

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
 Data File : VX012326.D
 Acq On : 12 Sep 2019 03:14
 Operator : SY/SP
 Sample : K4694-09
 Misc : 4.24g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T1-4-(1.5)

Quant Time: Sep 12 05:45:18 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	158554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	83887	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	109803	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
35) Dibromofluoromethane	5.48	113	82821	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	8.71	98	323734	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.13	95	113340	39.04	ug/l	0.00
Spiked Amount			Recovery	=	78.08%	

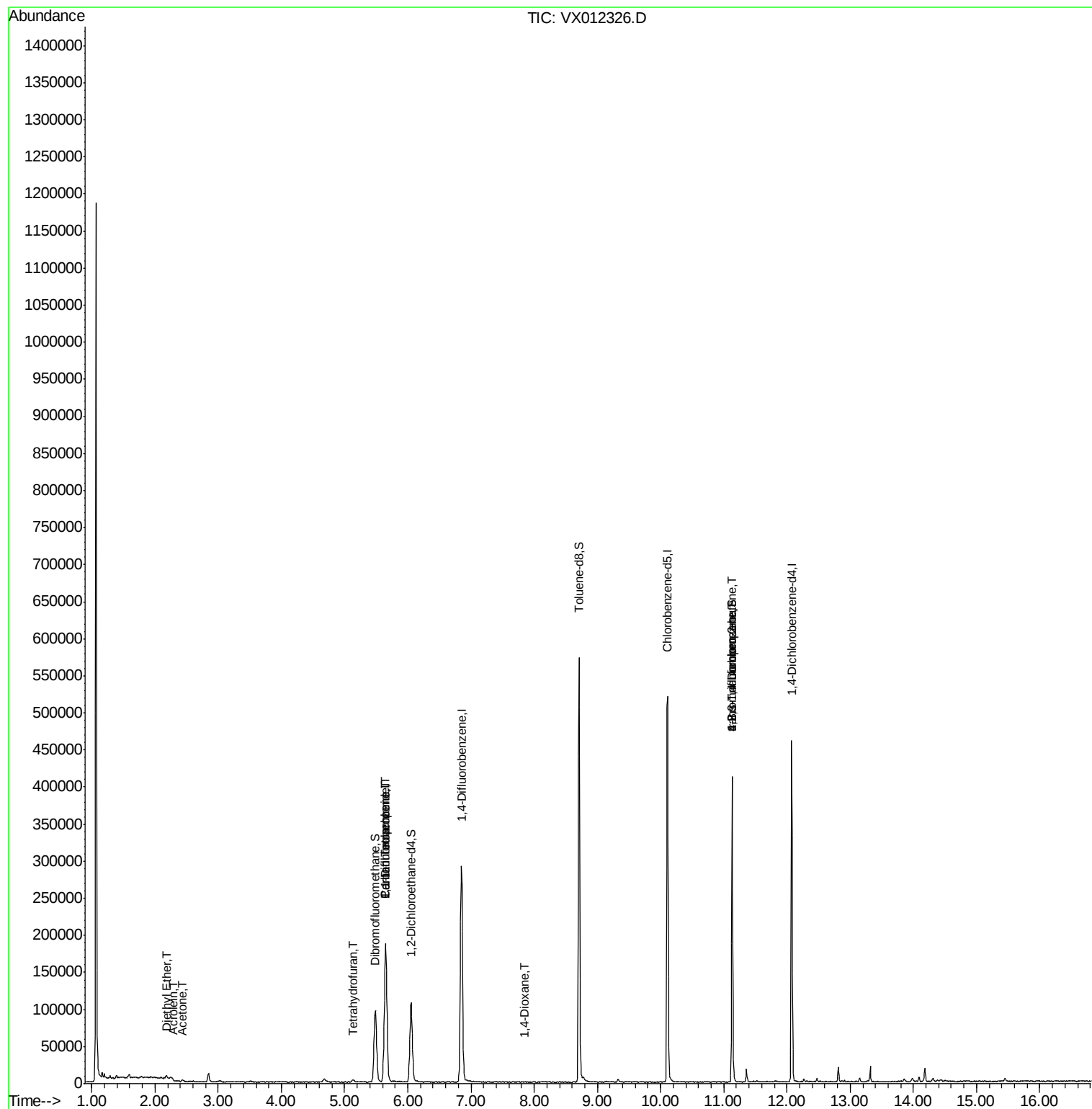
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	308	Below Cal	#	3
8) Diethyl Ether	2.18	74	1117	1.561	ug/l	69
11) Tert butyl alcohol	3.03	59	1998	Below Cal		99
13) Acrolein	2.29	56	248	2.116	ug/l #	12
16) Acetone	2.44	43	1929	3.635	ug/l #	84
29) Tetrahydrofuran	5.14	42	2711	7.407	ug/l	94
36) 1,1-Dichloropropene	5.65	75	14221	7.003	ug/l #	52
38) Carbon Tetrachloride	5.65	117	18992	7.971	ug/l #	15
49) 1,4-Dioxane	7.84	88	20	1.170	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	59812	55.502	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	59812	166.297	ug/l #	5

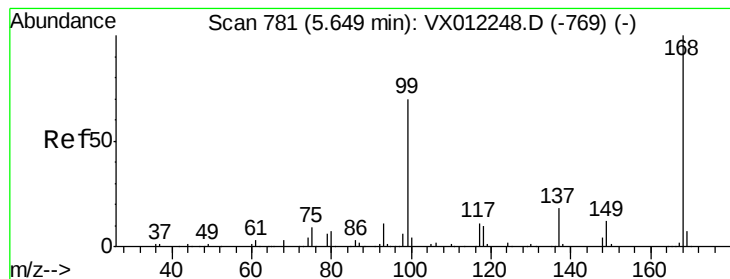
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
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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: VX012326.D

Acq: 12 Sep 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

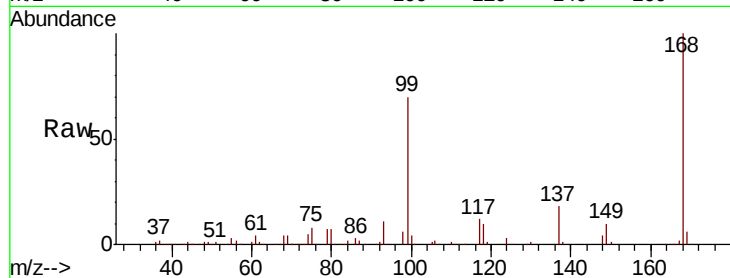
T1-4-(1.5)

