

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044491.D
 Acq On : 23 Dec 2024 19:26
 Operator : JC/MD
 Sample : P5317-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW01D3-20241217

Quant Time: Dec 23 22:16:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

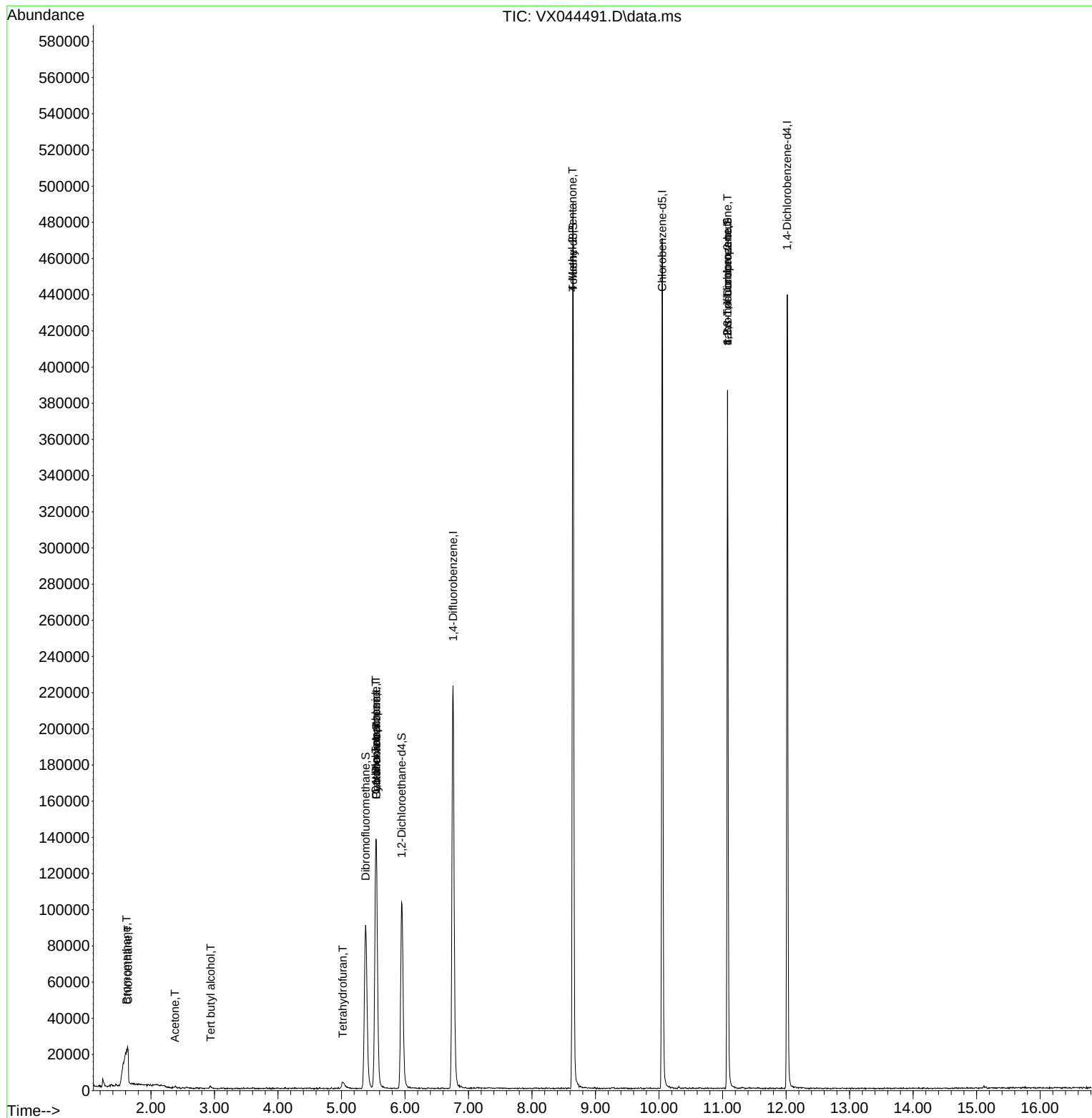
Internal Standards						
1) Pentafluorobenzene	5.550	168	131619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100345	43.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.960%
35) Dibromofluoromethane	5.379	113	78978	49.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.460%
50) Toluene-d8	8.647	98	296413	54.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.520%
62) 4-Bromofluorobenzene	11.079	95	96164	50.845	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	647	0.450	ug/l #	54
6) Chloroethane	1.636	64	557	0.441	ug/l #	61
11) Tert butyl alcohol	2.940	59	101	0.311	ug/l #	71
16) Acetone	2.380	43	710	0.755	ug/l	92
29) Tetrahydrofuran	5.019	42	2082	2.425	ug/l #	52
31) Cyclohexane	5.550	56	3101	1.245	ug/l #	43
36) 1,1-Dichloropropene	5.544	75	10691	5.155	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13470	6.033	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	1317	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52108	26.168	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	52108	72.196	ug/l #	4

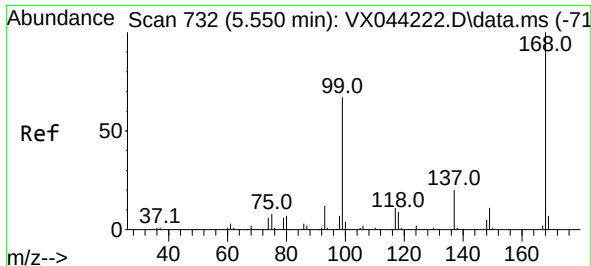
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

