26.2 39.4



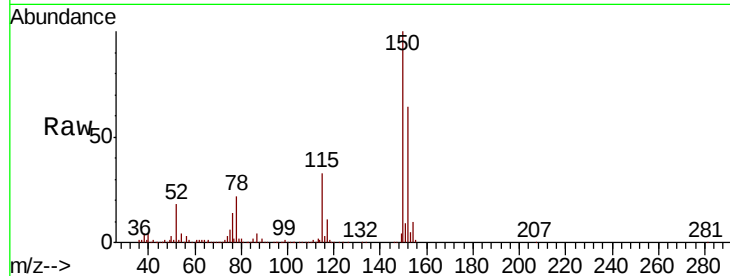


#72

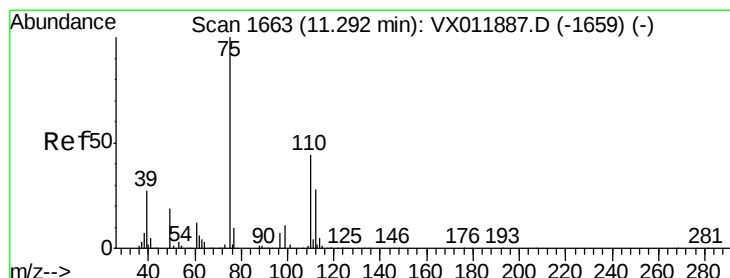
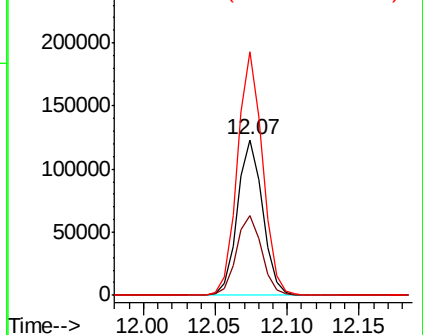
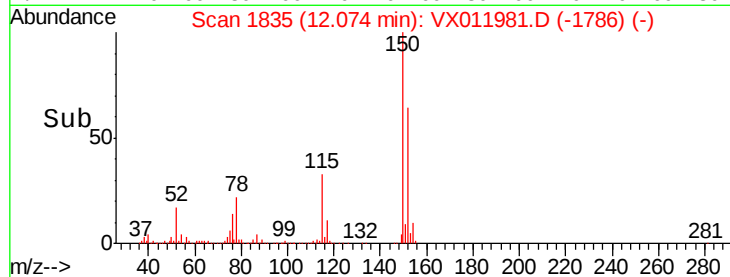
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-N2-(0)

Tgt Ion: 152 Resp: 150754
Ion Ratio Lower Upper
152 100
115 52.1 37.1 111.3
150 155.7 0.0 339.6



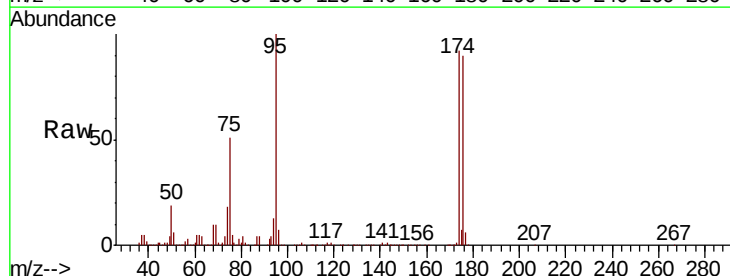
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



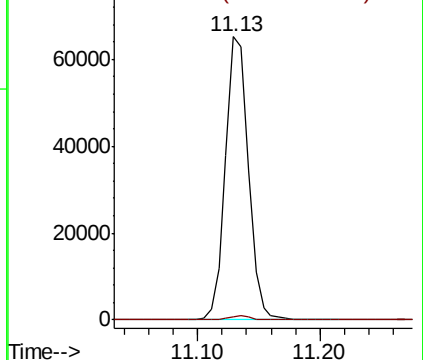
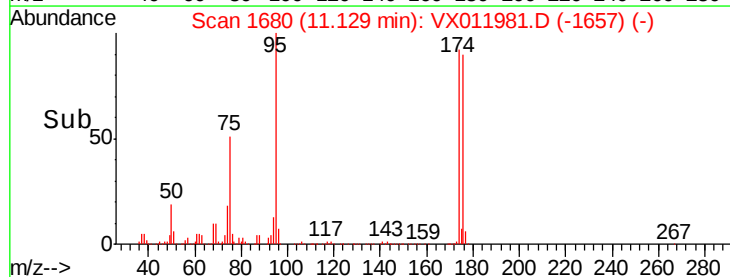
#76

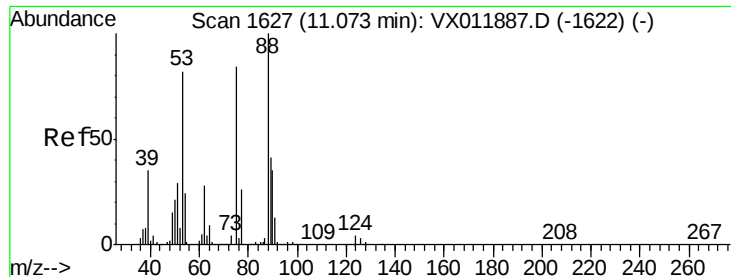
1,2,3-Trichloropropane
Concen: 57.253 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011981.D
Acq: 01 Sep 2019 06:21

Tgt Ion: 75 Resp: 84905
Ion Ratio Lower Upper
75 100
77 1.5 20.9 62.7#



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: 143.830 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX011981.D

Acq: 01 Sep 2019 06:21

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-N2-(0)

Tgt Ion: 75 Resp: 84905

Ion Ratio Lower Upper

75 100

53 0.2 77.1 115.7#

89 0.0 38.2 57.2#

