

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038993.D
 Acq On : 21 Nov 2023 18:30
 Operator : JC/MD
 Sample : 05405-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20231113

Quant Time: Nov 22 03:24:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

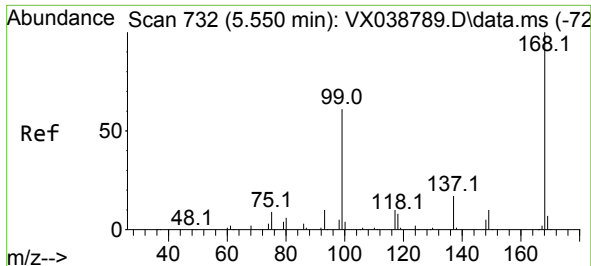
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	94255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80950	53.300	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.600%			
35) Dibromofluoromethane	5.385	113	61974	43.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.240%			
50) Toluene-d8	8.647	98	249474	45.896	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.800%#			
62) 4-Bromofluorobenzene	11.079	95	107246	49.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.580%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	300	0.209	ug/l #	43
6) Chloroethane	1.697	64	163	0.207	ug/l #	43
13) Acrolein	2.209	56	76	0.340	ug/l #	1
16) Acetone	2.373	43	1678	2.075	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	6078	1.471	ug/l	97
20) Methylene Chloride	2.794	84	923	0.633	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	659	0.273	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	1556	1.030	ug/l	86
31) Cyclohexane	5.544	56	2559	1.180	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	8977	4.409	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10944	5.815	ug/l #	15
44) Trichloroethene	7.135	130	1026	0.700	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	1452	0.536	ug/l #	1
60) Dibromochloromethane	9.275	129	5565	3.510	ug/l #	11
64) Tetrachloroethene	9.269	164	5301	4.179	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	58300	23.349	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58300	51.791	ug/l #	5

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

Quant Time: Nov 22 03:24:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

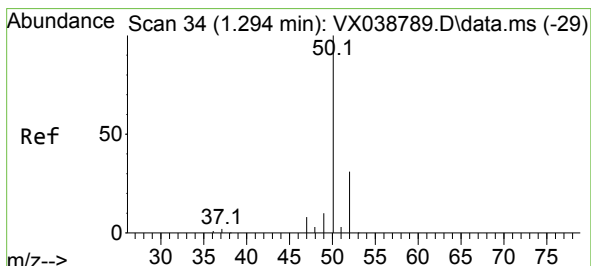
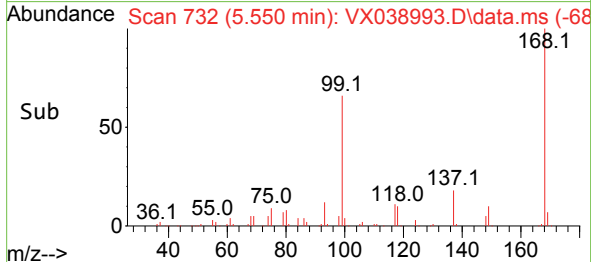
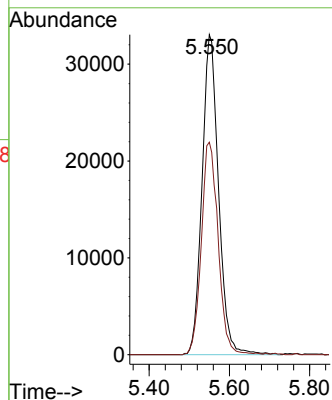
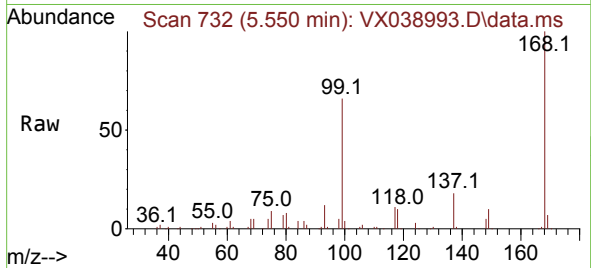




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

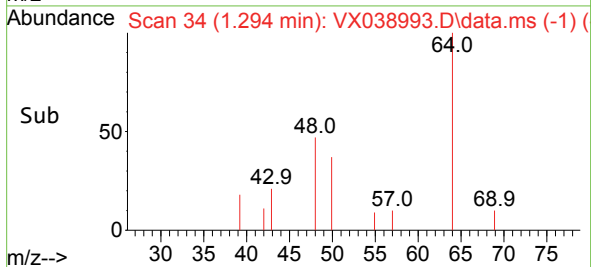
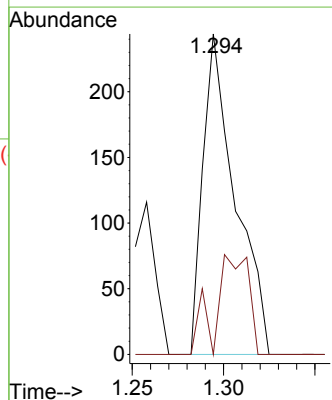
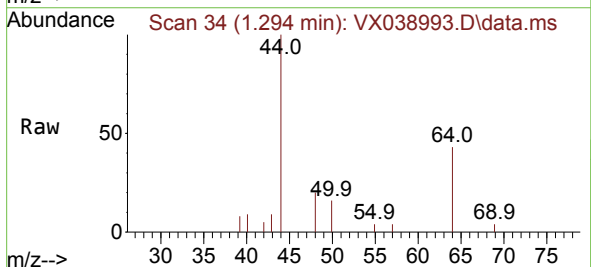
Instrument :
MSVOA_X
ClientSampleId :
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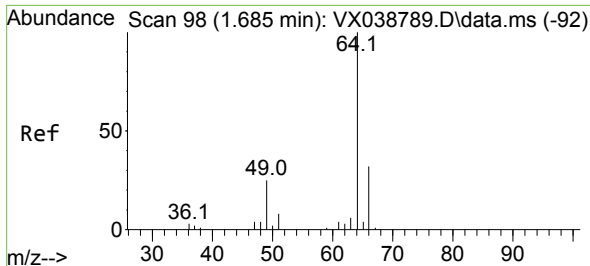
Tgt Ion:168 Resp: 94255
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion: 50 Resp: 300
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

