

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009833.D
 Acq On : 23 May 2019 03:38
 Operator : JC/SP
 Sample : K2976-14 50X
 Misc : 5.55µ/5mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-HR(17-20)

Quant Time: May 23 07:25:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	292784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132142	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	123658	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	5.50	113	88233	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	373687	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.13	95	134266	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	

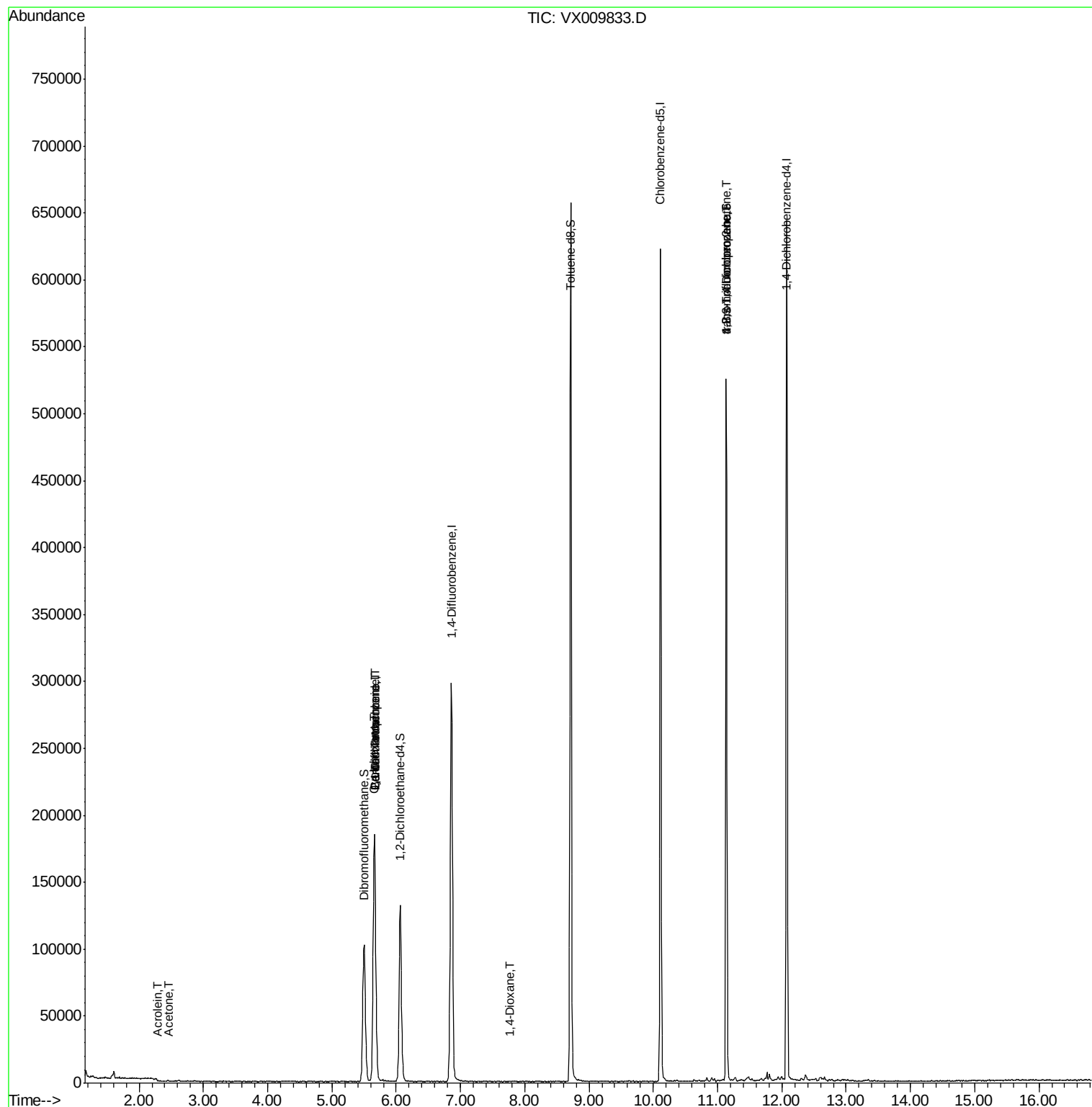
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.29	56	110	0.217	ug/l #	4
16) Acetone	2.45	43	683	0.525	ug/l	89
28) Bromochloromethane	5.01	49	79	Below Cal	#	20
31) Cyclohexane	5.65	56	4101	1.145	ug/l #	8
36) 1,1-Dichloropropene	5.66	75	14625	5.375	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16971	6.865	ug/l #	16
49) 1,4-Dioxane	7.77	88	20	0.328	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	69853	22.789	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	69853	58.309	ug/l #	10

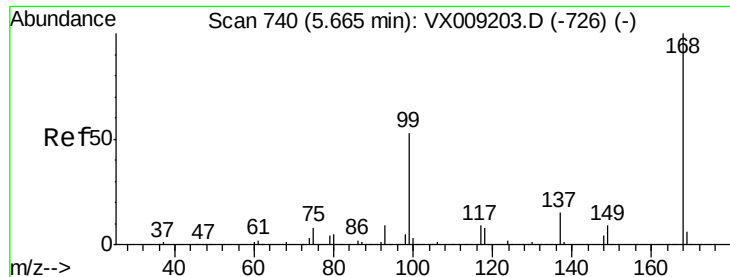
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
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Sample : K2976-14 50X
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Instrument :
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ClientSampleId :
EP1-SB-MW-HR(17-20)

Quant Time: May 23 07:25:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

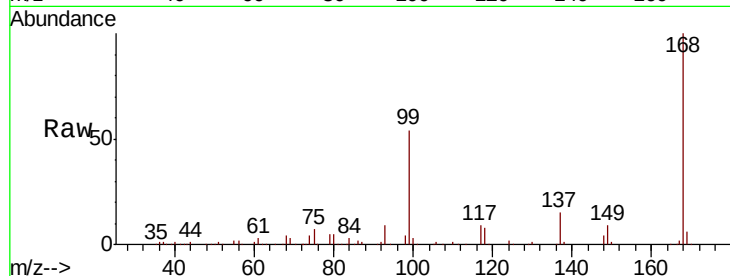
EP1-SB-MW-HR(17-20)

