

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035835.D
 Acq On : 24 May 2023 14:51
 Operator : JC/MD
 Sample : 02911-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW10-MW01S-20230522

Quant Time: May 25 05:31:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

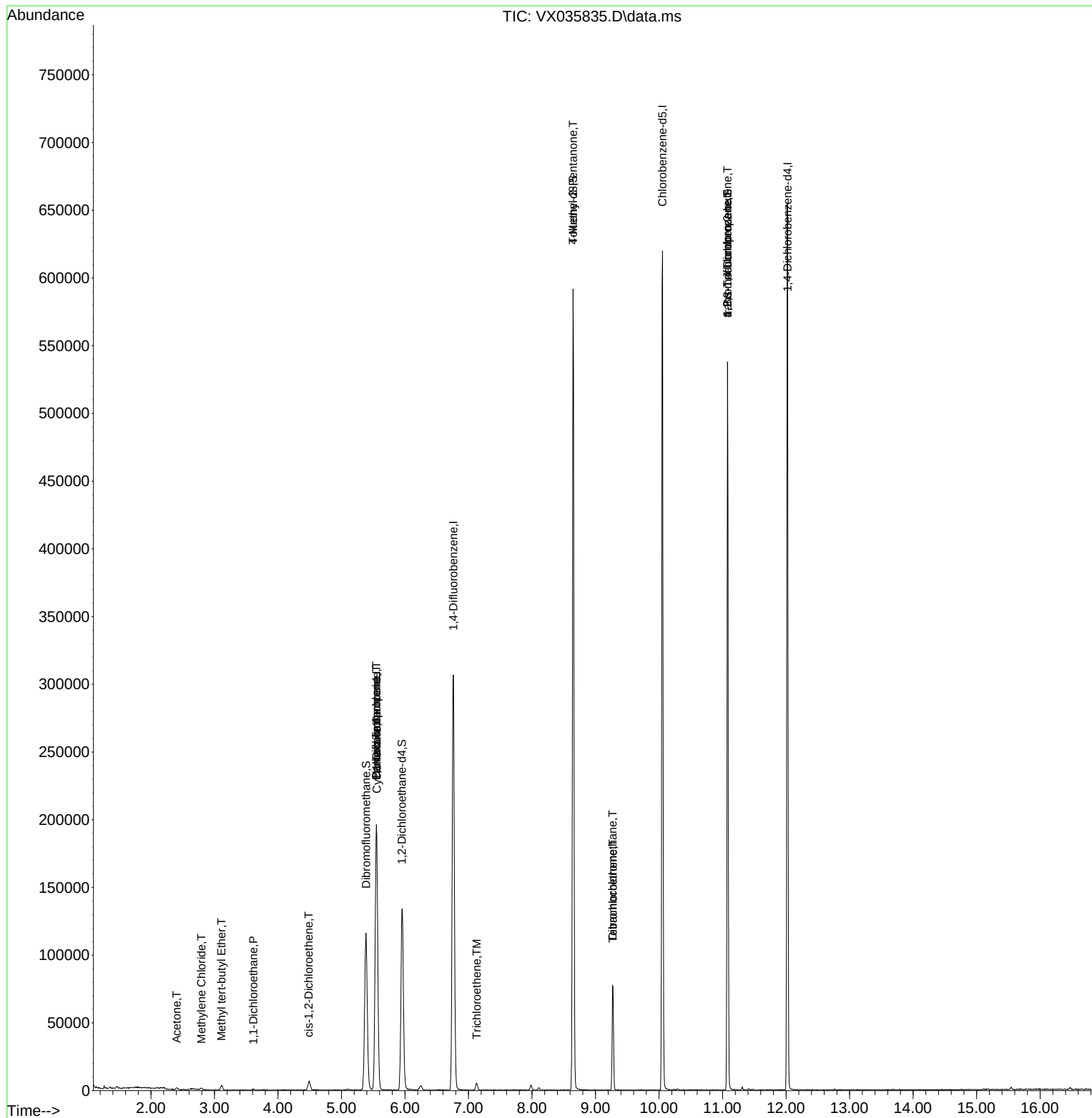
Internal Standards						
1) Pentafluorobenzene	5.550	168	179788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129890	41.413	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.820%
35) Dibromofluoromethane	5.385	113	99539	47.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	8.647	98	340660	44.039	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.080%#
62) 4-Bromofluorobenzene	11.079	95	135680	43.562	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.120%
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	2530	1.877	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	3599	0.452	ug/l	96
20) Methylene Chloride	2.794	84	534	0.219	ug/l #	74
24) 1,1-Dichloroethane	3.611	63	1053	0.234	ug/l #	81
27) cis-1,2-Dichloroethene	4.483	96	4240	1.608	ug/l	88
31) Cyclohexane	5.556	56	4397	1.110	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	15157	4.586	ug/l #	51
38) Carbon Tetrachloride	5.550	117	19521	6.235	ug/l #	15
44) Trichloroethene	7.129	130	2169	0.925	ug/l	75
51) 4-Methyl-2-Pentanone	8.647	43	1779	0.514	ug/l #	1
60) Dibromochloromethane	9.269	129	13598	6.223	ug/l #	10
64) Tetrachloroethene	9.275	164	13827	7.622	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	72928	22.834	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	72928	73.591	ug/l #	8

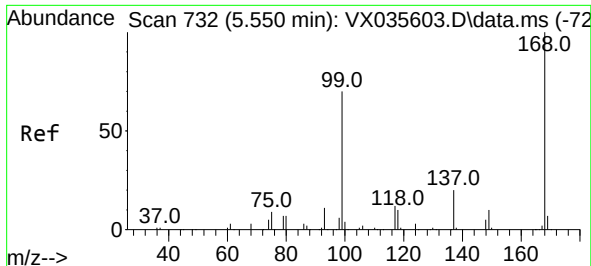
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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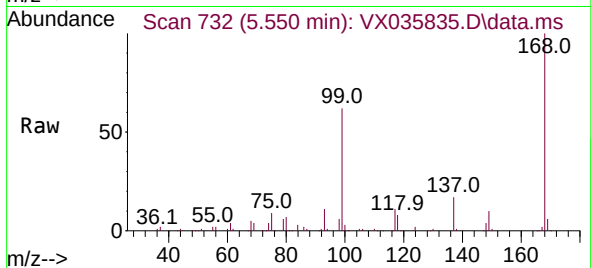
Quant Time: May 25 05:31:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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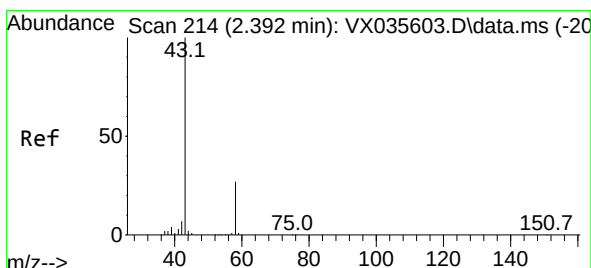
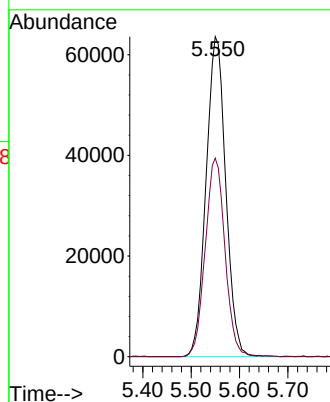
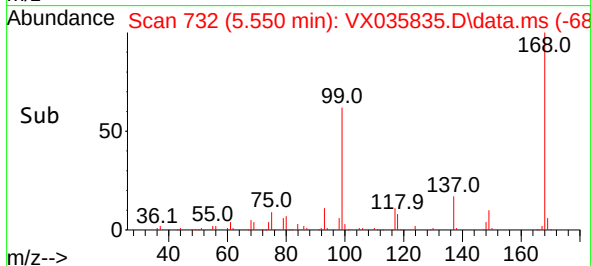