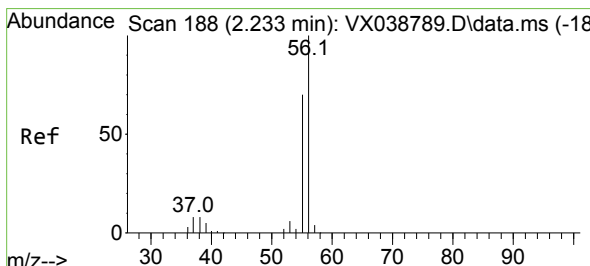
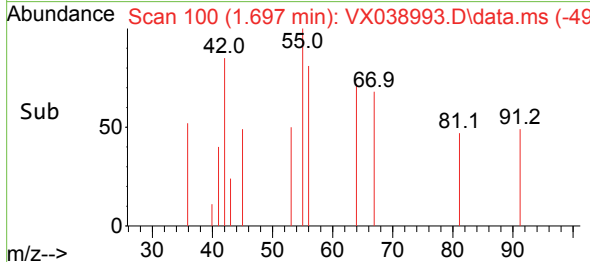
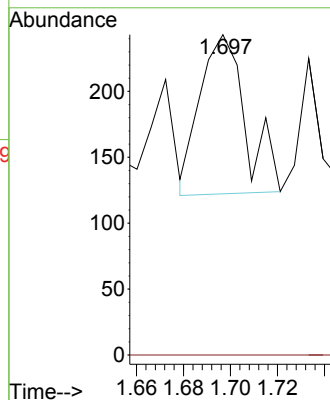
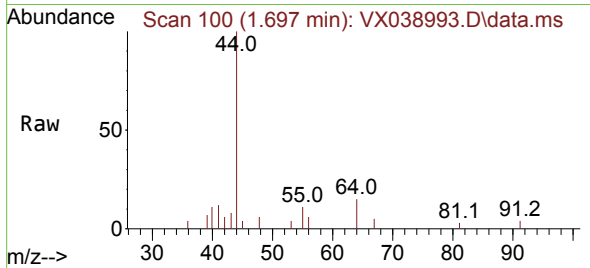




#6
Chloroethane
Concen: 0.207 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

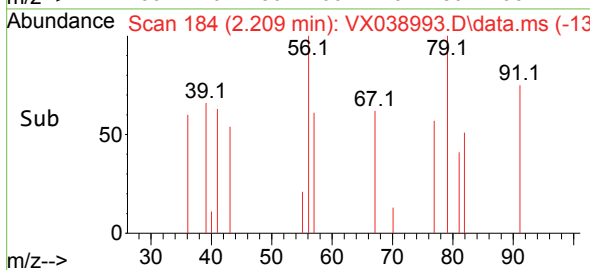
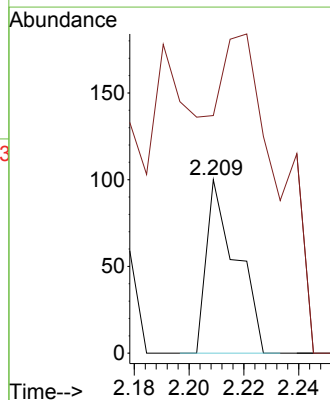
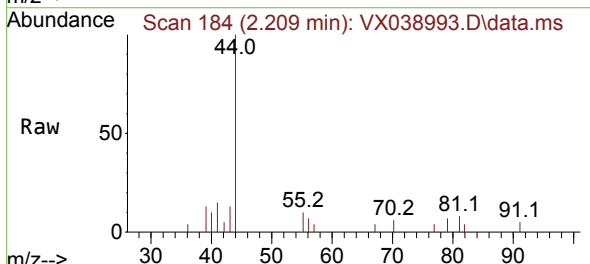
Instrument :
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ClientSampleId :
RW10-MW01S-20231113

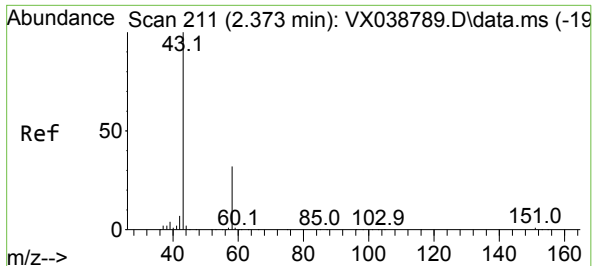
Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#13
Acrolein
Concen: 0.340 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.024 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 400.0 57.1 85.7#





#16

Acetone

Concen: 2.075 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX038993.D

Acq: 21 Nov 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

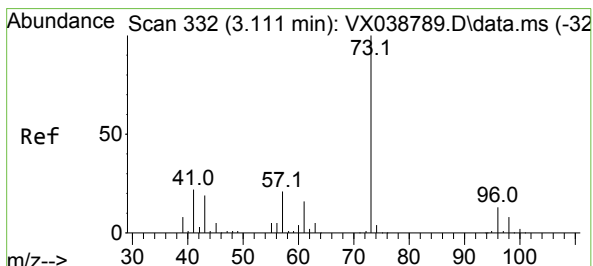
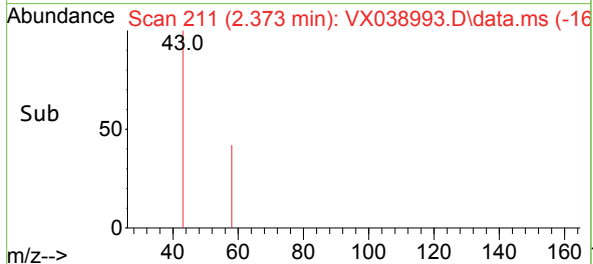
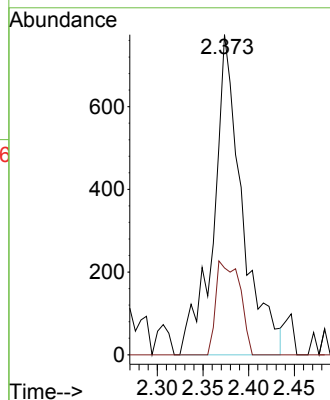
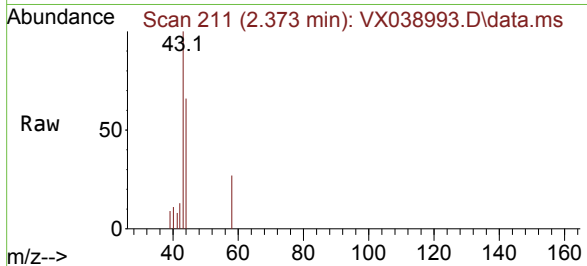
RW10-MW01S-20231113