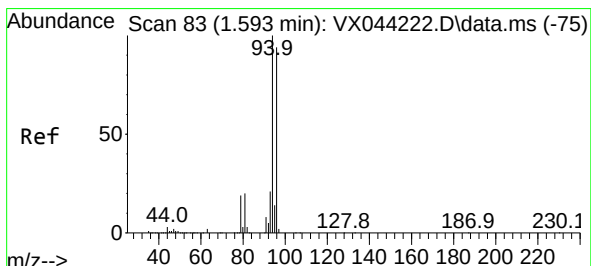
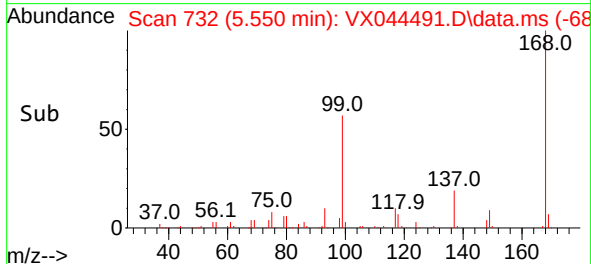
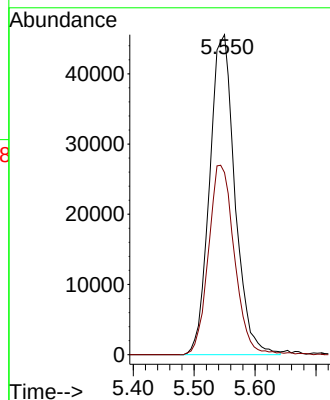
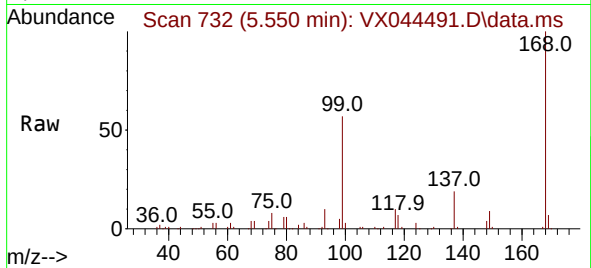




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

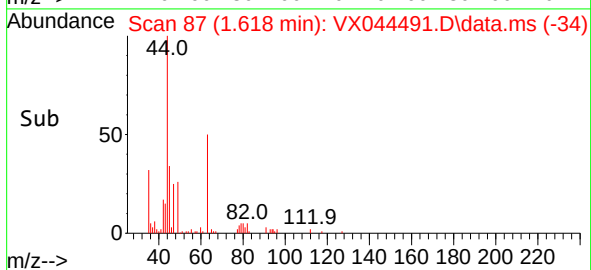
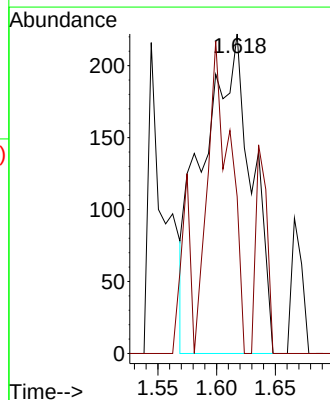
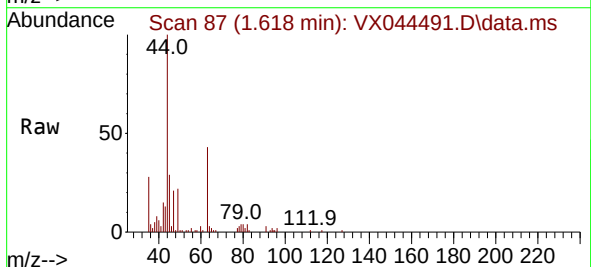
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

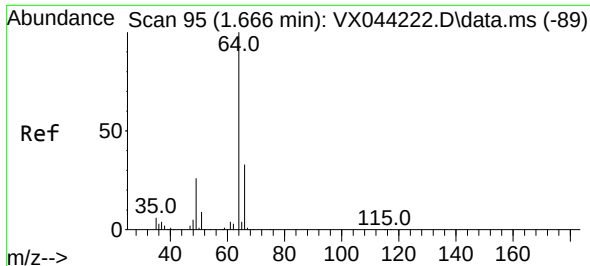
Tgt Ion:168 Resp: 131619
Ion Ratio Lower Upper
168 100
99 56.9 53.4 80.0



#5
Bromomethane
Concen: 0.450 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.024 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

Tgt Ion: 94 Resp: 647
Ion Ratio Lower Upper
94 100
96 49.1 74.9 112.3#

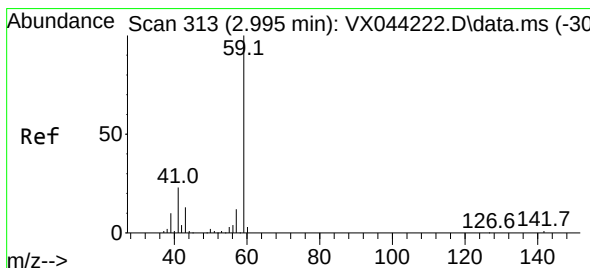
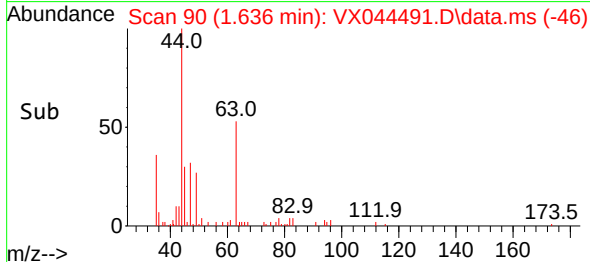
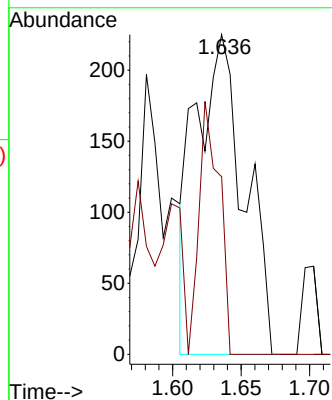
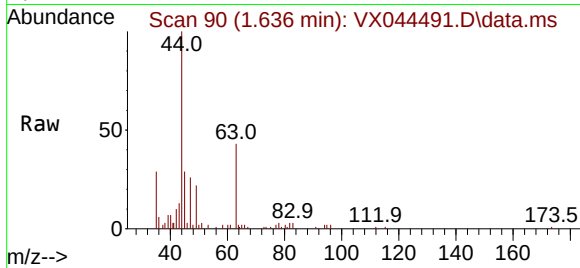