Tgt Ion: 168 Resp: 158554

Ion Ratio Lower Upper

168 100

99 69.6 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

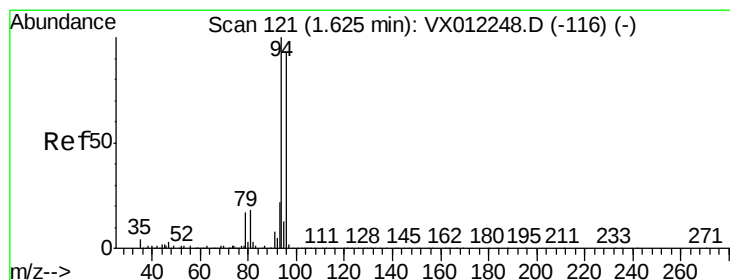
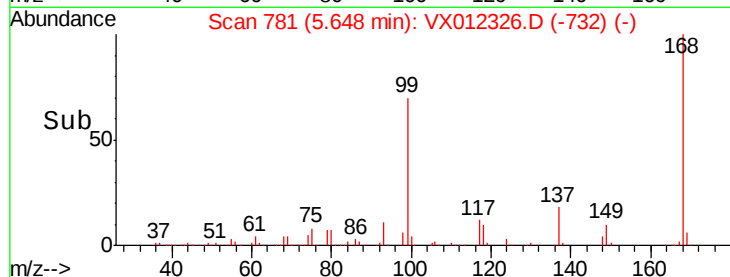
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012326.D

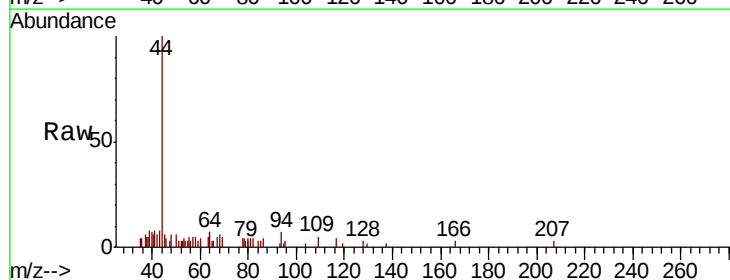
Acq: 12 Sep 2019 03:14

Tgt Ion: 94 Resp: 308

Ion Ratio Lower Upper

94 100

96 0.0 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

200

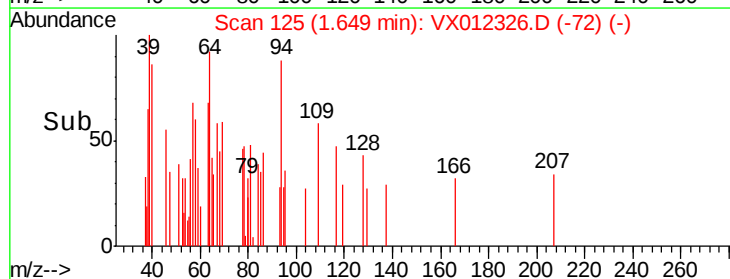
150

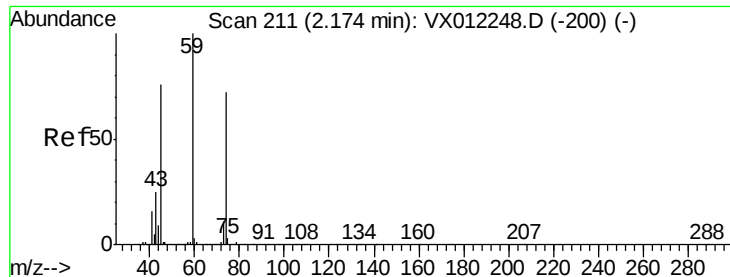
100

50

0

Time--> 1.60 1.65





#8

Diethyl Ether

Concen: 1.561 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX012326.D

Acq: 12 Sep 2019 03:14

Instrument :

MSVOA_X

ClientSampled :

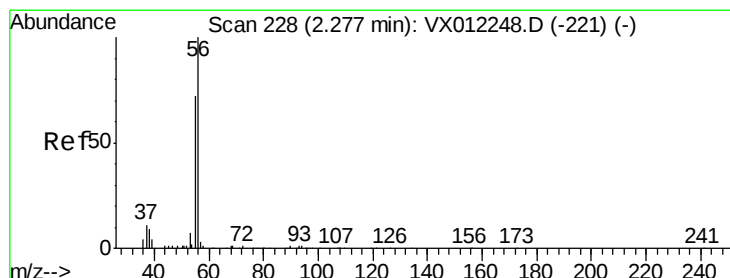
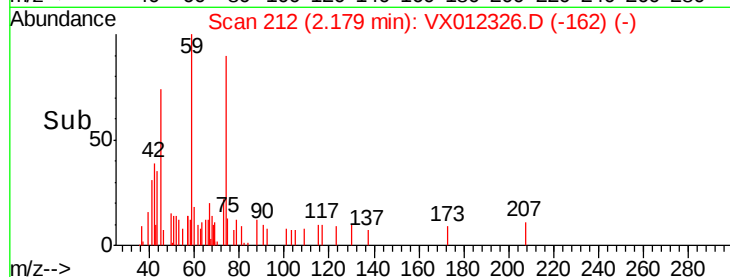
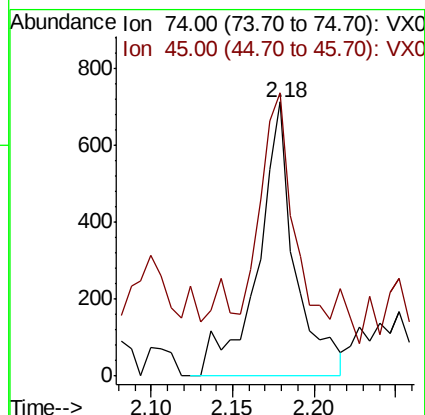
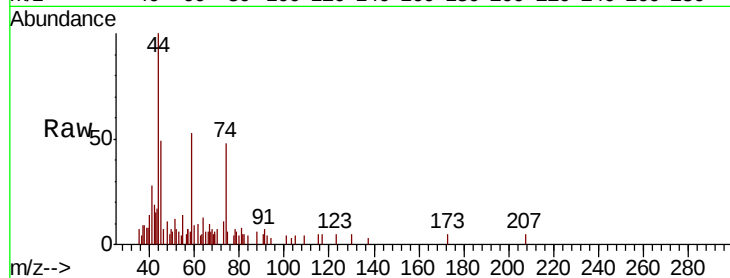
T1-4-(1.5)