Tgt Ion: 43 Resp: 1678

Ion Ratio Lower Upper

43 100

58 27.1 21.9 32.9



#19

Methyl tert-butyl Ether

Concen: 1.471 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX038993.D

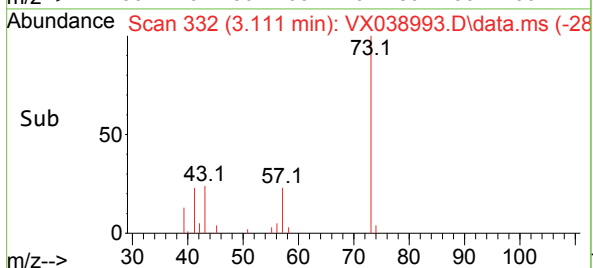
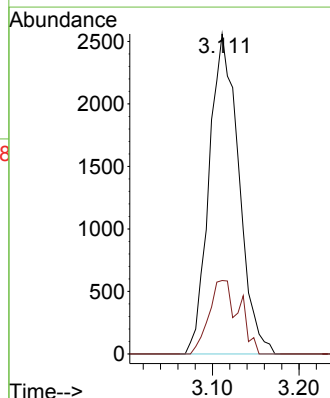
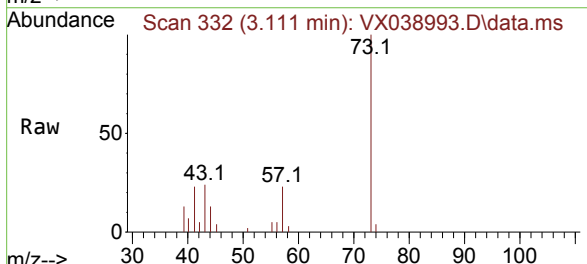
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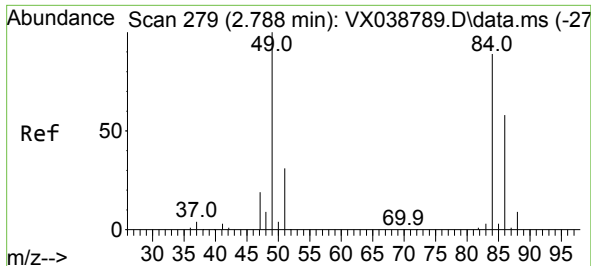
Tgt Ion: 73 Resp: 6078

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9

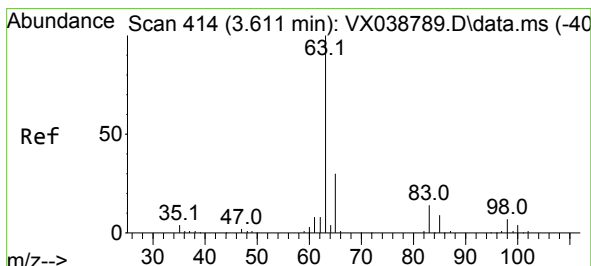
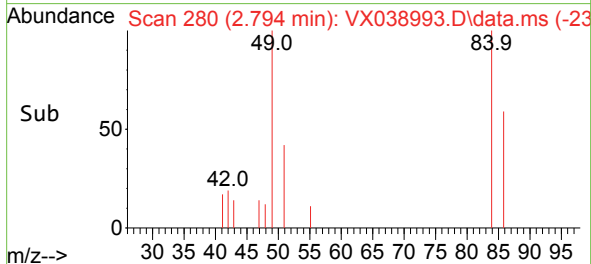
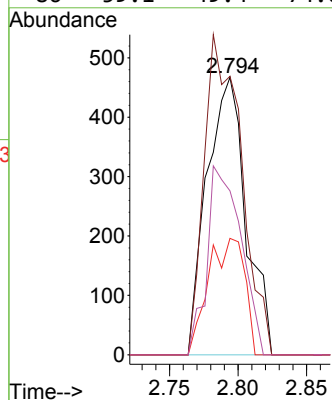
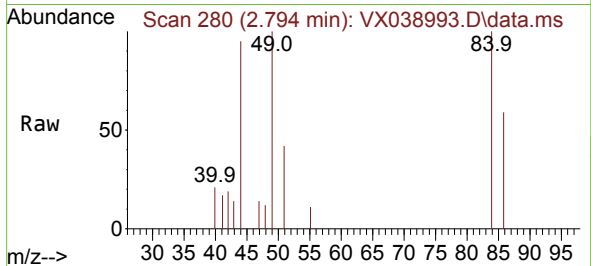




#20
Methylene Chloride
Concen: 0.633 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

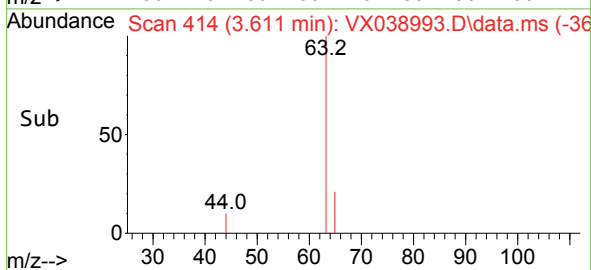
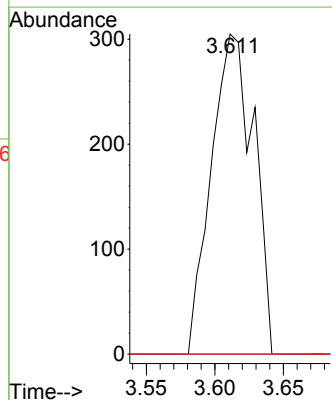
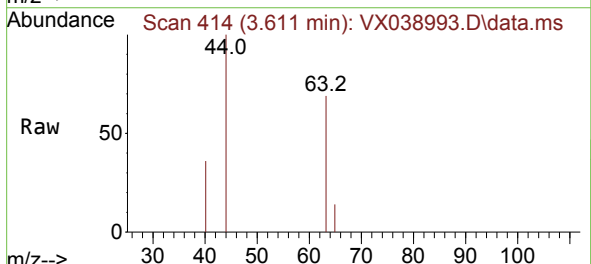
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20231113

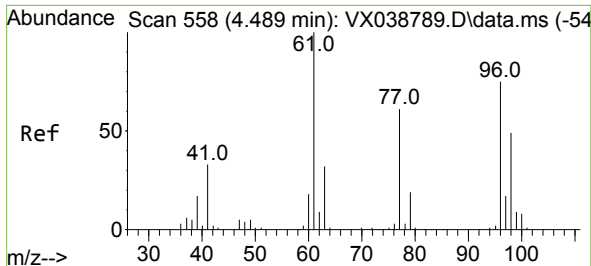
Tgt Ion: 84 Resp: 923
Ion Ratio Lower Upper
84 100
49 100.4 103.6 155.4#
51 42.0 33.8 50.6
86 59.1 49.4 74.0



#24
1,1-Dichloroethane
Concen: 0.273 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion: 63 Resp: 659
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.8#
100 0.0 2.1 6.5#

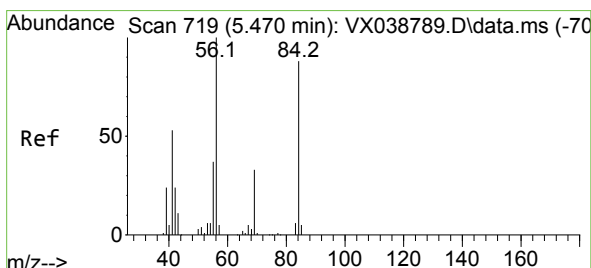
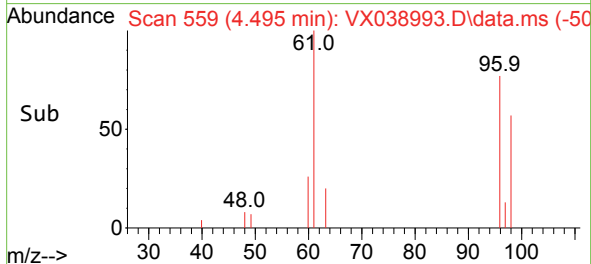
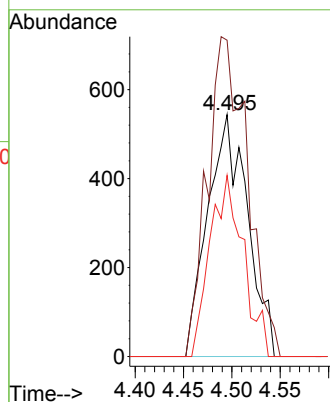
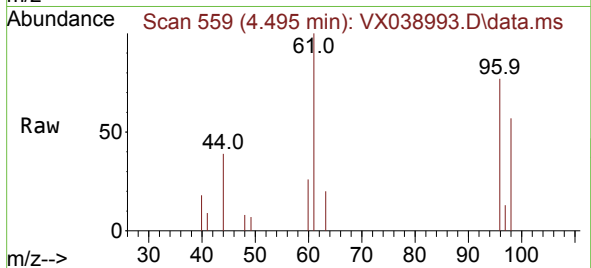




