

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037393.D
 Acq On : 30 Aug 2023 16:54
 Operator : JC/MD
 Sample : 04229-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02-9-082923-FD

Quant Time: Aug 31 02:25:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

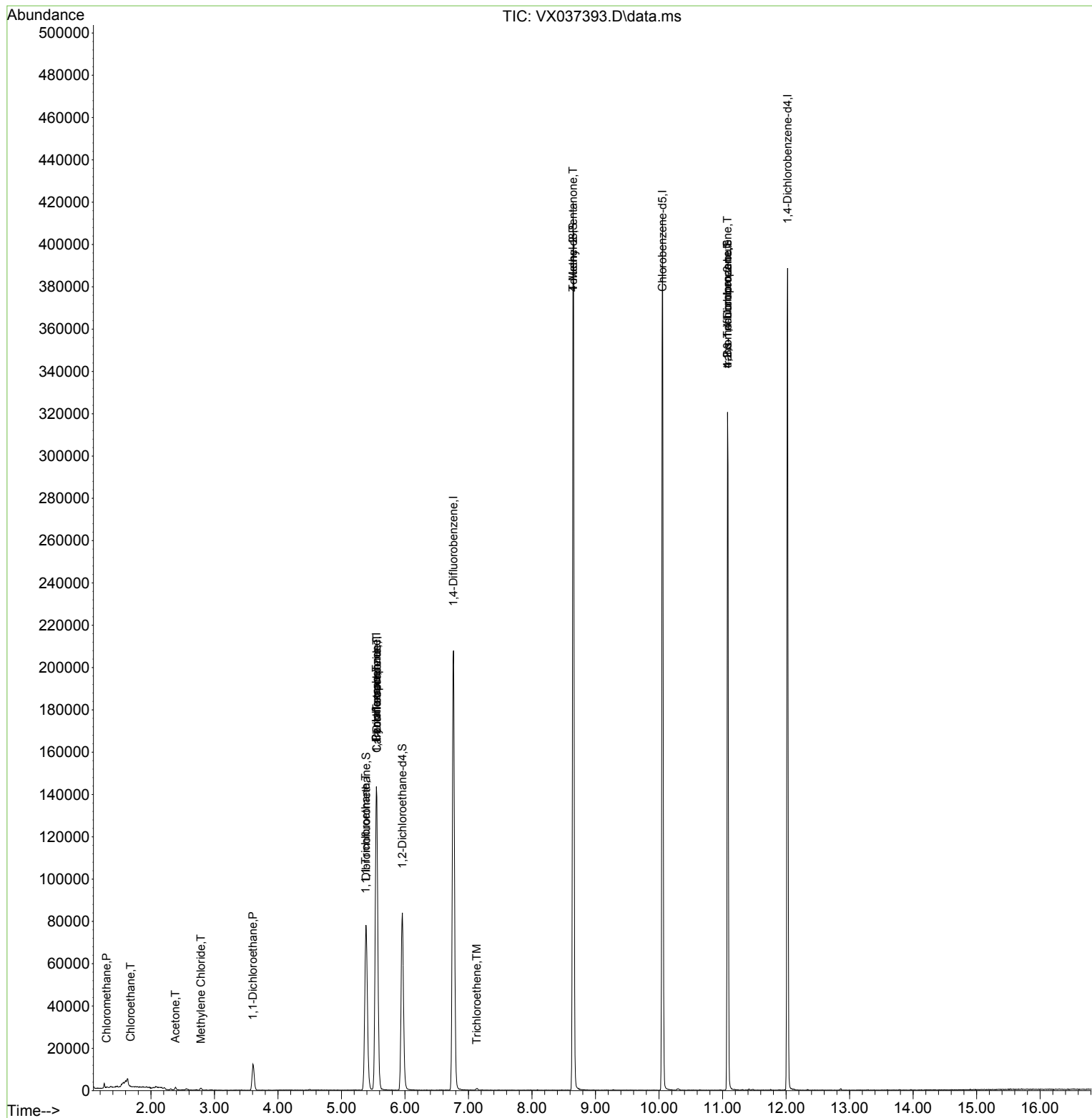
Internal Standards						
1) Pentafluorobenzene	5.550	168	136240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82773	42.142	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.280%
35) Dibromofluoromethane	5.385	113	67837	46.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.100%
50) Toluene-d8	8.647	98	260712	48.788	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	91305	43.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.960%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	327	0.236	ug/l #	43
6) Chloroethane	1.679	64	251	0.283	ug/l #	43
16) Acetone	2.386	43	1433	1.865	ug/l #	79
20) Methylene Chloride	2.788	84	500	0.291	ug/l #	70
24) 1,1-Dichloroethane	3.605	63	14319	5.126	ug/l	96
31) Cyclohexane	5.550	56	2629	1.190	ug/l #	1
32) 1,1,1-Trichloroethane	5.379	97	2173	0.773	ug/l #	51
36) 1,1-Dichloropropene	5.556	75	10566	5.048	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14334	6.305	ug/l #	14
44) Trichloroethene	7.129	130	426	0.250	ug/l	67
51) 4-Methyl-2-Pentanone	8.647	43	902	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44754	25.430	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44754	71.027	ug/l #	5

