

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012260.D
 Acq On : 10 Sep 2019 17:23
 Operator : SY/SP
 Sample : K4624-07
 Misc : 3.71g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A1-(0)

Quant Time: Sep 11 01:36:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	71152	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	110277	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	5.48	113	83277	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
50) Toluene-d8	8.71	98	314069	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	105316	36.74	ug/l	0.00
Spiked Amount			Recovery	=	73.48%	

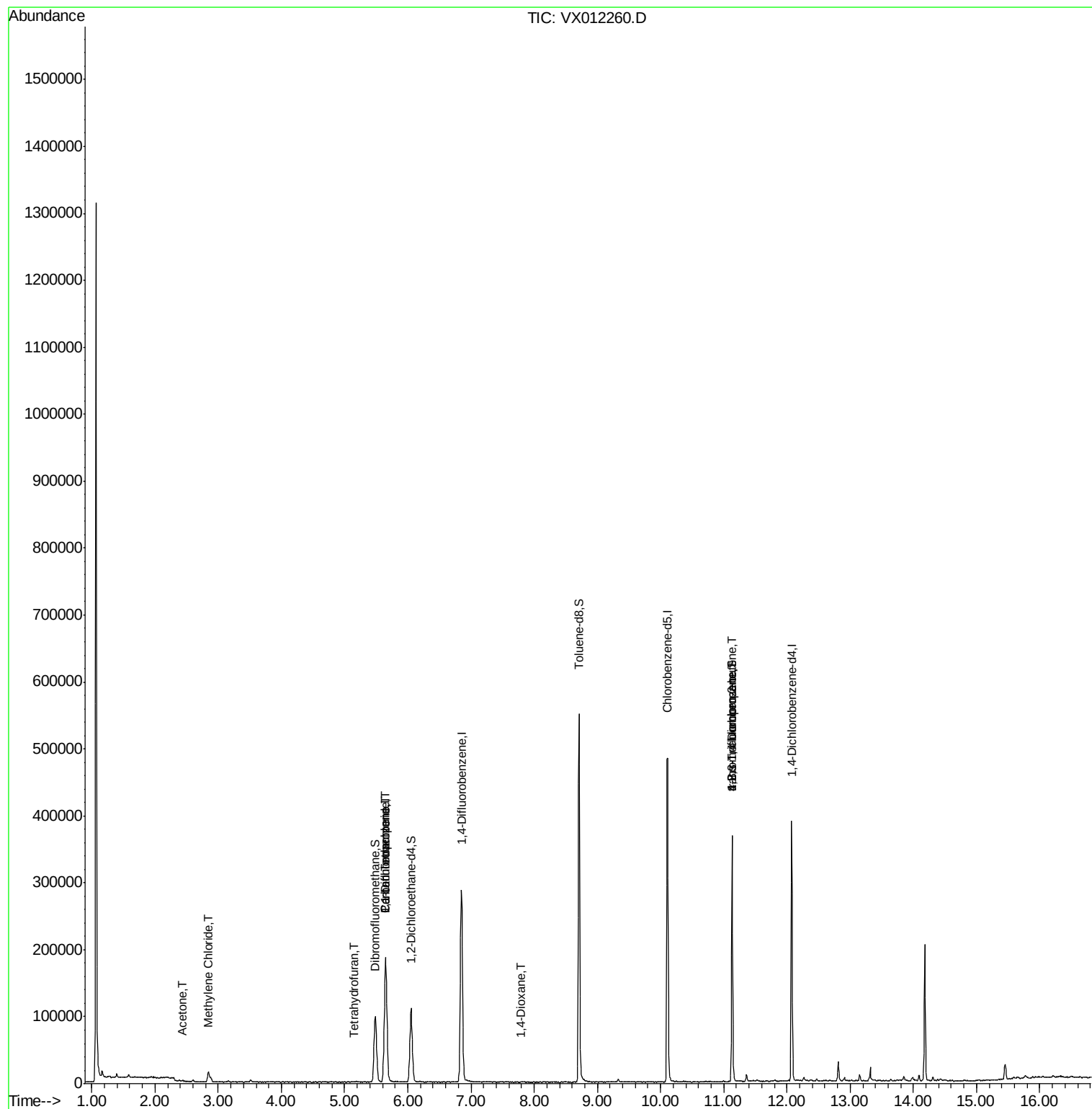
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	260	Below Cal	#	50
11) Tert butyl alcohol	3.03	59	234	Below Cal	#	1
16) Acetone	2.44	43	1824	3.493	ug/l #	83
20) Methylene Chloride	2.85	84	5946	1.071	ug/l #	85
29) Tetrahydrofuran	5.15	42	838	2.326	ug/l #	38
36) 1,1-Dichloropropene	5.64	75	14986	7.474	ug/l #	53
38) Carbon Tetrachloride	5.64	117	18789	7.987	ug/l #	13
49) 1,4-Dioxane	7.78	88	19	1.126	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	55846	61.097	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	55846	183.061	ug/l #	5

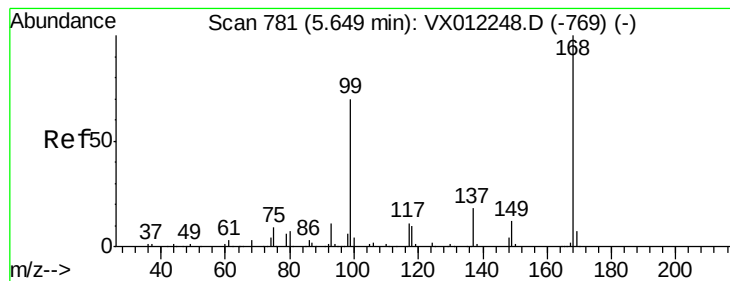
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
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QLast Update : Tue Sep 10 12:55:26 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: VX012260.D

Acq: 10 Sep 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

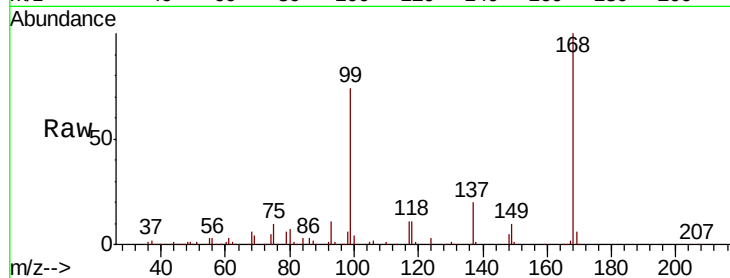
T-11-A1-(0)