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

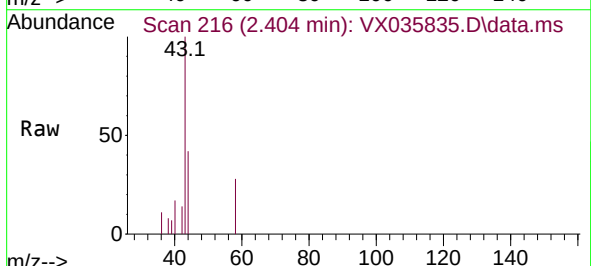
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522



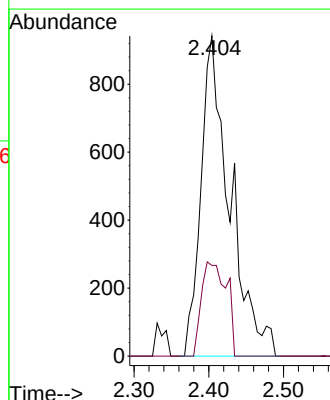
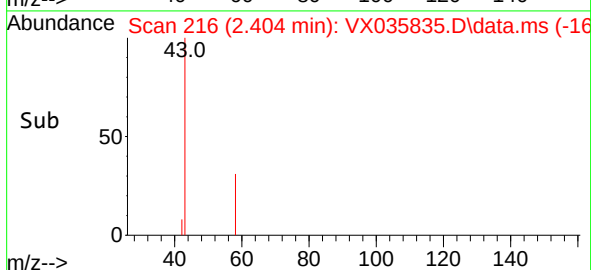
Tgt Ion:168 Resp: 179788
Ion Ratio Lower Upper
168 100
99 62.0 45.7 68.5

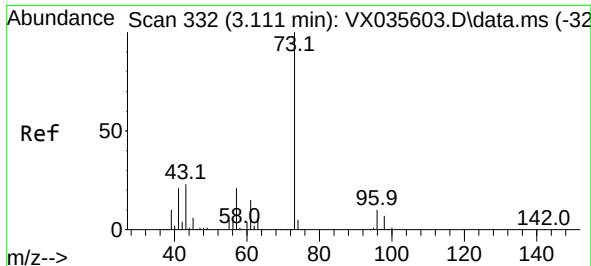


#16
Acetone
Concen: 1.877 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51



Tgt Ion: 43 Resp: 2530
Ion Ratio Lower Upper
43 100
58 28.3 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 0.452 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035835.D

Acq: 24 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

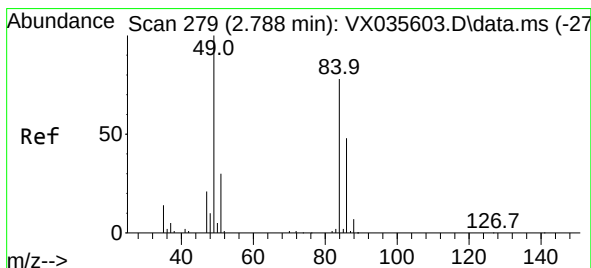
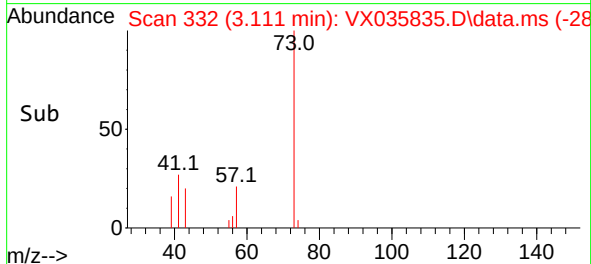
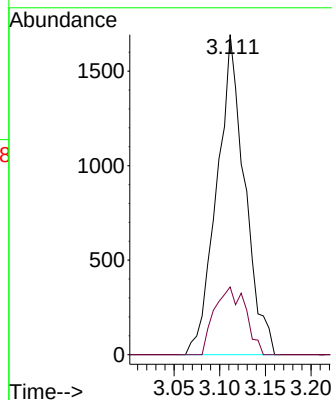
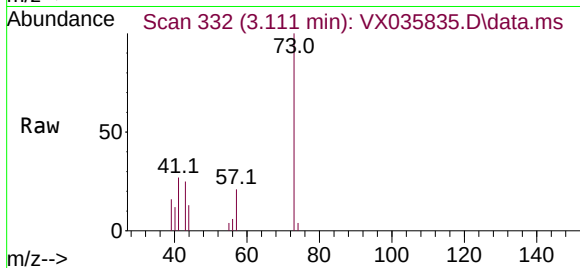
RW10-MW01S-20230522

