

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
 Data File : VX011479.D
 Acq On : 12 Aug 2019 13:32
 Operator : JC/SP
 Sample : K4262-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R 080819

Quant Time: Aug 13 07:38:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	190633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	289151	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120424	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	105644	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	5.49	113	90082	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	337893	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	11.13	95	113993	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	

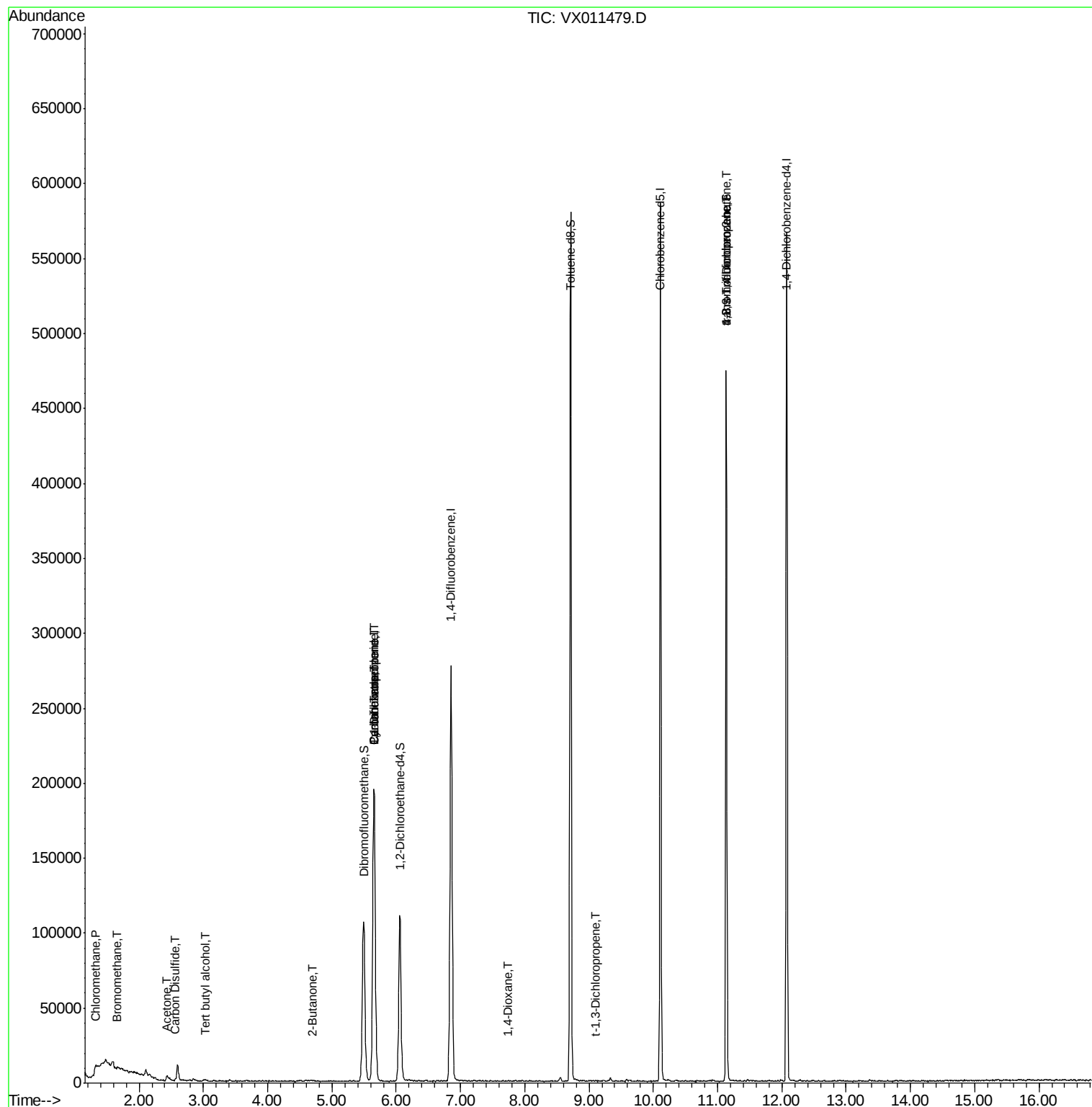
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	478	0.289	ug/l #	75
5) Bromomethane	1.65	94	634	0.489	ug/l #	60
6) Chloroethane	1.66	64	997	Below Cal	#	54
11) Tert butyl alcohol	3.04	59	655	1.734	ug/l #	90
16) Acetone	2.43	43	4350	4.760	ug/l	97
17) Carbon Disulfide	2.56	76	1505	0.370	ug/l	99
25) 2-Butanone	4.68	43	695	0.535	ug/l #	88
31) Cyclohexane	5.65	56	3933	1.591	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13289	5.264	ug/l #	44
38) Carbon Tetrachloride	5.65	117	18561	7.308	ug/l #	15
49) 1,4-Dioxane	7.74	88	21	0.380	ug/l #	1
53) t-1,3-Dichloropropene	9.10	75	19	2.845	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	58591	26.716	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	58591	69.408	ug/l #	10

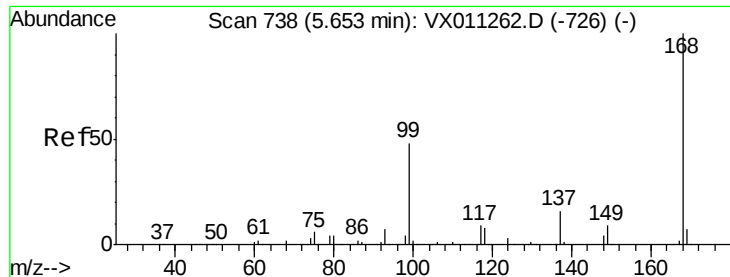
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX081219\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011479.D

Acq: 12 Aug 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

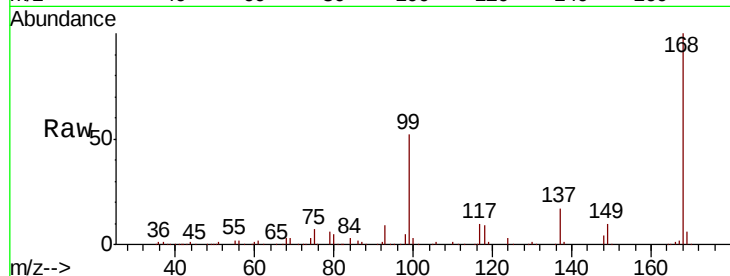
MW-2R 080819

Tgt Ion:168 Resp: 190633

Ion Ratio Lower Upper

168 100

99 52.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

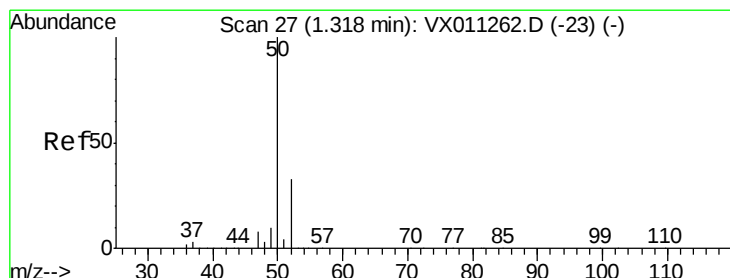
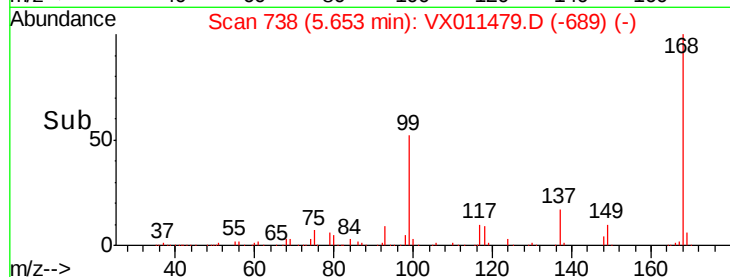
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.289 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011479.D