Tgt Ion: 74 Resp: 1117

Ion Ratio Lower Upper

74 100

45 71.5 51.3 153.9



#13

Acrolein

Concen: 2.116 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012326.D

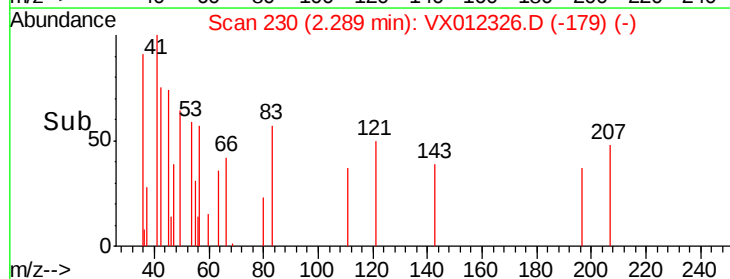
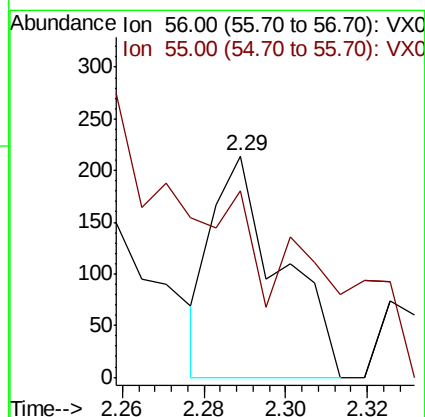
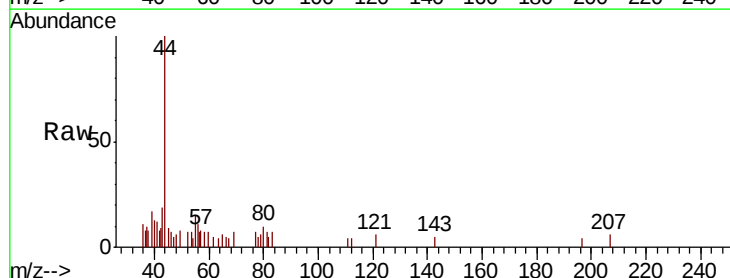
Acq: 12 Sep 2019 03:14

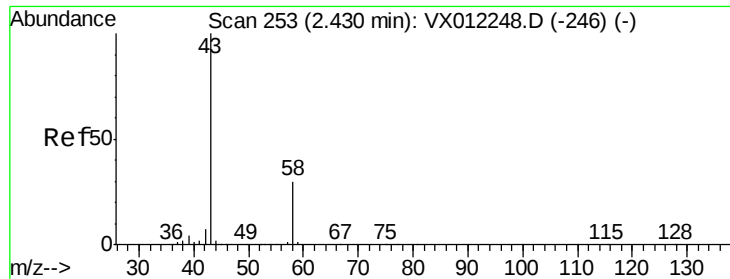
Tgt Ion: 56 Resp: 248

Ion Ratio Lower Upper

56 100

55 0.0 59.8 89.6#





#16

Acetone

Concen: 3.635 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX012326.D

Acq: 12 Sep 2019 03:14

Instrument :

MSVOA_X

ClientSampled :

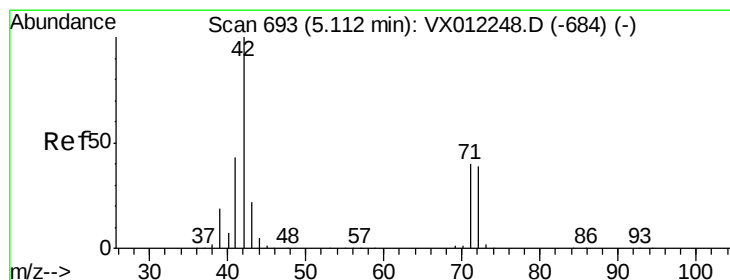
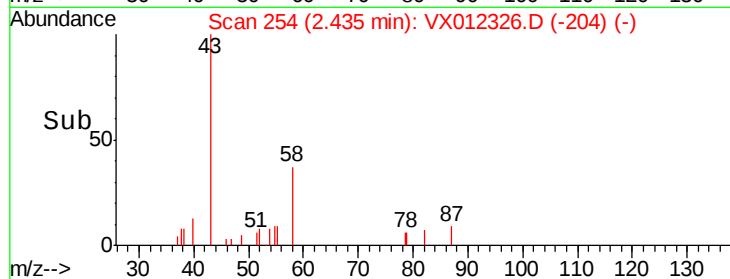
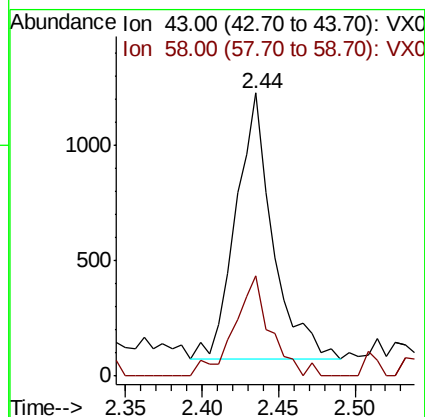
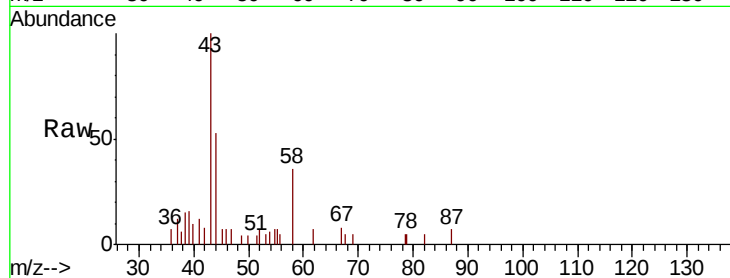
T1-4-(1.5)