Tgt Ion:168 Resp: 156036

Ion Ratio Lower Upper

168 100

99 74.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

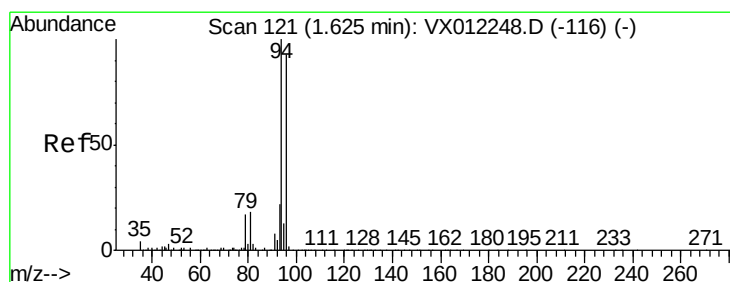
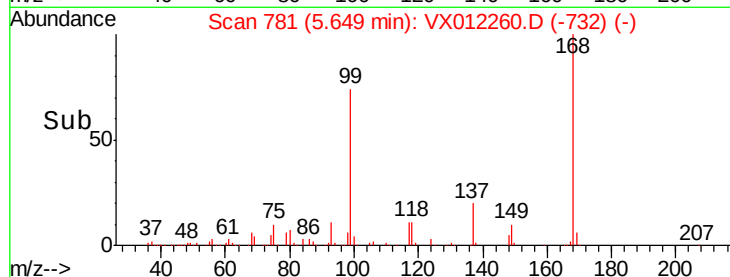
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012260.D

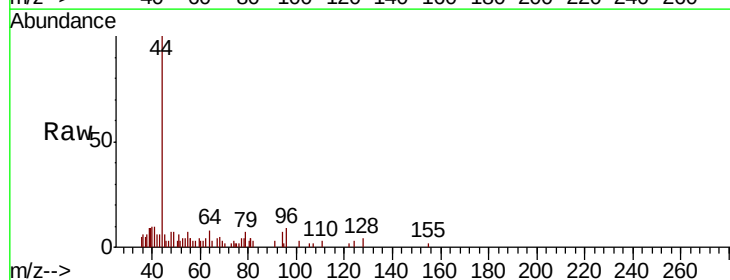
Acq: 10 Sep 2019 17:23

Tgt Ion: 94 Resp: 260

Ion Ratio Lower Upper

94 100

96 140.2 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

250

200

150

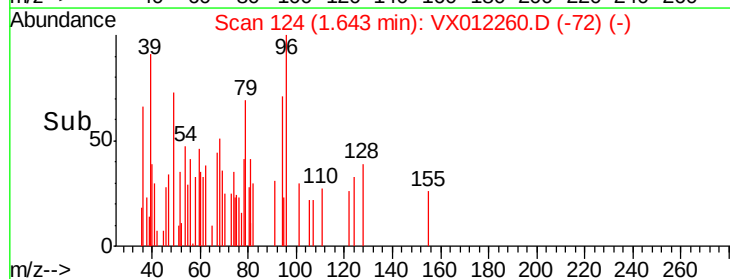
100

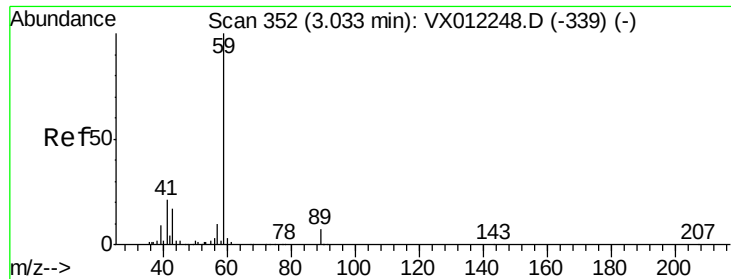
50

0

Time-->

1.60 1.62 1.64 1.66

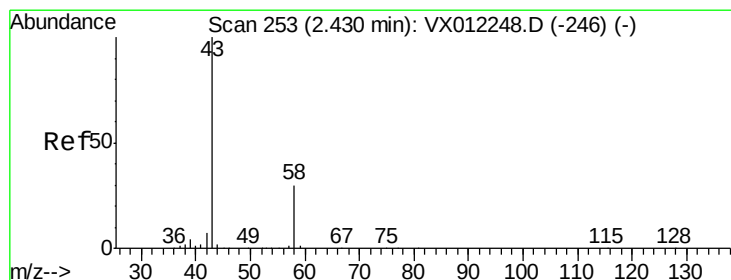
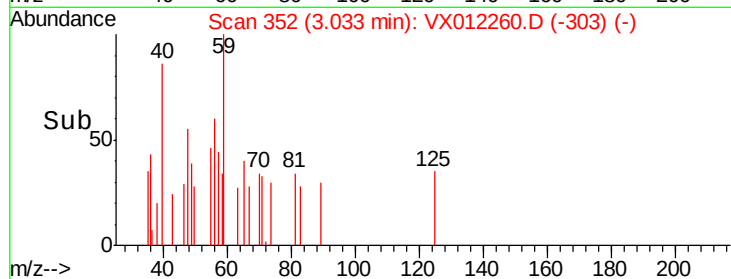
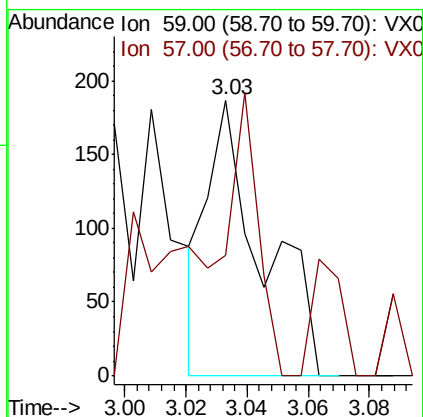
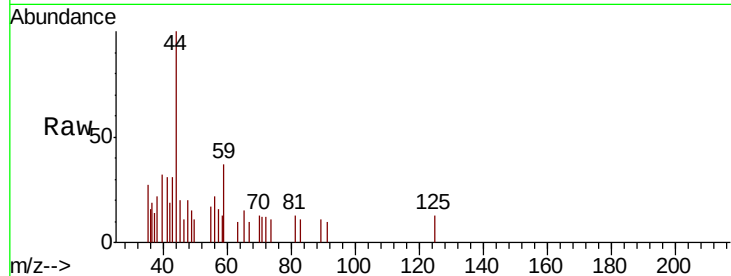