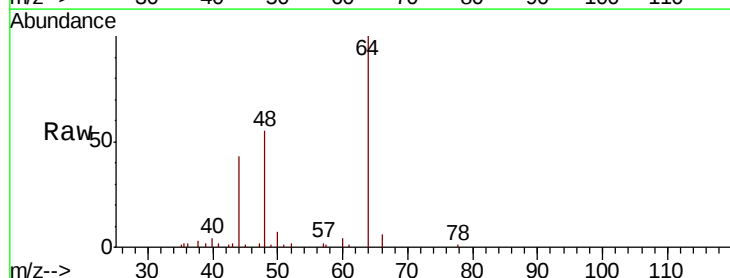
Acq: 12 Aug 2019 13:32

Tgt Ion: 50 Resp: 478

Ion Ratio Lower Upper

50 100

52 47.0 26.4 39.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

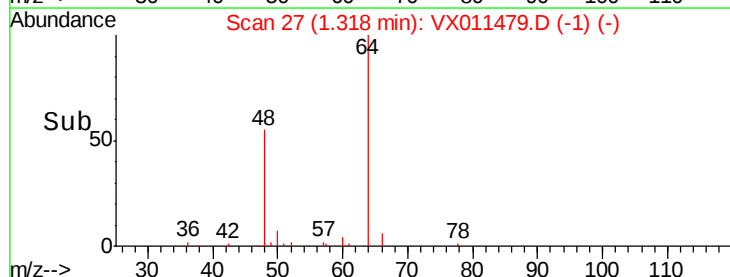
300

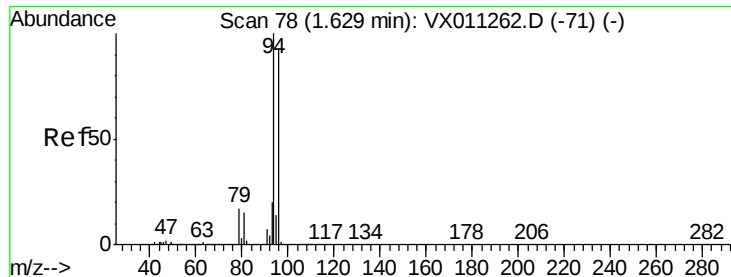
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 0.489 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX011479.D

Acq: 12 Aug 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

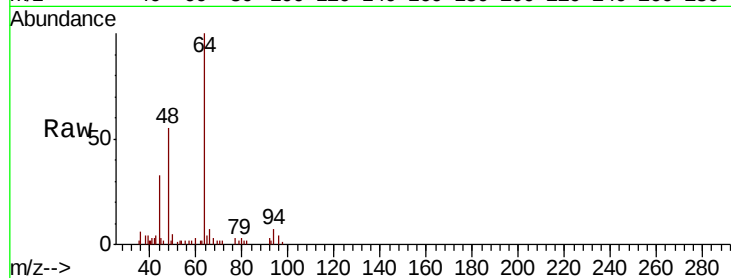
MW-2R 080819

Tgt Ion: 94 Resp: 634

Ion Ratio Lower Upper

94 100

96 55.2 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

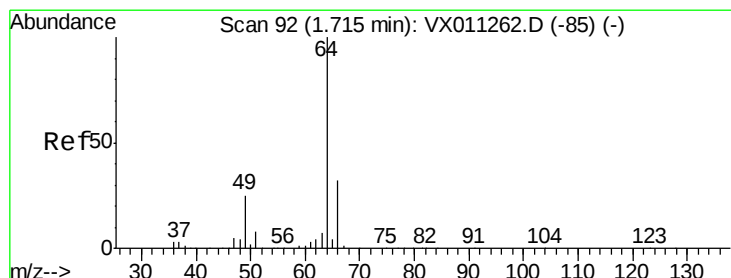
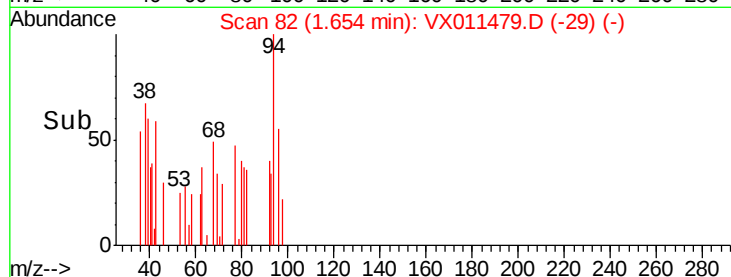
100