Tot Ion:168 Resp: 177447

Ion Ratio Lower Upper

168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

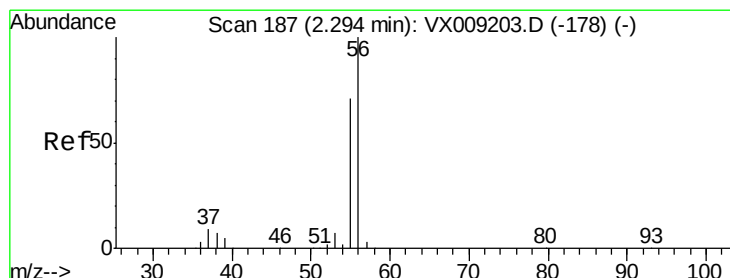
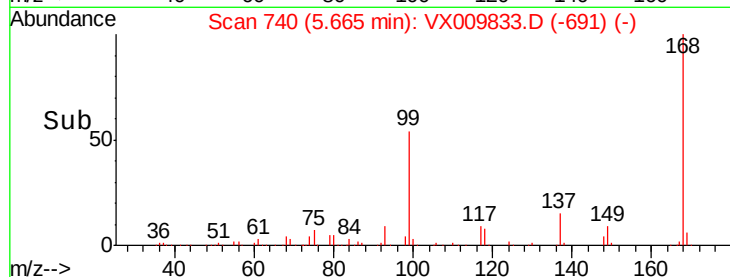
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#13

Acrolein

Concen: 0.217 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX009833.D

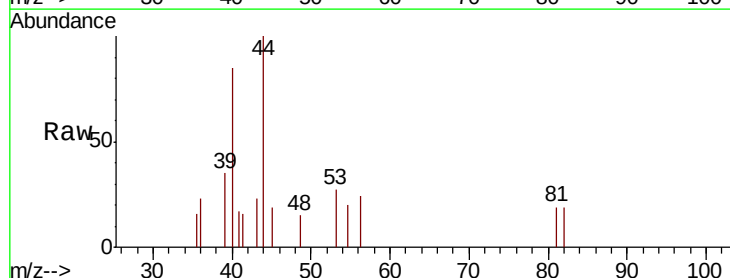
Acq: 23 May 2019 03:38

Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 150.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

120

100

80

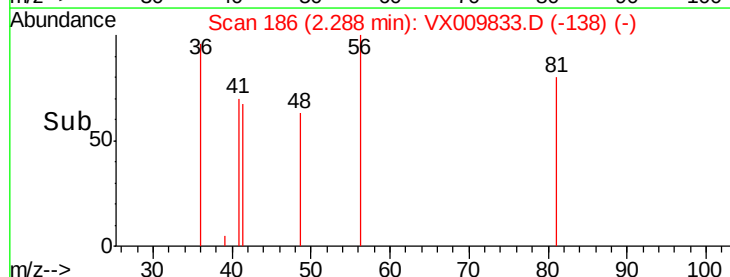
60

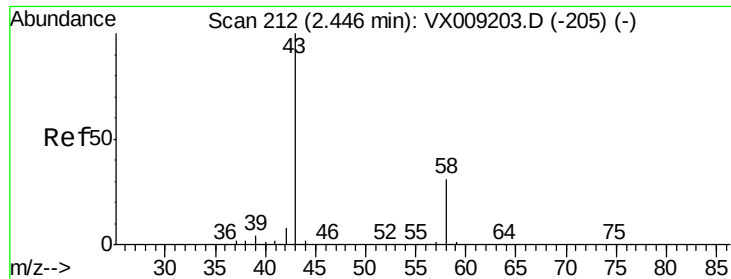
40

20

0

Time--> 2.28 2.30 2.32





#16

Acetone

Concen: 0.525 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

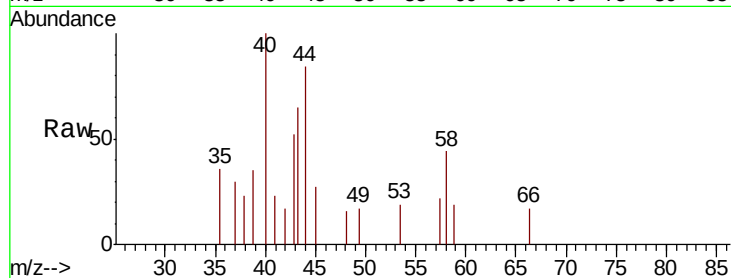
EP1-SB-MW-HR(17-20)

Tot Ion: 43 Resp: 683

Ion Ratio Lower Upper

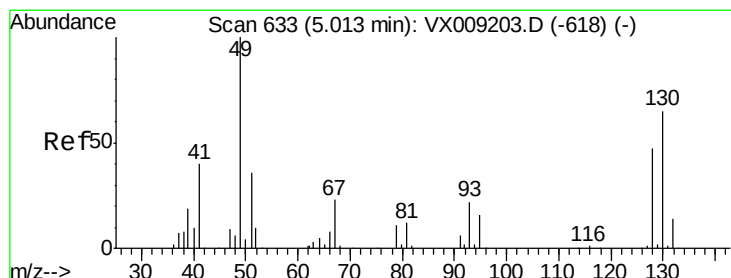
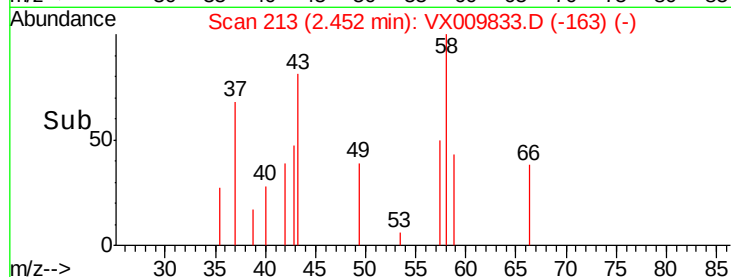
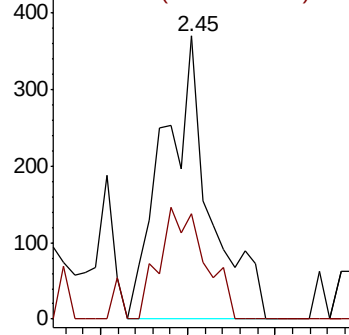
43 100

