

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012128.D
 Acq On : 06 Sep 2019 05:11
 Operator : SY/SP
 Sample : K4580-02
 Misc : 3.77g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A4-(3.5)

Quant Time: Sep 06 05:49:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92060	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	101222	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	5.48	113	76543	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	8.71	98	304945	52.84	ug/l	0.00
Spiked Amount			Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.14	95	119880	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	

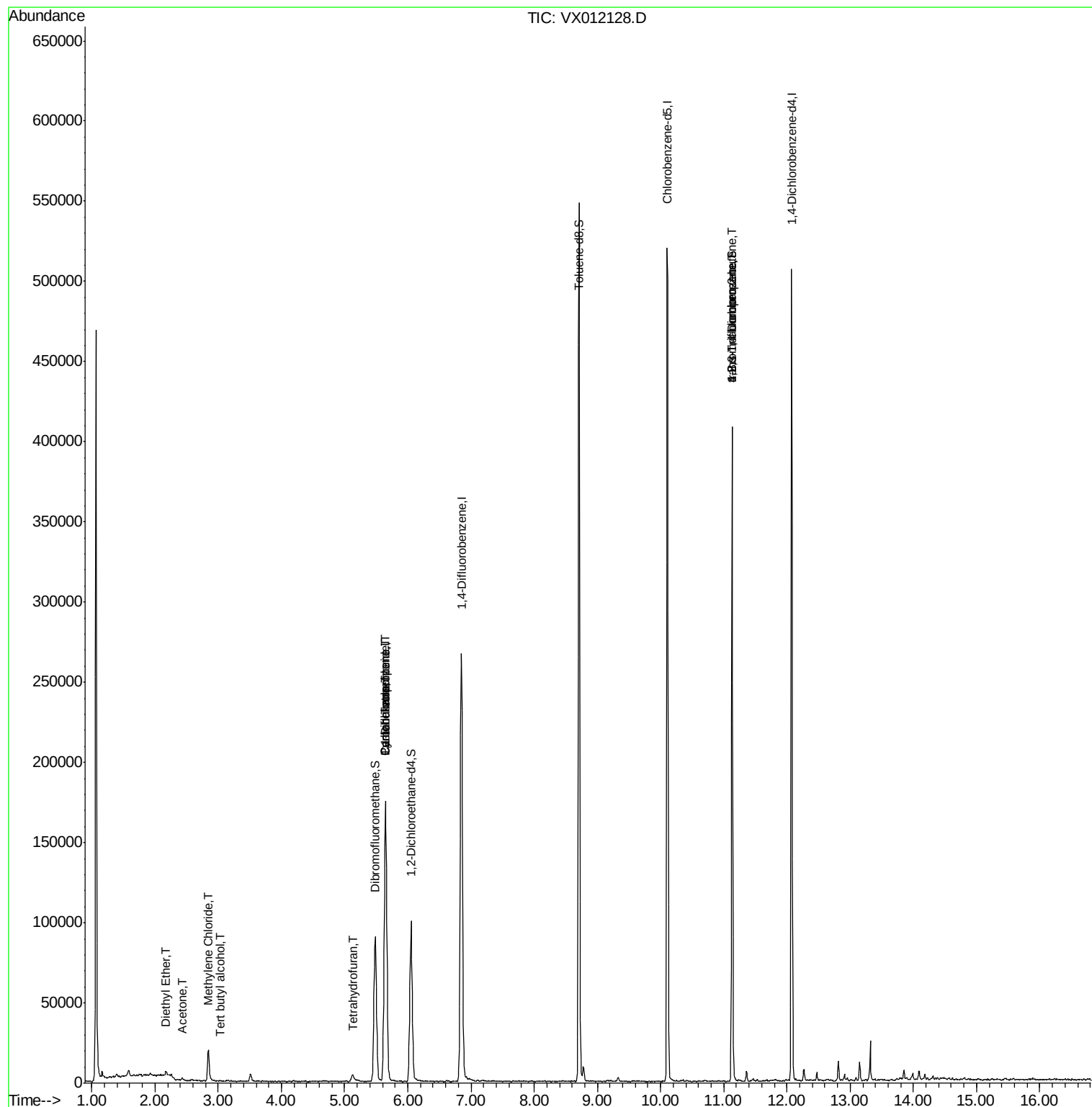
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	853	1.222	ug/l	69
11) Tert butyl alcohol	3.03	59	370	1.908	ug/l #	64
13) Acrolein	2.29	56	176	Below Cal	#	1
16) Acetone	2.43	43	1323	2.741	ug/l #	88
20) Methylene Chloride	2.84	84	9330	4.814	ug/l	96
29) Tetrahydrofuran	5.14	42	3864	10.439	ug/l	97
31) Cyclohexane	5.65	56	3989	1.611	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	13506	5.996	ug/l #	50
38) Carbon Tetrachloride	5.64	117	17670	7.444	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	62826	55.854	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	62826	132.047	ug/l #	10

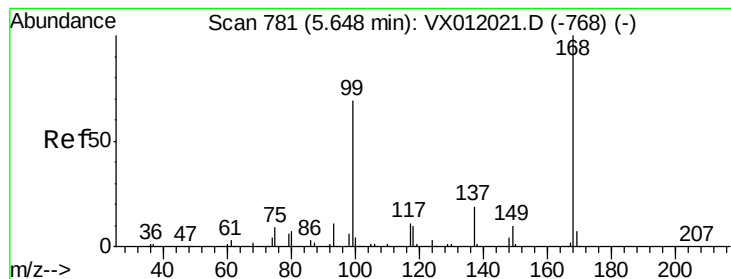
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012128.D

Acq: 06 Sep 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

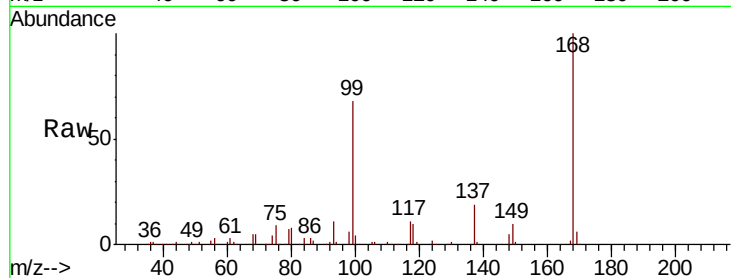
T12-A4-(3.5)