Tgt Ion: 73 Resp: 3599

Ion Ratio Lower Upper

73 100

57 21.1 18.5 27.7



#20

Methylene Chloride

Concen: 0.219 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX035835.D

Acq: 24 May 2023 14:51

Tgt Ion: 84 Resp: 534

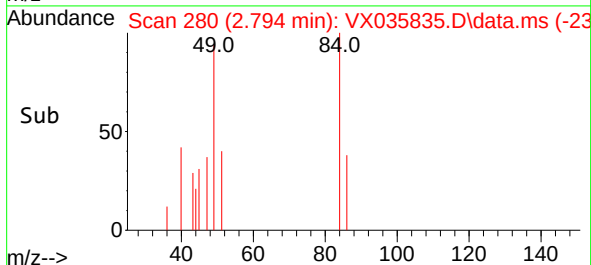
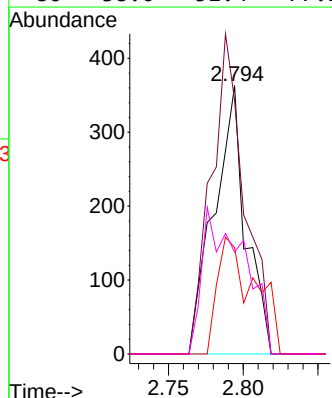
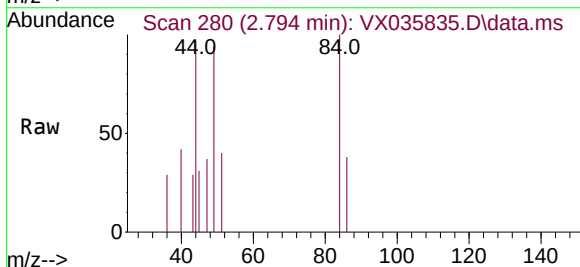
Ion Ratio Lower Upper

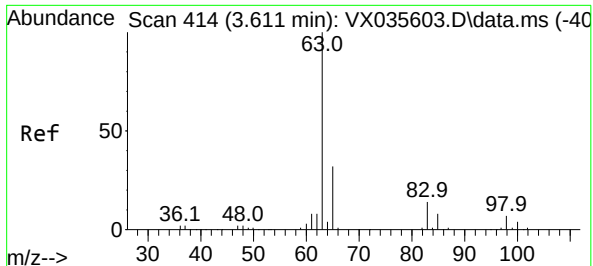
84 100

49 94.5 103.8 155.8#

51 39.7 31.8 47.8

86 38.0 51.4 77.2#





#24

1,1-Dichloroethane

Concen: 0.234 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX035835.D

Acq: 24 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

RW10-MW01S-20230522

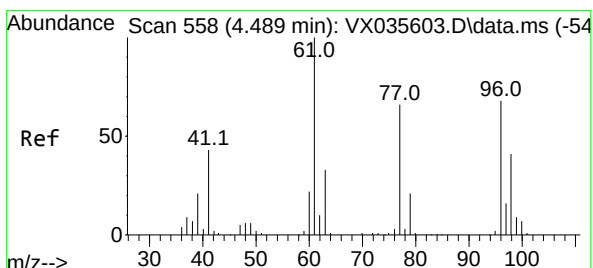
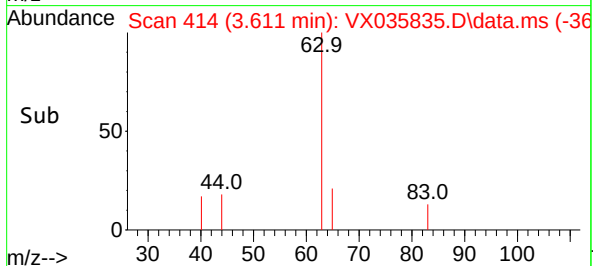
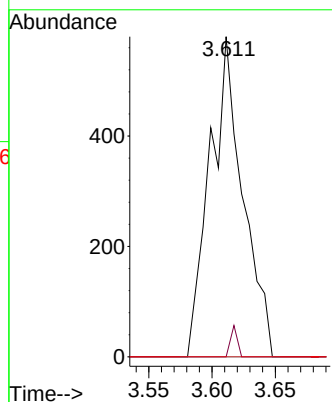
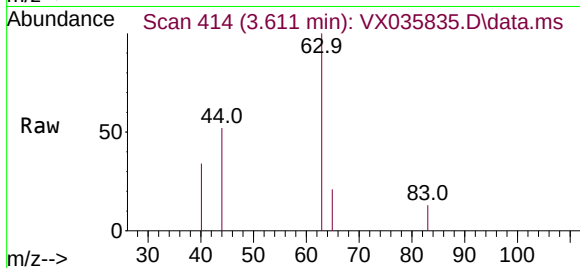
Tgt Ion: 63 Resp: 1053

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.2#

100 0.0 2.4 7.1#



#27

cis-1,2-Dichloroethene

Concen: 1.608 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX035835.D

Acq: 24 May 2023 14:51

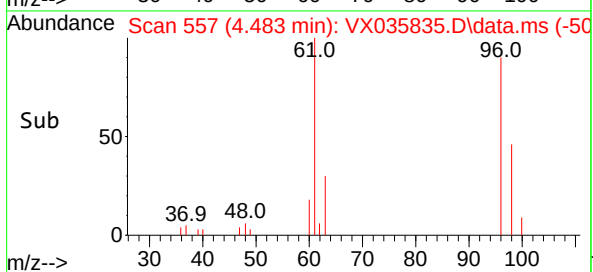
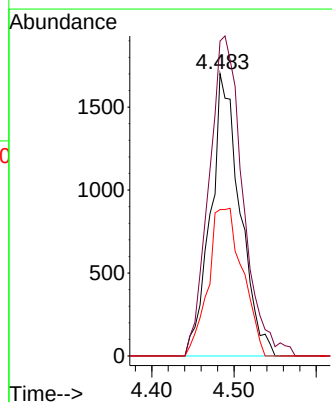
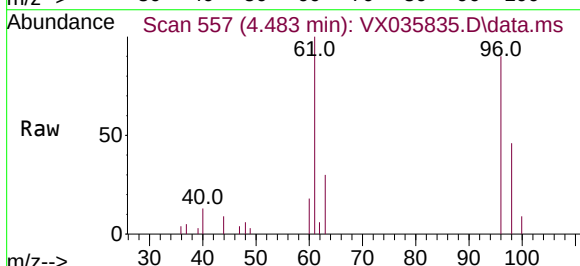
Tgt Ion: 96 Resp: 4240