Tgt Ion: 43 Resp: 1929

Ion Ratio Lower Upper

43 100

58 37.9 23.6 35.4#



#29

Tetrahydrofuran

Concen: 7.407 ug/l

RT: 5.14 min Scan# 698

Delta R.T. 0.03 min

Lab File: VX012326.D

Acq: 12 Sep 2019 03:14

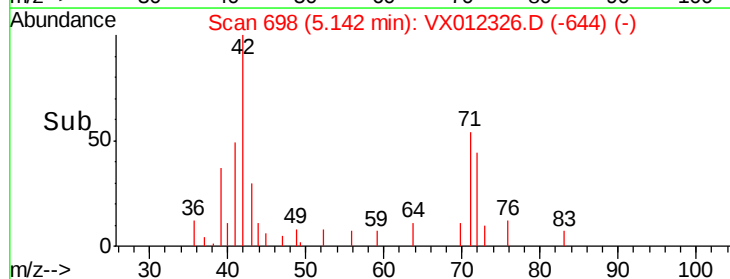
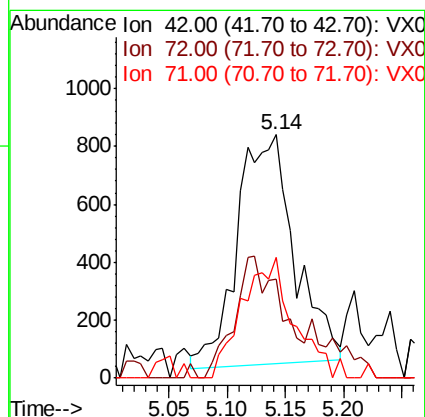
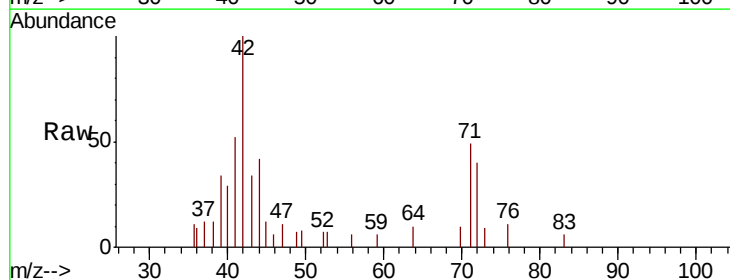
Tgt Ion: 42 Resp: 2711

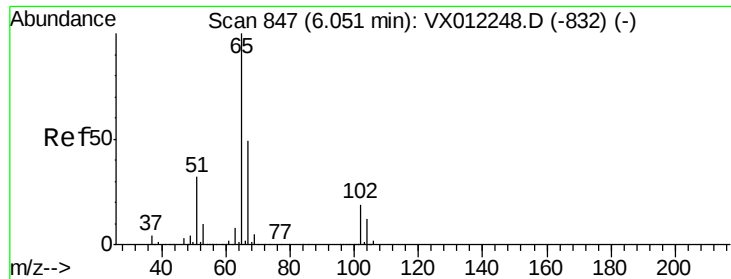
Ion Ratio Lower Upper

42 100

72 43.5 35.2 52.8

71 47.4 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 48.983 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012326.D

Acq: 12 Sep 2019 03:14

Instrument :

MSVOA_X

ClientSampleId :

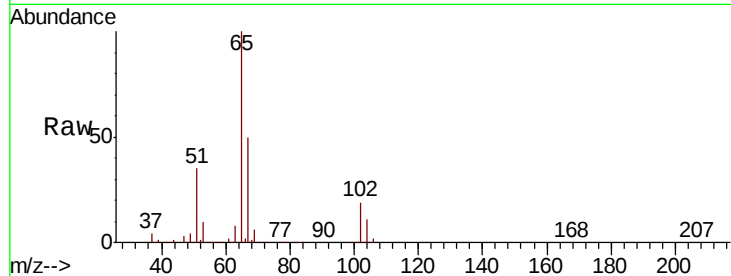
T1-4-(1.5)

Tgt Ion: 65 Resp: 109803

Ion Ratio Lower Upper

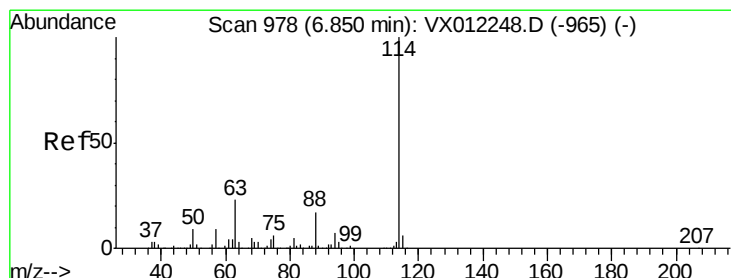
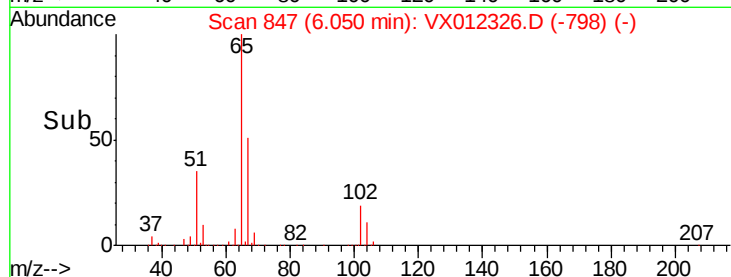
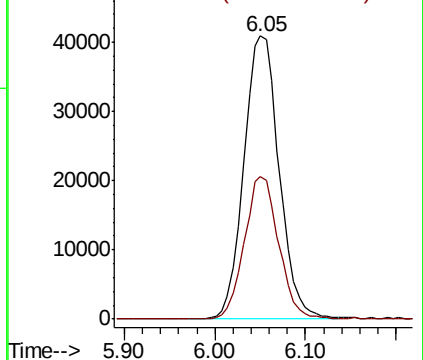
65 100

67 49.0 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012326.D

Acq: 12 Sep 2019 03:14

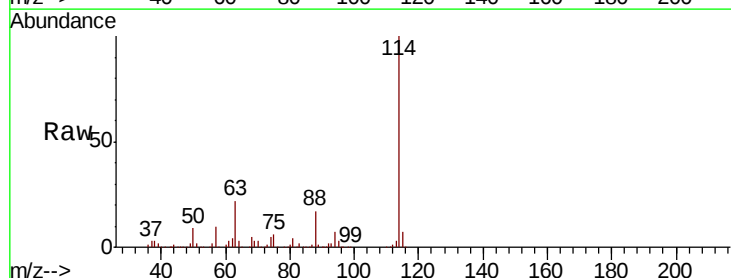
Tgt Ion: 114 Resp: 278500

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

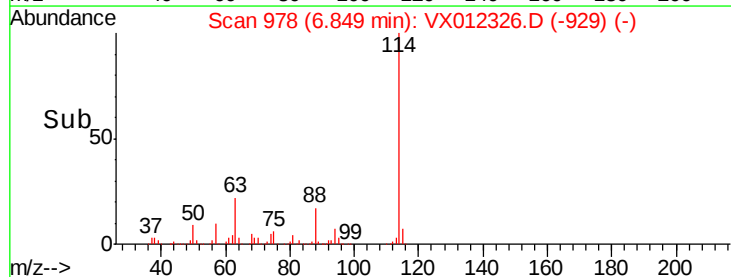
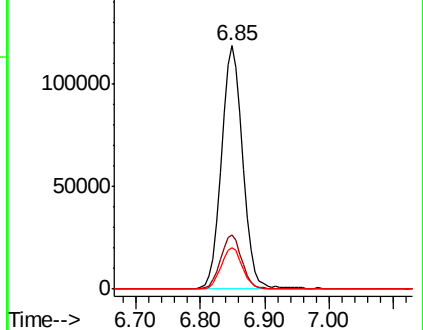
88 17.1 0.0 34.8