Tgt Ion:168 Resp: 146344

Ion Ratio Lower Upper

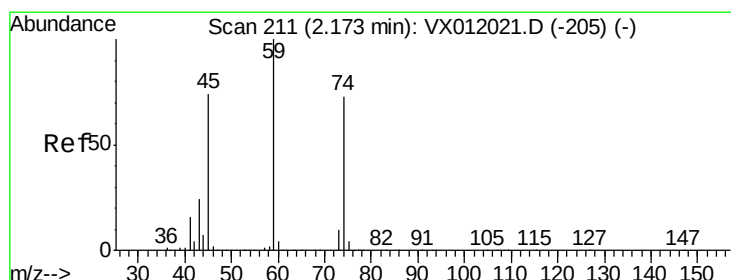
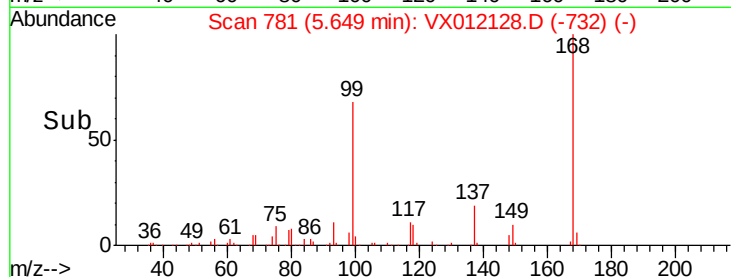
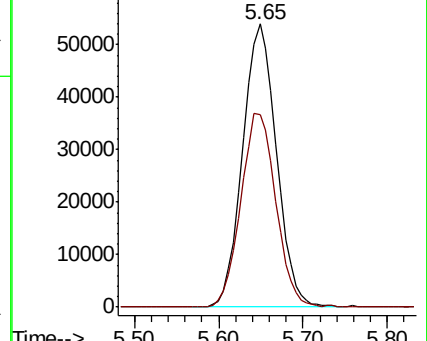
168 100

99 68.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.222 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012128.D

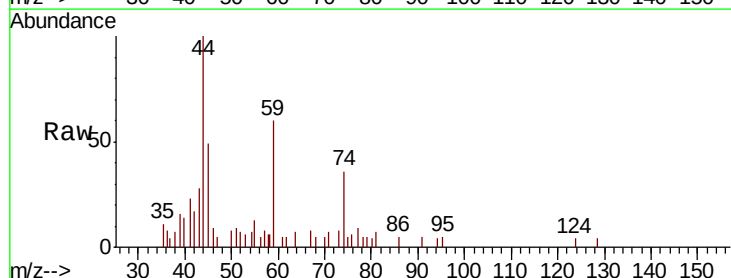
Acq: 06 Sep 2019 05:11

Tgt Ion: 74 Resp: 853

Ion Ratio Lower Upper

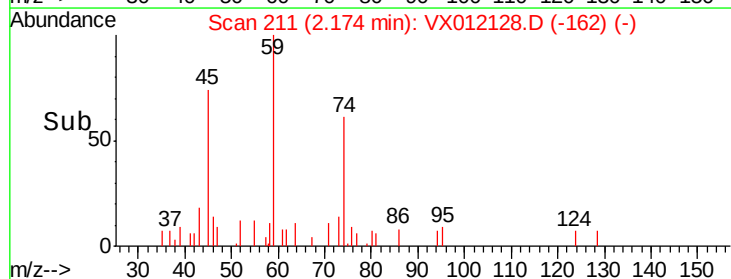
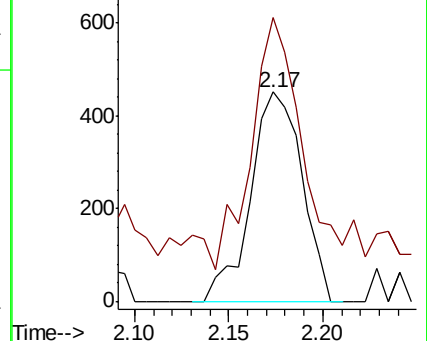
74 100

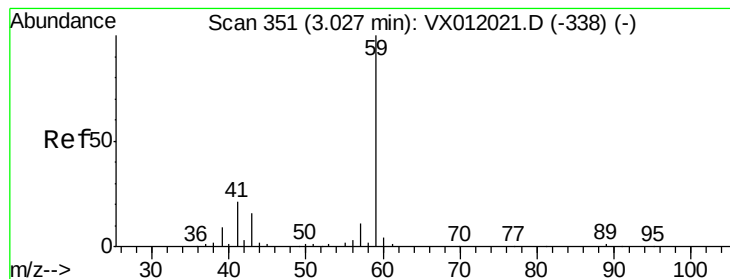
45 121.2 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



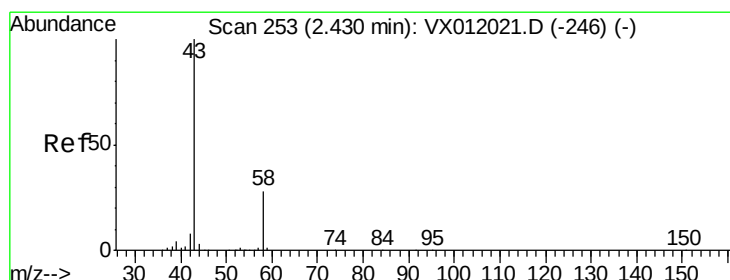
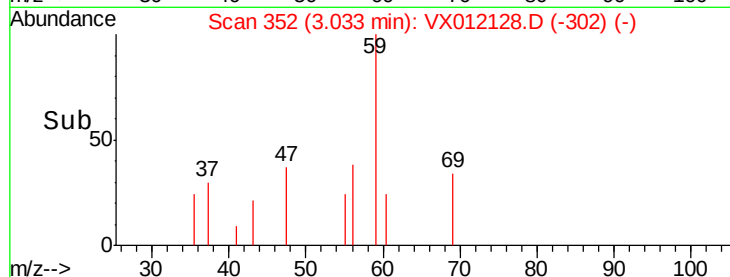
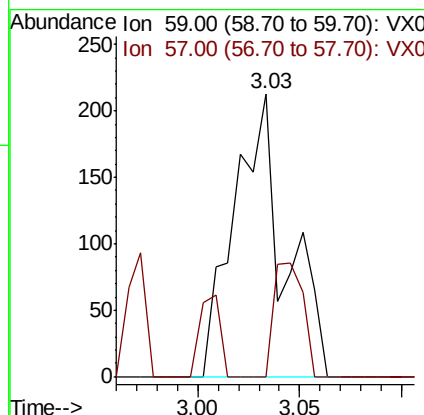
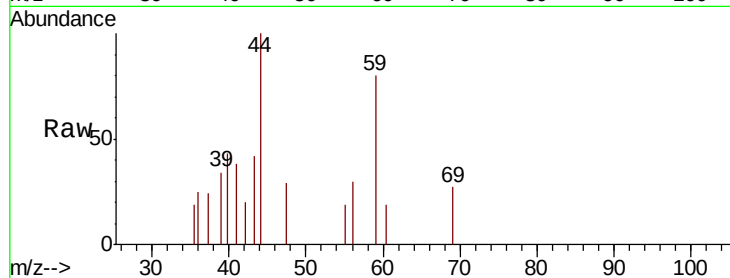