58 37.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

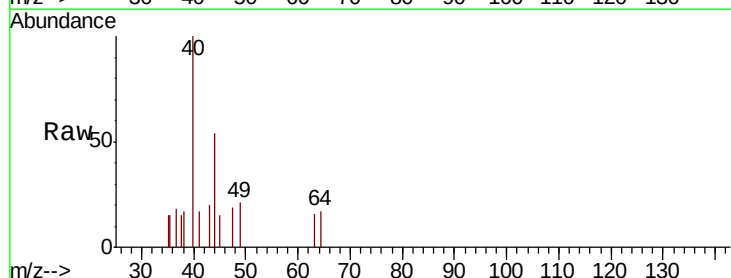
Tgt Ion: 49 Resp: 79

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

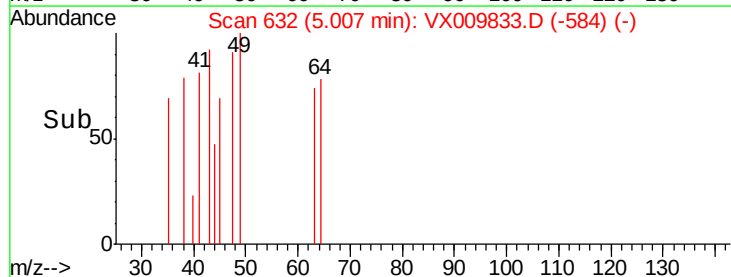
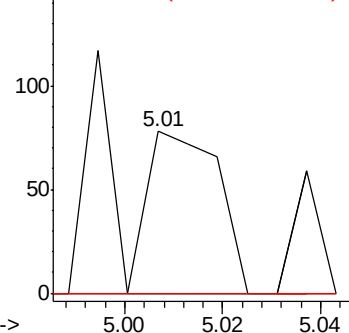
130 0.0 51.2 76.8#

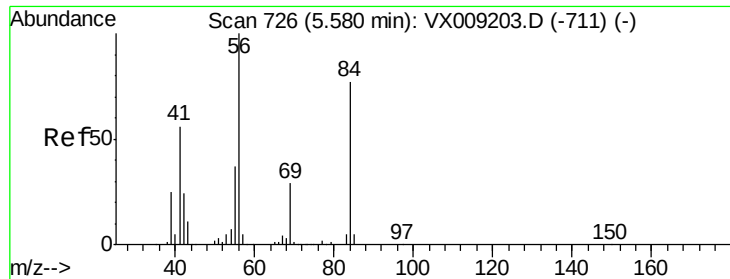


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

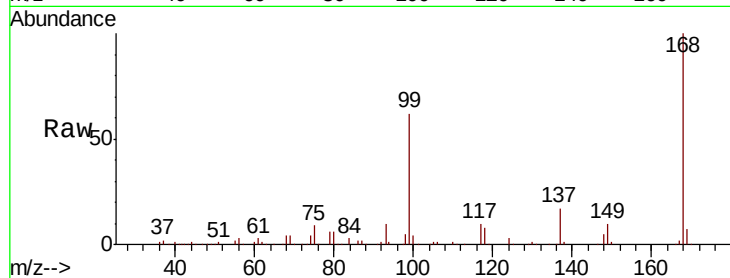




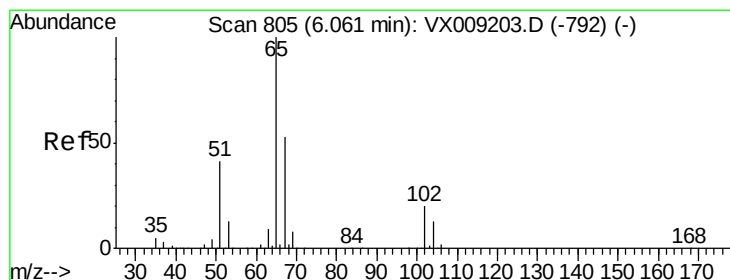
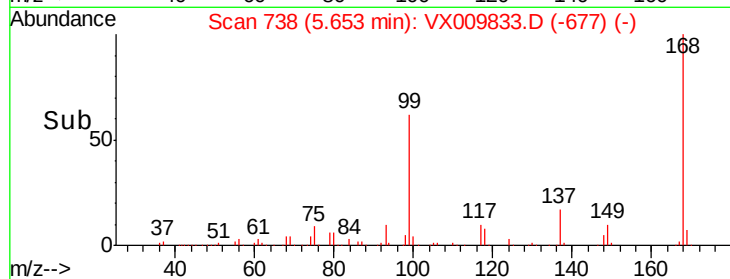
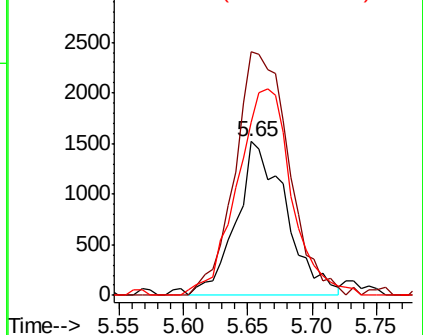
#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009833.D
Acq: 23 May 2019 03:38

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-HR(17-20)

Tot Ion	56	Resp	4101
Ion Ratio	Lower	Upper	
56	100		
69	158.2	23.4	35.0#
84	109.0	61.9	92.9#