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

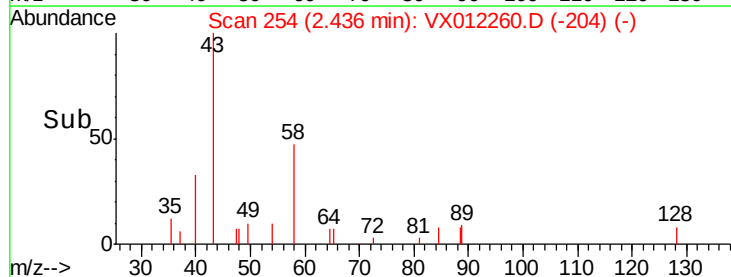
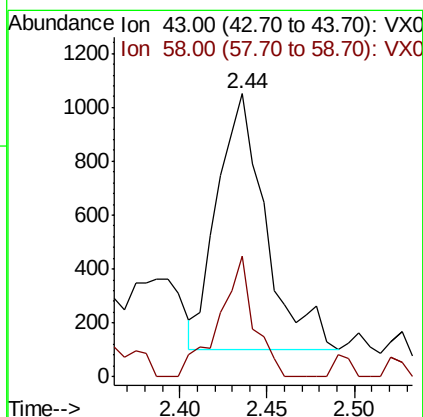
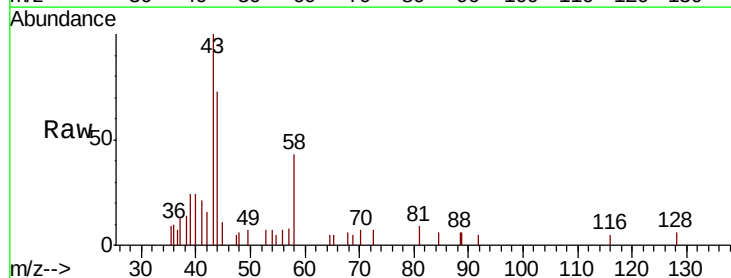
Instrument :
MSVOA_X
ClientSampled :
T-11-A1-(0)

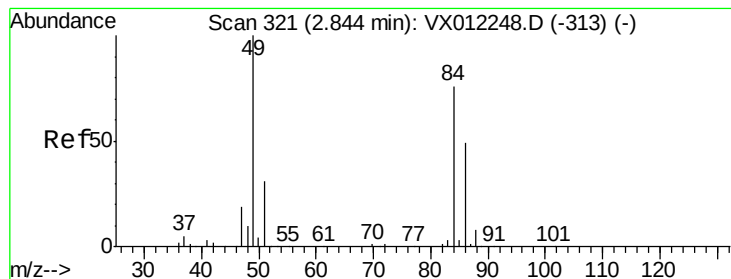
Tgt Ion: 59 Resp: 234
Ion Ratio Lower Upper
59 100
57 53.4 7.8 11.6#



#16
Acetone
Concen: 3.493 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
58 38.5 23.6 35.4#





#20

Methylene Chloride

Concen: 1.071 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

Instrument :

MSVOA_X

ClientSampled :

T-11-A1-(0)

Tgt Ion: 84 Resp: 5946

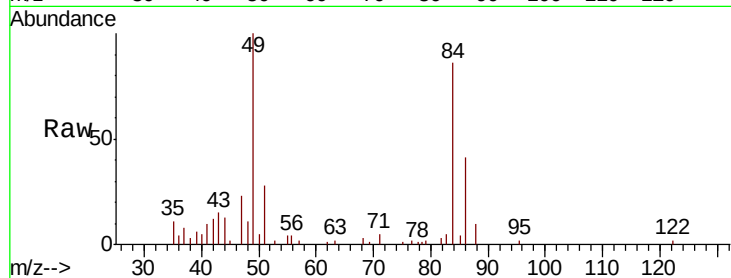
Ion Ratio Lower Upper

84 100

49 116.3 105.0 157.6

51 33.0 32.6 48.8

86 48.0 51.8 77.6#



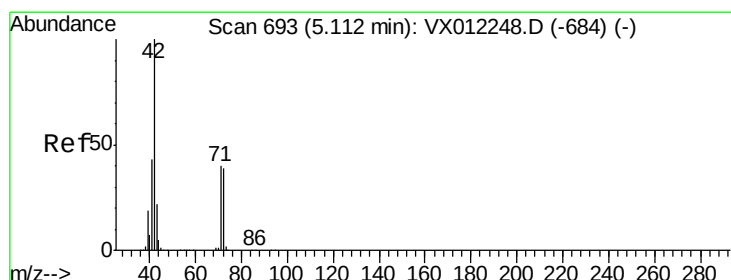
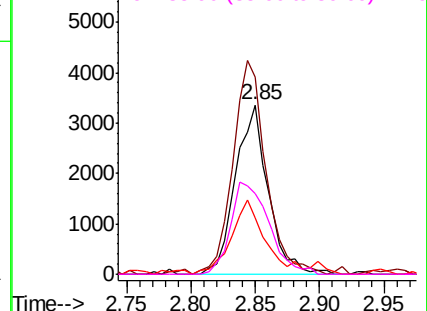
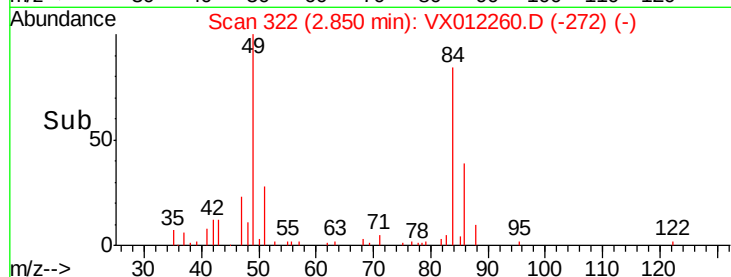
Abundance