#11

Tert butyl alcohol
 Concen: 1.908 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A4-(3.5)

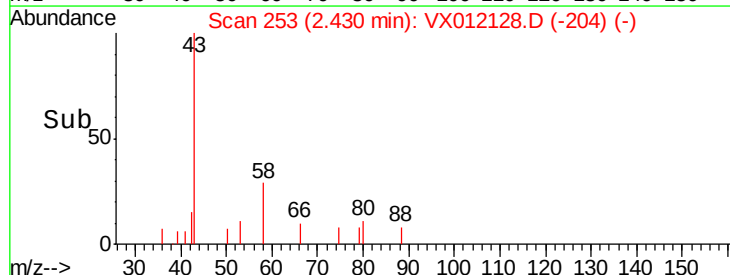
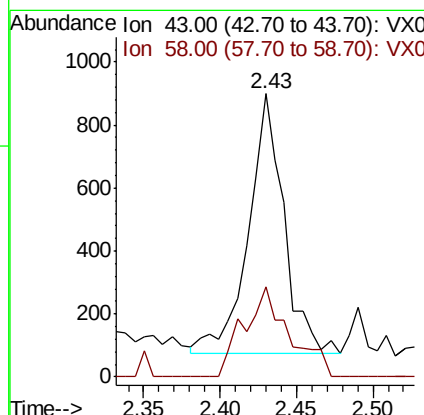
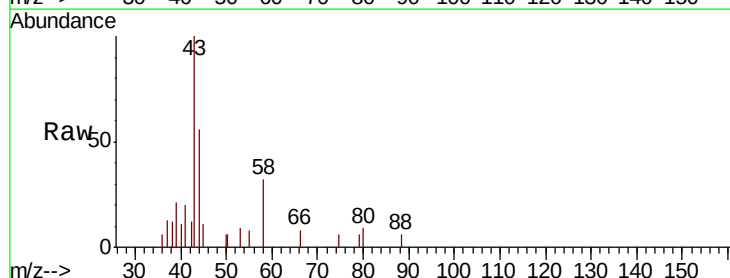
Tgt Ion: 59 Resp: 370
 Ion Ratio Lower Upper
 59 100
 57 23.2 7.9 11.9#

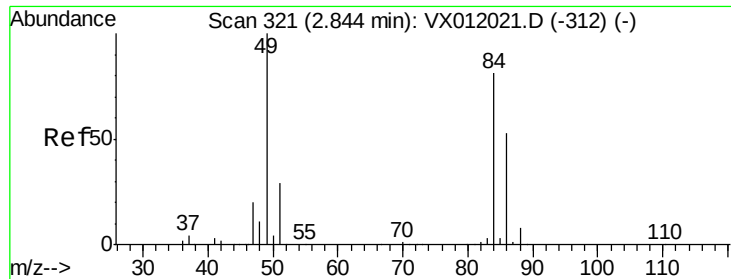


#16

Acetone
 Concen: 2.741 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Tgt Ion: 43 Resp: 1323
 Ion Ratio Lower Upper
 43 100
 58 34.8 22.8 34.2#

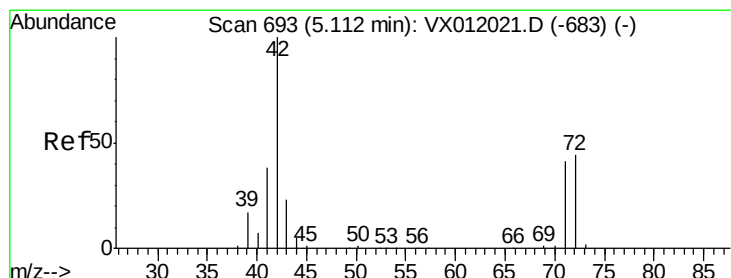
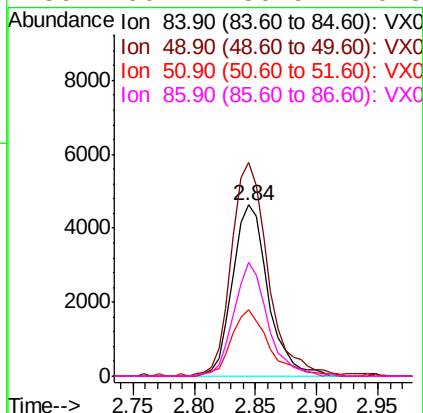
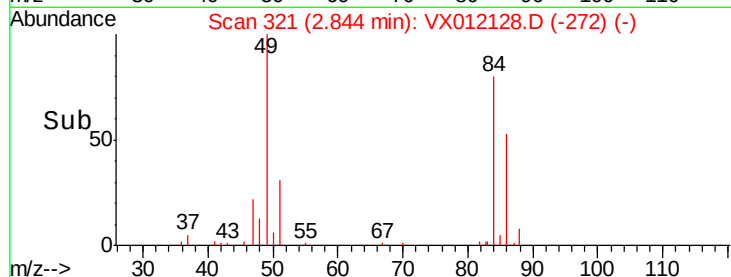
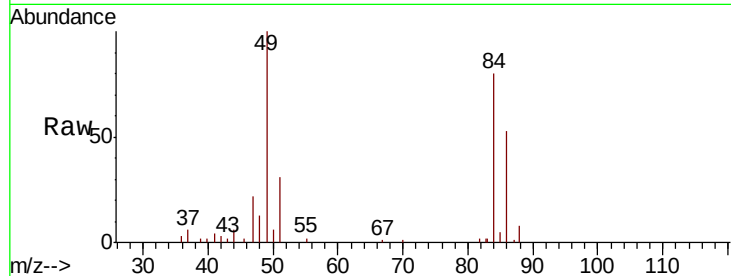




#20
Methylene Chloride
Concen: 4.814 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