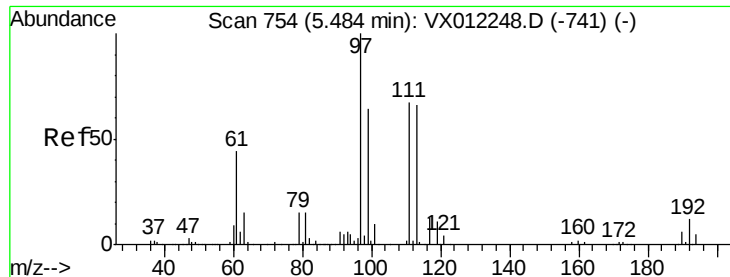


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

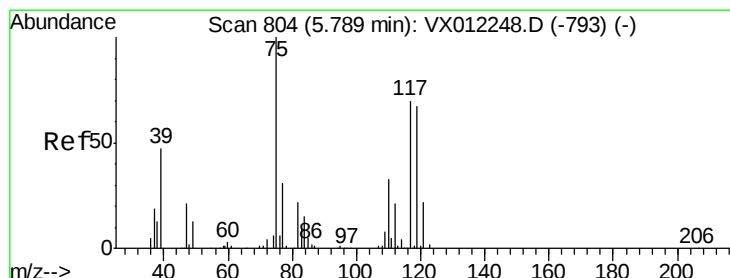
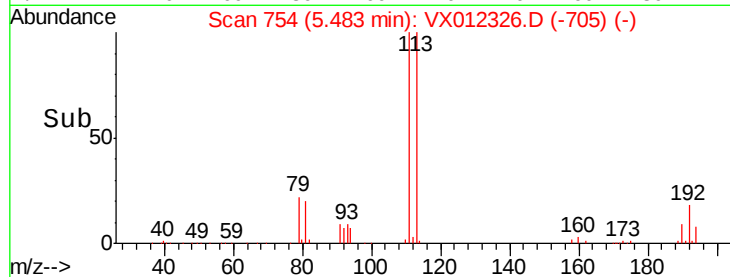
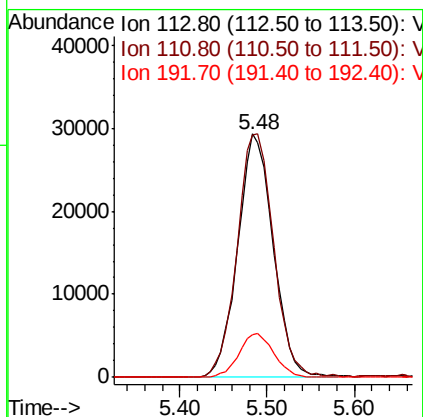
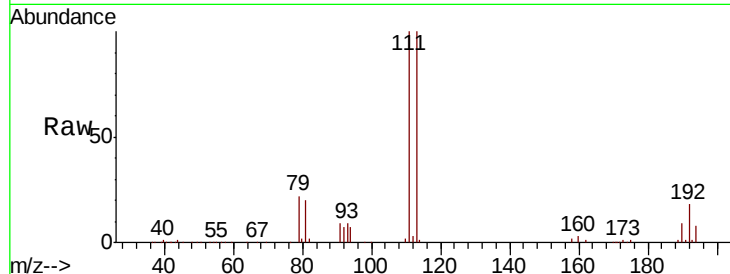




#35
 Dibromofluoromethane
 Concen: 46.390 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012326.D
 Acq: 12 Sep 2019 03:14

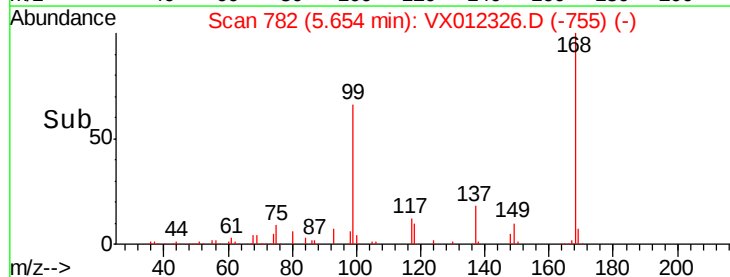
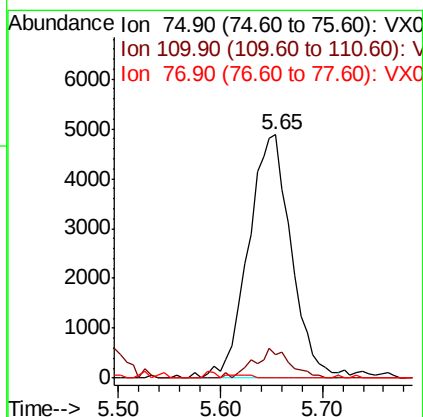
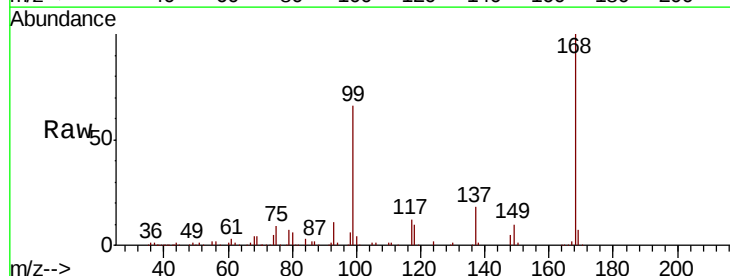
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-4-(1.5)

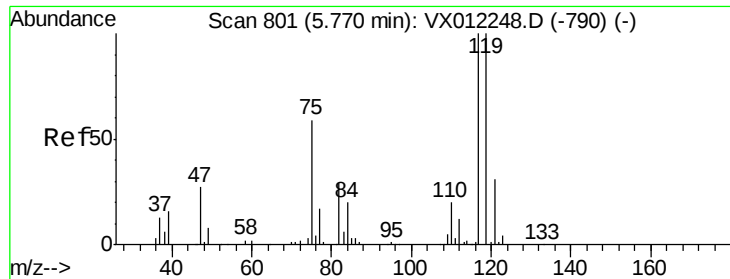
Tgt Ion:113 Resp: 82821
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.6
 192 17.7 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 7.003 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012326.D
 Acq: 12 Sep 2019 03:14

Tgt Ion: 75 Resp: 14221
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.8 50.4#
 77 0.0 24.5 36.7#