#6
Chloroethane
Concen: 0.441 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.031 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

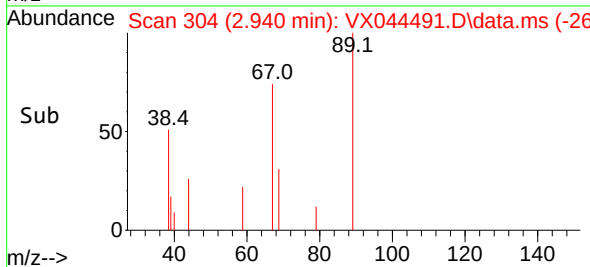
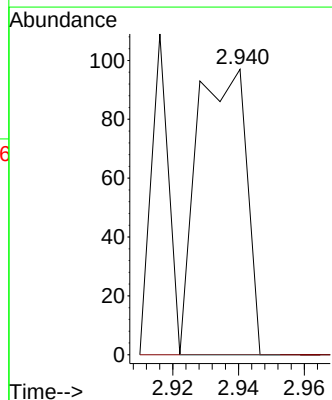
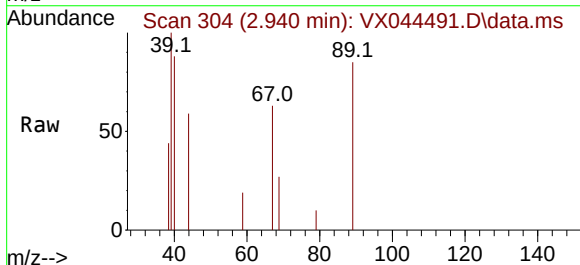
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

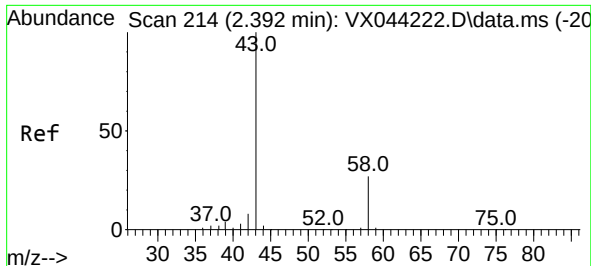
Tgt Ion: 64 Resp: 557
Ion Ratio Lower Upper
64 100
66 55.6 26.6 39.8#



#11
Tert butyl alcohol
Concen: 0.311 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#16

Acetone

Concen: 0.755 ug/l

RT: 2.380 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX044491.D

Acq: 23 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

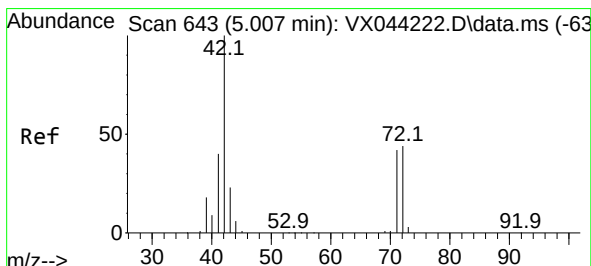
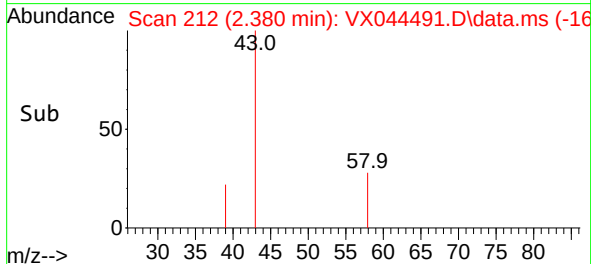
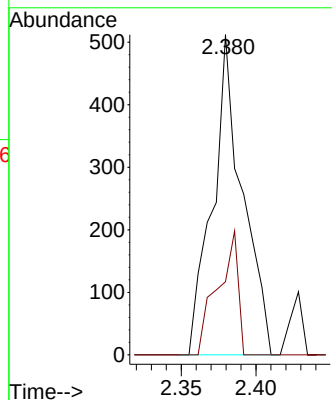
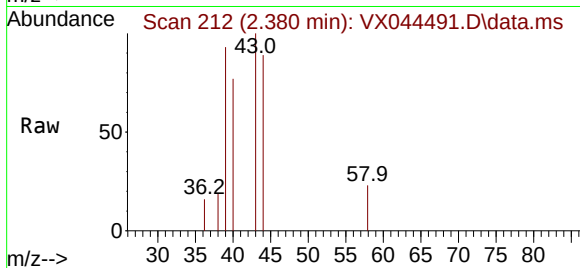
RW8-MW01D3-20241217