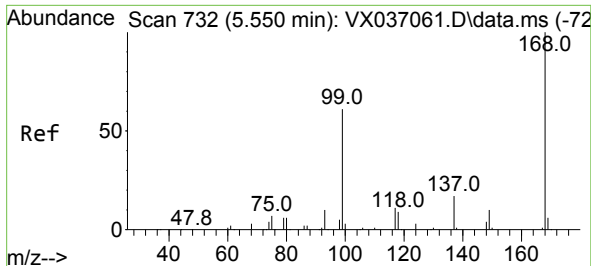
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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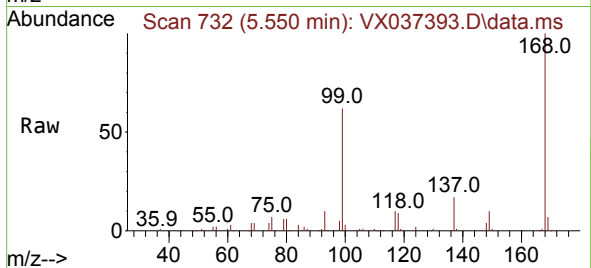
Quant Time: Aug 31 02:25:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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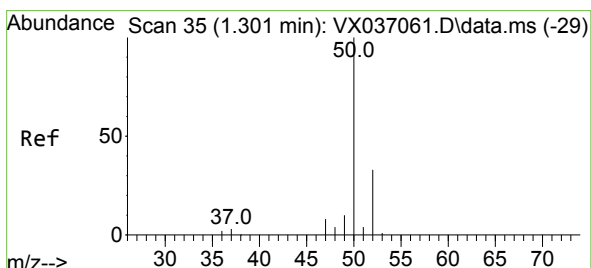
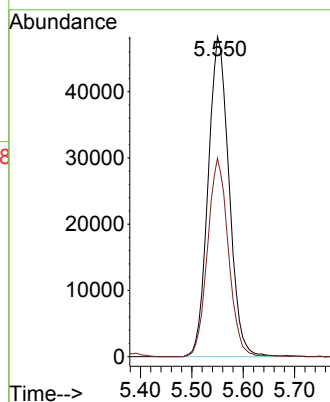


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-02-9-082923-FD

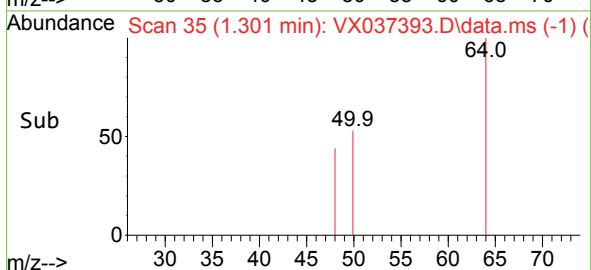
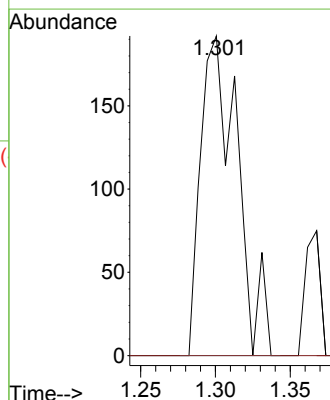
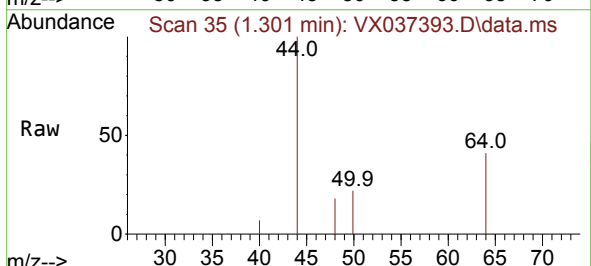