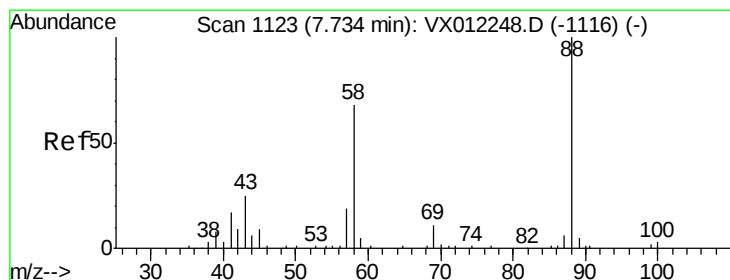
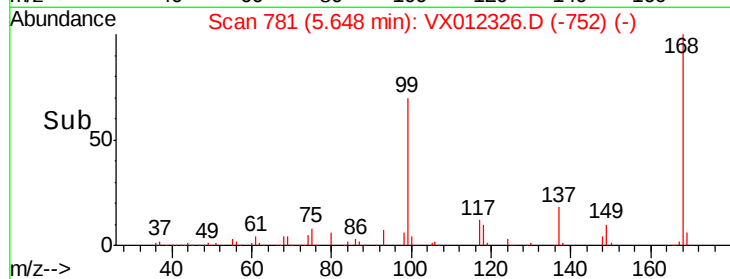
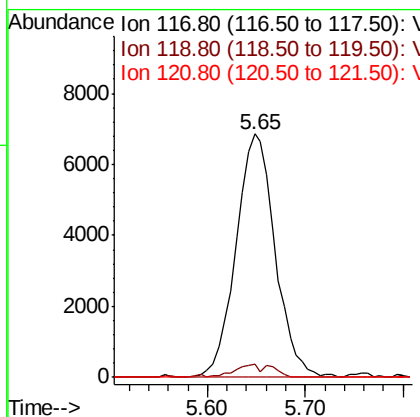
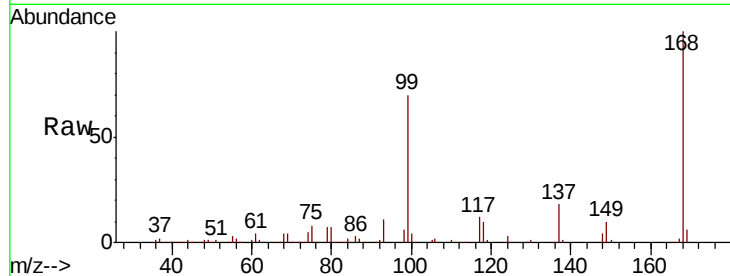




#38
 Carbon Tetrachloride
 Concen: 7.971 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012326.D
 Acq: 12 Sep 2019 03:14

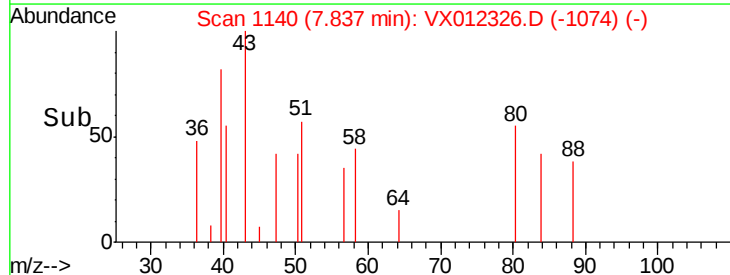
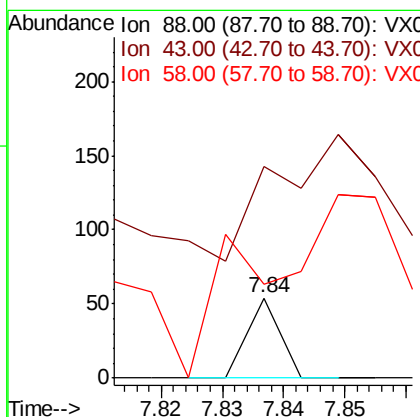
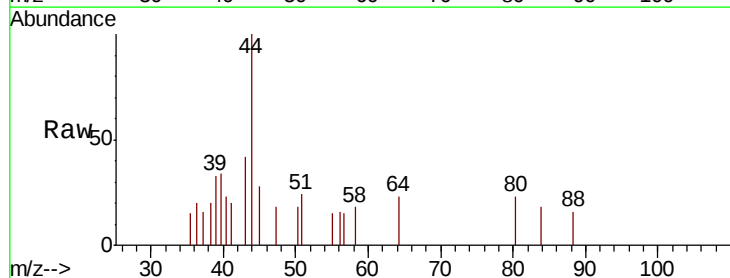
Instrument :
 MSVOA_X
 ClientSampleId :
 T1-4-(1.5)

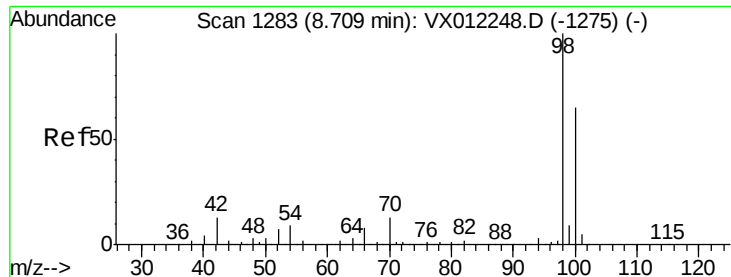
Tgt Ion: 117 Resp: 18992
 Ion Ratio Lower Upper
 117 100
 119 5.3 79.6 119.4#
 121 0.0 24.7 37.1#



#49
 1,4-Dioxane
 Concen: 1.170 ug/l
 RT: 7.84 min Scan# 1140
 Delta R.T. 0.10 min
 Lab File: VX012326.D
 Acq: 12 Sep 2019 03:14

Tgt Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 810.0 31.0 46.4#
 58 1085.0 61.5 92.3#