50

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. -0.05 min

Lab File: VX011479.D

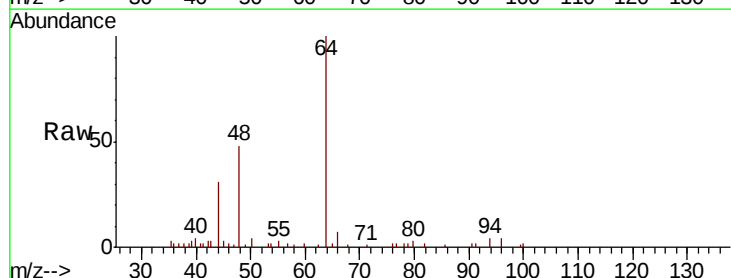
Acq: 12 Aug 2019 13:32

Tgt Ion: 64 Resp: 997

Ion Ratio Lower Upper

64 100

66 6.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.66

4000

3000

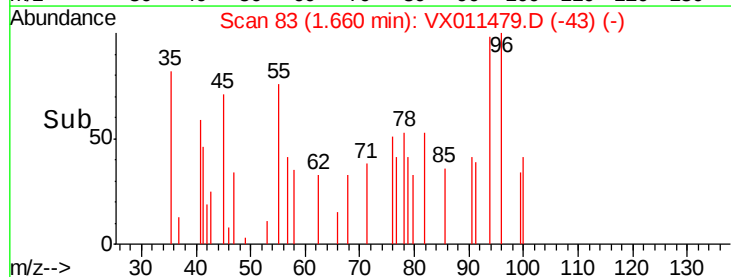
2000

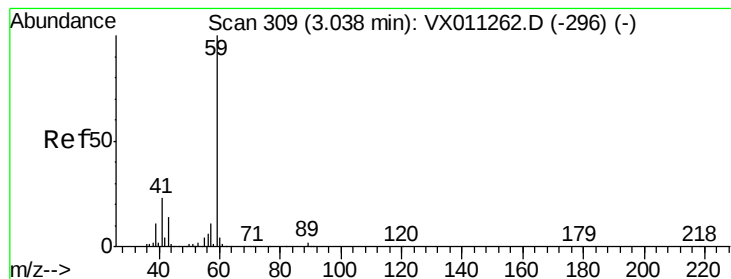
1000

0

1.64 1.65 1.66 1.67 1.68

Time-->



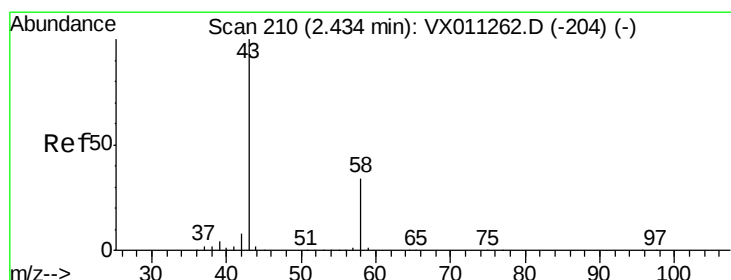
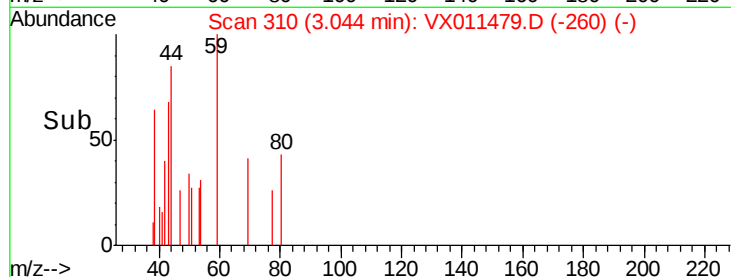
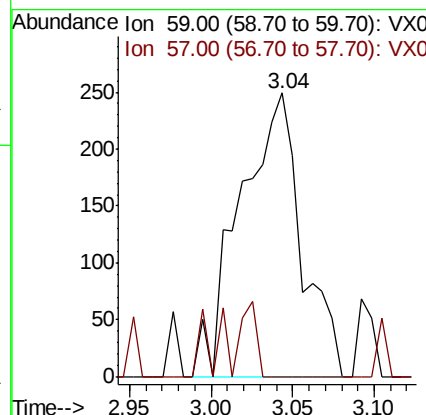
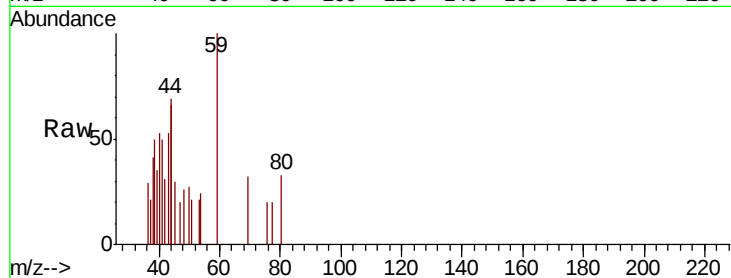


#11

Tert butyl alcohol
 Concen: 1.734 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R 080819

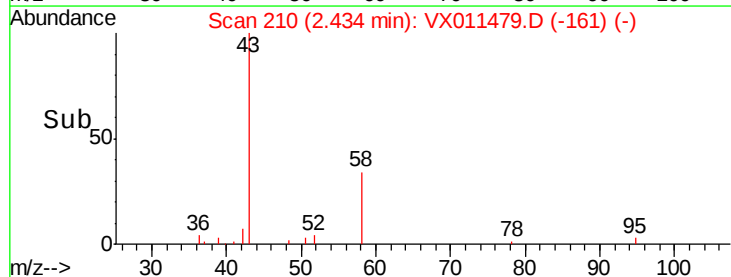
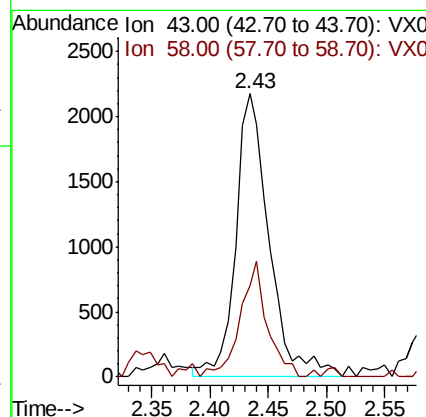
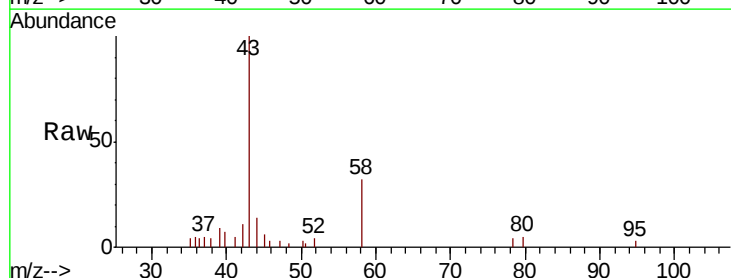
Tgt Ion: 59 Resp: 655
 Ion Ratio Lower Upper
 59 100
 57 6.6 8.3 12.5#

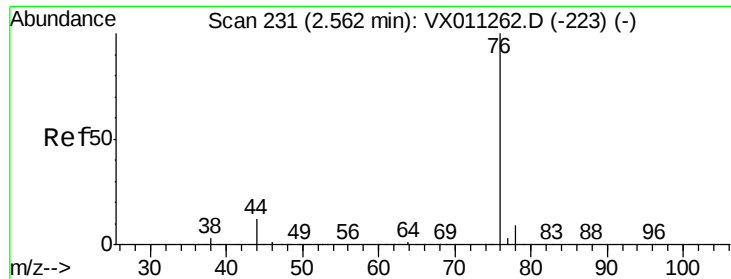


#16

Acetone
 Concen: 4.760 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

Tgt Ion: 43 Resp: 4350
 Ion Ratio Lower Upper
 43 100
 58 32.4 27.4 41.0

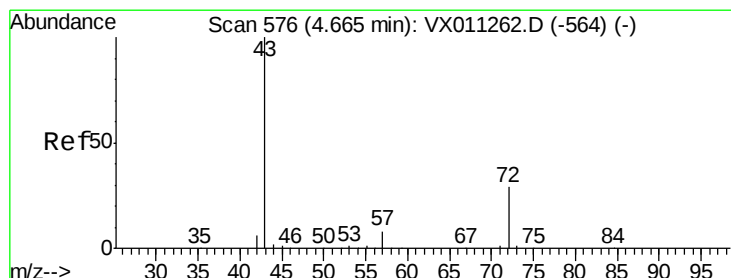
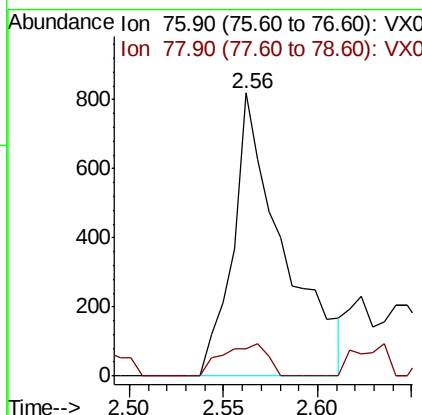
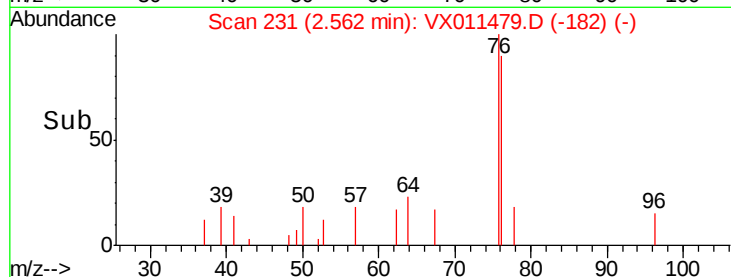
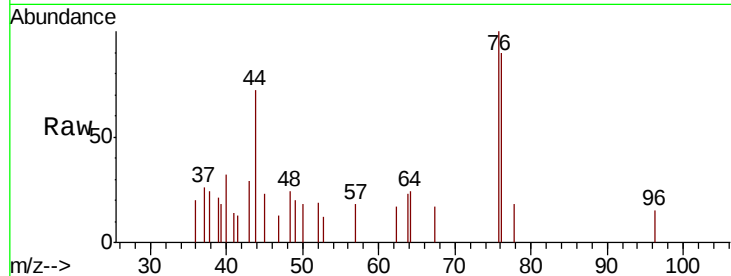




#17
Carbon Disulfide
Concen: 0.370 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011479.D
Acq: 12 Aug 2019 13:32