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



#29

Tetrahydrofuran

Concen: 2.326 ug/l

RT: 5.15 min Scan# 699

Delta R.T. 0.04 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

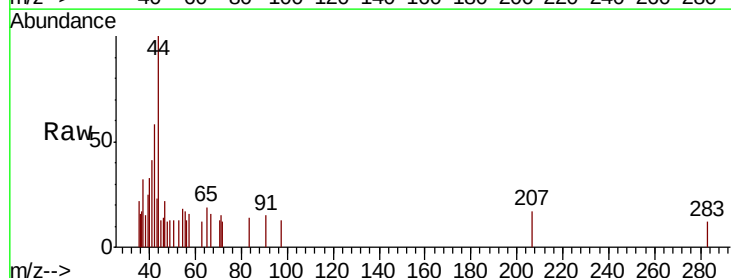
Tgt Ion: 42 Resp: 838

Ion Ratio Lower Upper

42 100

72 5.3 35.2 52.8#

71 0.0 32.5 48.7#

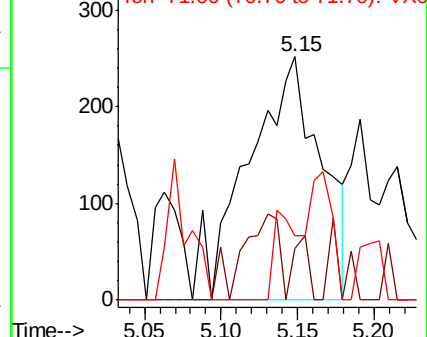
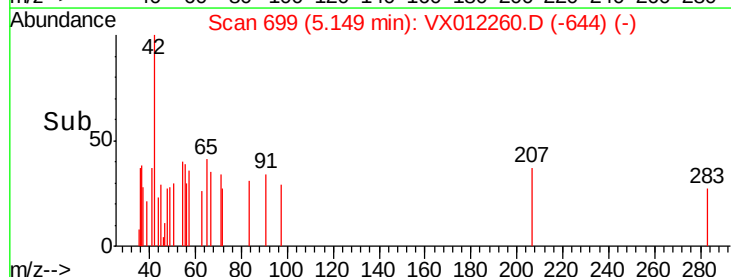


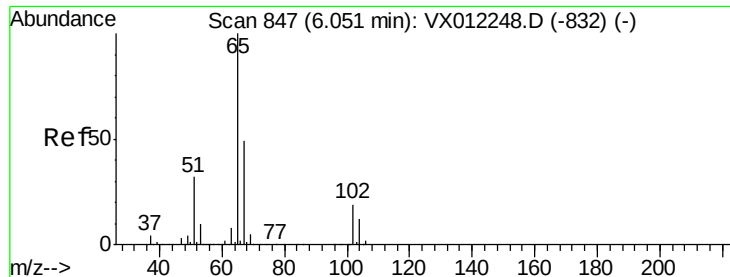
Abundance

Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

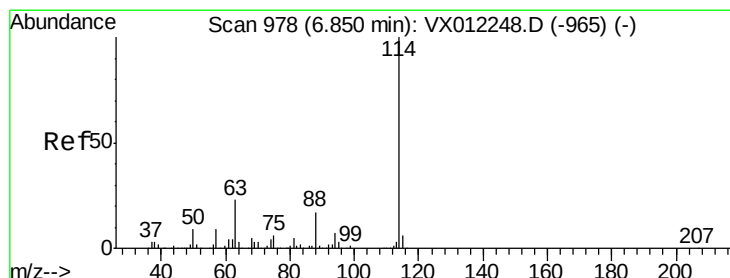
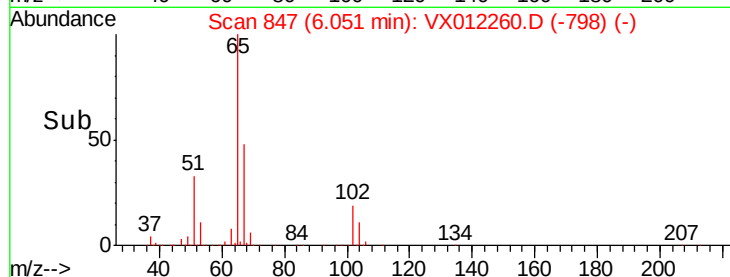
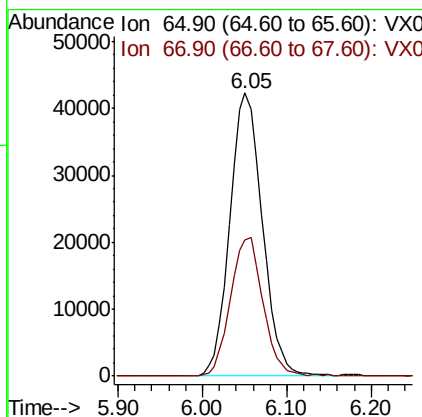
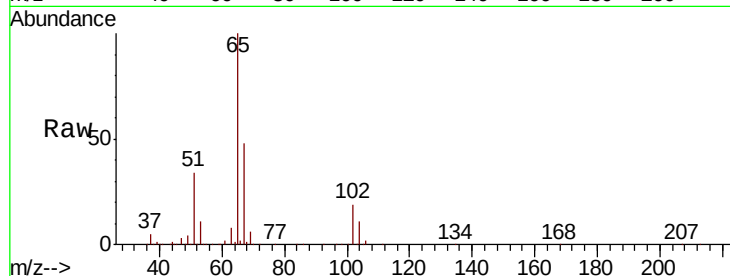




#33
 1,2-Dichloroethane-d4
 Concen: 49.989 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012260.D
 Acq: 10 Sep 2019 17:23

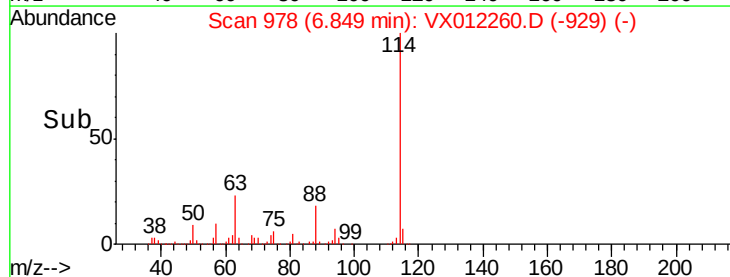
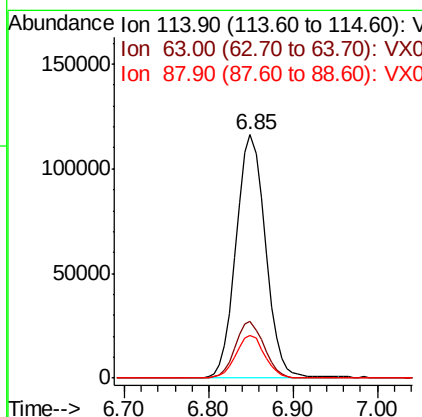
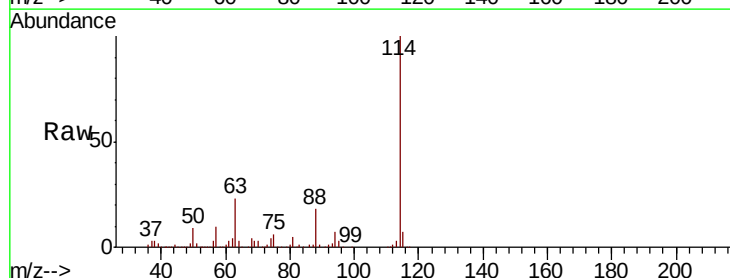
Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A1-(0)