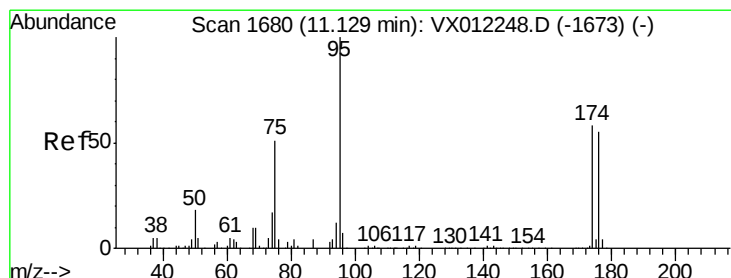
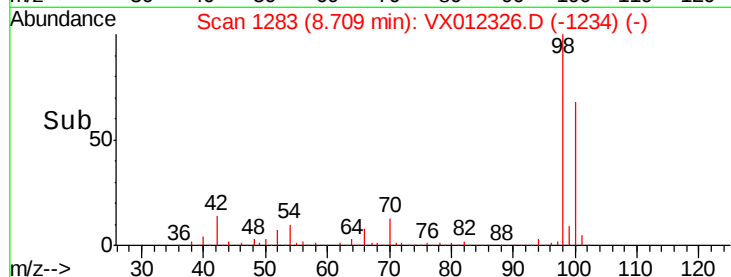
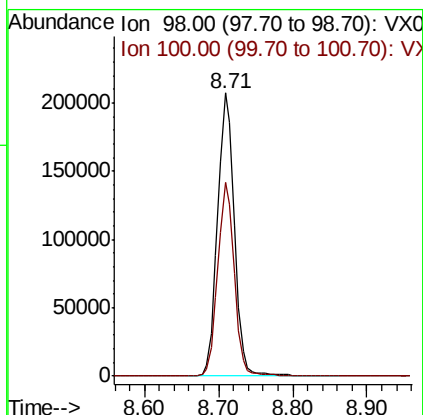
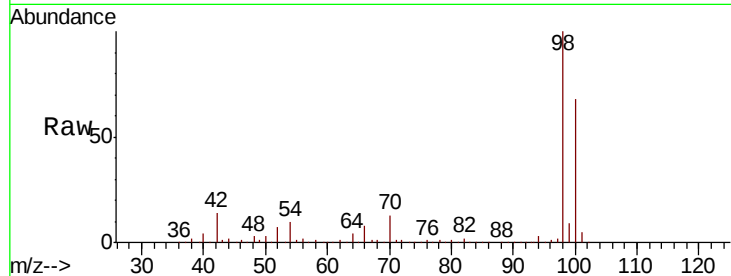




#50
Toluene-d8
Concen: 51.701 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012326.D
Acq: 12 Sep 2019 03:14

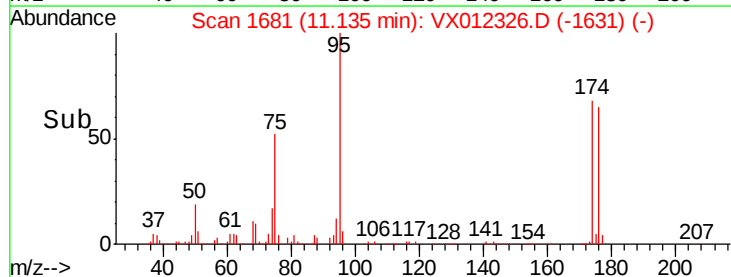
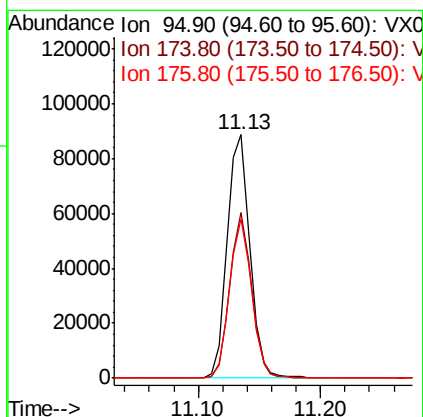
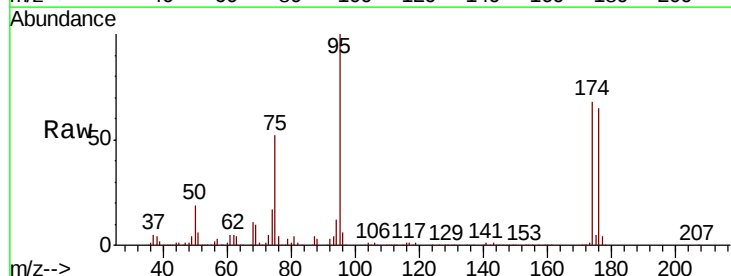
Instrument :
MSVOA_X
ClientSampleId :
T1-4-(1.5)

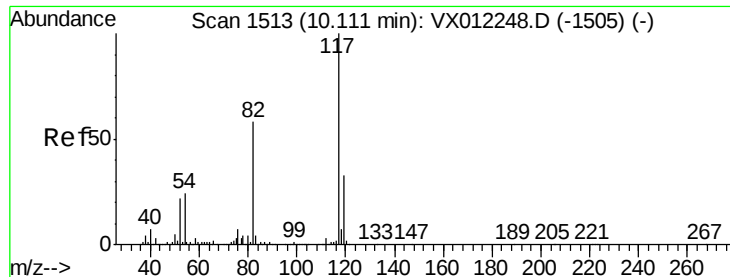
Tgt Ion: 98 Resp: 323734
Ion Ratio Lower Upper
98 100
100 66.9 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 39.043 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012326.D
Acq: 12 Sep 2019 03:14

Tgt Ion: 95 Resp: 113340
Ion Ratio Lower Upper
95 100
174 65.7 0.0 127.0
176 63.8 0.0 125.8

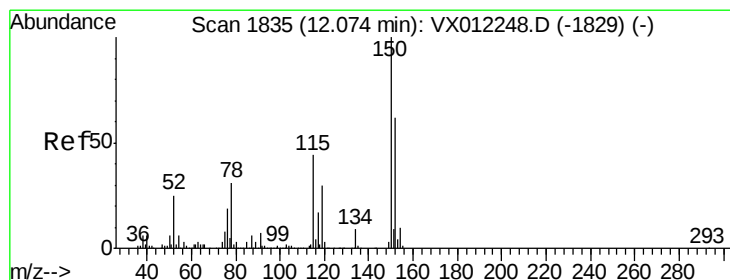
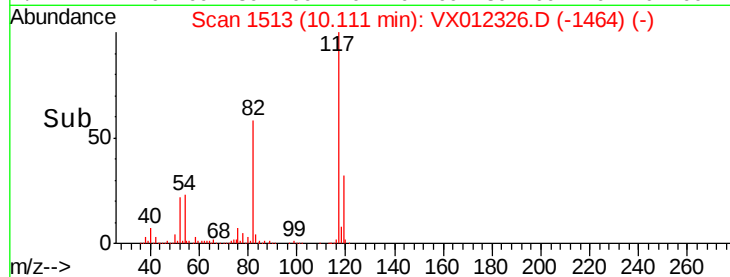
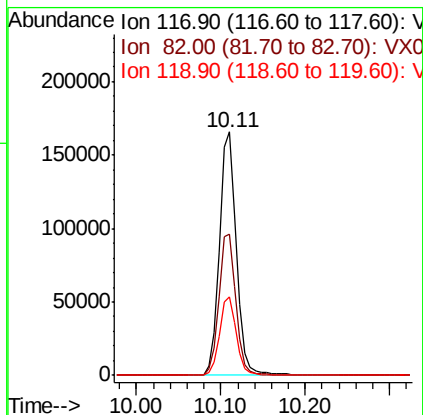
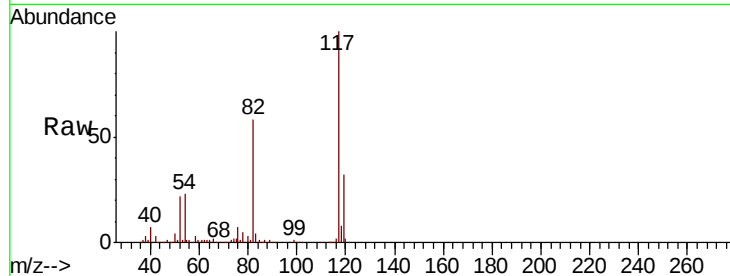