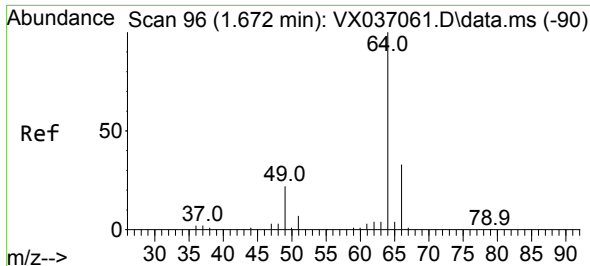
Tgt Ion:168 Resp: 136240
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#3
Chloromethane
Concen: 0.236 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

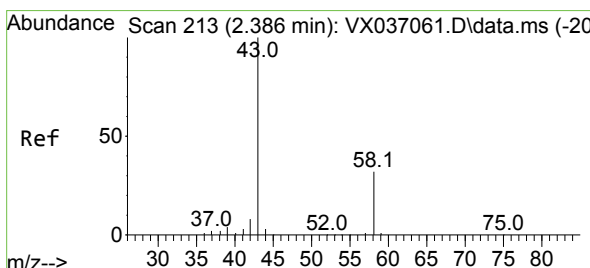
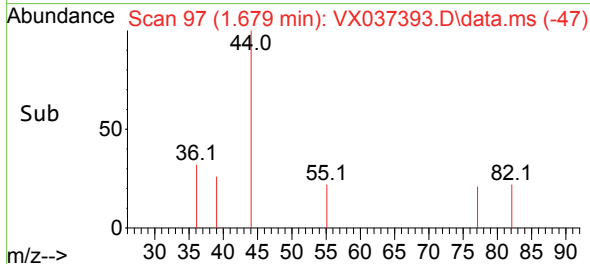
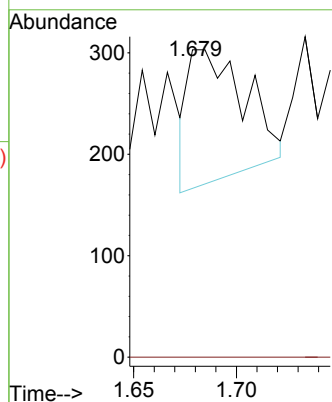
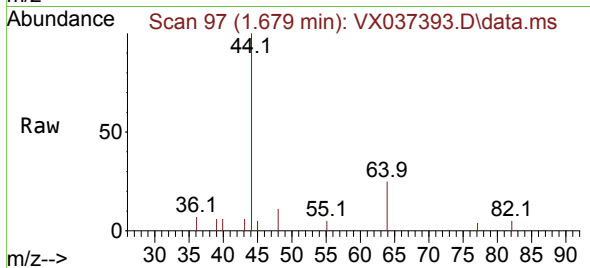




#6
Chloroethane
Concen: 0.283 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

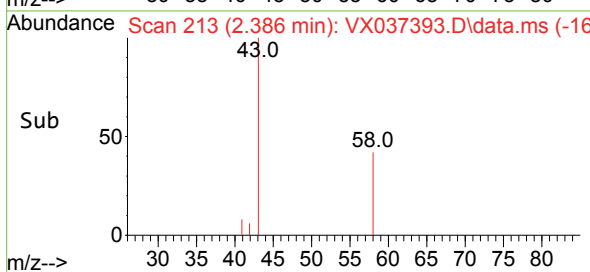
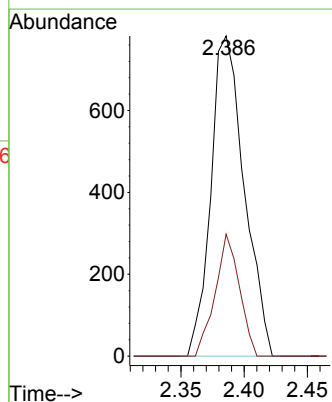
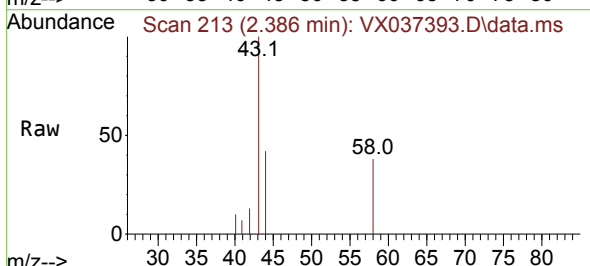
Instrument :
MSVOA_X
ClientSampleId :
MW-02-9-082923-FD