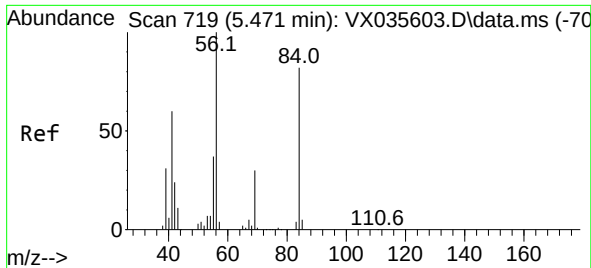
Ion Ratio Lower Upper

96 100

61 130.3 0.0 300.4

98 60.8 0.0 129.0

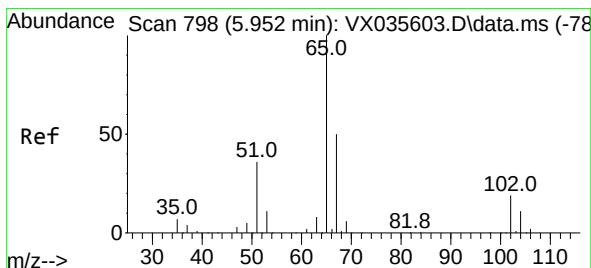
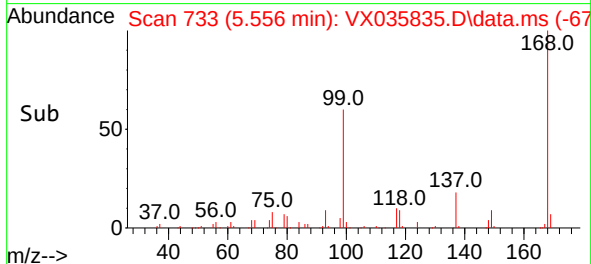
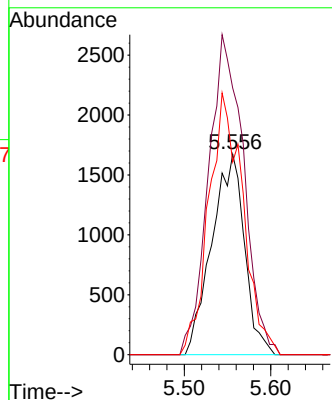
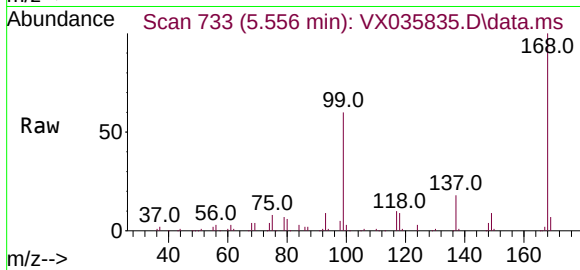




#31
Cyclohexane
Concen: 1.110 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

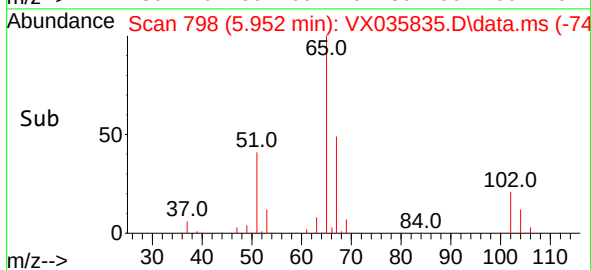
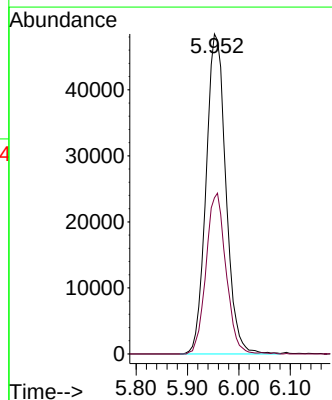
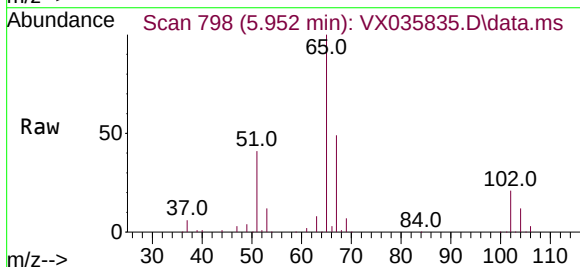
Instrument :
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RW10-MW01S-20230522

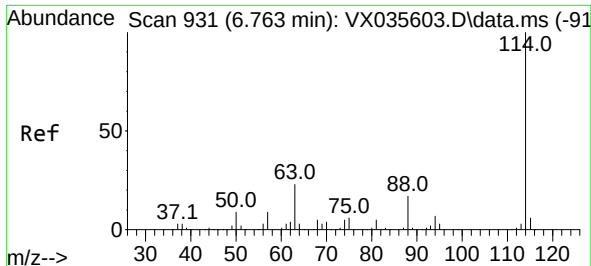
Tgt Ion: 56 Resp: 4397
Ion Ratio Lower Upper
56 100
69 133.1 23.7 35.5#
84 96.1 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 41.413 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion: 65 Resp: 129890
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

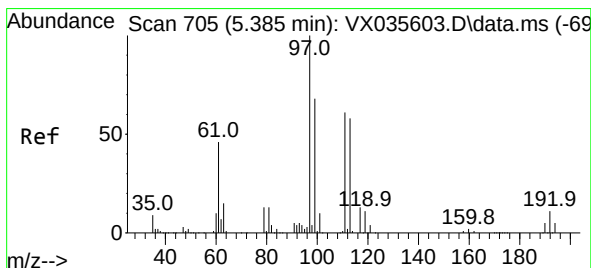
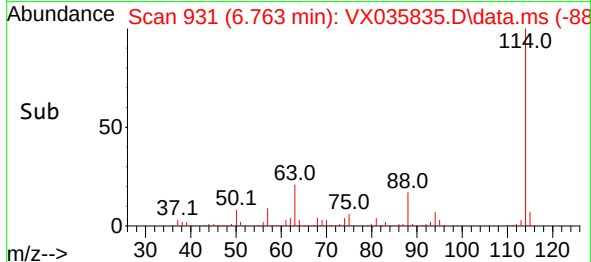
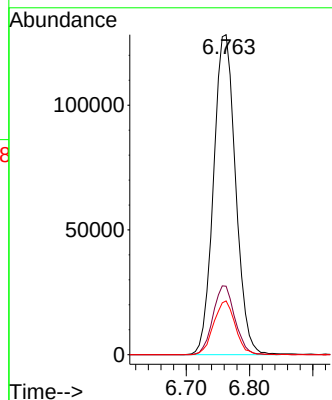
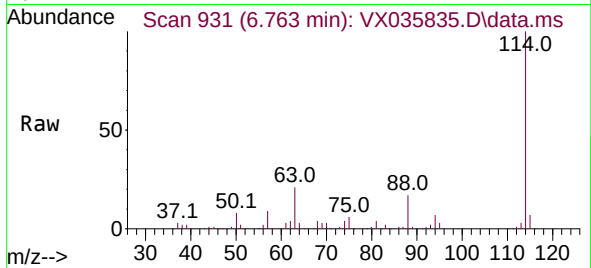