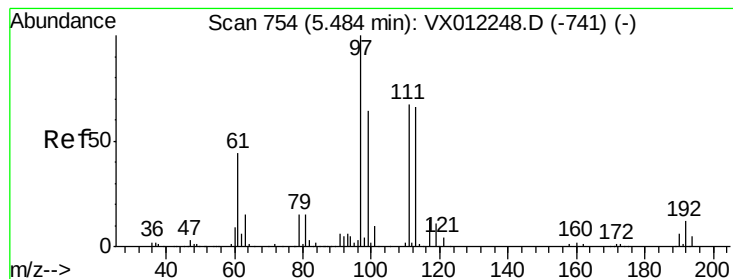
Tgt Ion: 65 Resp: 110277
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012260.D
 Acq: 10 Sep 2019 17:23

Tgt Ion: 114 Resp: 274977
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.2
 88 17.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.243 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

T-11-A1-(0)

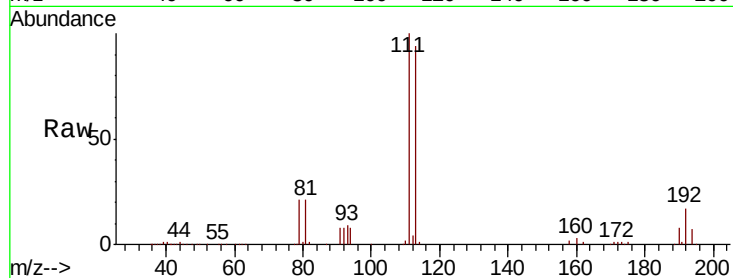
Tgt Ion:113 Resp: 83277

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.6

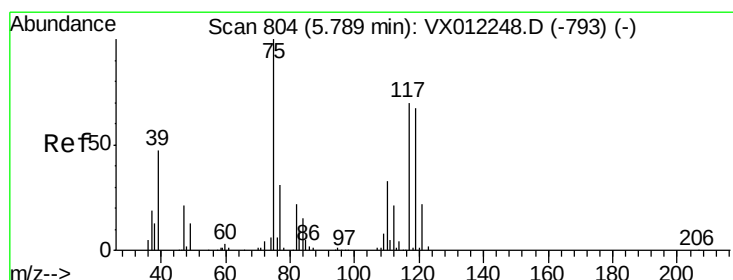
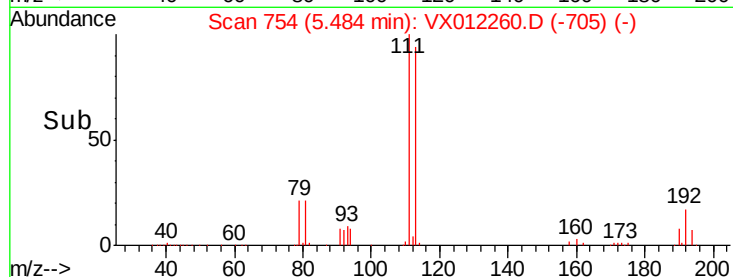
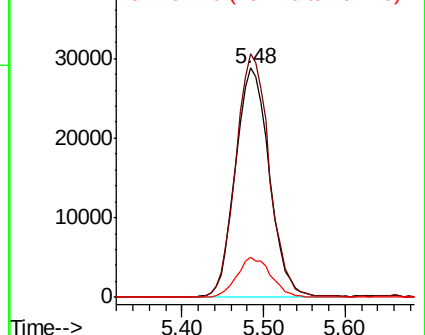
192 17.5 14.3 21.5



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: 7.474 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

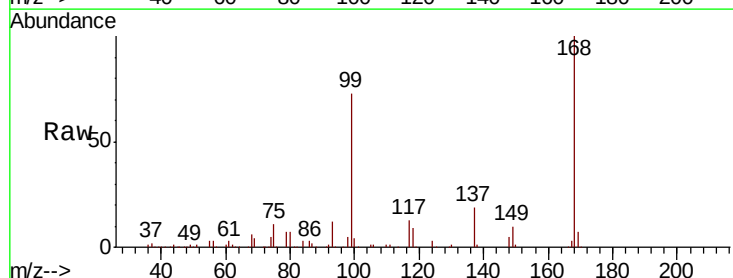
Tgt Ion: 75 Resp: 14986

Ion Ratio Lower Upper

75 100

110 11.2 16.8 50.4#

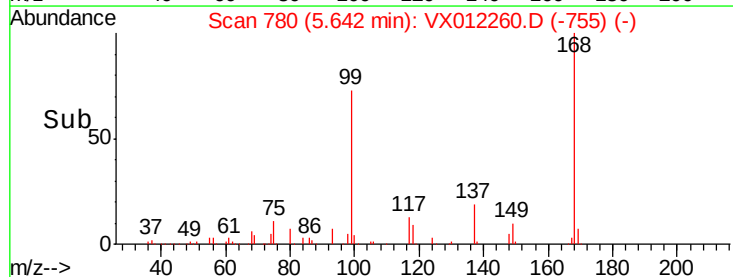
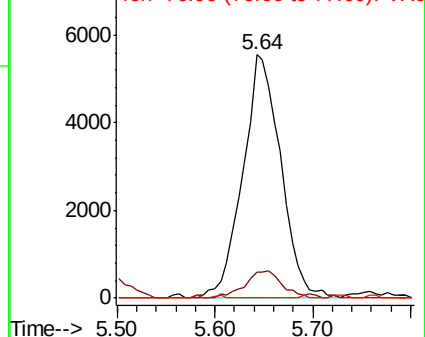
77 0.0 24.5 36.7#

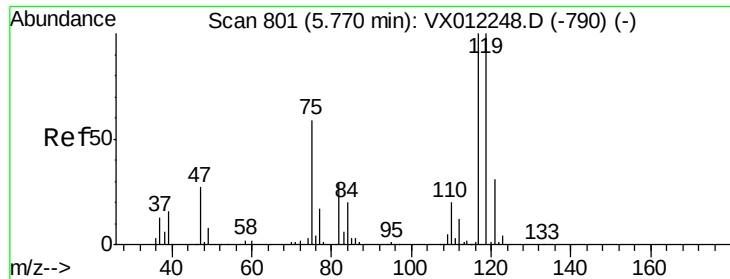


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.987 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