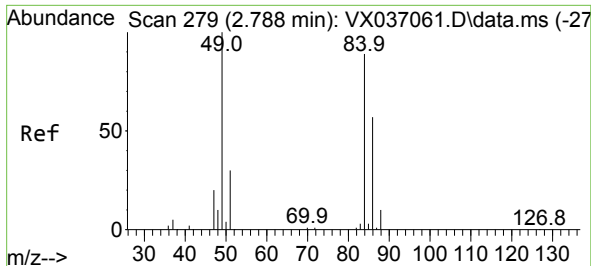
Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.865 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
58 38.1 21.9 32.9#

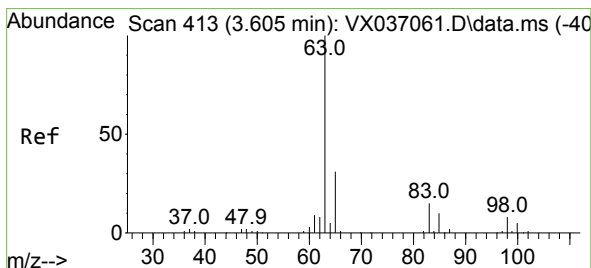
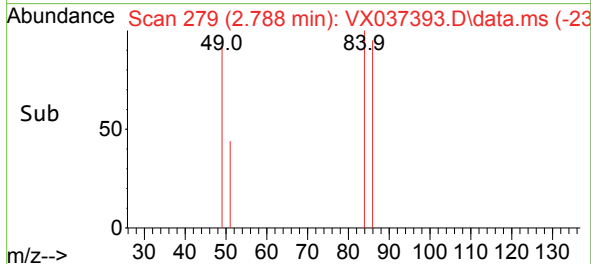
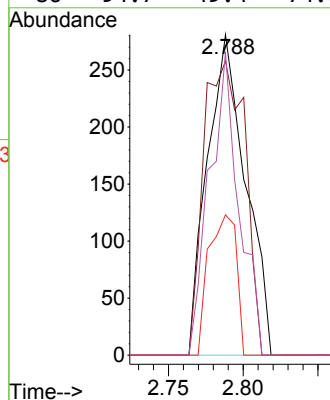
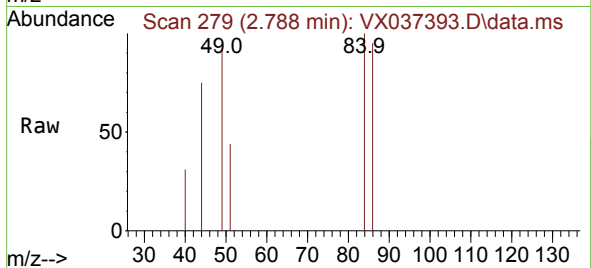




#20
Methylene Chloride
Concen: 0.291 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

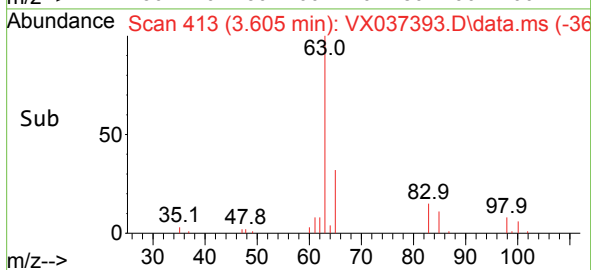
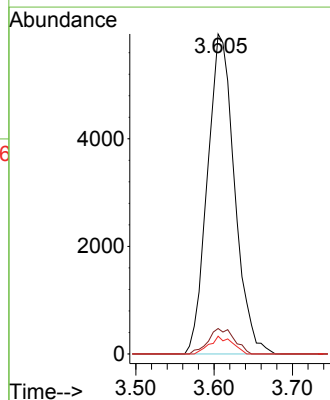
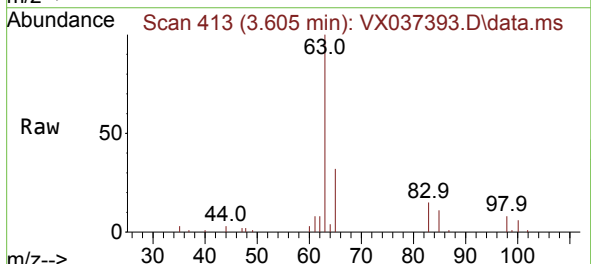
Instrument :
MSVOA_X
ClientSampleId :
MW-02-9-082923-FD