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012326.D
Acq: 12 Sep 2019 03:14

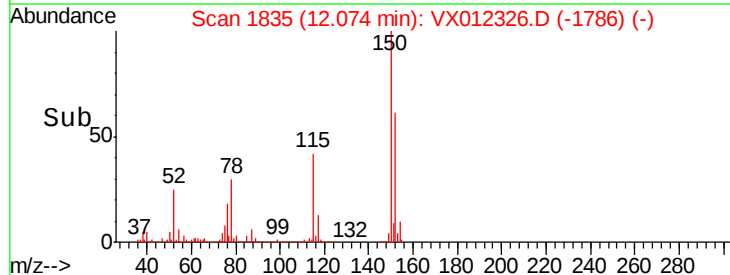
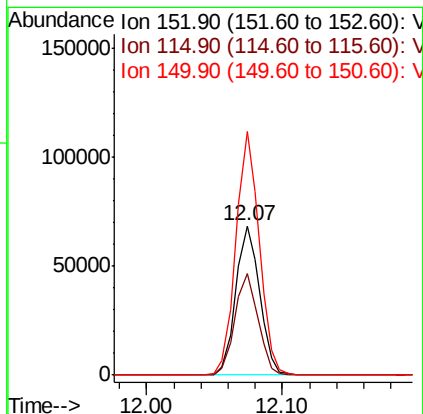
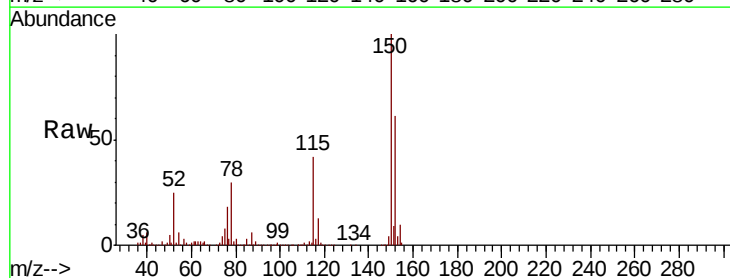
Instrument :
MSVOA_X
ClientSampleId :
T1-4-(1.5)

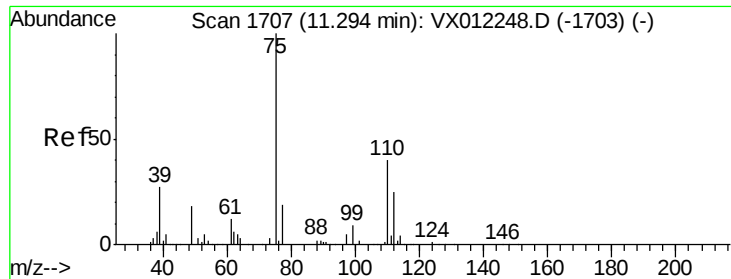
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	32.4	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012326.D
Acq: 12 Sep 2019 03:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	45.5	136.4
150	158.8	0.0	346.4

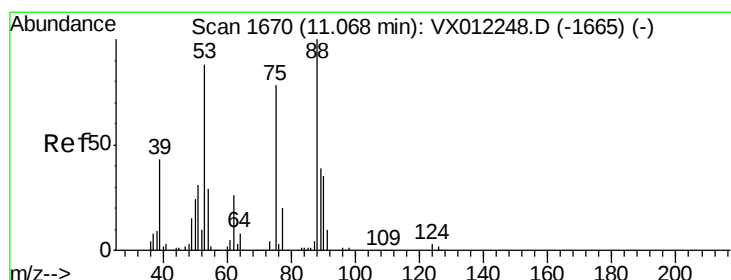
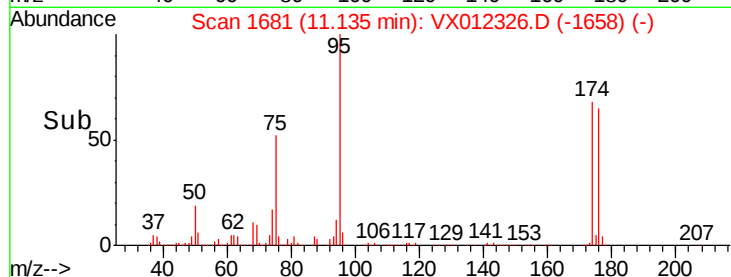
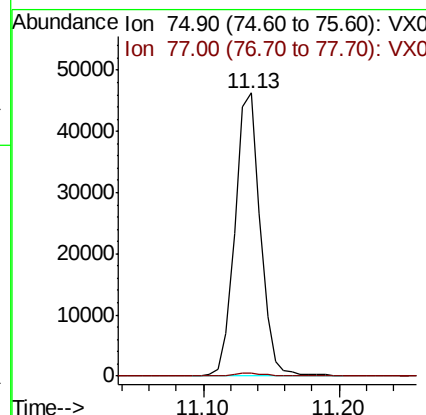
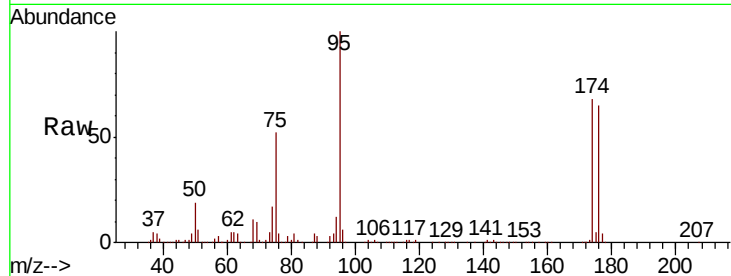




#76
 1,2,3-Trichloropropane
 Concen: 55.502 ug/l
 RT: 11.13 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012326.D
 Acq: 12 Sep 2019 03:14

Instrument :
 MSVOA_X
 ClientSampled :
 T1-4-(1.5)

Tgt Ion: 75 Resp: 59812
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.7 59.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 166.297 ug/l
 RT: 11.13 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012326.D
 Acq: 12 Sep 2019 03:14

Tgt Ion: 75 Resp: 59812
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.1 132.1#
 89 0.0 43.5 65.3#