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

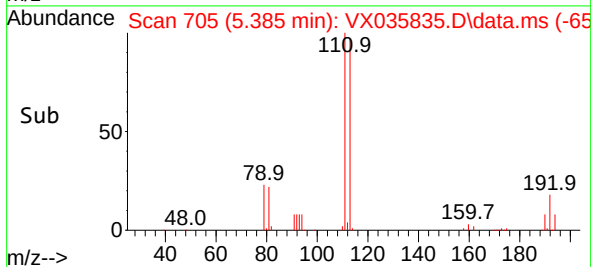
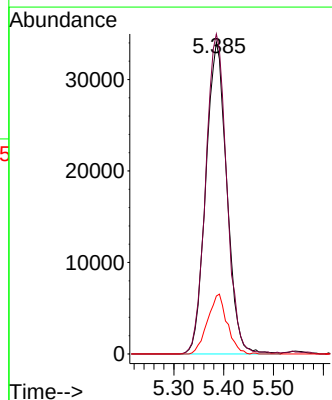
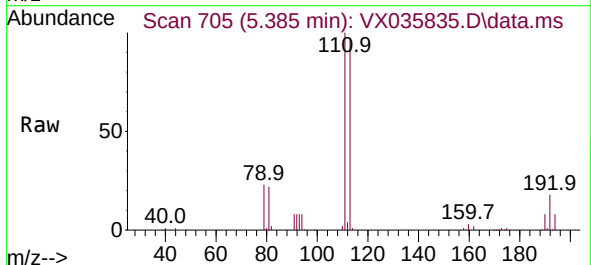
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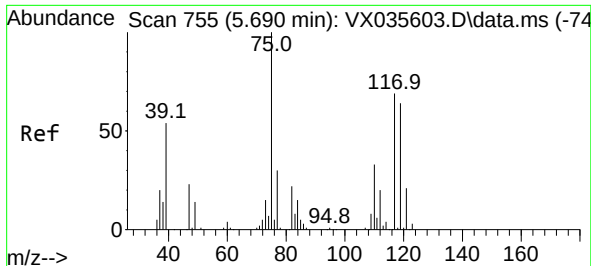
Tgt Ion:114 Resp: 310486
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.537 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion:113 Resp: 99539
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 17.9 15.4 23.2

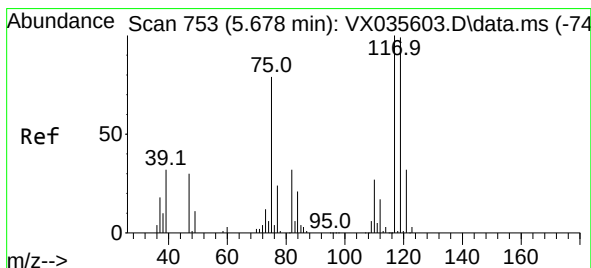
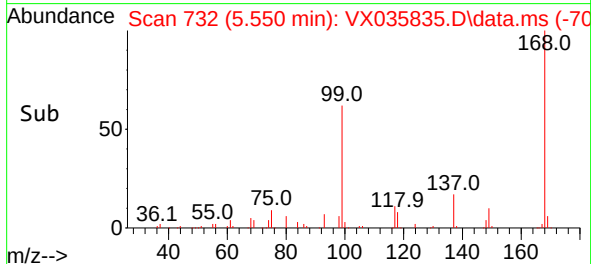
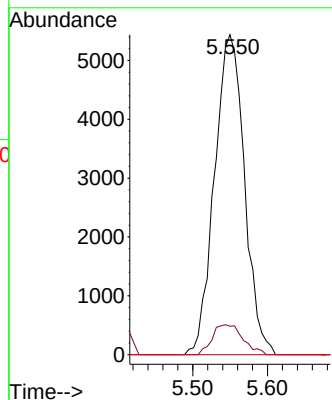
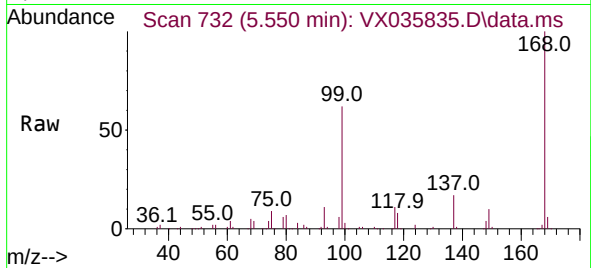




#36
1,1-Dichloropropene
Concen: 4.586 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

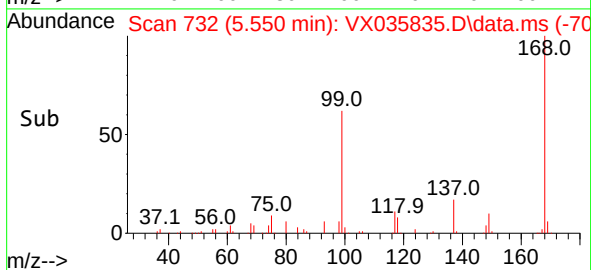
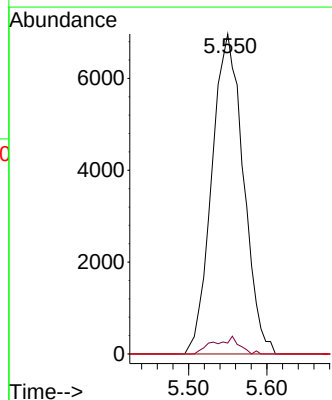
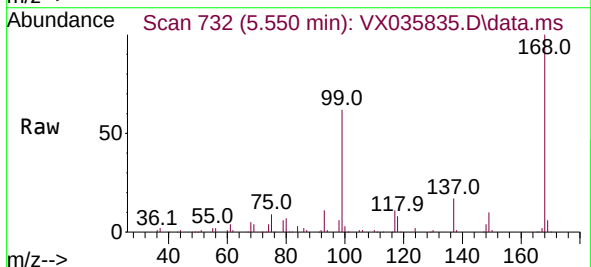
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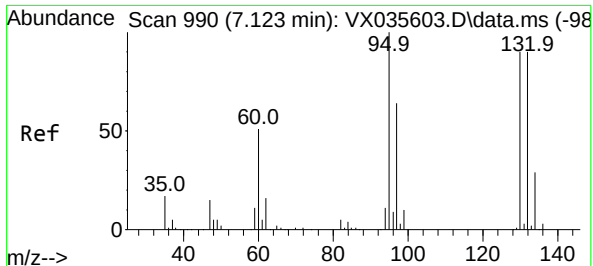
Tgt Ion: 75 Resp: 15157
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.235 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion: 117 Resp: 19521
Ion Ratio Lower Upper
117 100
119 3.4 76.6 114.8#
121 0.0 23.8 35.6#