T-11-A1-(0)

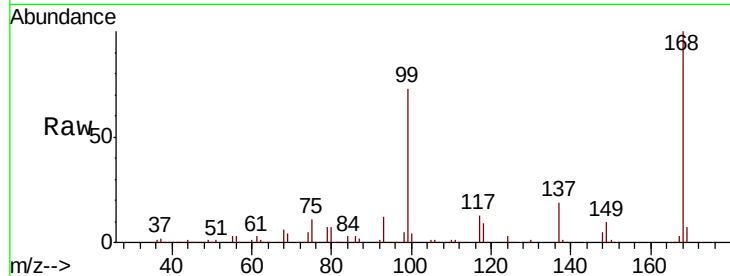
Tgt Ion:117 Resp: 18789

Ion Ratio Lower Upper

117 100

119 3.8 79.6 119.4#

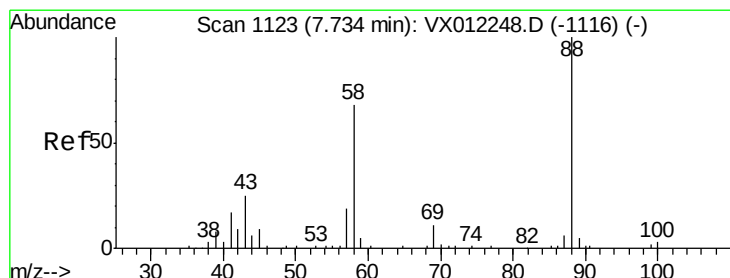
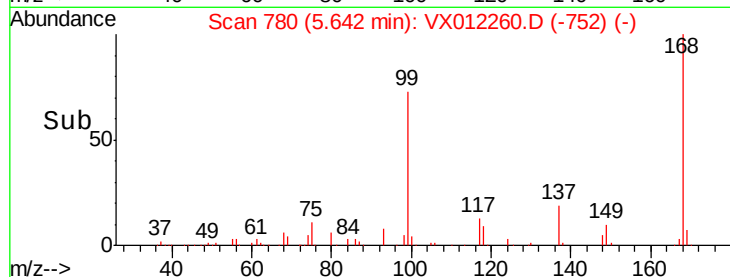
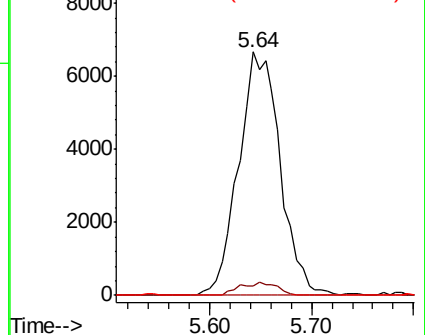
121 0.0 24.7 37.1#



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: 1.126 ug/l

RT: 7.78 min Scan# 1130

Delta R.T. 0.04 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

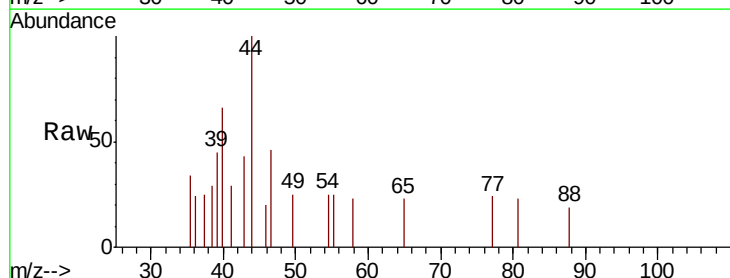
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 284.2 31.0 46.4#

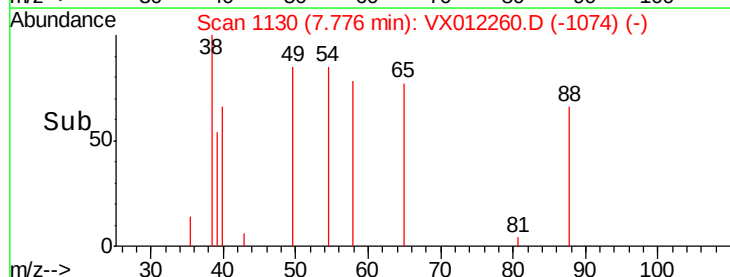
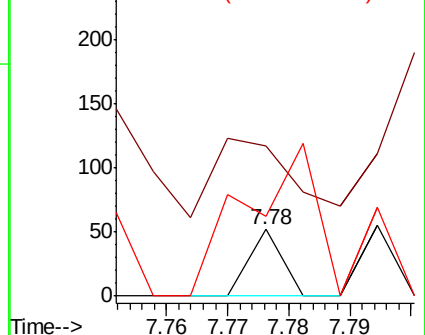
58 631.6 61.5 92.3#