#27
 cis-1,2-Dichloroethene
 Concen: 1.030 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX038993.D
 Acq: 21 Nov 2023 18:30

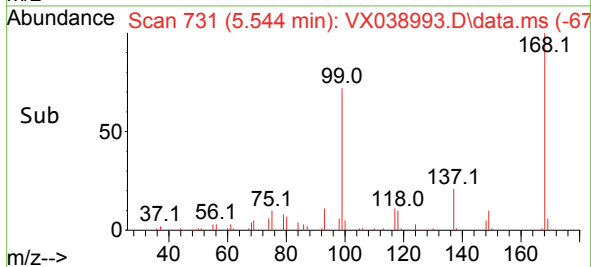
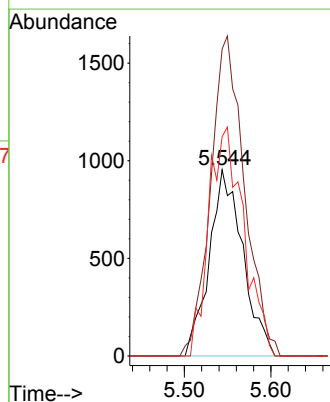
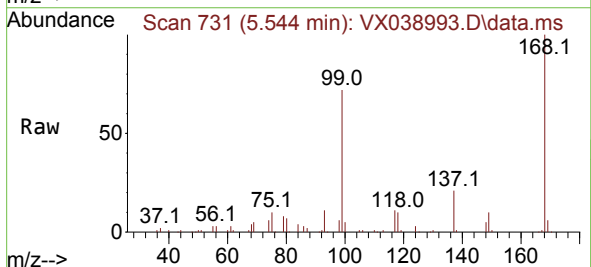
Instrument :
 MSVOA_X
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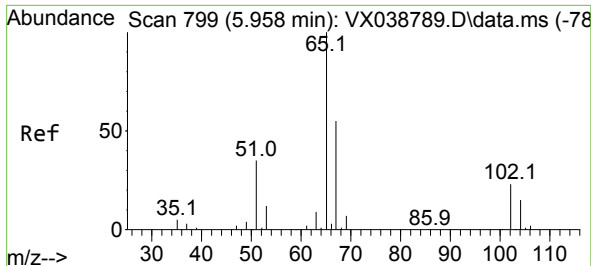
Tgt Ion: 96	Resp: 1556		
Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	312.2
98	62.5	0.0	129.0



#31
 Cyclohexane
 Concen: 1.180 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.073 min
 Lab File: VX038993.D
 Acq: 21 Nov 2023 18:30

Tgt Ion: 56	Resp: 2559
Ion Ratio	Lower Upper
56 100	
69 164.8	23.4 35.2#
84 117.7	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.300 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038993.D

Acq: 21 Nov 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

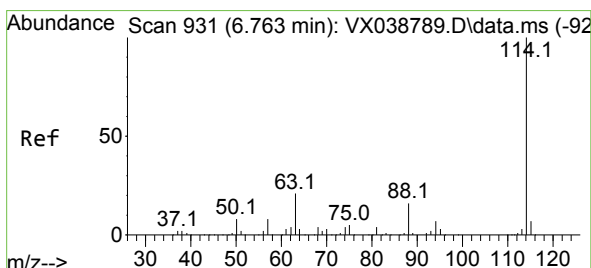
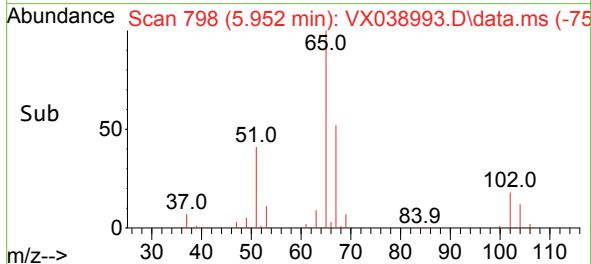
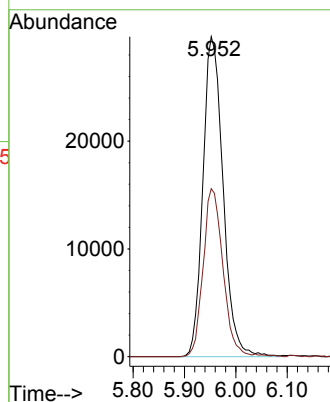
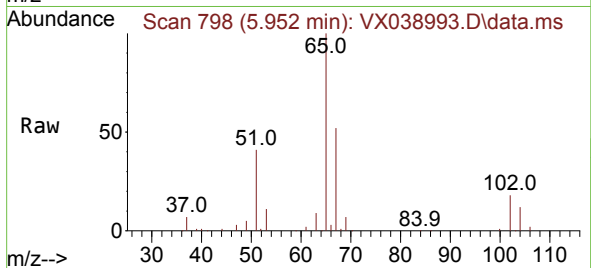
RW10-MW01S-20231113

Tgt Ion: 65 Resp: 80950

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038993.D

Acq: 21 Nov 2023 18:30

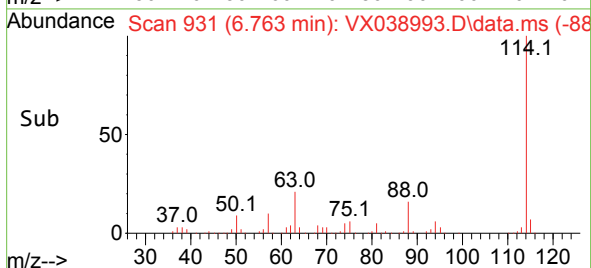
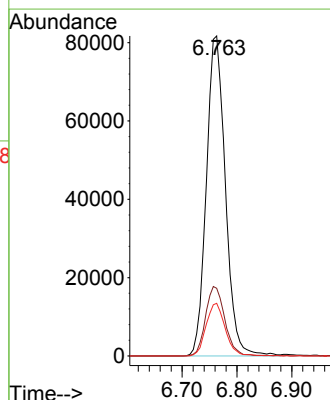
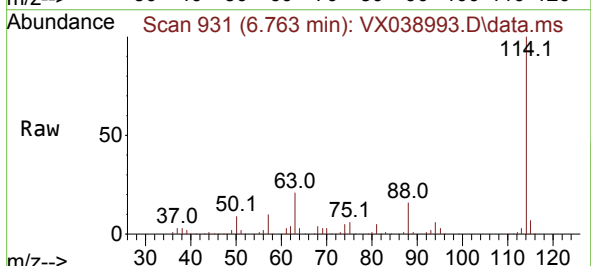
Tgt Ion:114 Resp: 196712