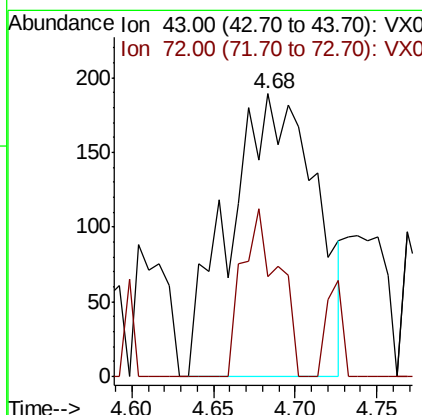
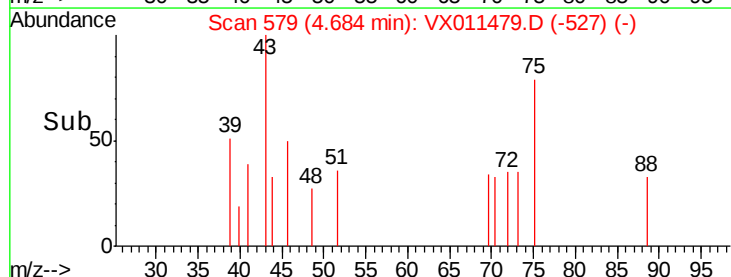
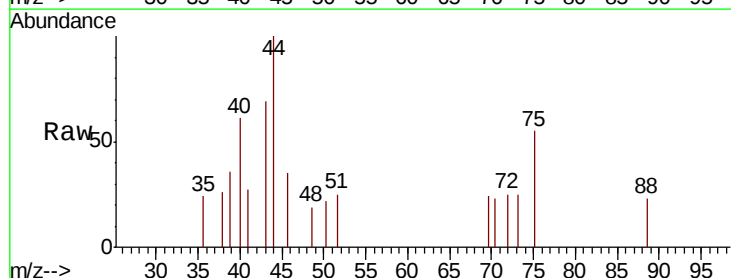
Instrument :
MSVOA_X
ClientSampleId :
MW-2R_080819

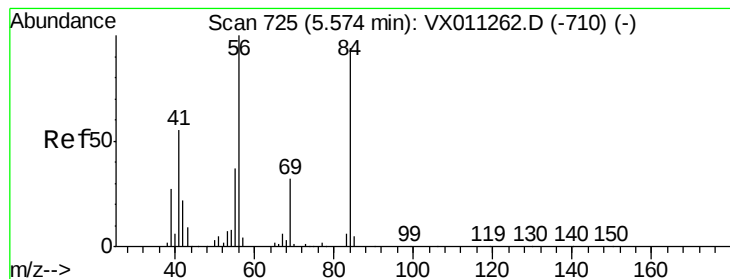
Tgt Ion: 76 Resp: 1505
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#25
2-Butanone
Concen: 0.535 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.02 min
Lab File: VX011479.D
Acq: 12 Aug 2019 13:32

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
72 35.4 23.2 34.8#





#31

Cyclohexane

Concen: 1.591 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX011479.D

Acq: 12 Aug 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2R 080819

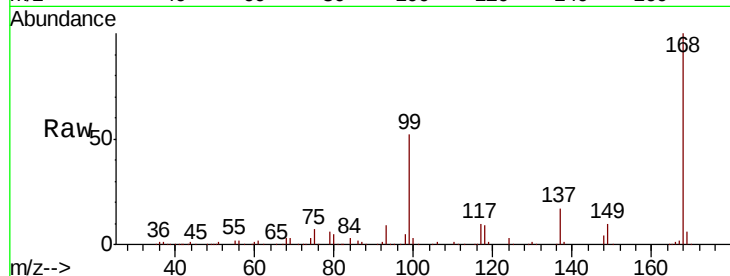
Tgt Ion: 56 Resp: 3933

Ion Ratio Lower Upper

56 100

69 185.9 25.5 38.3#

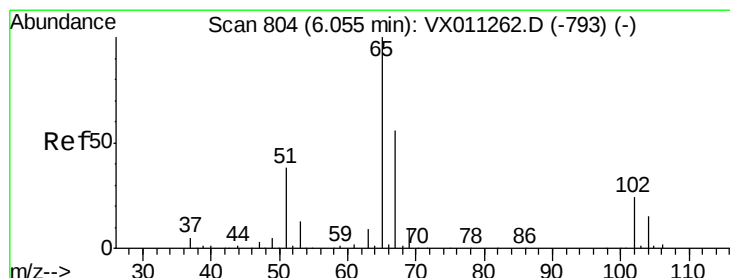
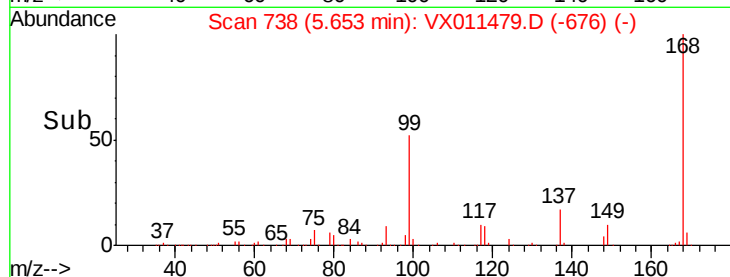
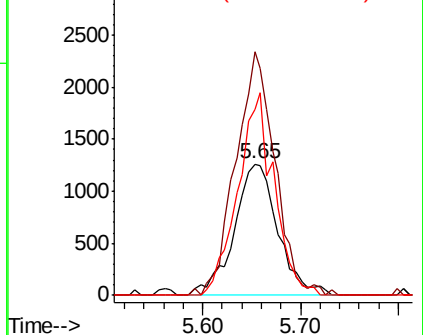
84 141.7 75.0 112.4#



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: 55.029 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011479.D

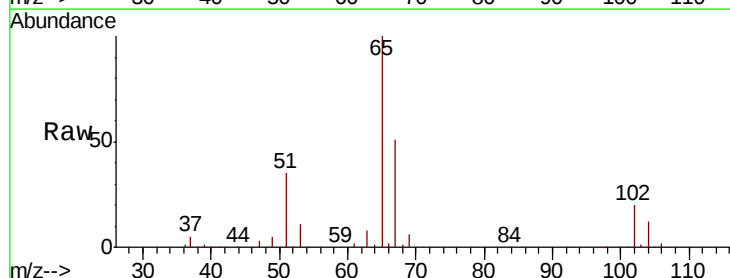
Acq: 12 Aug 2019 13:32

Tgt Ion: 65 Resp: 105644

Ion Ratio Lower Upper

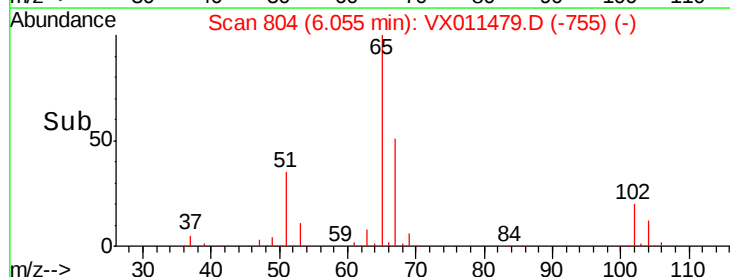
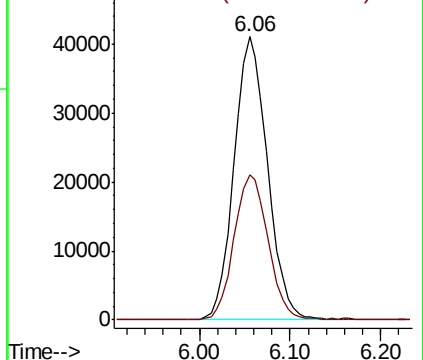
65 100