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

58 22.9 21.6 32.4



#29

Tetrahydrofuran

Concen: 2.425 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.012 min

Lab File: VX044491.D

Acq: 23 Dec 2024 19:26

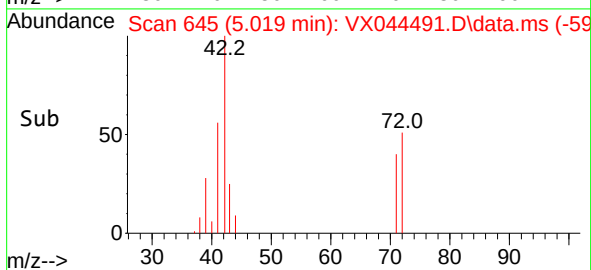
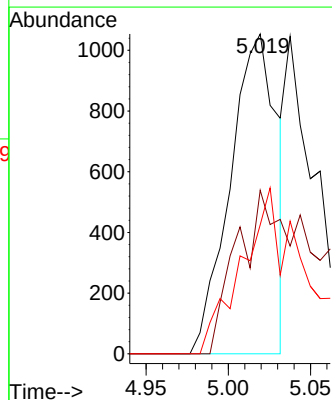
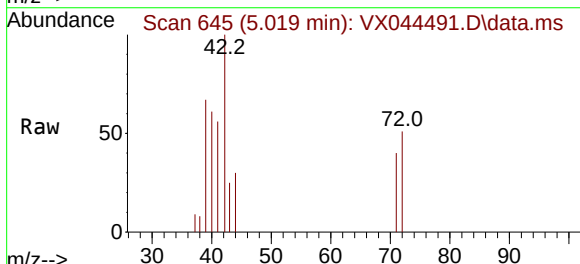
Tgt Ion: 42 Resp: 2082

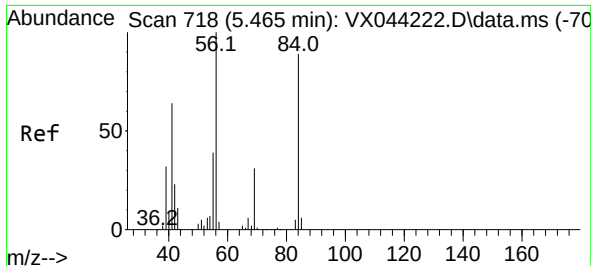
Ion Ratio Lower Upper

42 100

72 85.1 37.0 55.6#

71 65.7 33.6 50.4#

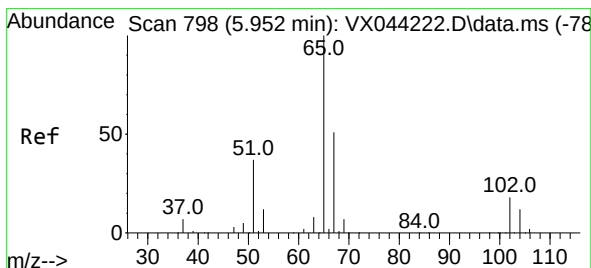
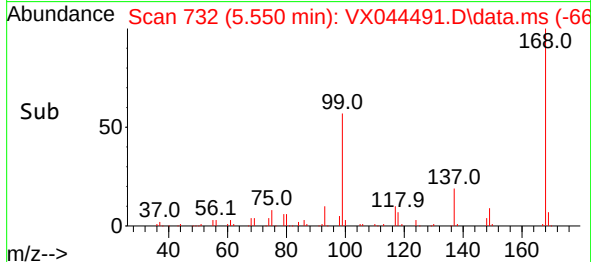
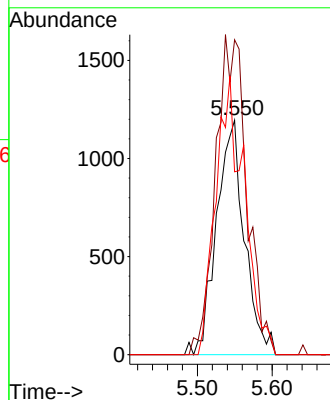
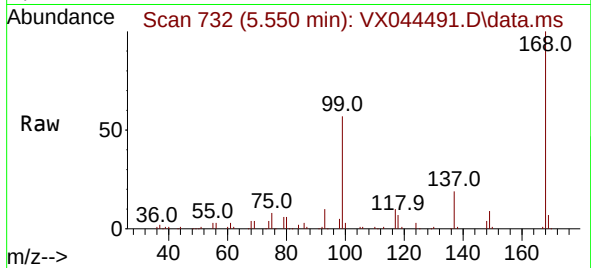




#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

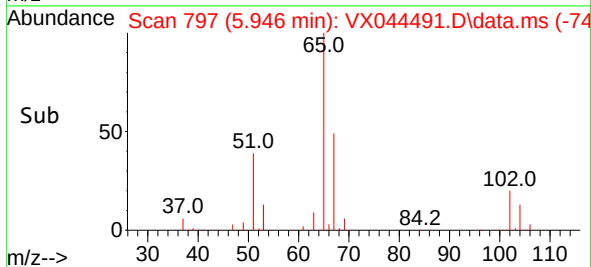
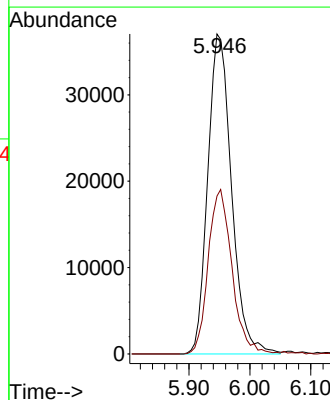
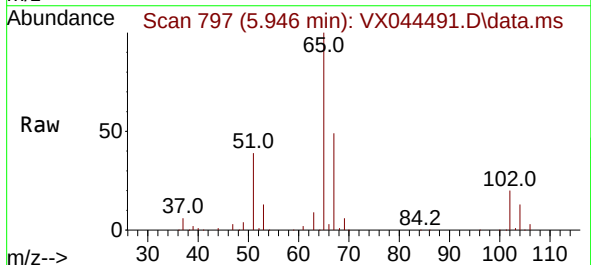
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

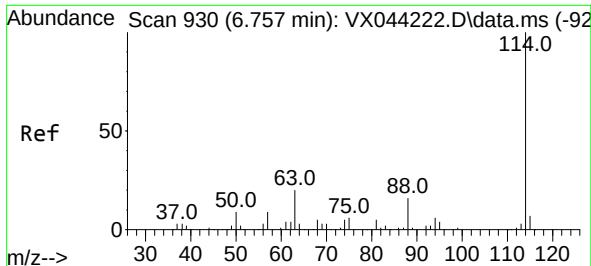
Tgt Ion: 56 Resp: 3101
Ion Ratio Lower Upper
56 100
69 134.3 24.7 37.1#
84 78.0 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 43.482 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