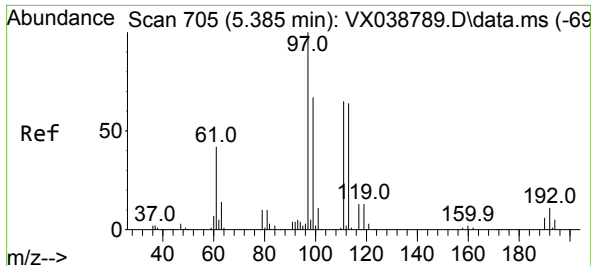
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.5 0.0 36.6

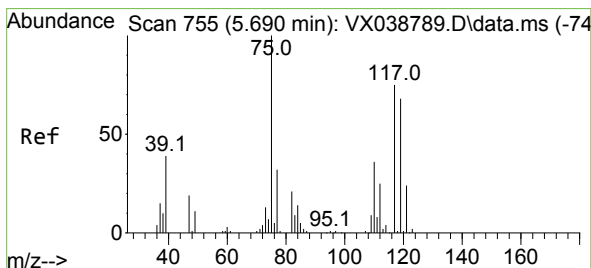
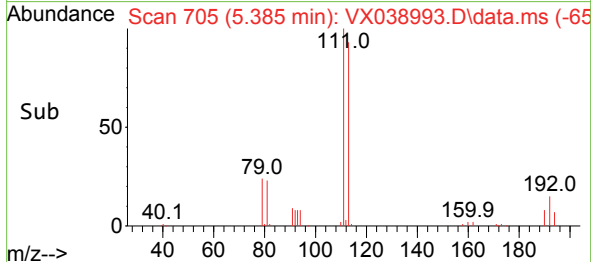
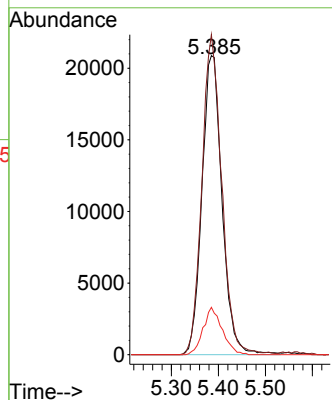
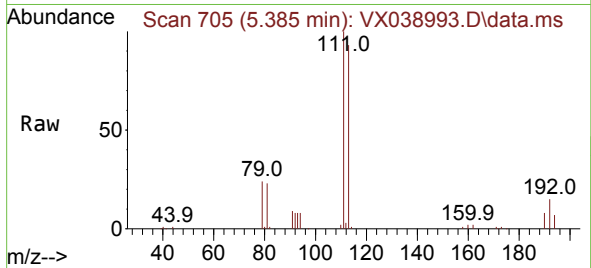




#35
Dibromofluoromethane
Concen: 43.622 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

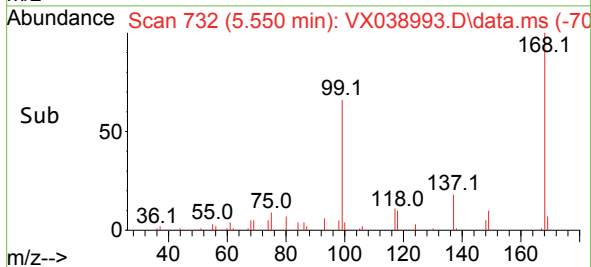
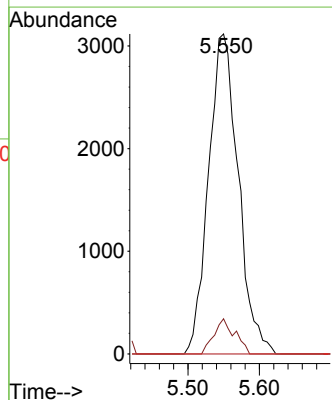
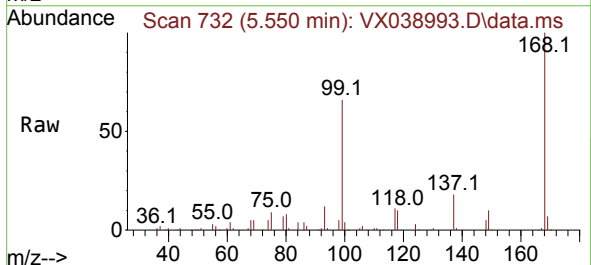
Instrument :
MSVOA_X
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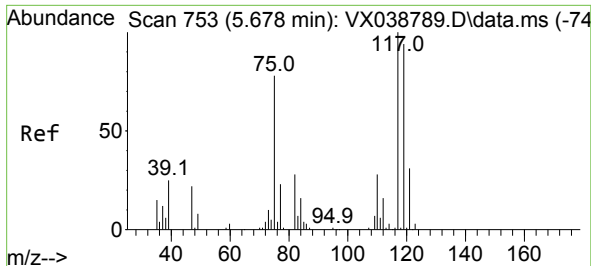
Tgt Ion:113 Resp: 61974
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 15.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.409 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion: 75 Resp: 8977
Ion Ratio Lower Upper
75 100
110 7.7 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.815 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX038993.D

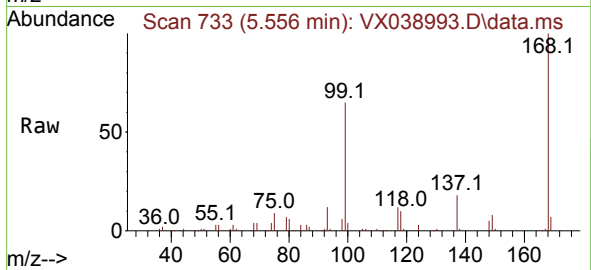
Acq: 21 Nov 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20231113