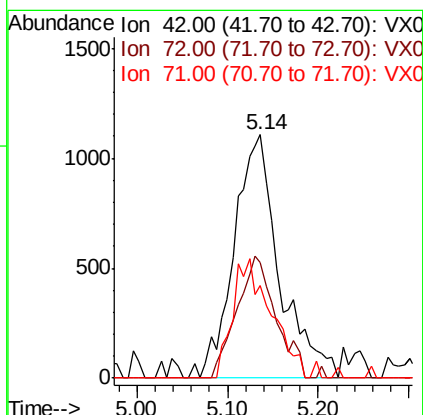
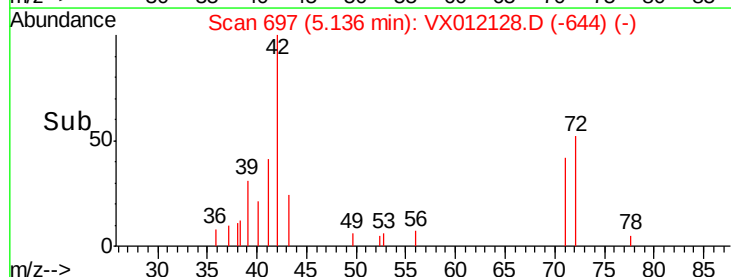
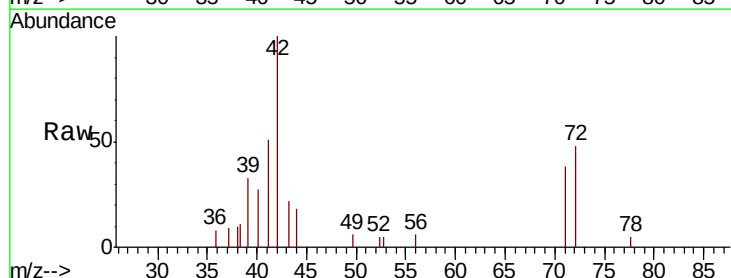
Instrument :
MSVOA_X
ClientSampleId :
T12-A4-(3.5)

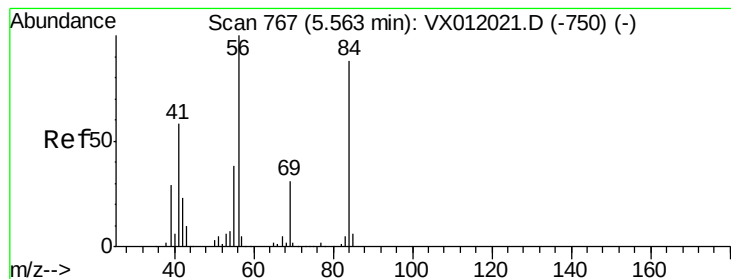
Tgt Ion:	84	Resp:	9330
Ion	Ratio	Lower	Upper
84	100		
49	124.9	95.8	143.8
51	38.7	28.6	43.0
86	66.4	50.9	76.3



#29
Tetrahydrofuran
Concen: 10.439 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

Tgt Ion:	42	Resp:	3864
Ion	Ratio	Lower	Upper
42	100		
72	42.9	37.0	55.4
71	41.4	33.8	50.8





#31

Cyclohexane

Concen: 1.611 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.09 min

Lab File: VX012128.D

Acq: 06 Sep 2019 05:11

Instrument :

MSVOA_X

ClientSampleId :

T12-A4-(3.5)

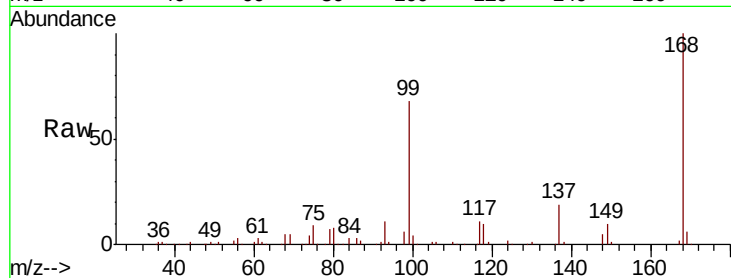
Tgt Ion: 56 Resp: 3989

Ion Ratio Lower Upper

56 100

69 186.6 25.7 38.5#

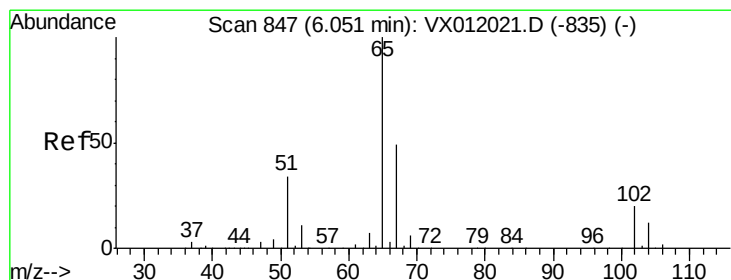
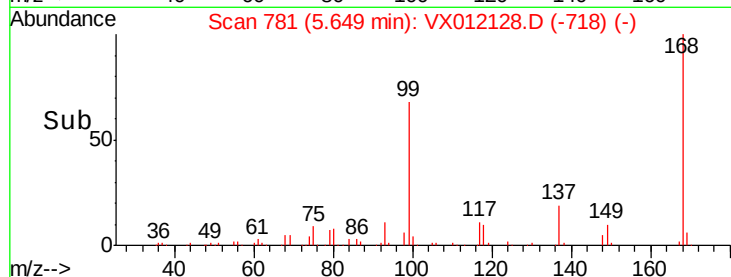
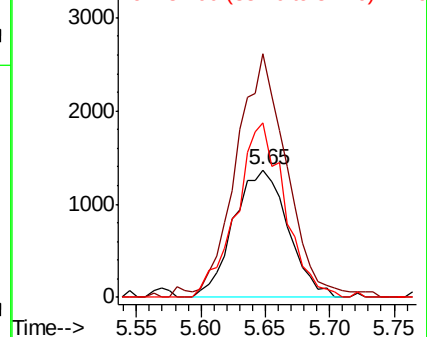
84 136.7 70.3 105.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.128 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012128.D

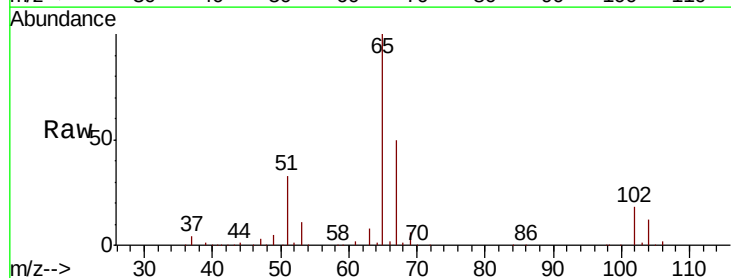
Acq: 06 Sep 2019 05:11

Tgt Ion: 65 Resp: 101222

Ion Ratio Lower Upper

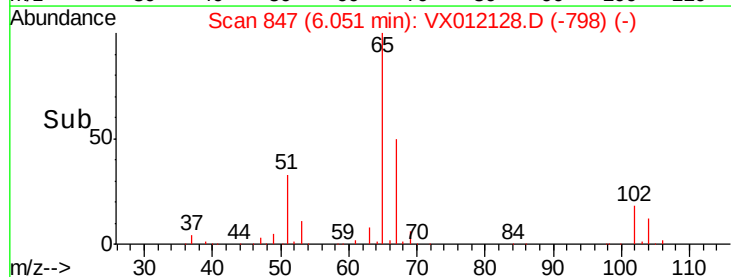
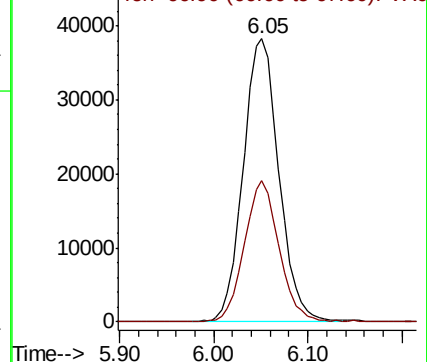
65 100