Tgt Ion: 65 Resp: 100345
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.6

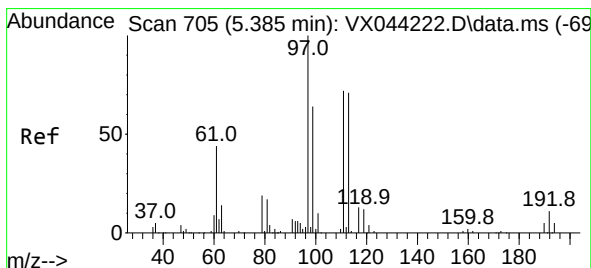
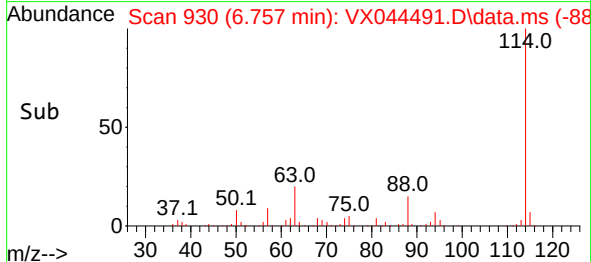
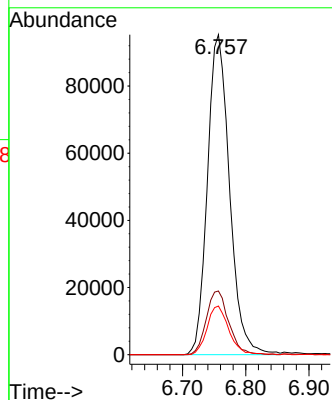
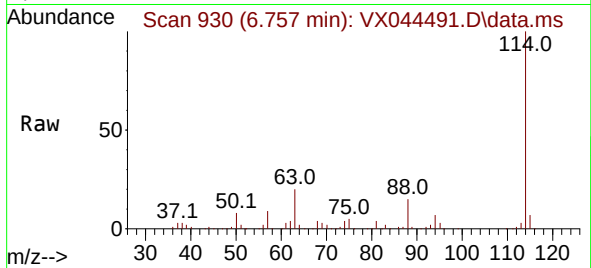




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

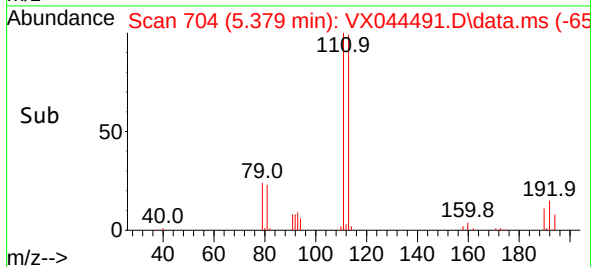
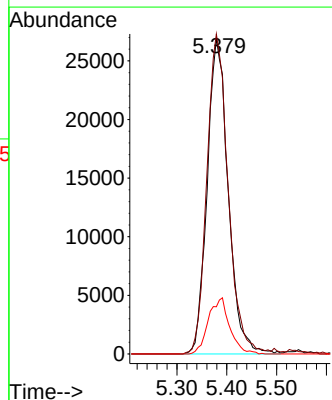
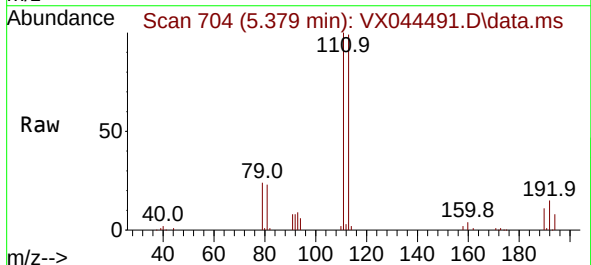
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

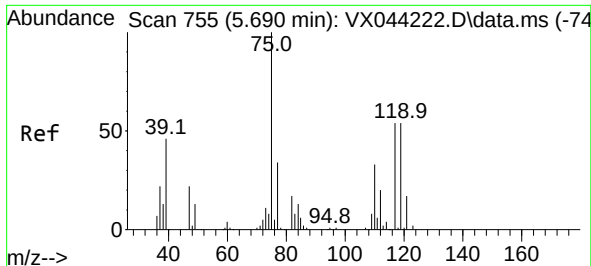
Tgt Ion:114 Resp: 231647
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.6
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.227 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

Tgt Ion:113 Resp: 78978
Ion Ratio Lower Upper
113 100
111 102.3 80.4 120.6
192 18.0 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.155 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX044491.D

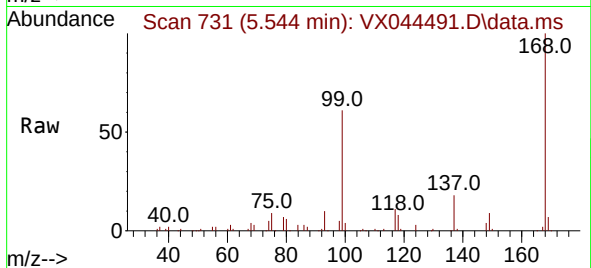
Acq: 23 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20241217