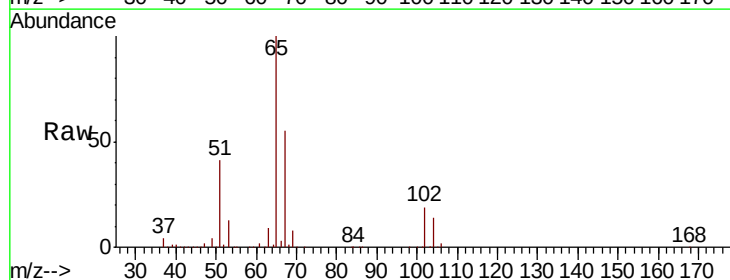


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

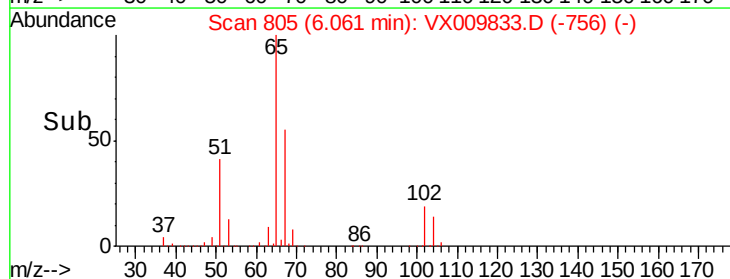
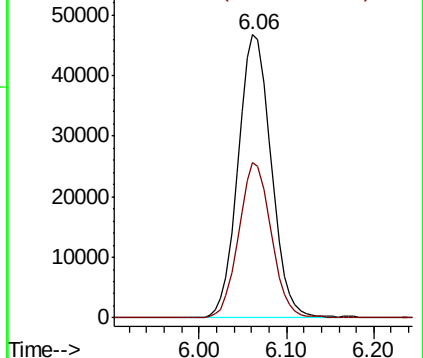


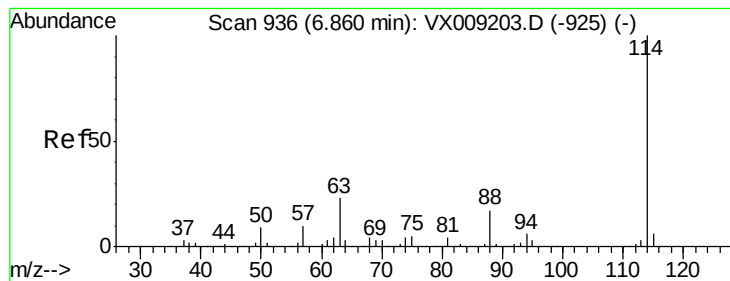
#33
1,2-Dichloroethane-d4
Concen: 51.049 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009833.D
Acq: 23 May 2019 03:38

Tgt Ion	65	Resp	123658
Ion Ratio	Lower	Upper	
65	100		
67	53.6	0.0	106.6



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-HR(17-20)

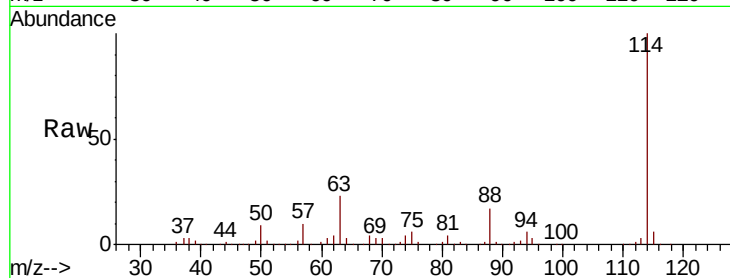
Tot Ion:114 Resp: 292784

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

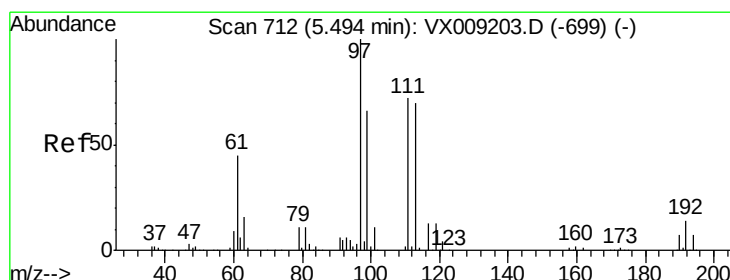
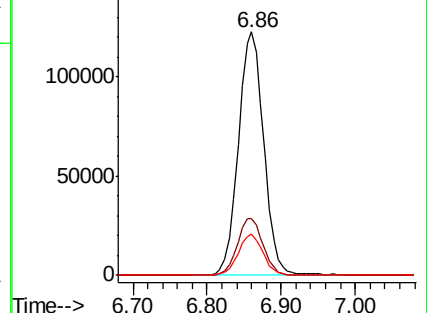
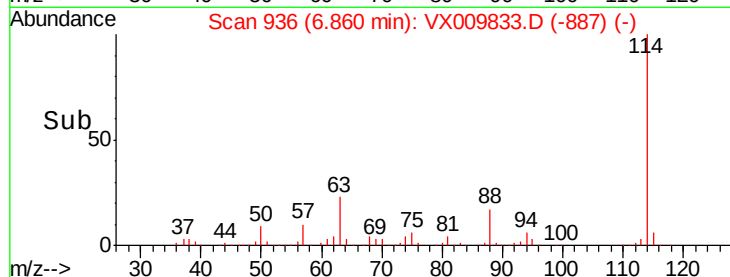
88 17.1 0.0 33.2



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: 47.938 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