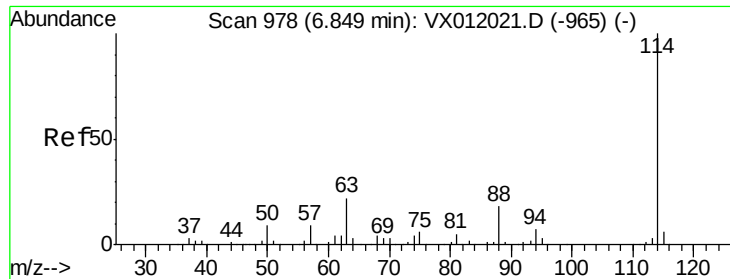
67 48.6 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

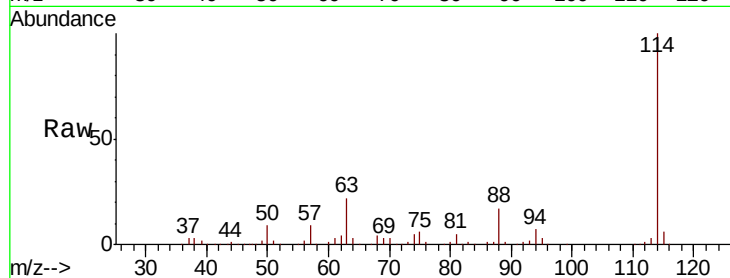




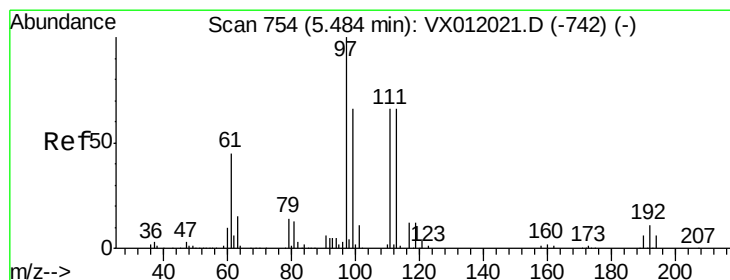
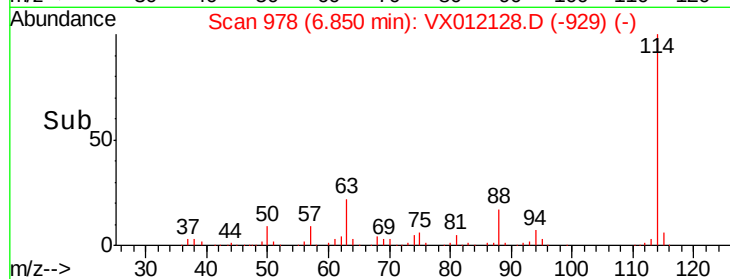
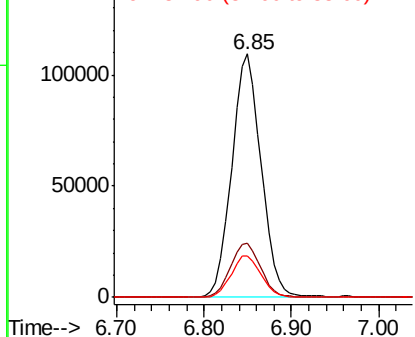
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-A4-(3.5)

Tgt Ion:114 Resp: 255755
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.4
 88 16.9 0.0 29.6

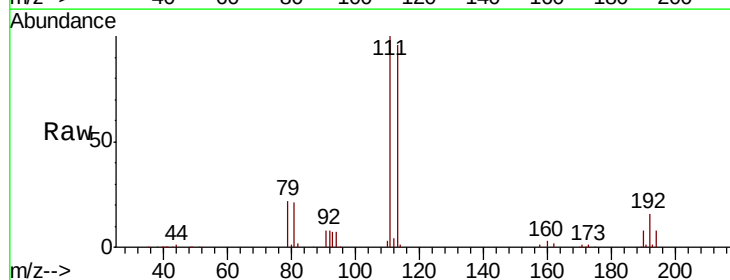


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

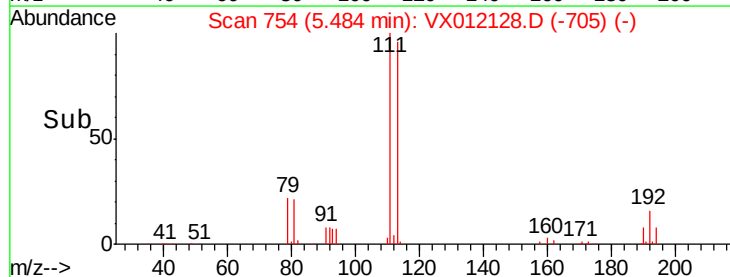
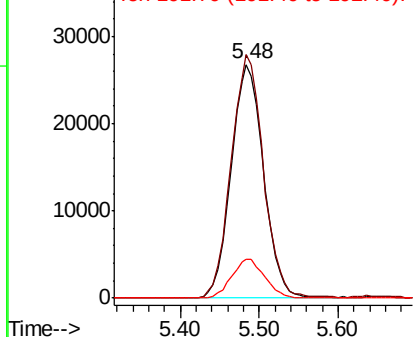


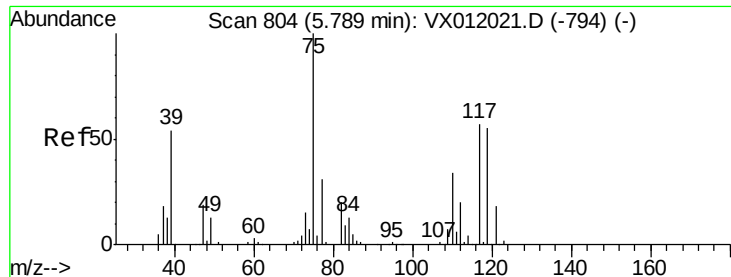
#35
 Dibromofluoromethane
 Concen: 48.666 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Tgt Ion:113 Resp: 76543
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 17.0 22.5 33.7#