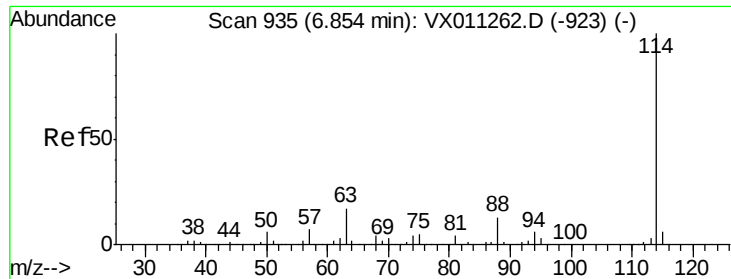
67 51.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

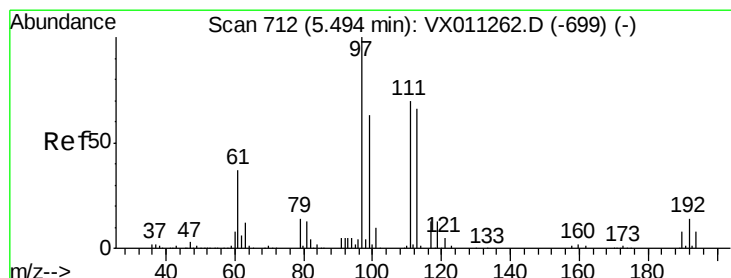
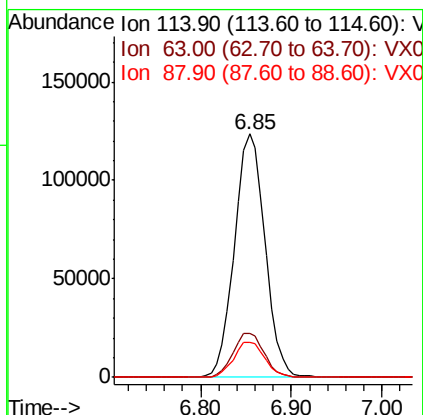
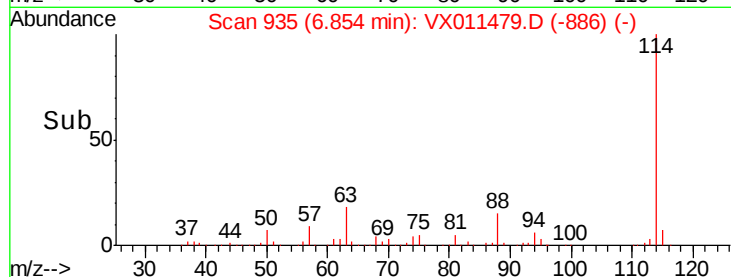
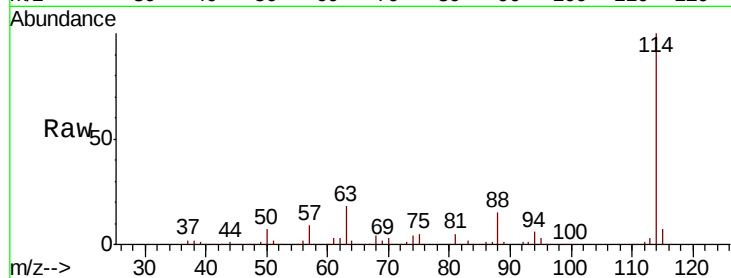




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

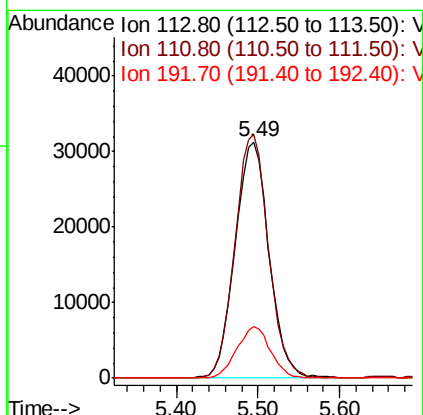
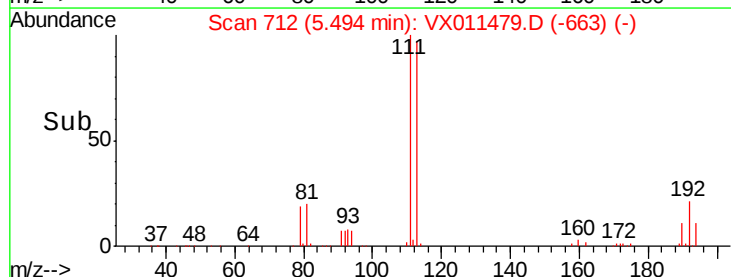
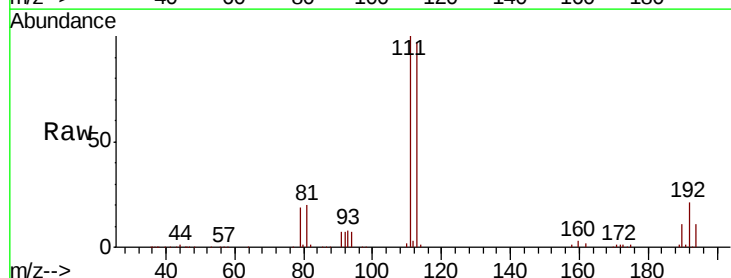
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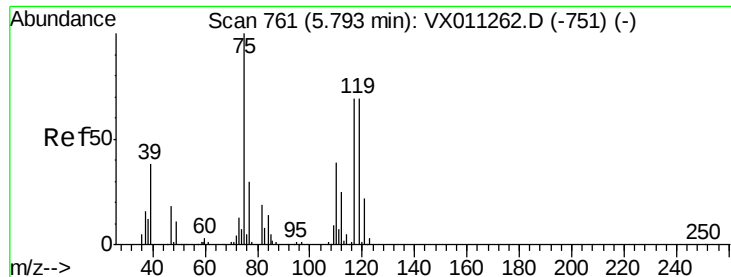
Tgt Ion:114 Resp: 289151
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.0
 88 14.5 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 47.718 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

Tgt Ion:113 Resp: 90082
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 21.6 17.8 26.8

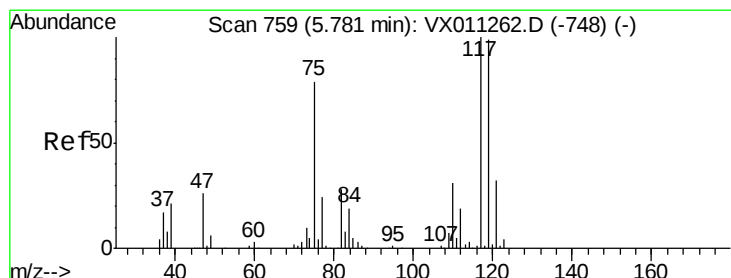
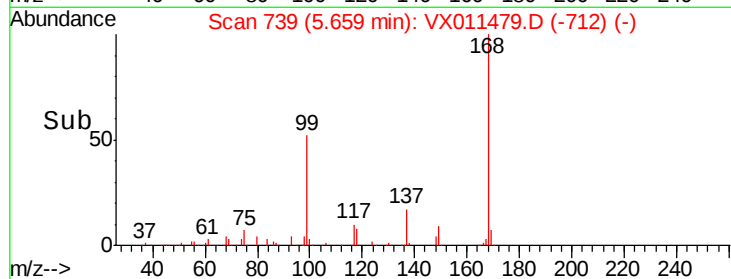
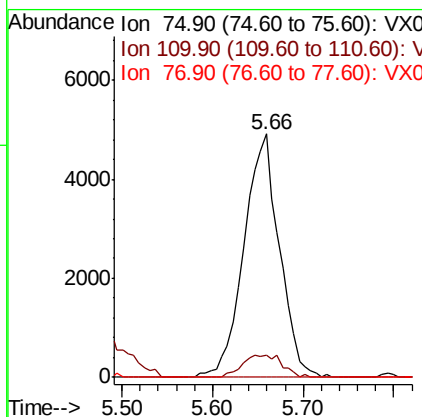
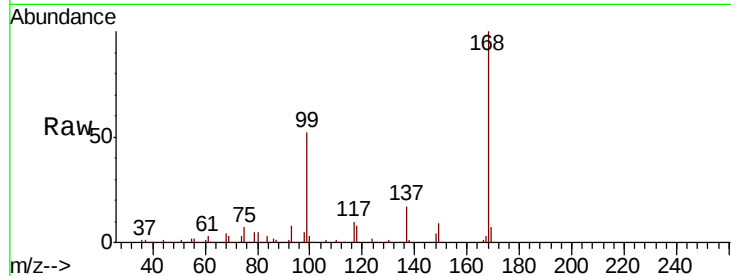