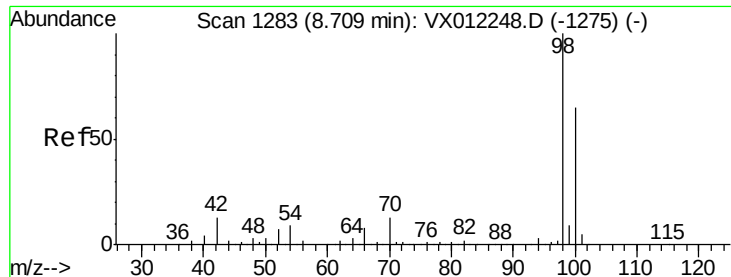


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

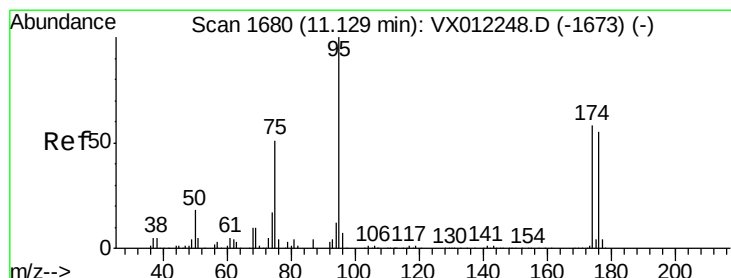
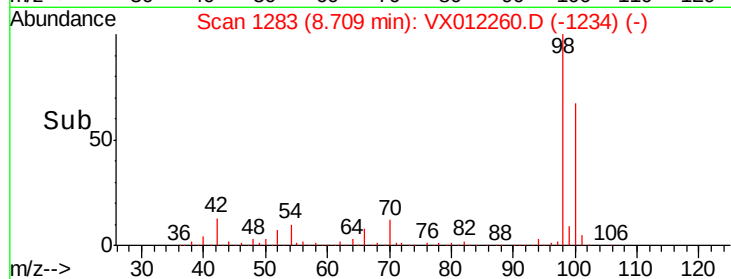
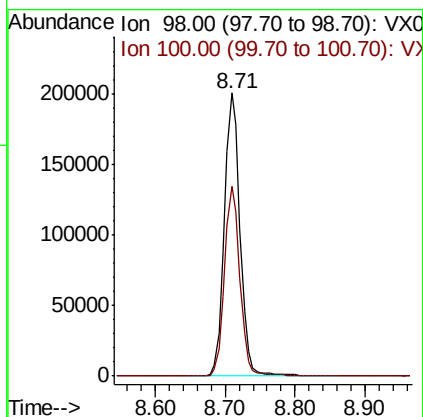
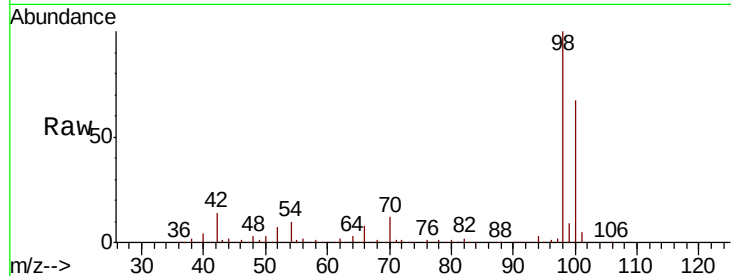




#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

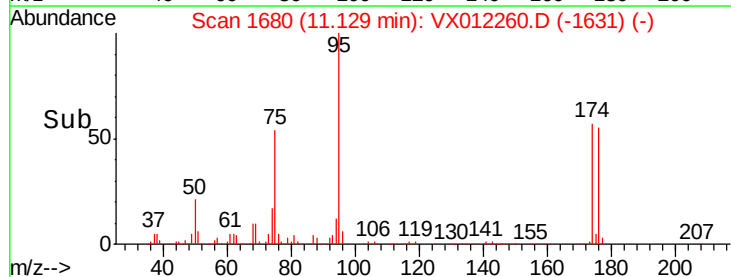
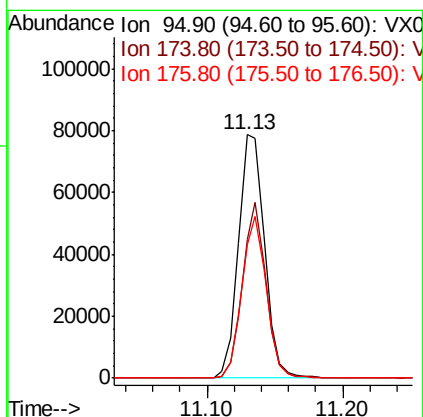
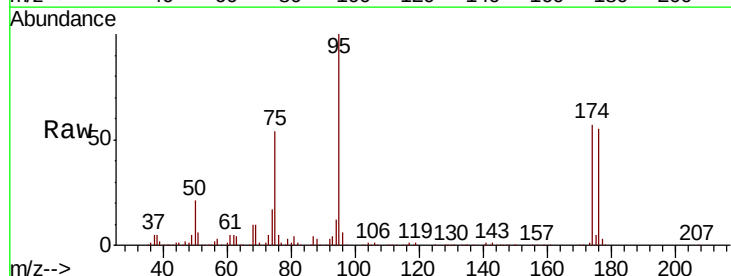
Instrument :
MSVOA_X
ClientSampleId :
T-11-A1-(0)

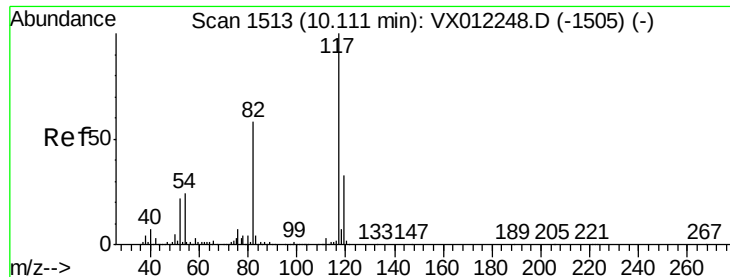
Tgt Ion: 98 Resp: 314069
Ion Ratio Lower Upper
98 100
100 66.2 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 36.744 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

Tgt Ion: 95 Resp: 105316
Ion Ratio Lower Upper
95 100
174 64.9 0.0 127.0
176 62.5 0.0 125.8

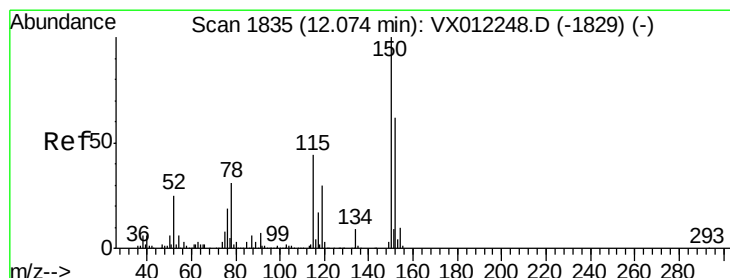
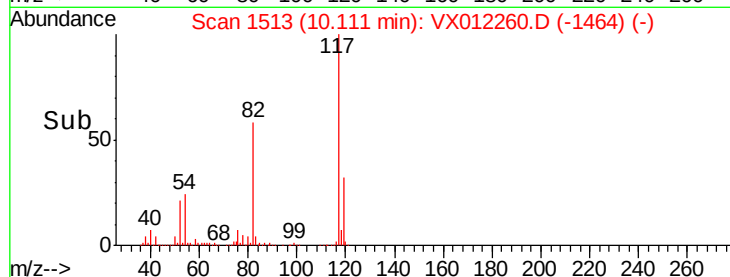
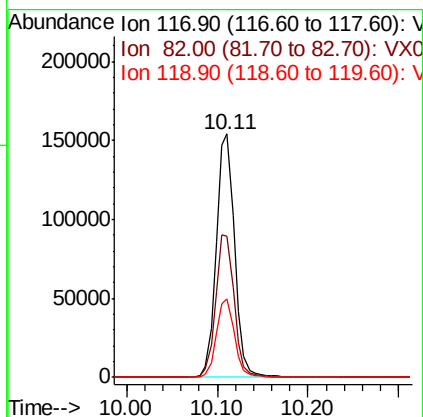
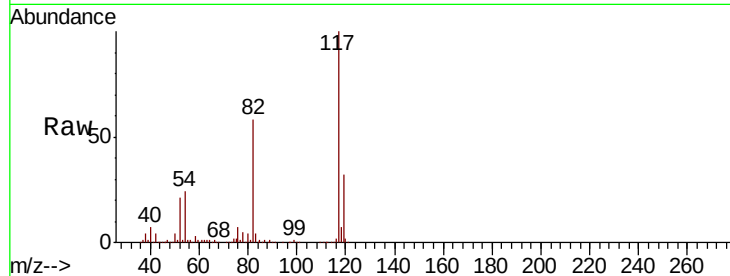