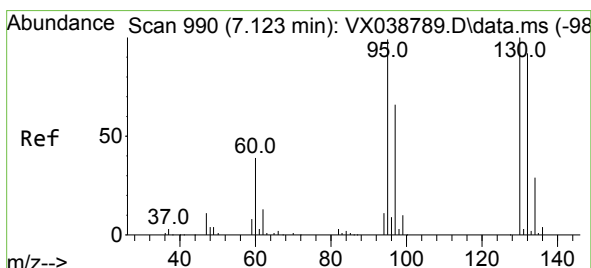
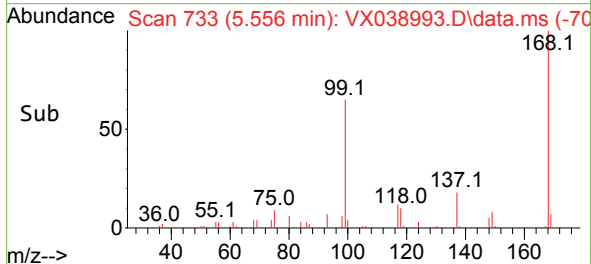
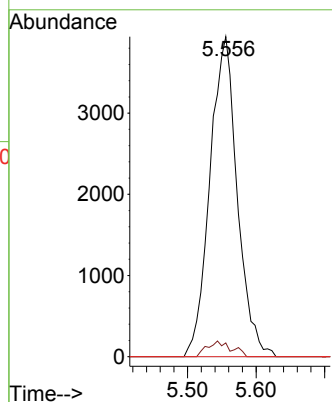
Tgt Ion:117 Resp: 10944

Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.700 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX038993.D

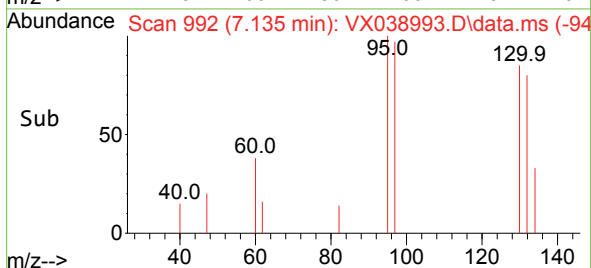
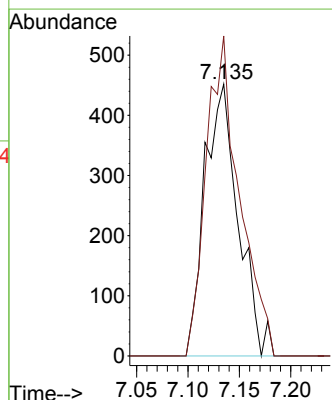
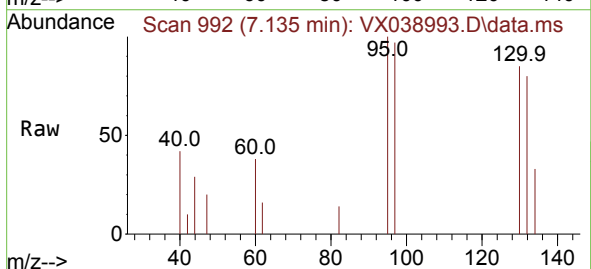
Acq: 21 Nov 2023 18:30

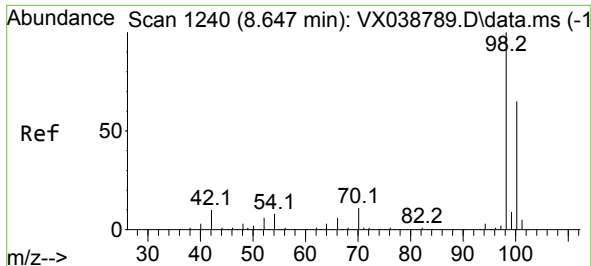
Tgt Ion:130 Resp: 1026

Ion Ratio Lower Upper

130 100

95 117.7 0.0 204.4

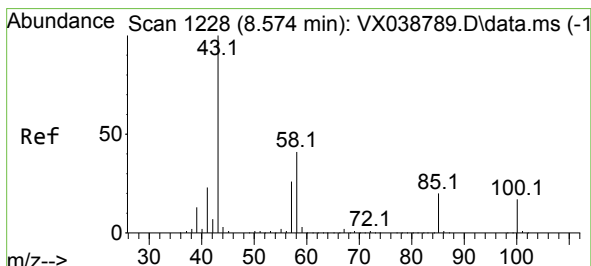
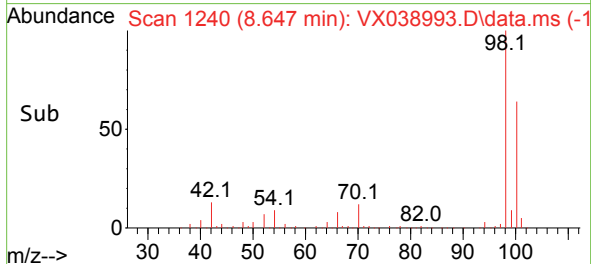
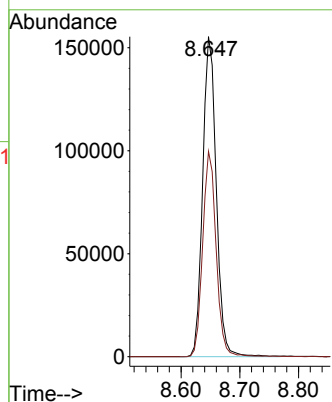
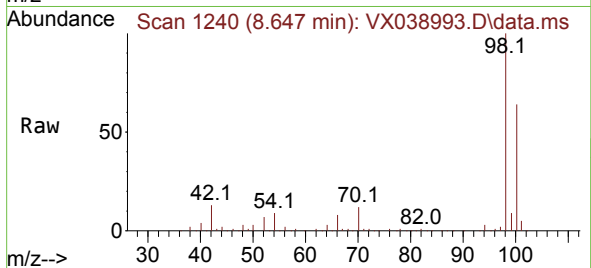




#50
Toluene-d8
Concen: 45.896 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

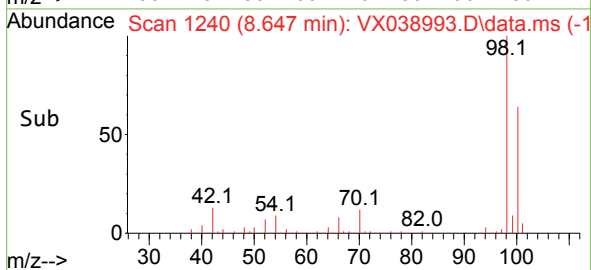
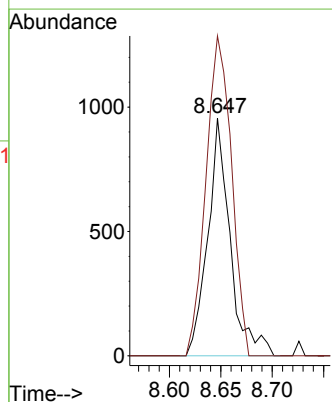
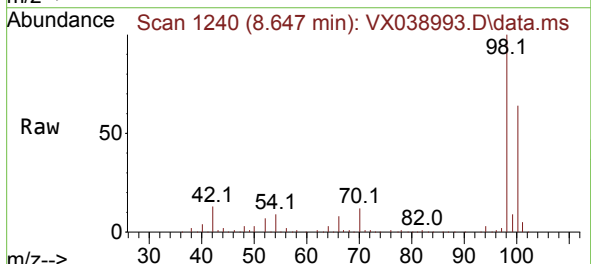
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20231113