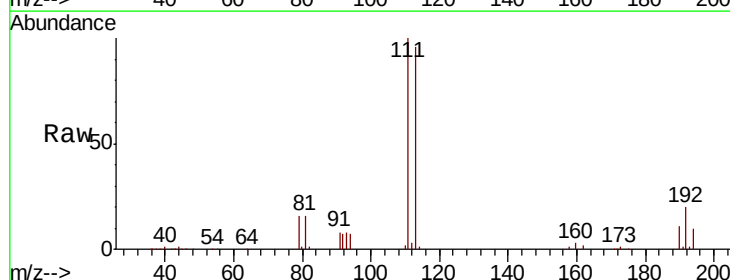
Tgt Ion:113 Resp: 88233

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

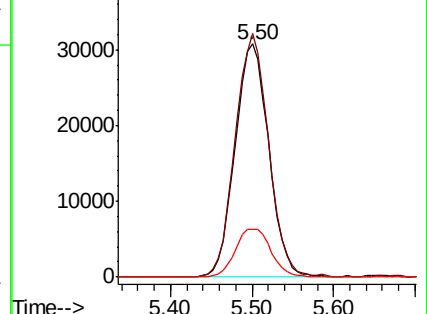
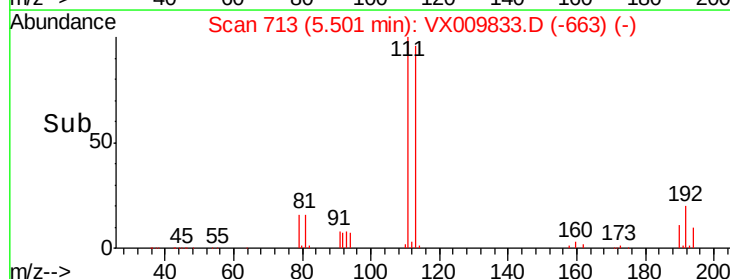
192 21.8 17.0 25.6

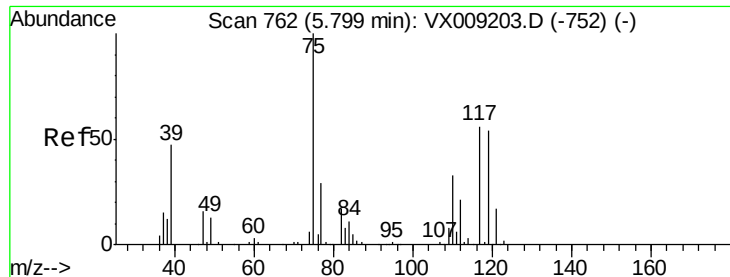


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

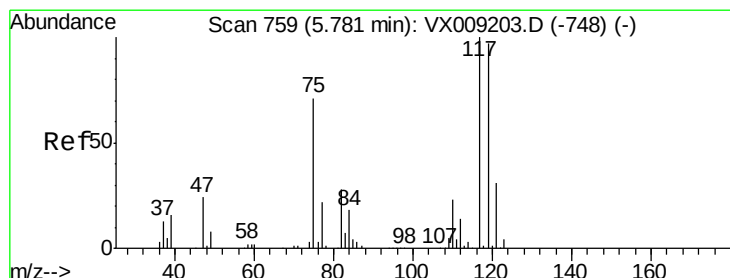
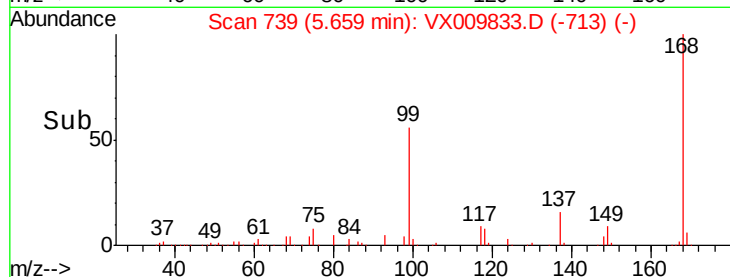
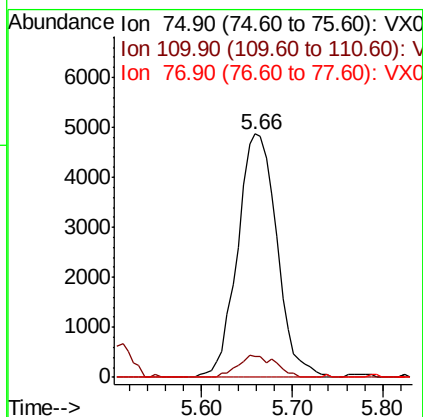
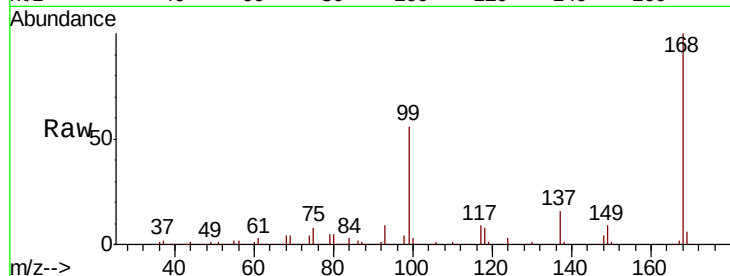




#36
 1,1-Dichloropropene
 Concen: 5.375 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009833.D
 Acq: 23 May 2019 03:38

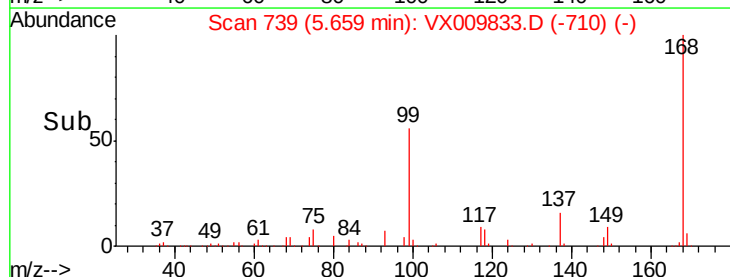
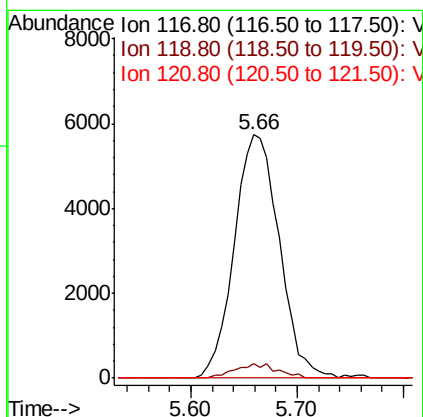
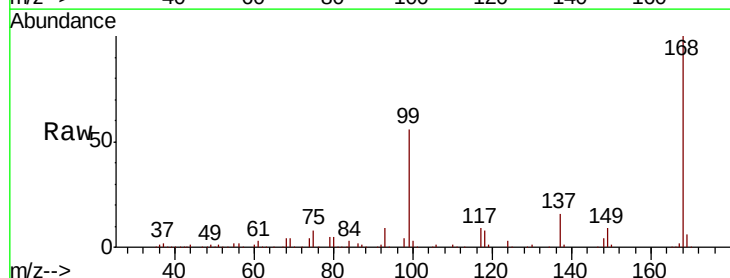
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-HR(17-20)