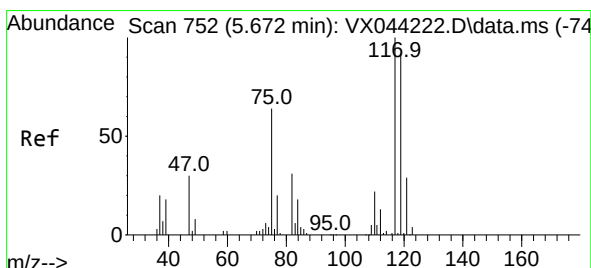
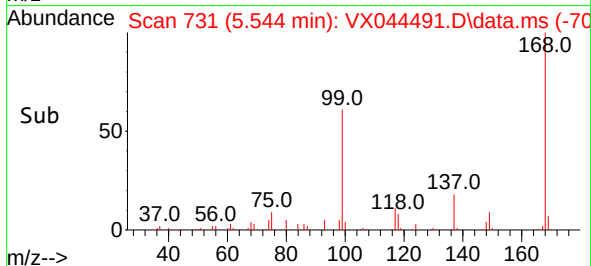
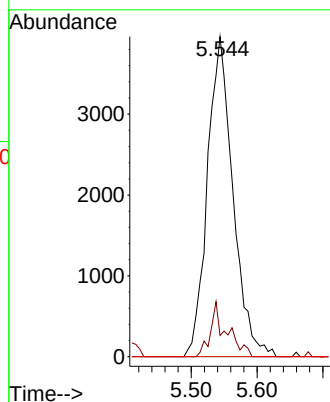
Tgt Ion: 75 Resp: 10691

Ion Ratio Lower Upper

75 100

110 10.9 17.3 51.7#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.033 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX044491.D

Acq: 23 Dec 2024 19:26

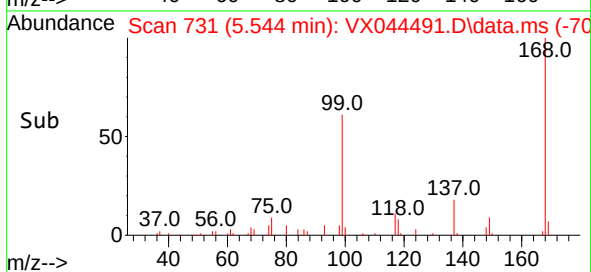
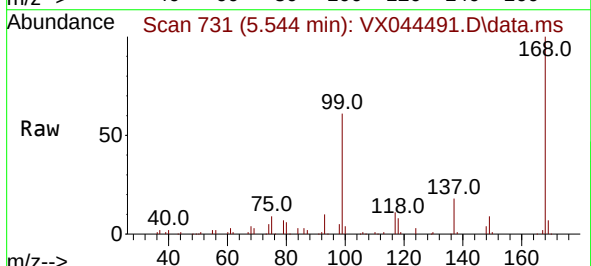
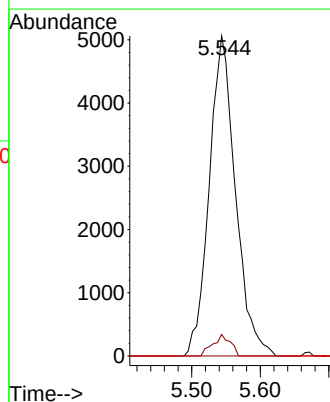
Tgt Ion: 117 Resp: 13470

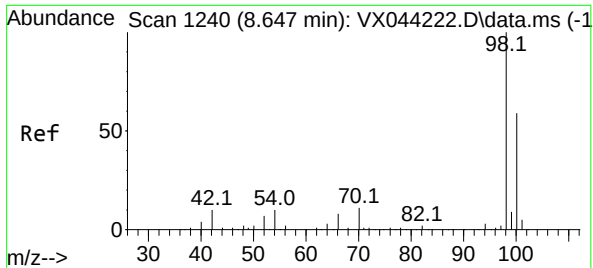
Ion Ratio Lower Upper

117 100

119 6.7 74.2 111.4#

121 0.0 23.0 34.6#

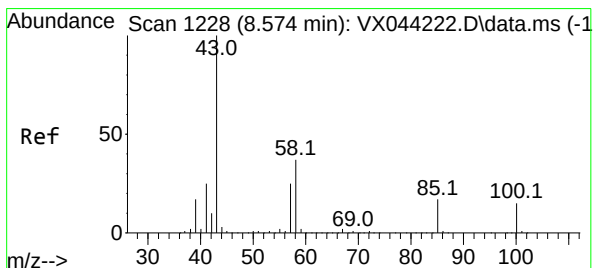
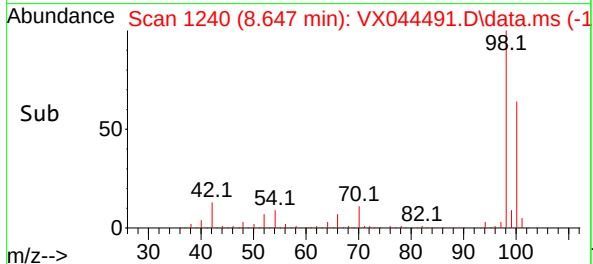
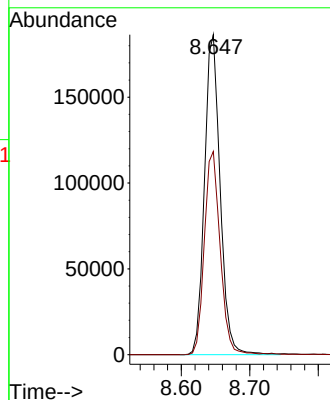
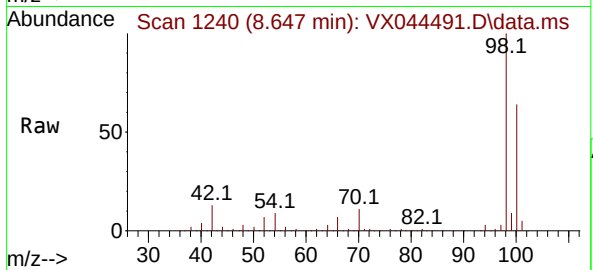




#50
Toluene-d8
Concen: 54.763 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