#36
 1,1-Dichloropropene
 Concen: 5.264 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

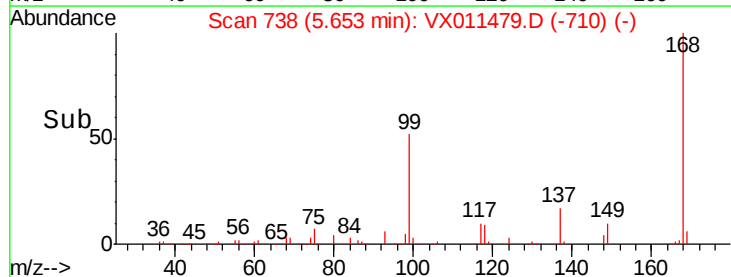
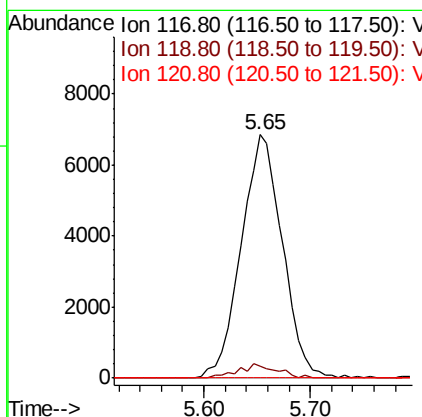
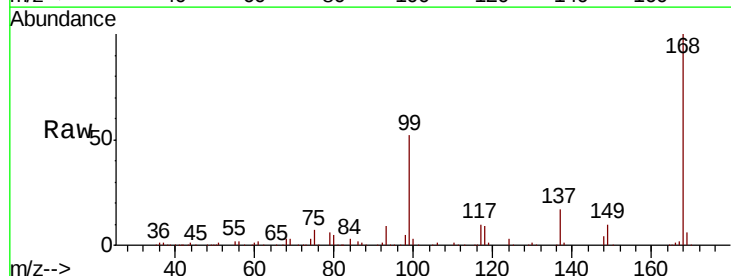
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 MW-2R_080819

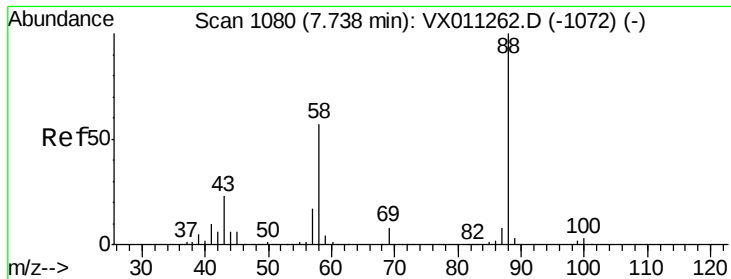
Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.2	20.0	59.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.308 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	79.0	118.4#
121	0.0	25.9	38.9#





#49

1,4-Dioxane

Concen: 0.380 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX011479.D

Acq: 12 Aug 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

MW-2R 080819

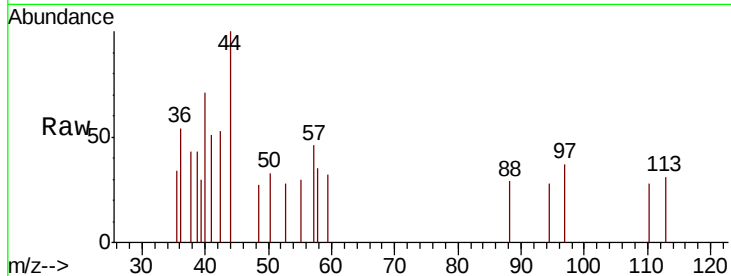
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 661.9 22.2 33.2#

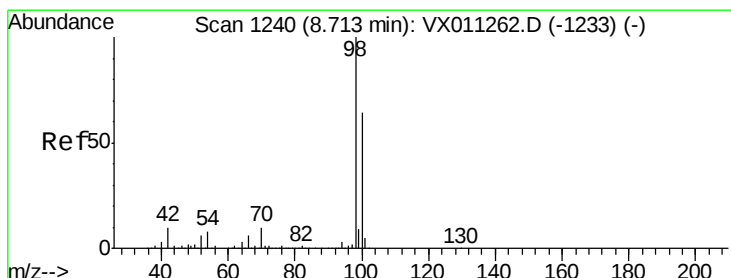
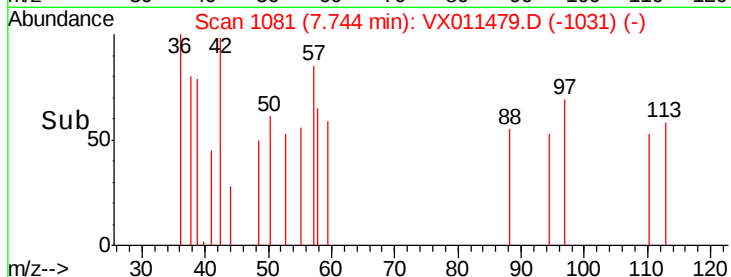
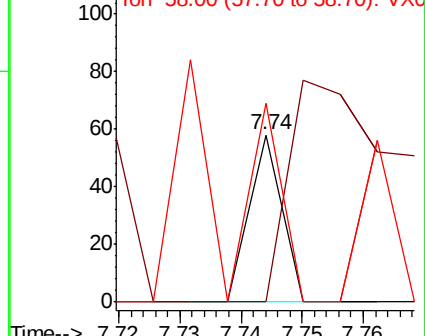
58 95.2 47.8 71.8#



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: 47.418 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011479.D

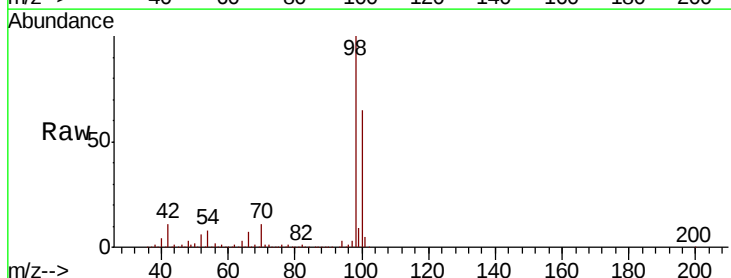
Acq: 12 Aug 2019 13:32

Tgt Ion: 98 Resp: 337893

Ion Ratio Lower Upper

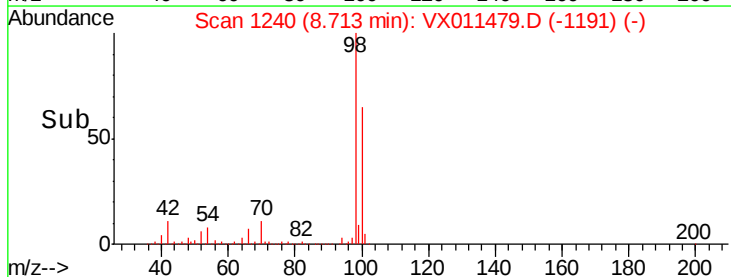
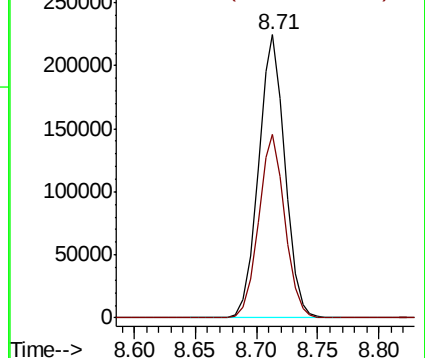
98 100