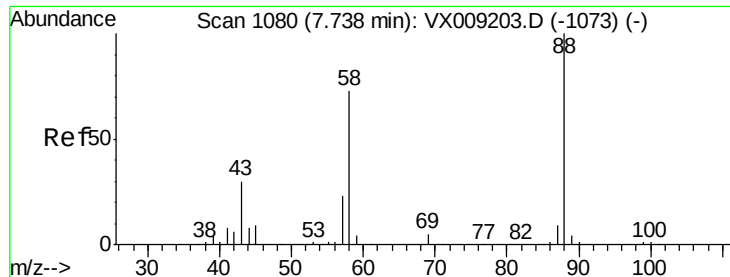
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.9	50.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.865 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009833.D
 Acq: 23 May 2019 03:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.5	116.3#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 0.328 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.04 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-HR(17-20)

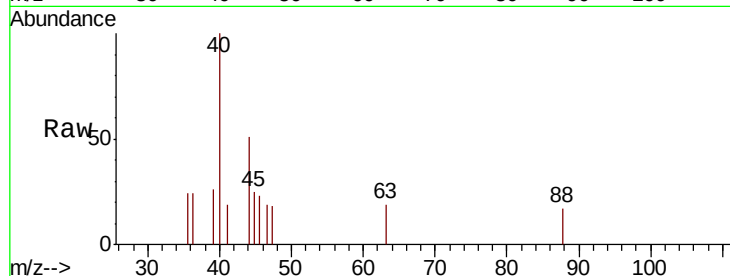
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 240.0 28.6 42.8#

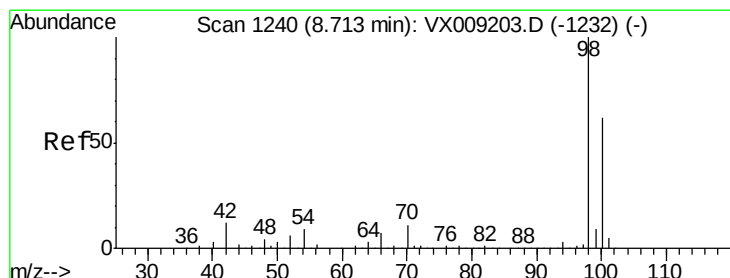
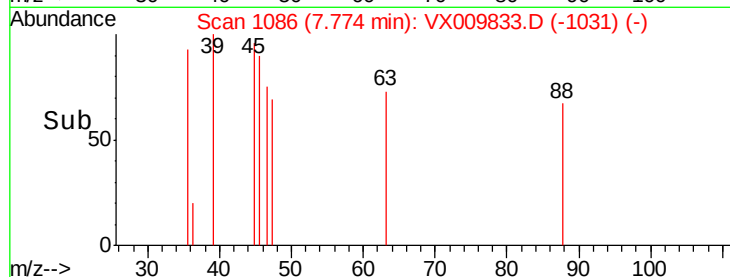
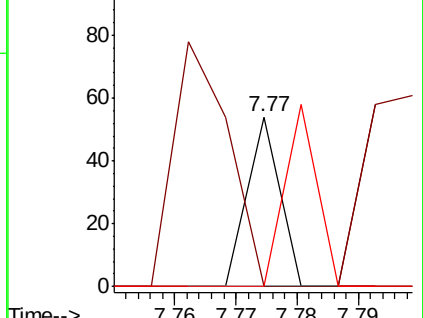
58 105.0 61.7 92.5#



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: 50.289 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009833.D

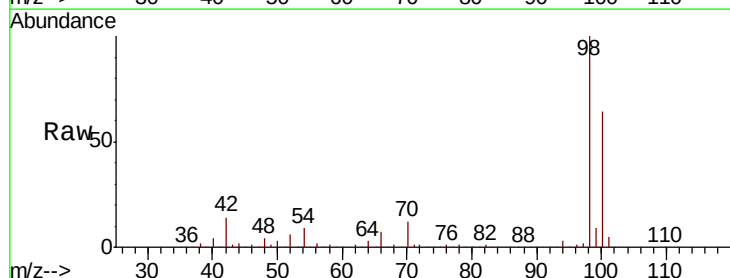
Acq: 23 May 2019 03:38

Tgt Ion: 98 Resp: 373687

Ion Ratio Lower Upper

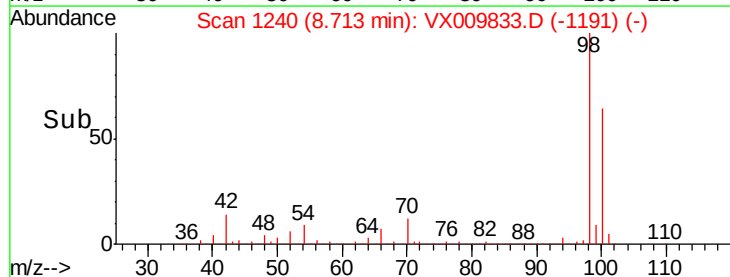
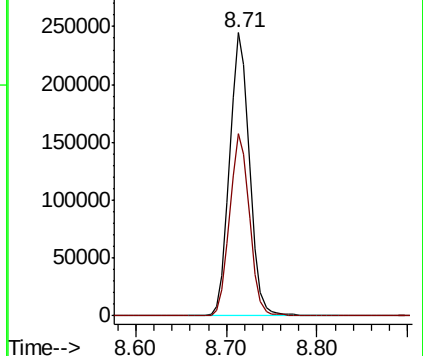
98 100