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

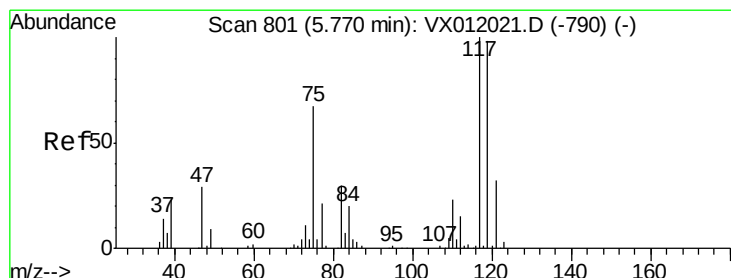
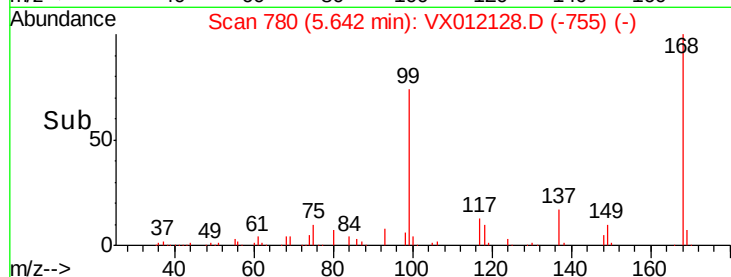
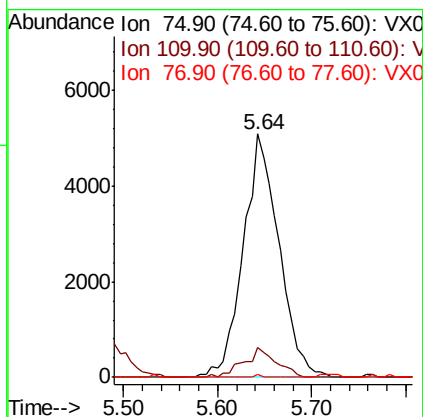
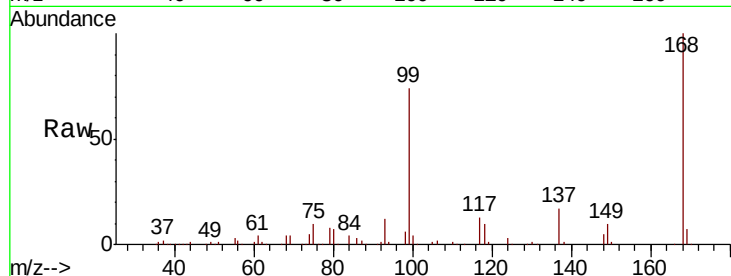




#36
 1,1-Dichloropropene
 Concen: 5.996 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

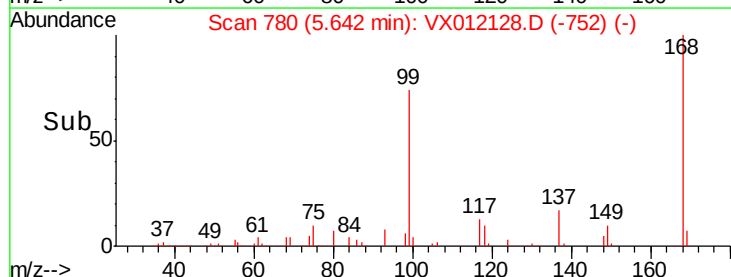
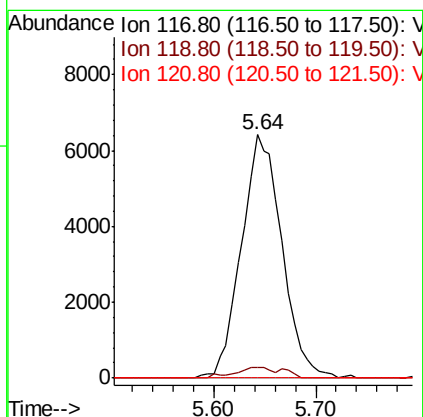
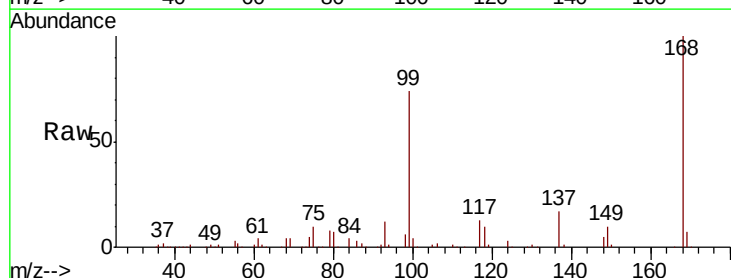
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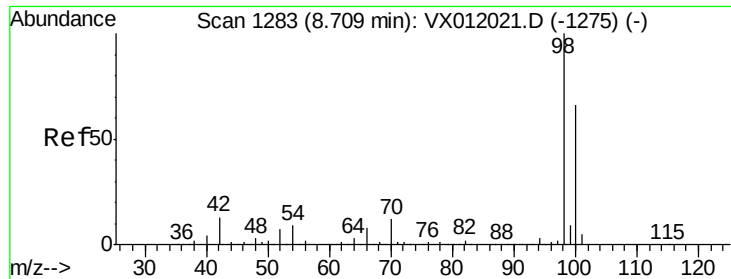
Tgt Ion: 75 Resp: 13506
 Ion Ratio Lower Upper
 75 100
 110 11.1 19.5 58.5#
 77 0.2 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.444 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012128.D
 Acq: 06 Sep 2019 05:11

Tgt Ion: 117 Resp: 17670
 Ion Ratio Lower Upper
 117 100
 119 4.3 78.3 117.5#
 121 0.0 24.2 36.2#