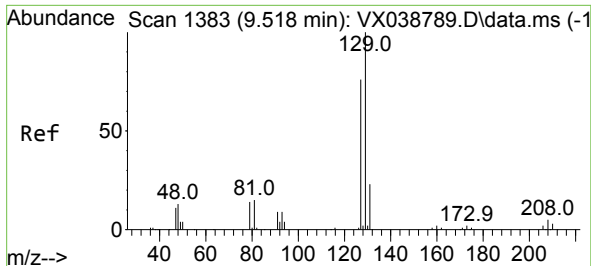
Tgt Ion: 98 Resp: 249474
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 153.3 30.4 45.6#

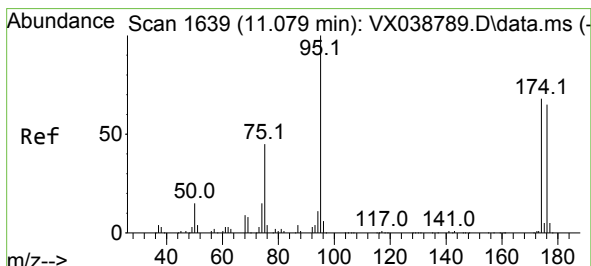
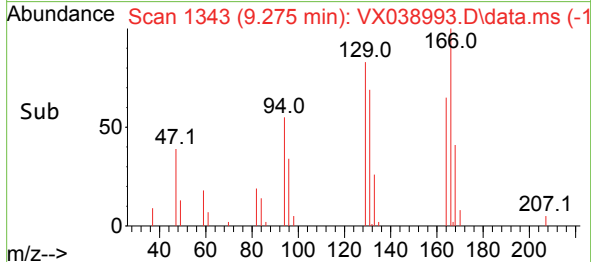
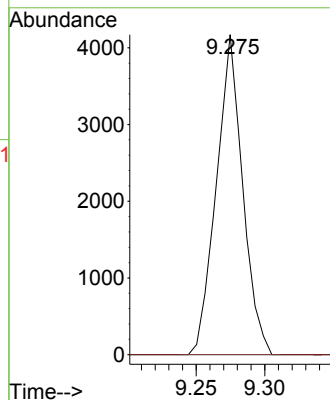
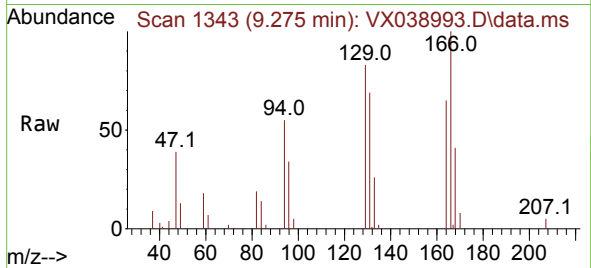




#60
Dibromochloromethane
Concen: 3.510 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

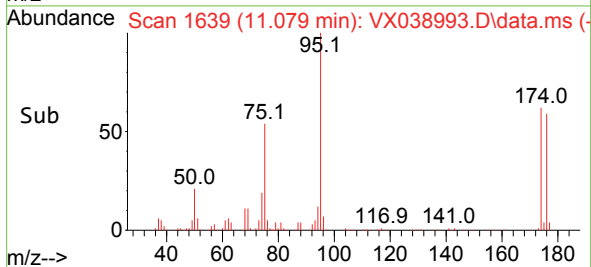
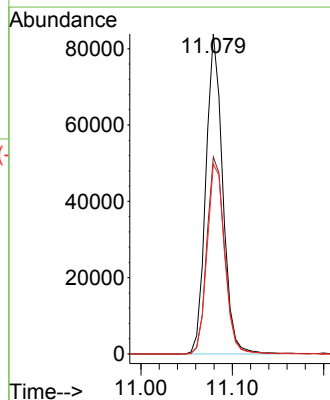
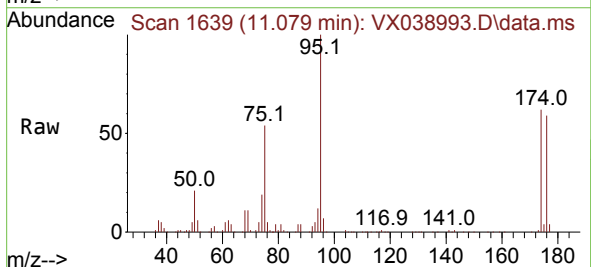
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20231113

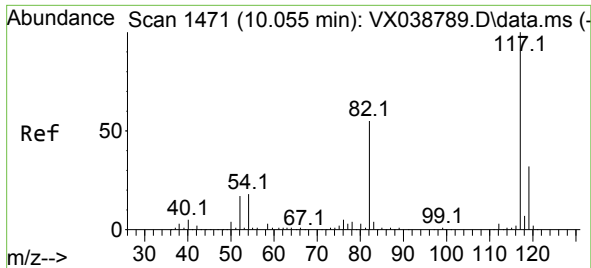
Tgt Ion:129 Resp: 5565
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion: 95 Resp: 107246
Ion Ratio Lower Upper
95 100
174 64.9 0.0 135.6
176 62.0 0.0 131.0

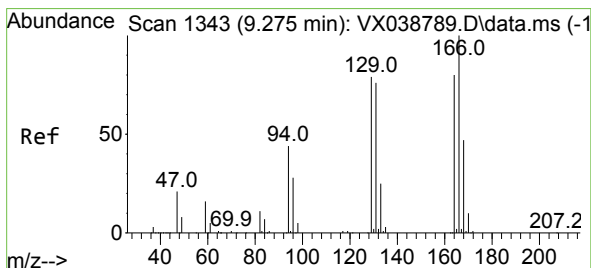
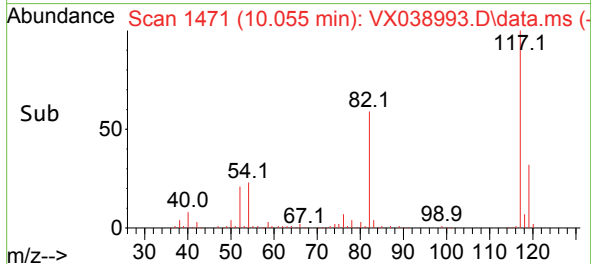
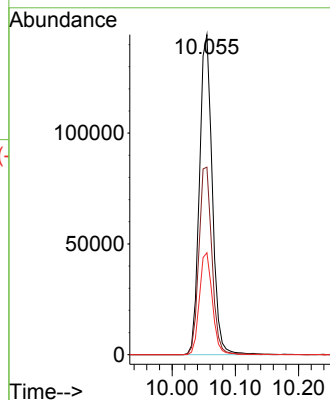
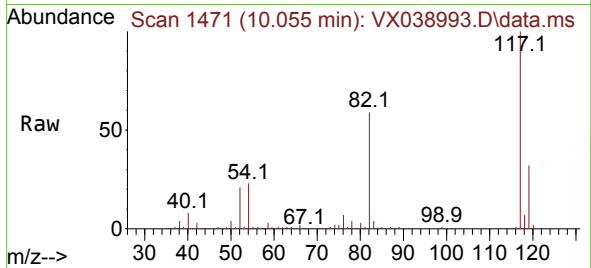