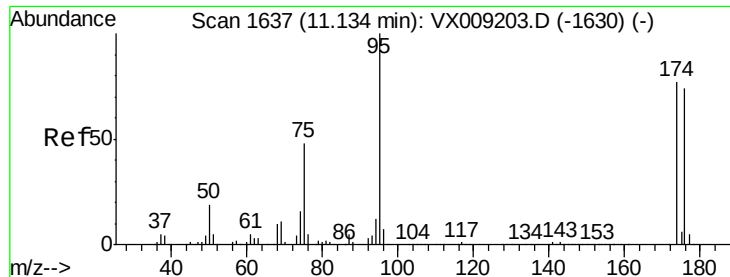
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.727 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-HR(17-20)

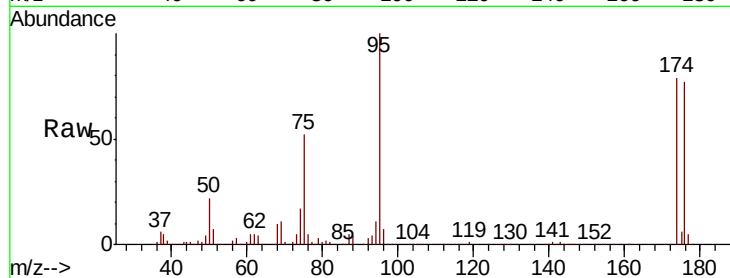
Tot Ion: 95 Resp: 134266

Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

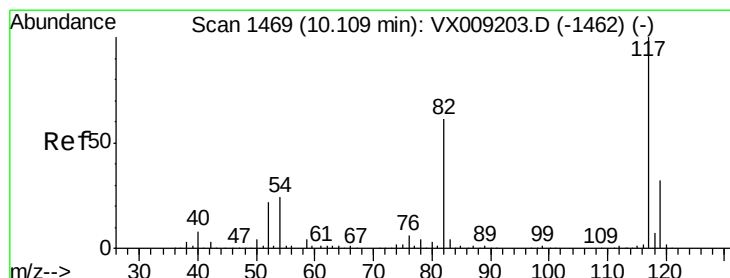
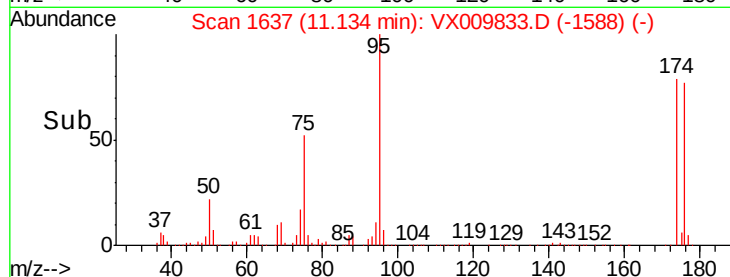
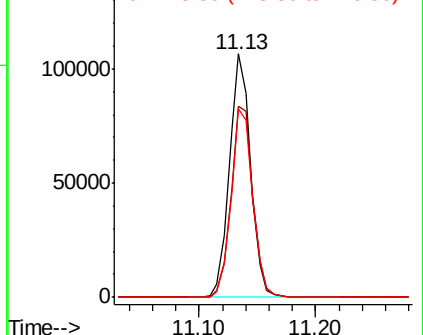
176 79.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

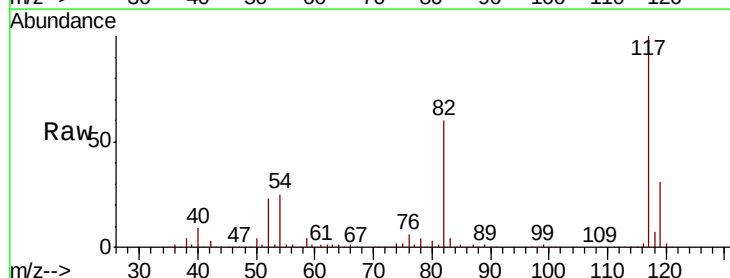
Tgt Ion: 117 Resp: 270584

Ion Ratio Lower Upper

117 100

82 60.4 48.8 73.2

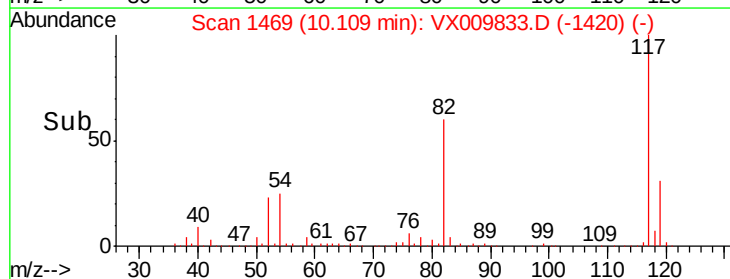
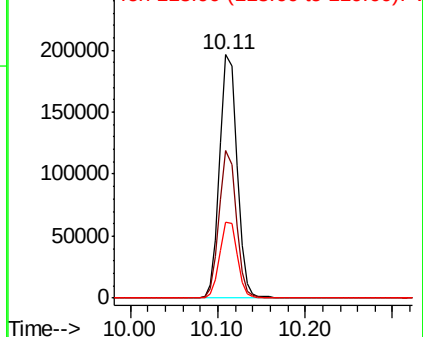
119 31.2 25.8 38.6

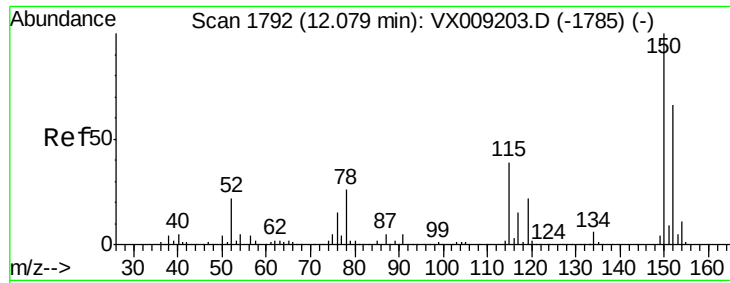


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-HR(17-20)