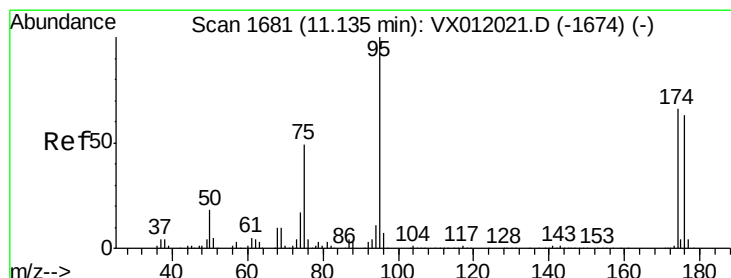
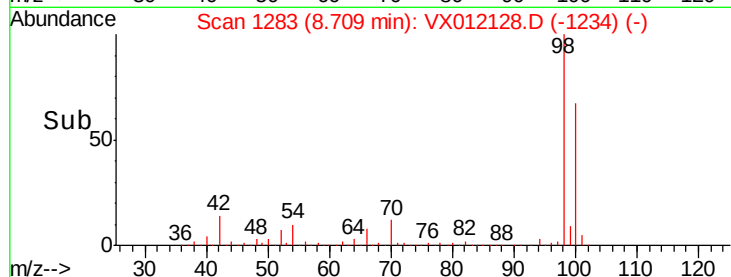
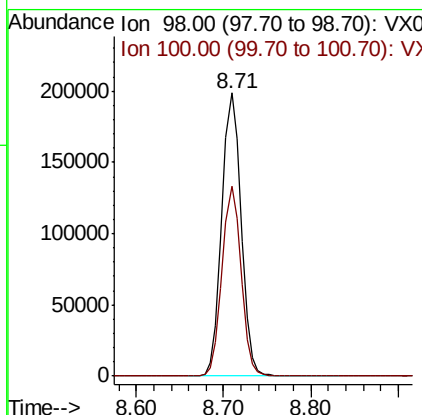
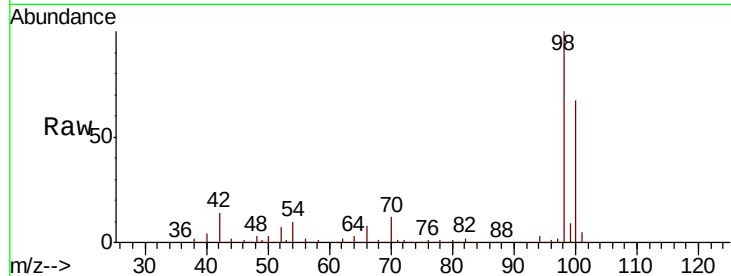




#50
Toluene-d8
Concen: 52.836 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

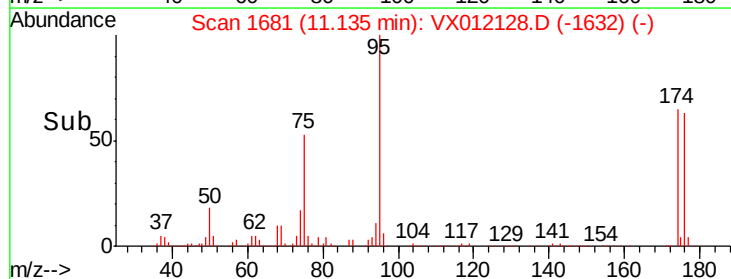
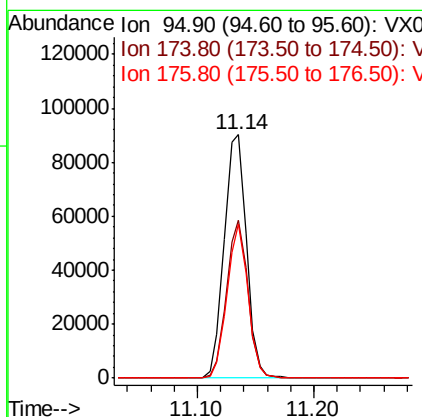
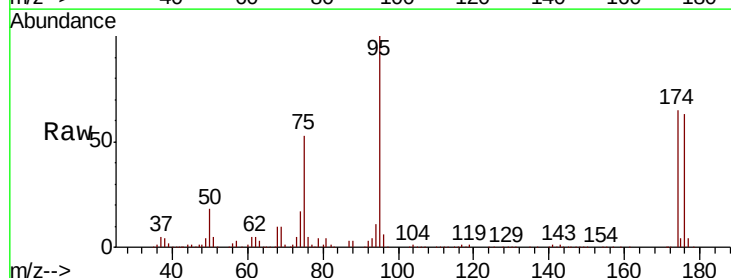
Instrument :
MSVOA_X
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T12-A4-(3.5)

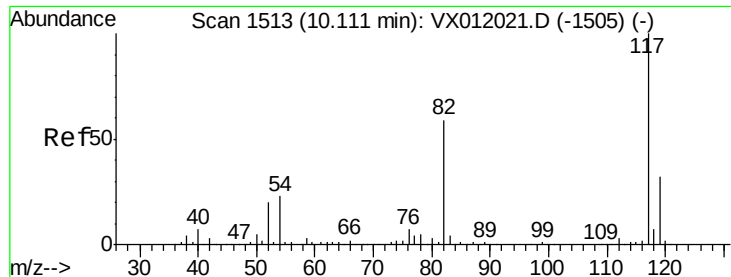
Tgt Ion: 98 Resp: 304945
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.663 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

Tgt Ion: 95 Resp: 119880
Ion Ratio Lower Upper
95 100
174 62.3 0.0 205.4
176 59.6 0.0 201.8

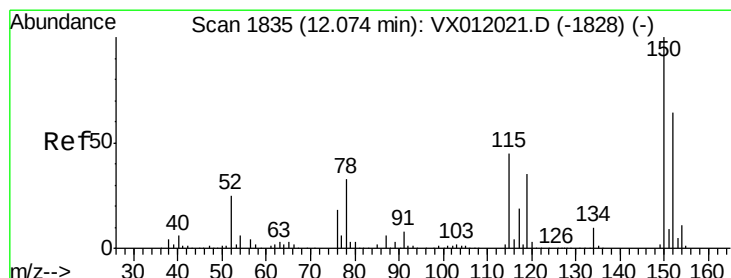
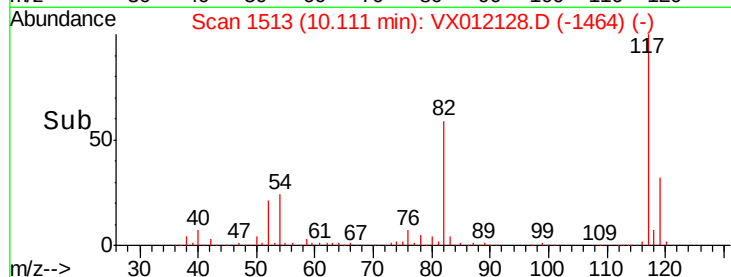
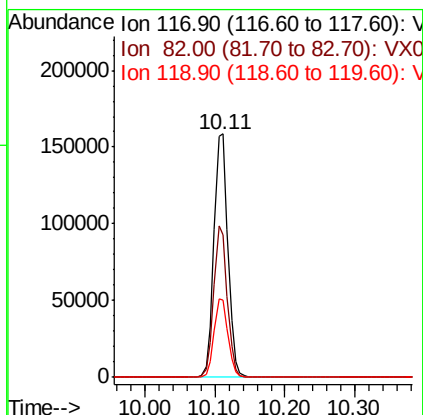
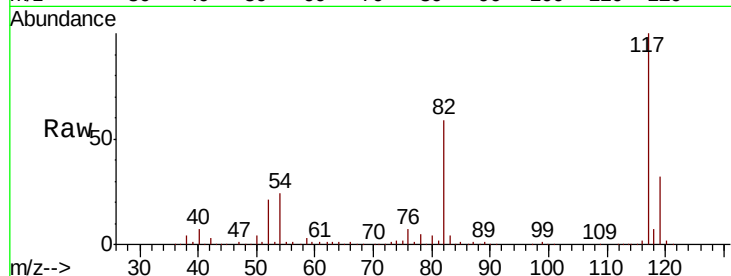