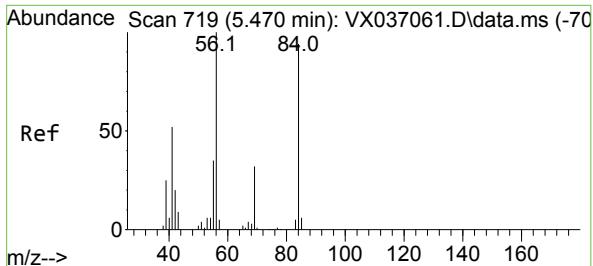
Tgt Ion:	84	Resp:	500
Ion	Ratio	Lower	Upper
84	100		
49	91.8	103.6	155.4#
51	43.8	33.8	50.6
86	94.7	49.4	74.0#



#24
1,1-Dichloroethane
Concen: 5.126 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Tgt Ion:	63	Resp:	14319
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.3	9.8
100	5.5	2.1	6.5

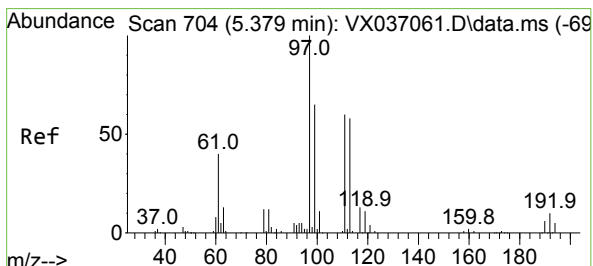
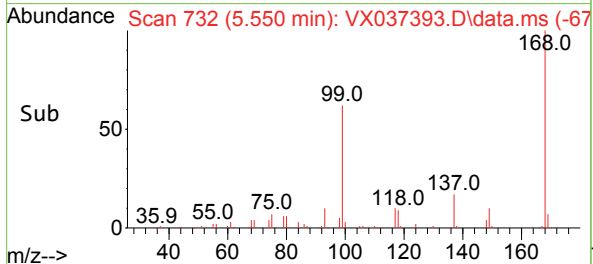
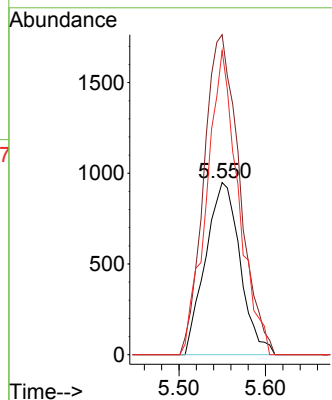
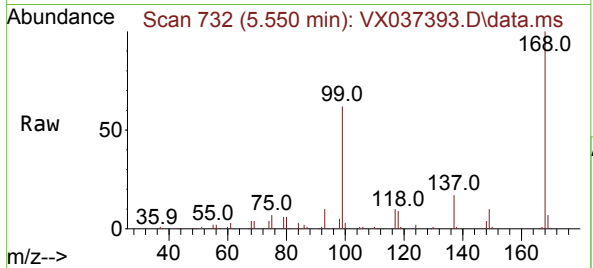




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

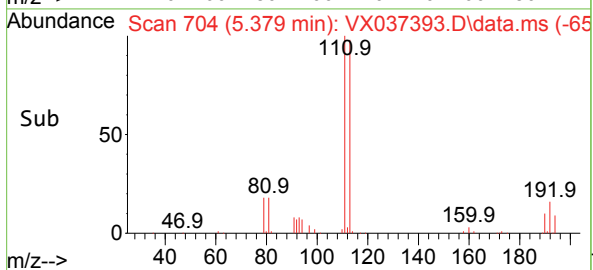
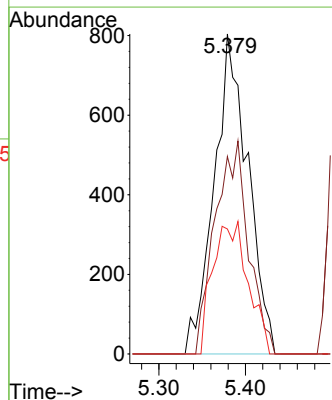
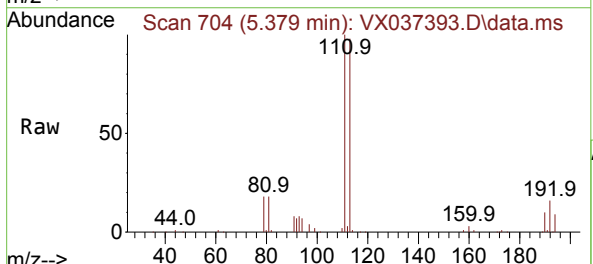
Instrument :
MSVOA_X
ClientSampleId :
MW-02-9-082923-FD