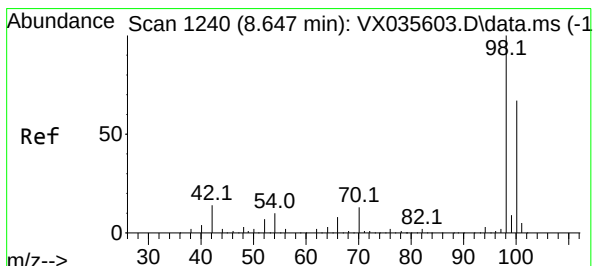
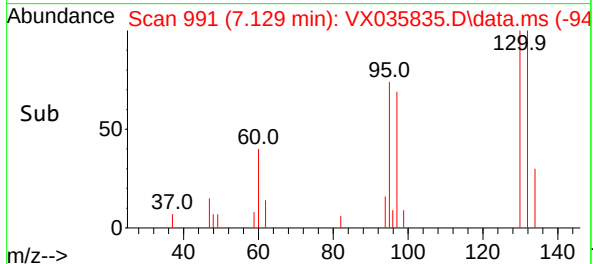
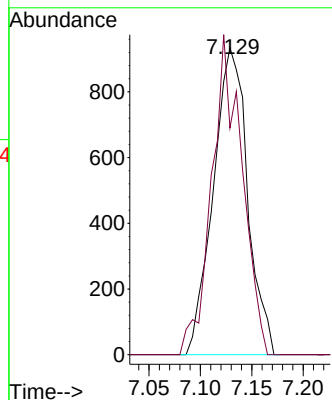
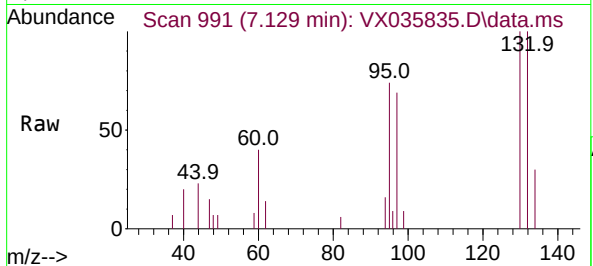




#44
Trichloroethene
Concen: 0.925 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

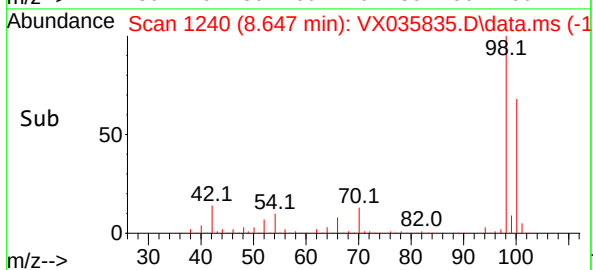
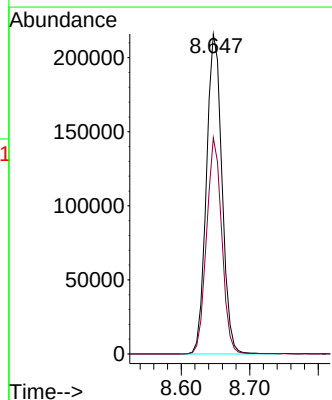
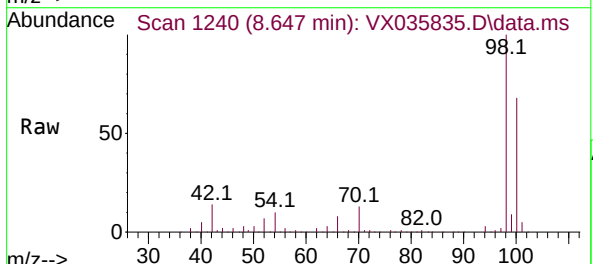
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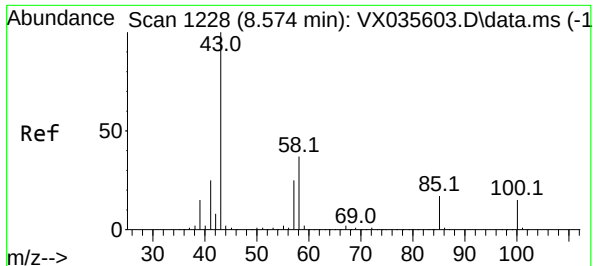
Tgt Ion:130 Resp: 2169
Ion Ratio Lower Upper
130 100
95 73.9 0.0 198.4



#50
Toluene-d8
Concen: 44.039 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion: 98 Resp: 340660
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

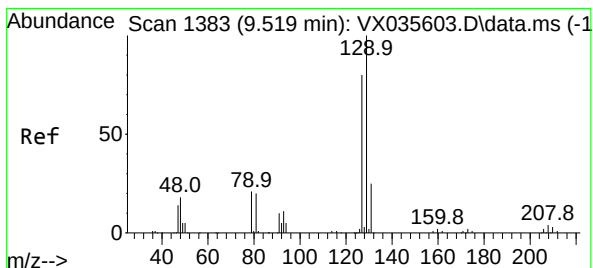
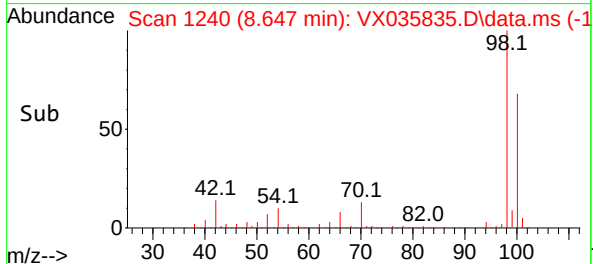
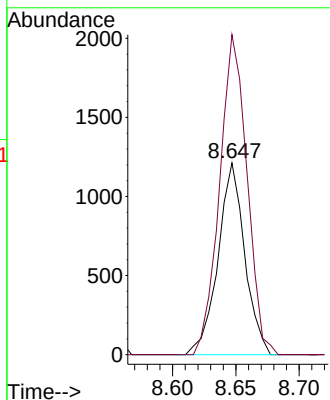
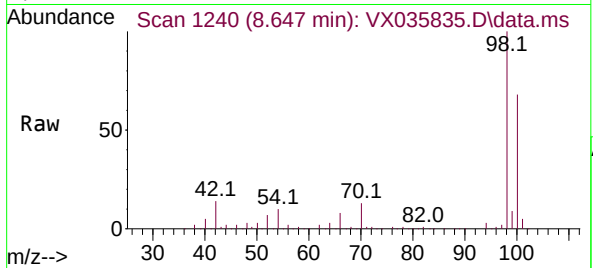