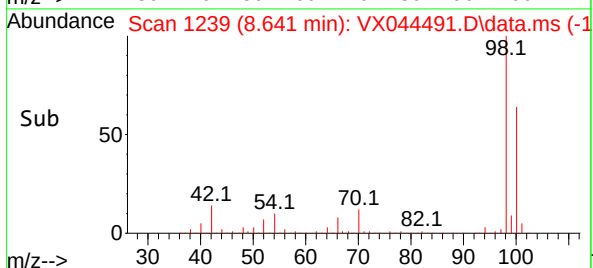
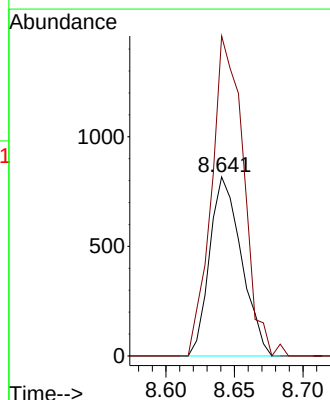
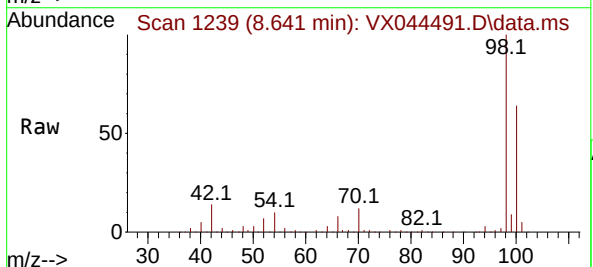
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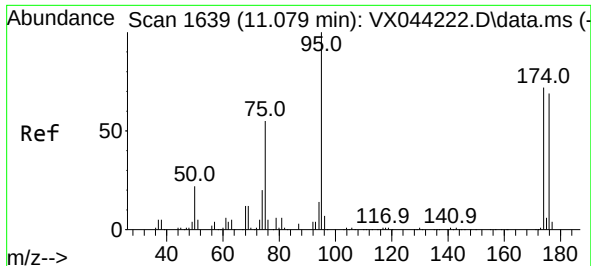
Tgt Ion: 98 Resp: 296413
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
58 180.3 29.4 44.0#

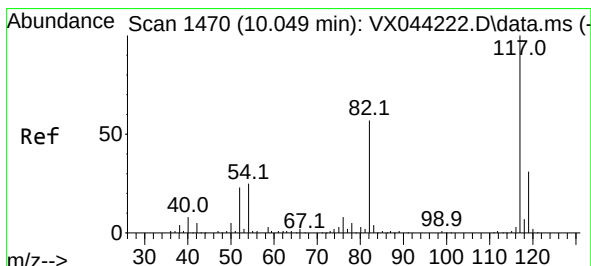
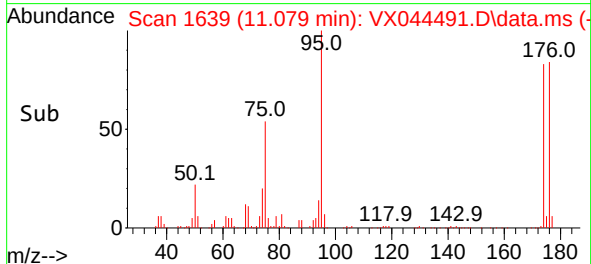
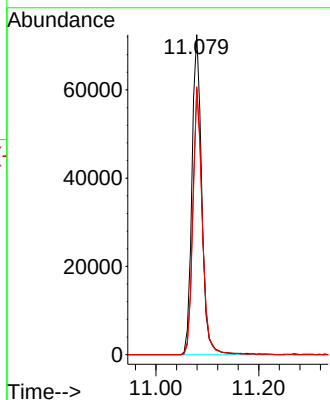
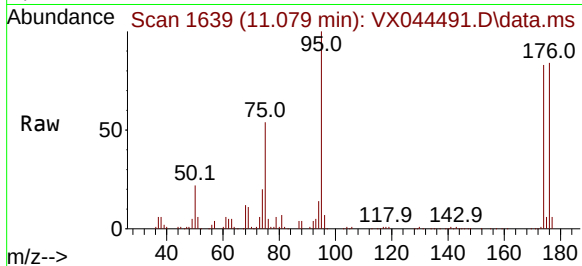




#62
4-Bromofluorobenzene
Concen: 50.845 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

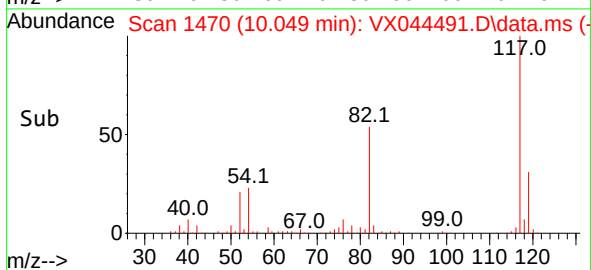
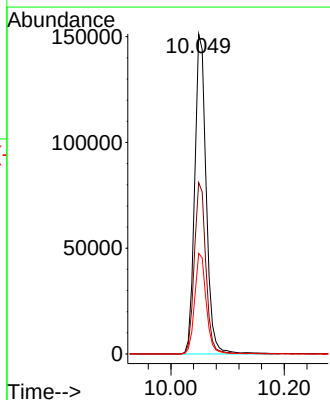
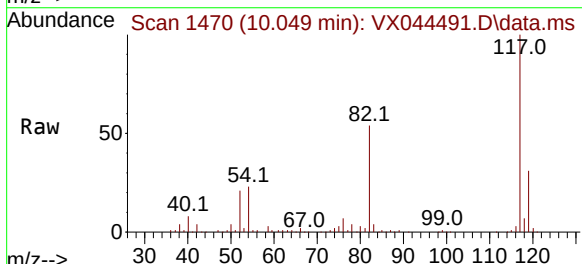
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