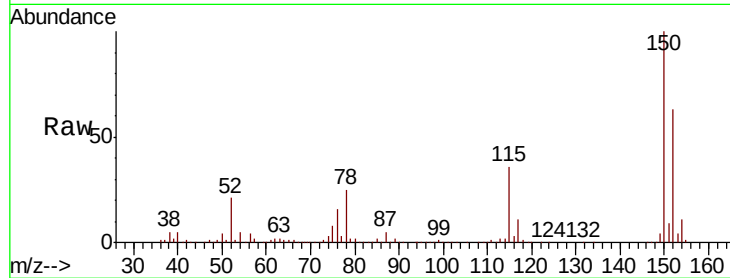
Tot Ion:152 Resp: 132142

Ion Ratio Lower Upper

152 100

115 58.7 41.2 123.6

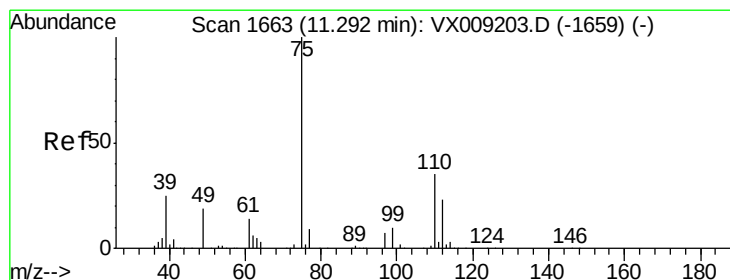
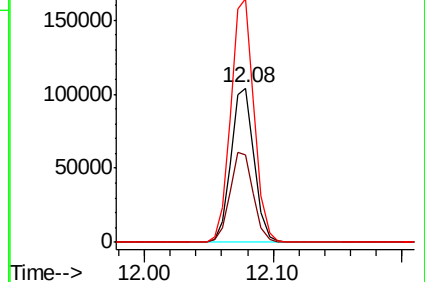
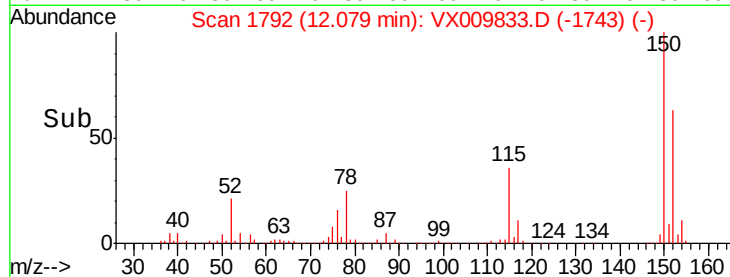
150 157.6 0.0 346.4



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: 22.789 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009833.D

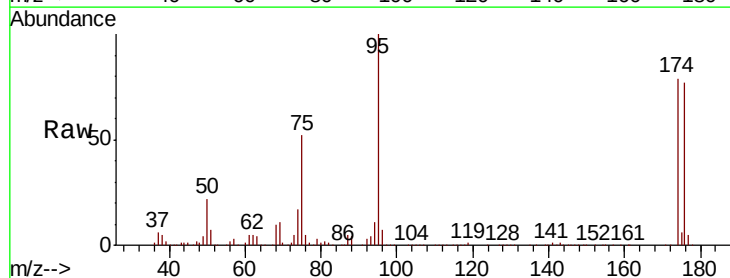
Acq: 23 May 2019 03:38

Tgt Ion: 75 Resp: 69853

Ion Ratio Lower Upper

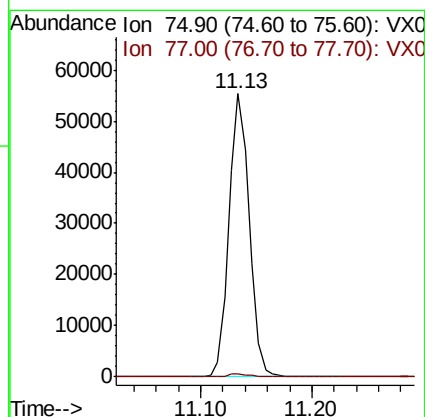
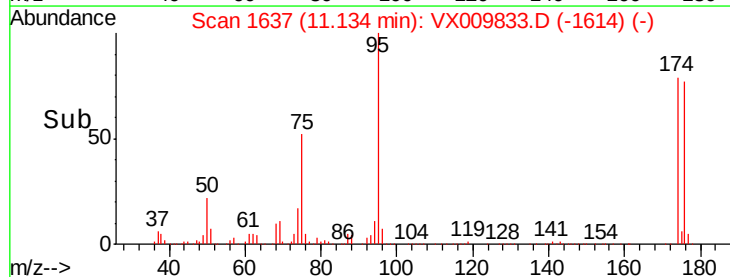
75 100

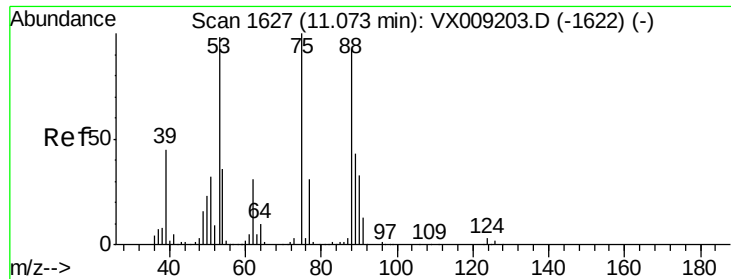
77 1.2 22.1 66.1#



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: 58.309 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009833.D

Acq: 23 May 2019 03:38

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-HR(17-20)

Tot Ion: 75 Resp: 69853

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