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

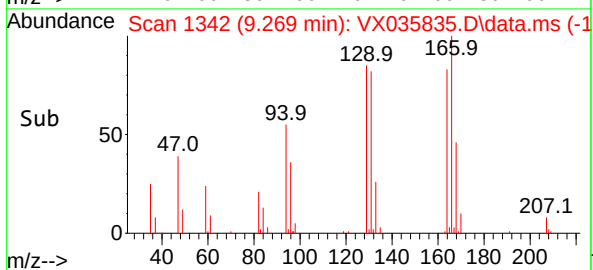
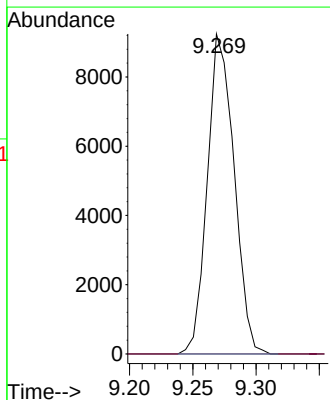
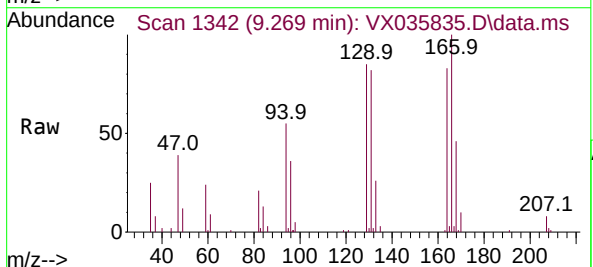
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522

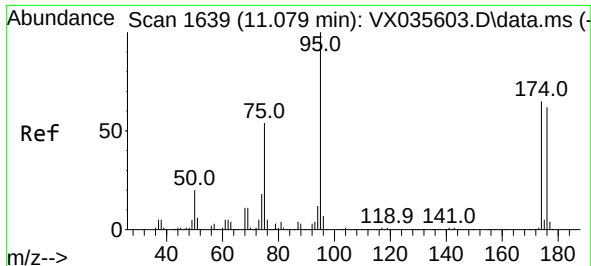
Tgt Ion: 43 Resp: 1779
Ion Ratio Lower Upper
43 100
58 171.1 30.6 46.0#



#60
Dibromochloromethane
Concen: 6.223 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion: 129 Resp: 13598
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#

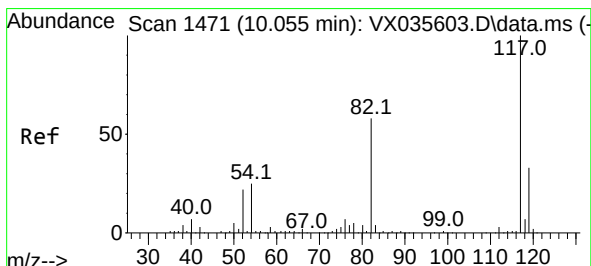
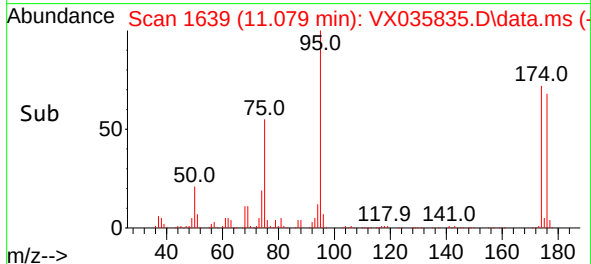
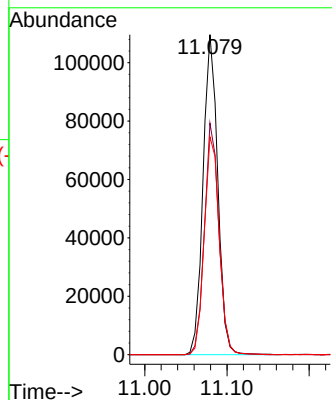
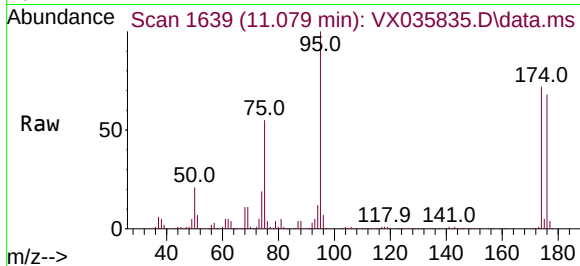




#62
4-Bromofluorobenzene
Concen: 43.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

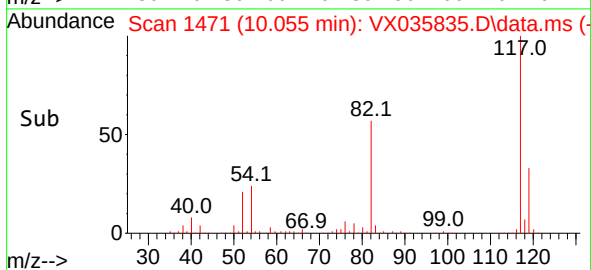
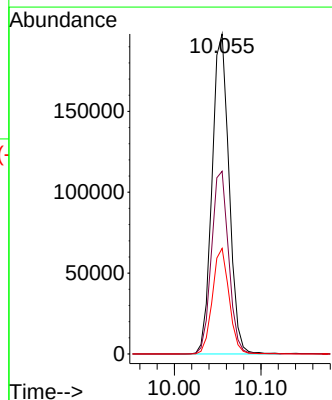
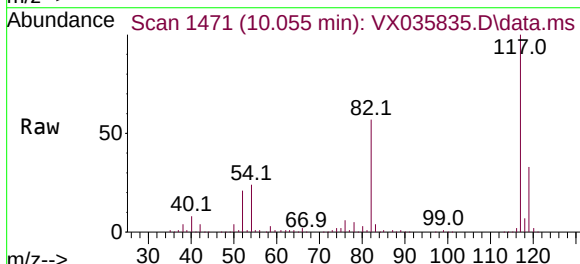
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522

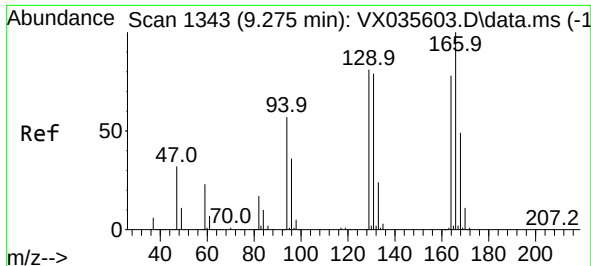
Tgt Ion: 95 Resp: 135680
Ion Ratio Lower Upper
95 100
174 71.5 0.0 147.4
176 69.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion: 117 Resp: 269447
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 33.0 26.0 39.0