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

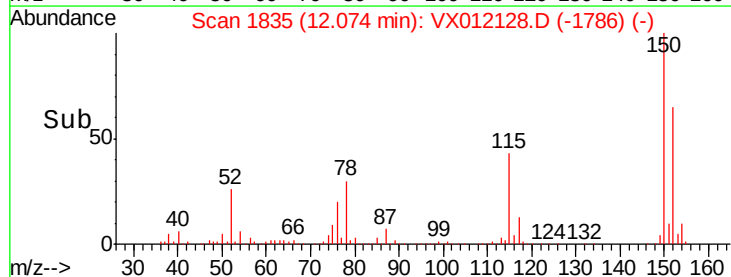
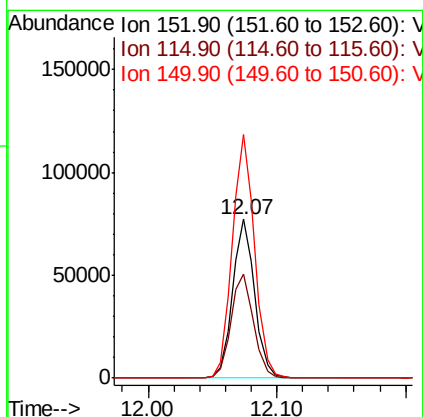
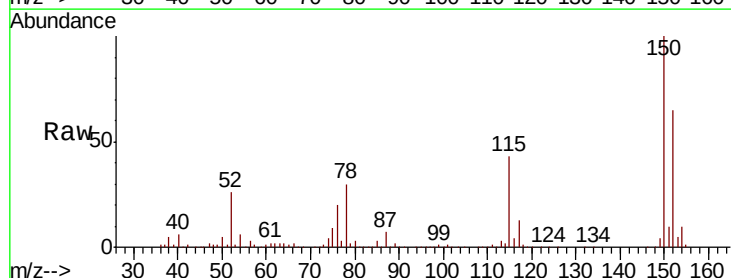
Instrument :
MSVOA_X
ClientSampleId :
T12-A4-(3.5)

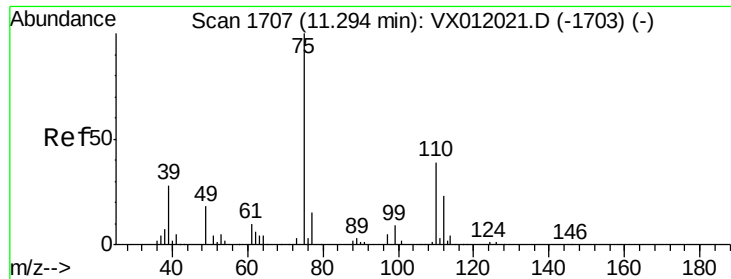
Tgt Ion:117 Resp: 221122
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 31.6 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012128.D
Acq: 06 Sep 2019 05:11

Tgt Ion:152 Resp: 92060
Ion Ratio Lower Upper
152 100
115 67.2 36.4 109.3
150 155.2 0.0 341.2





#76

1,2,3-Trichloropropane

Concen: 55.854 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012128.D

Acq: 06 Sep 2019 05:11

Instrument :

MSVOA_X

ClientSampled :

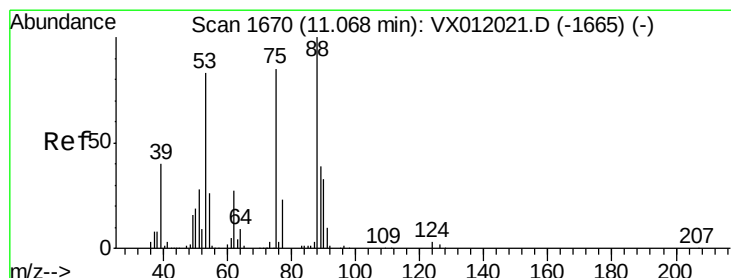
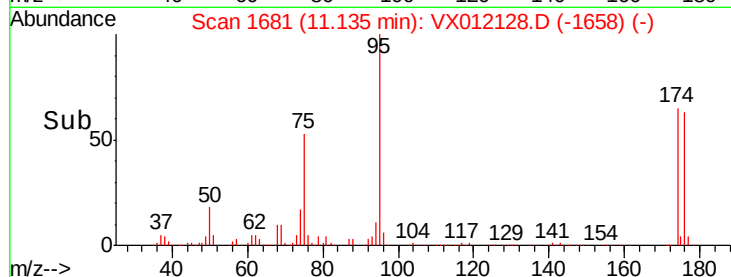
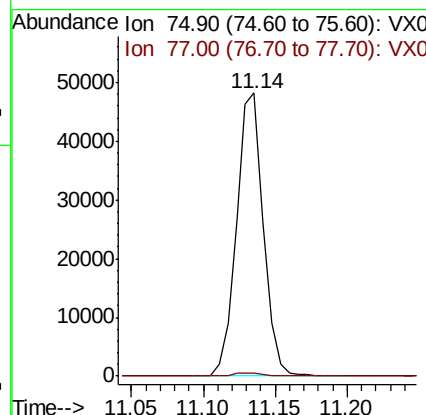
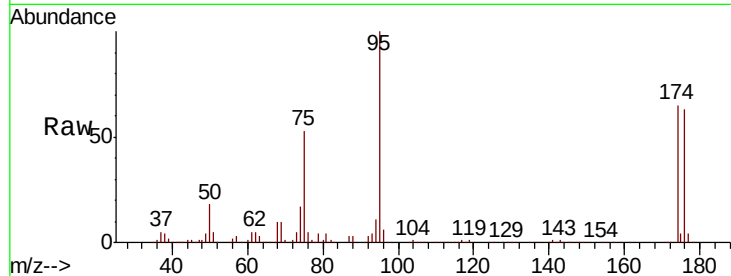
T12-A4-(3.5)

Tgt Ion: 75 Resp: 62826

Ion Ratio Lower Upper

75 100

77 1.3 23.5 70.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.047 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012128.D

Acq: 06 Sep 2019 05:11

Tgt Ion: 75 Resp: 62826

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.0 38.8 58.2#