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

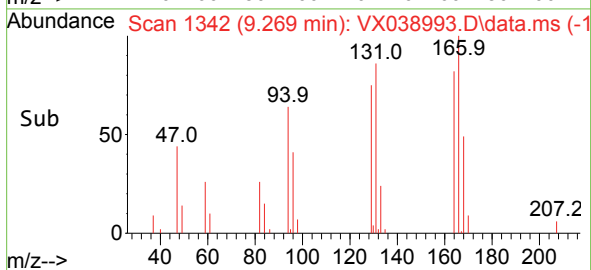
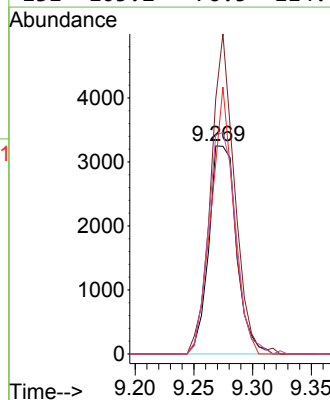
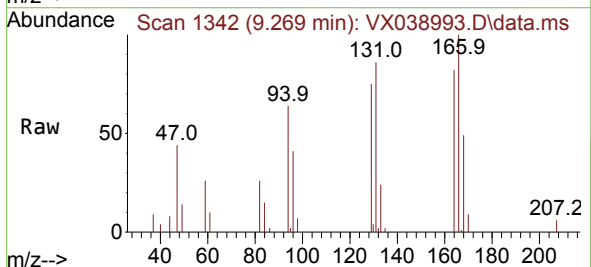
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20231113

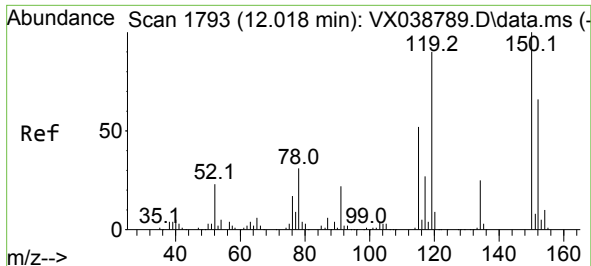
Tgt Ion:117 Resp: 204050
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 4.179 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion:164 Resp: 5301
Ion Ratio Lower Upper
164 100
166 122.6 102.7 154.1
129 91.6 80.4 120.6
131 105.2 76.5 114.7

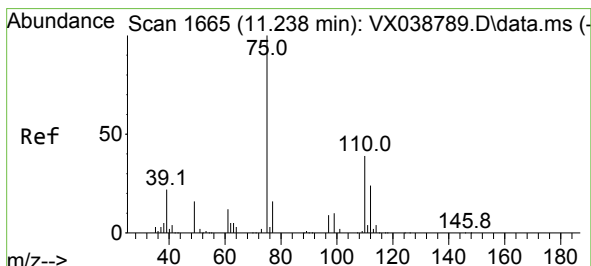
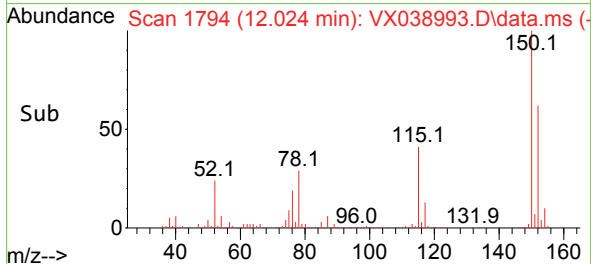
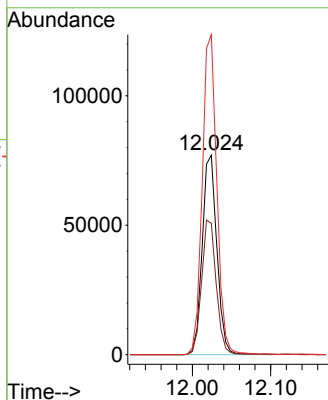
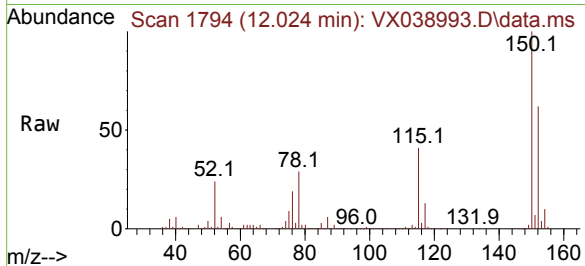




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

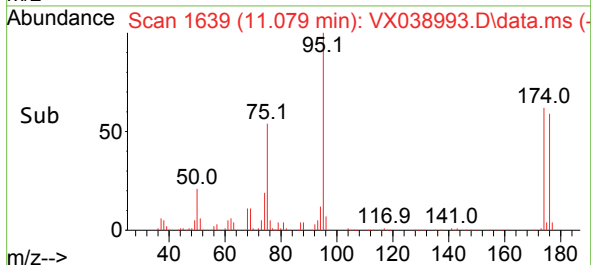
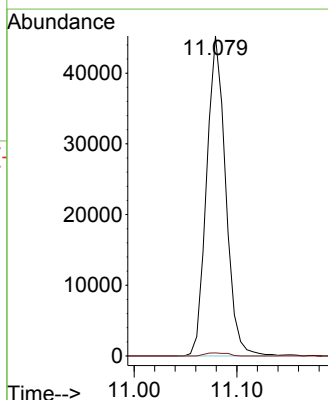
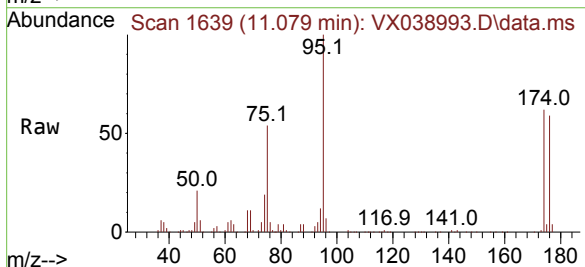
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20231113

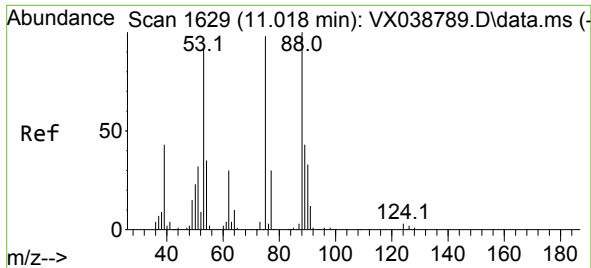
Tgt Ion:152 Resp: 100076
Ion Ratio Lower Upper
152 100
115 67.2 43.3 129.9
150 158.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038993.D
Acq: 21 Nov 2023 18:30

Tgt Ion: 75 Resp: 58300
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.791 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038993.D
 Acq: 21 Nov 2023 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20231113

Tgt Ion: 75 Resp: 58300
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