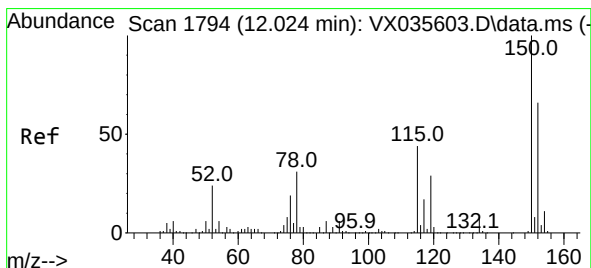
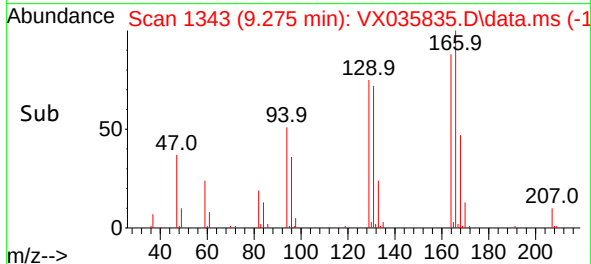
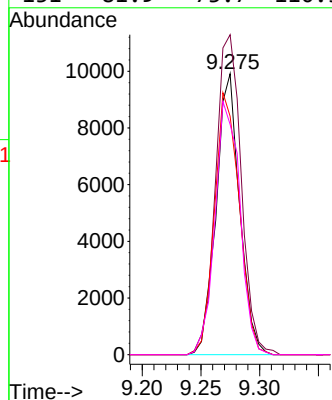
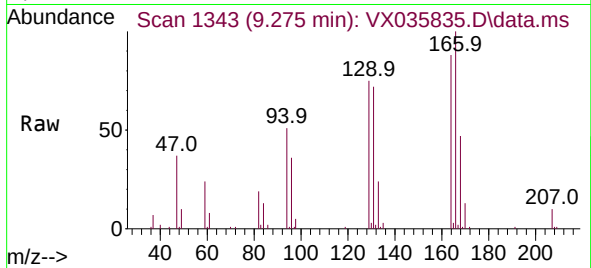




#64
Tetrachloroethene
Concen: 7.622 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

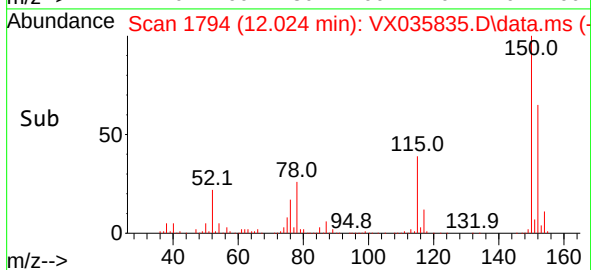
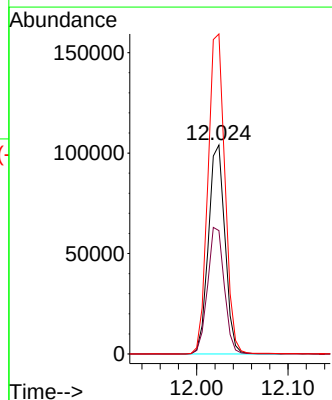
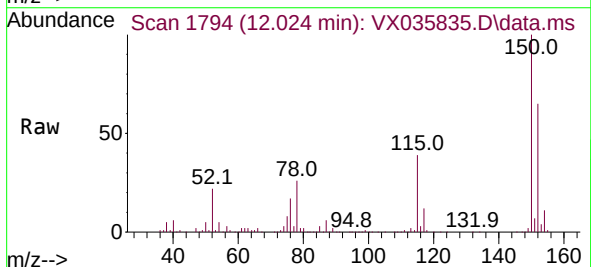
Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522

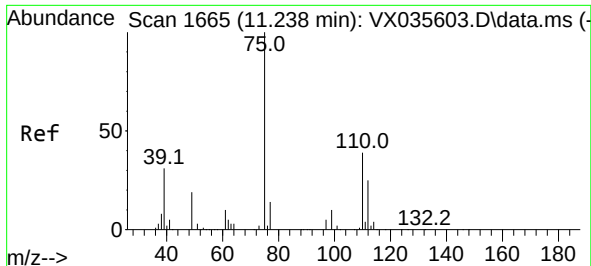
Tgt Ion:164 Resp: 13827
Ion Ratio Lower Upper
164 100
166 113.9 102.7 154.1
129 84.9 75.6 113.4
131 81.9 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion:152 Resp: 130571
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 157.2 0.0 352.4

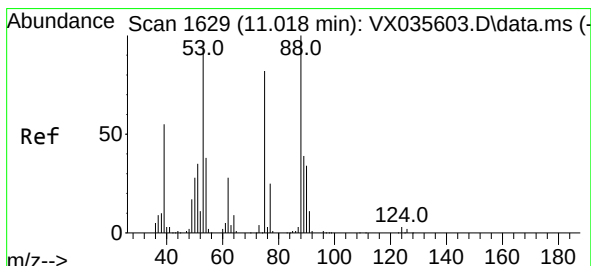
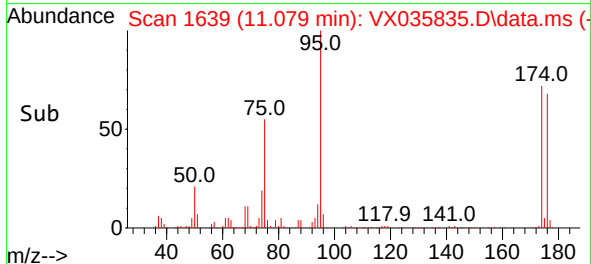
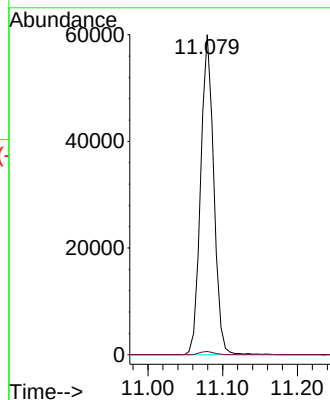
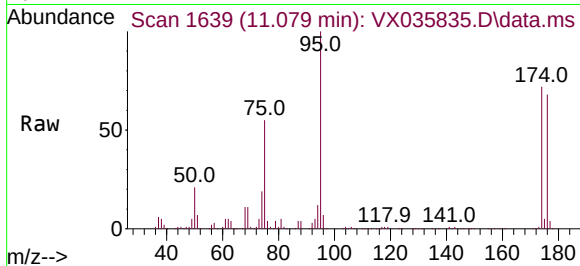




#76
1,2,3-Trichloropropane
Concen: 22.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Instrument :
MSVOA_X
ClientSampleId :
RW10-MW01S-20230522

Tgt Ion: 75 Resp: 72928
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035835.D
Acq: 24 May 2023 14:51

Tgt Ion: 75 Resp: 72928
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