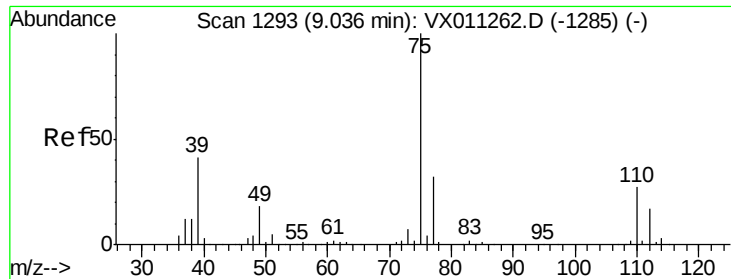
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

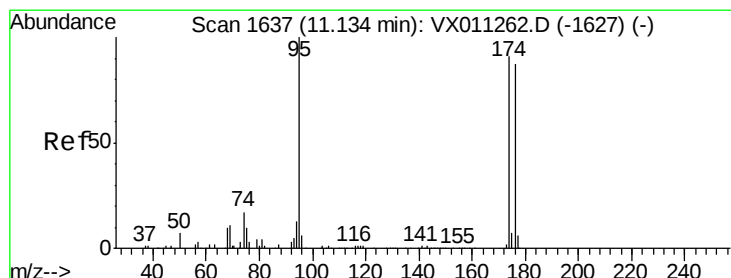
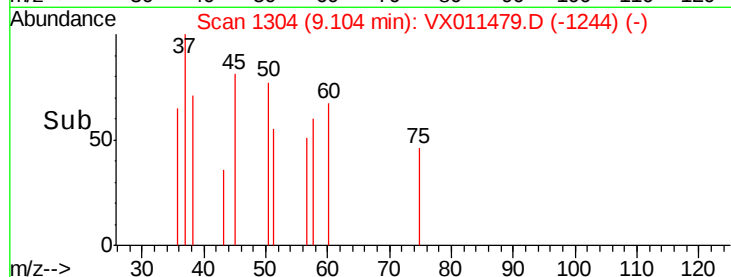
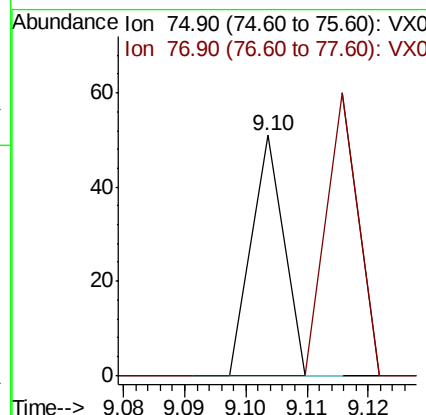
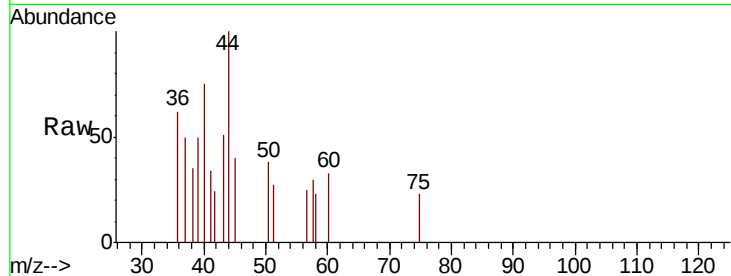




#53
t-1,3-Dichloropropene
Concen: 2.845 ug/l
RT: 9.10 min Scan# 1304
Delta R.T. 0.07 min
Lab File: VX011479.D
Acq: 12 Aug 2019 13:32

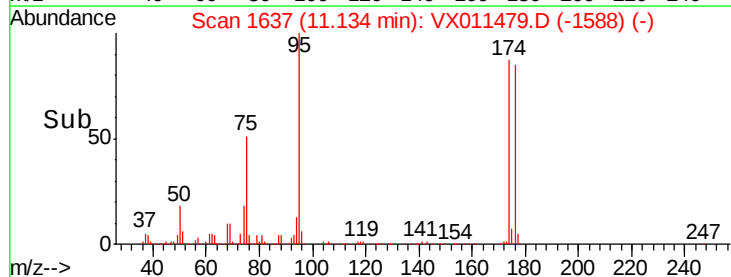
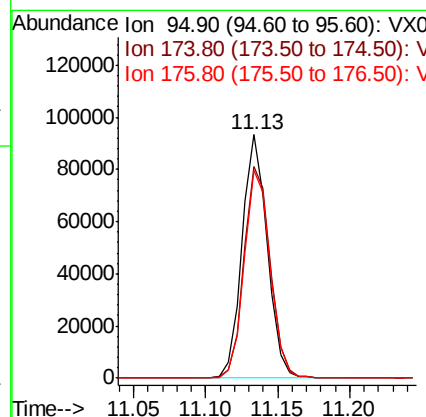
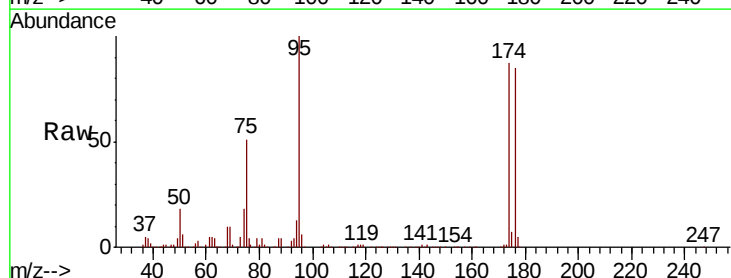
Instrument :
MSVOA_X
ClientSampleId :
MW-2R_080819

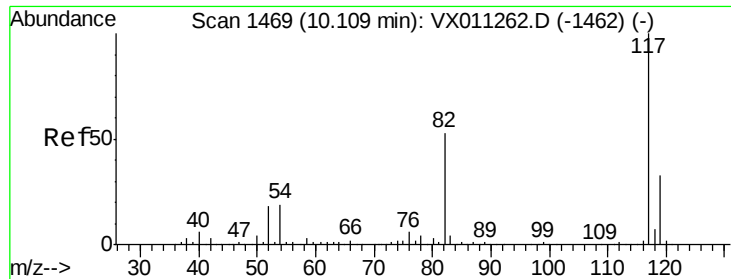
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#62
4-Bromofluorobenzene
Concen: 44.806 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011479.D
Acq: 12 Aug 2019 13:32

Tgt Ion: 95 Resp: 113993
Ion Ratio Lower Upper
95 100
174 90.1 0.0 191.2
176 87.5 0.0 184.8