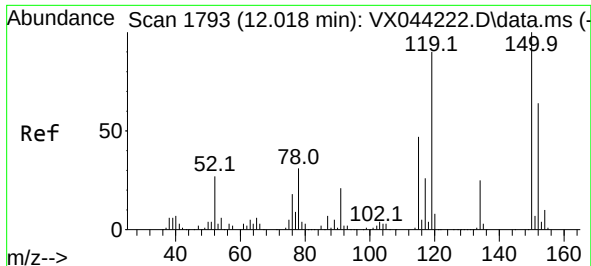
Tgt Ion: 95 Resp: 96164
Ion Ratio Lower Upper
95 100
174 80.9 0.0 145.8
176 79.2 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

Tgt Ion: 117 Resp: 212925
Ion Ratio Lower Upper
117 100
82 53.6 45.8 68.8
119 31.4 25.0 37.4

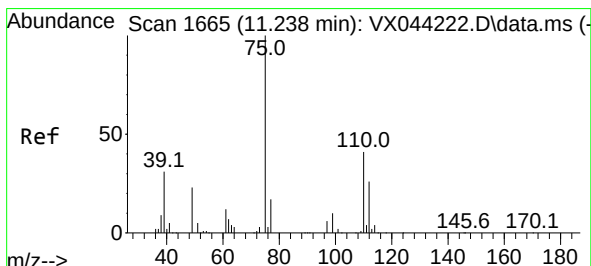
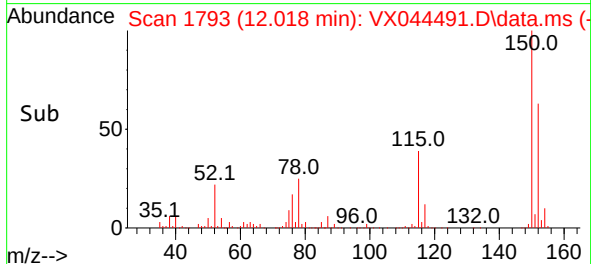
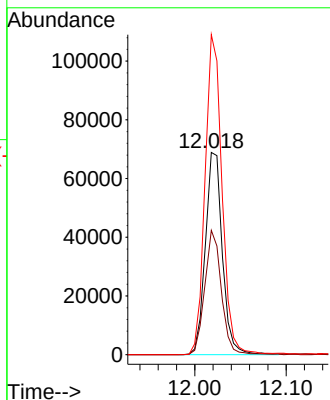
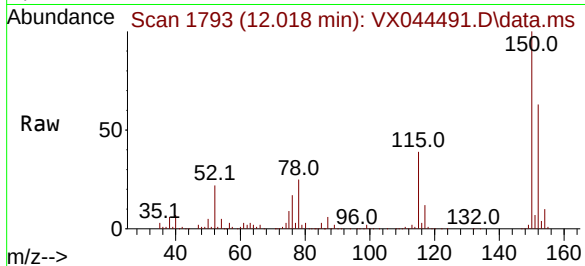




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

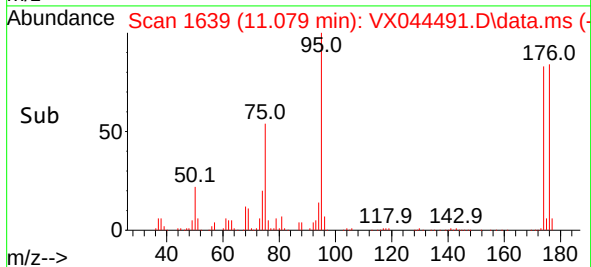
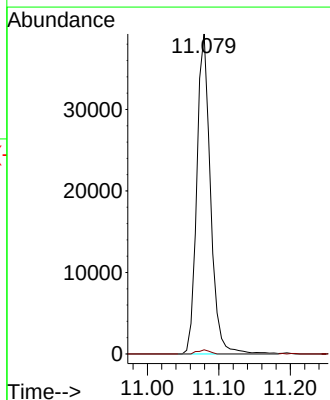
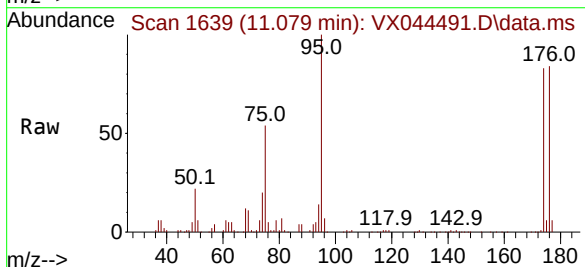
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW01D3-20241217

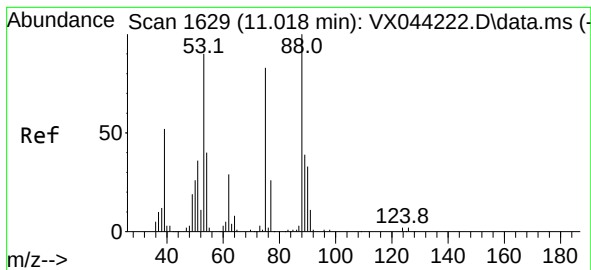
Tgt Ion:152 Resp: 89186
Ion Ratio Lower Upper
152 100
115 60.0 44.5 133.3
150 157.0 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 26.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044491.D
Acq: 23 Dec 2024 19:26

Tgt Ion: 75 Resp: 52108
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 72.196 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX044491.D

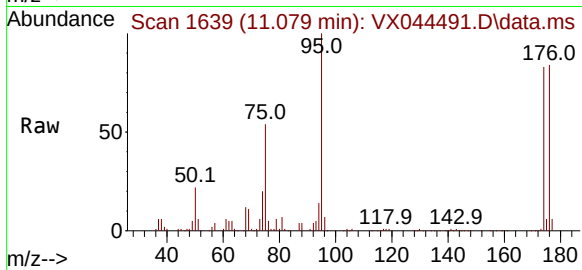
Acq: 23 Dec 2024 19:26

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW01D3-20241217



Tgt Ion: 75 Resp: 52108

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#