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

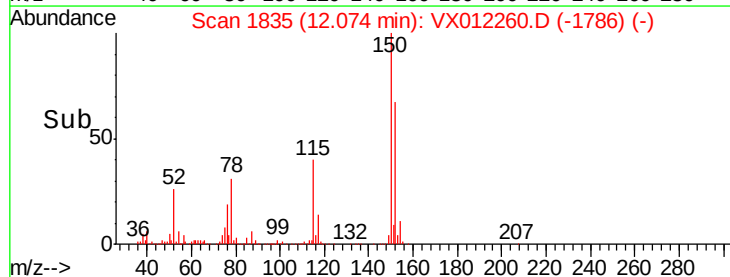
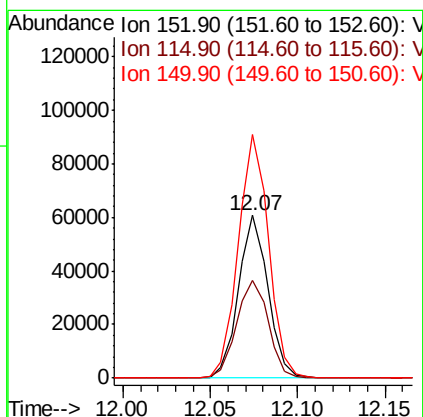
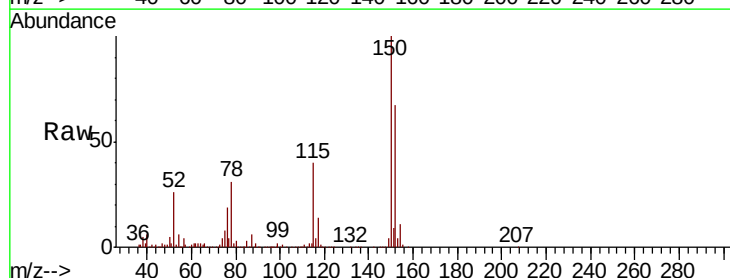
Instrument :
MSVOA_X
ClientSampled :
T-11-A1-(0)

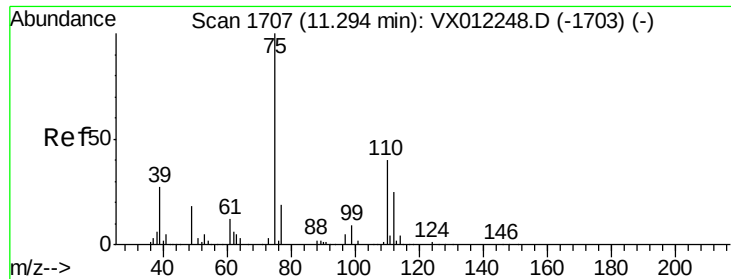
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	32.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	45.5	136.4
150	154.7	0.0	346.4

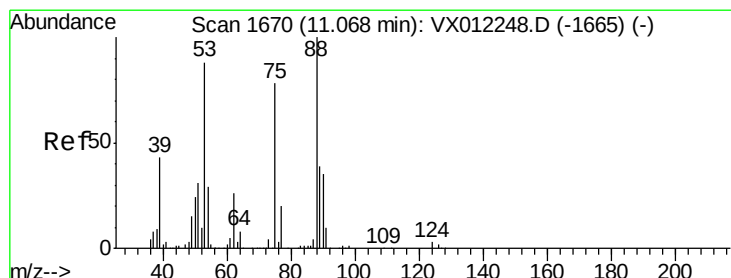
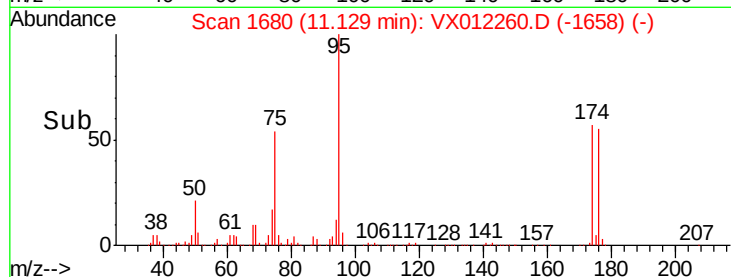
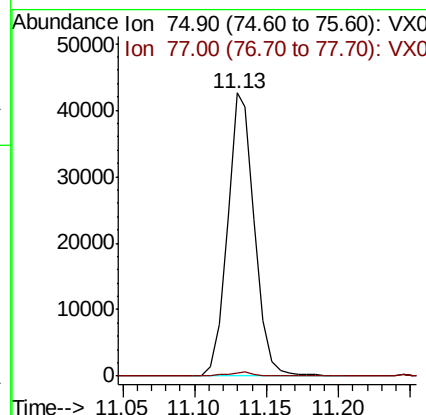
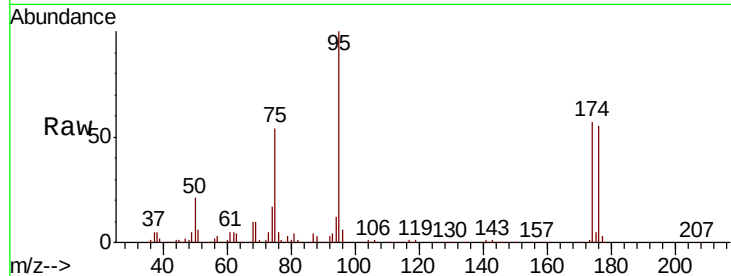




#76
 1,2,3-Trichloropropane
 Concen: 61.097 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012260.D
 Acq: 10 Sep 2019 17:23

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A1-(0)

Tgt Ion: 75 Resp: 55846
 Ion Ratio Lower Upper
 75 100
 77 1.7 19.7 59.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 183.061 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012260.D
 Acq: 10 Sep 2019 17:23

Tgt Ion: 75 Resp: 55846
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.1 132.1#
 89 0.1 43.5 65.3#