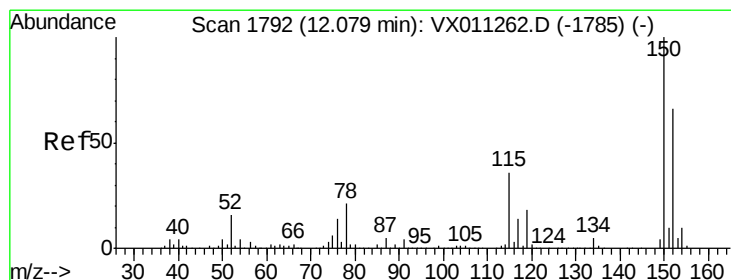
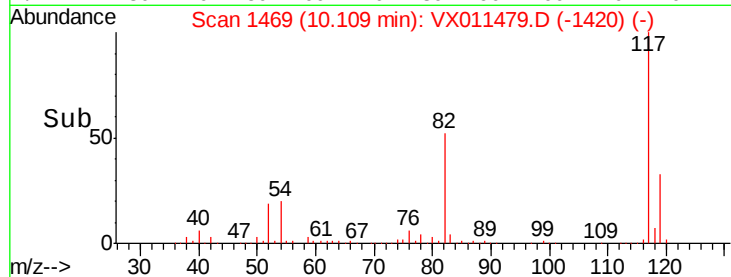
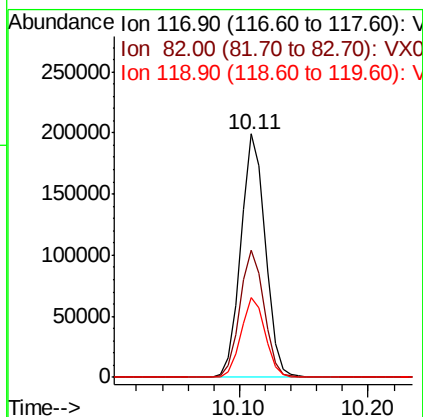
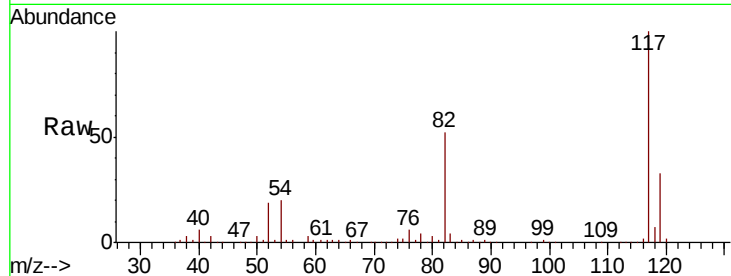




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011479.D
Acq: 12 Aug 2019 13:32

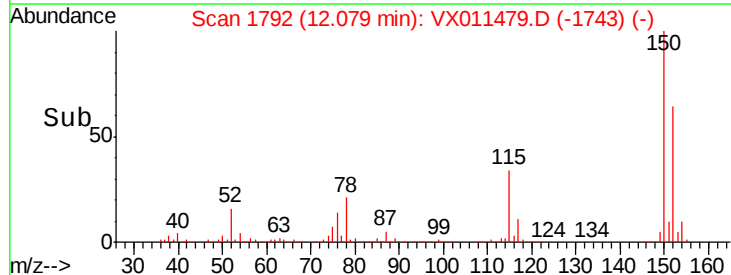
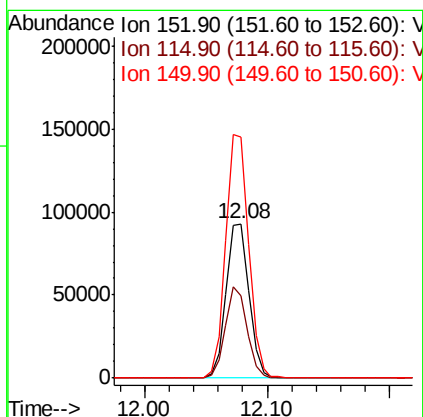
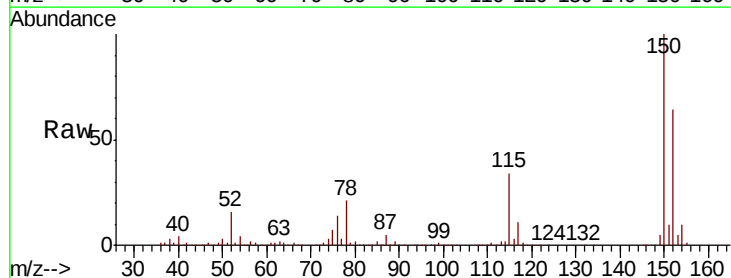
Instrument :
MSVOA_X
ClientSampleId :
MW-2R_080819

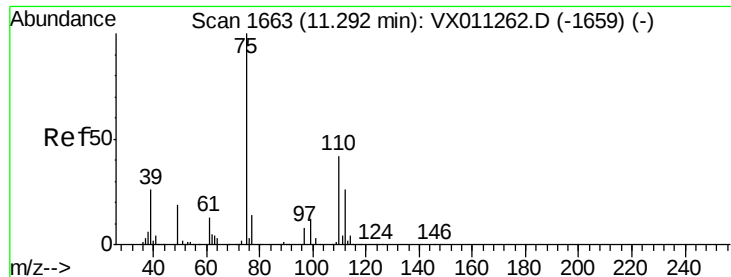
Tgt Ion:117 Resp: 260857
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011479.D
Acq: 12 Aug 2019 13:32

Tgt Ion:152 Resp: 120424
Ion Ratio Lower Upper
152 100
115 55.8 40.0 119.9
150 158.0 0.0 350.4

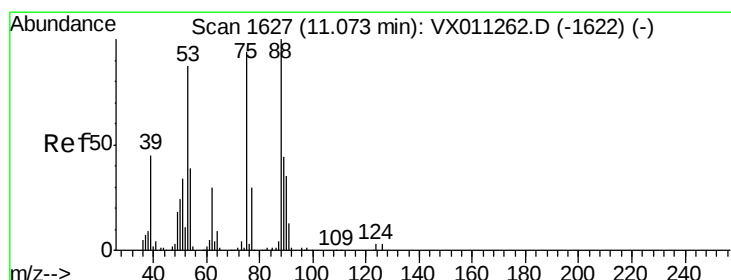
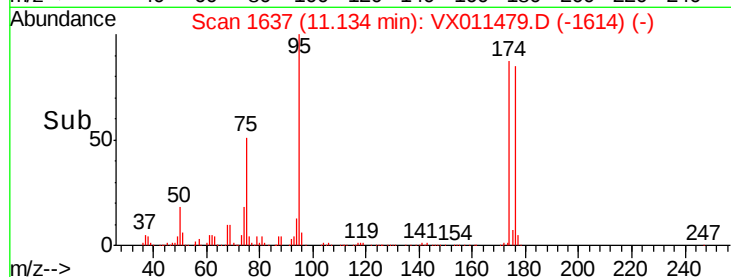
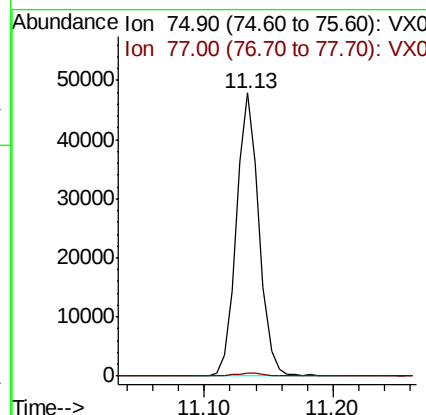
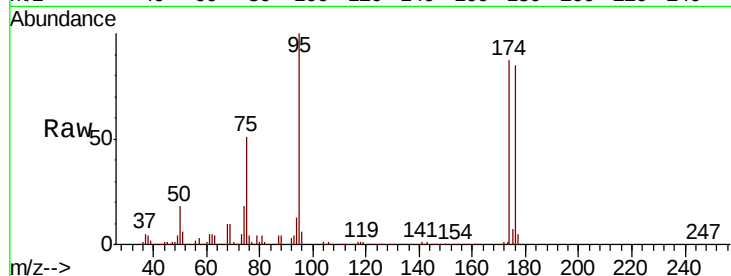




#76
 1,2,3-Trichloropropane
 Concen: 26.716 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2R_080819

Tgt Ion: 75 Resp: 58591
 Ion Ratio Lower Upper
 75 100
 77 1.4 21.1 63.4#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.408 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011479.D
 Acq: 12 Aug 2019 13:32

Tgt Ion: 75 Resp: 58591
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.2 117.4#
 89 0.1 37.9 56.9#