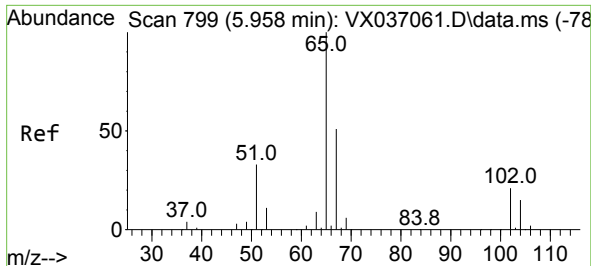
Tgt Ion: 56 Resp: 2629
Ion Ratio Lower Upper
56 100
69 185.9 23.4 35.2#
84 176.6 65.9 98.9#



#32
1,1,1-Trichloroethane
Concen: 0.773 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Tgt Ion: 97 Resp: 2173
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 43.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 42.142 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037393.D

Acq: 30 Aug 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

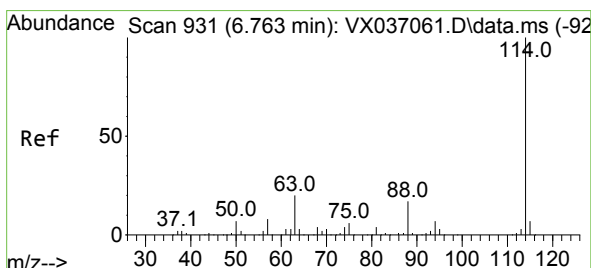
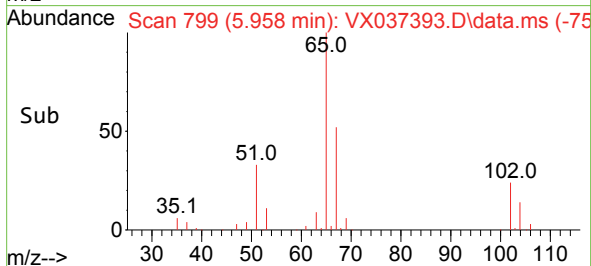
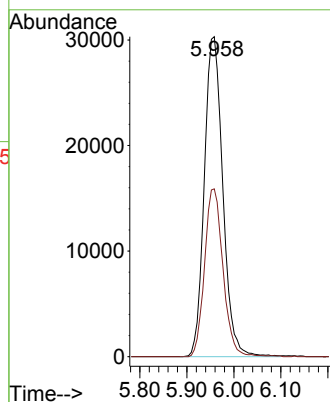
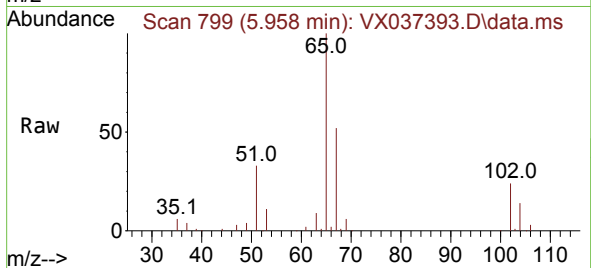
MW-02-9-082923-FD

Tgt Ion: 65 Resp: 82773

Ion Ratio Lower Upper

65 100

67 52.2 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: VX037393.D

Acq: 30 Aug 2023 16:54

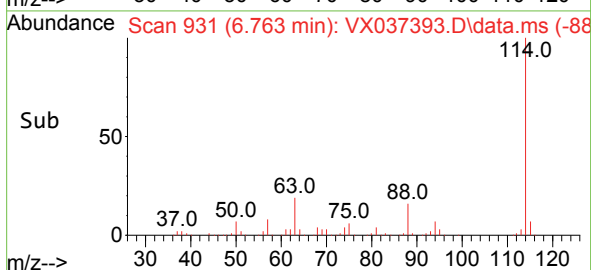
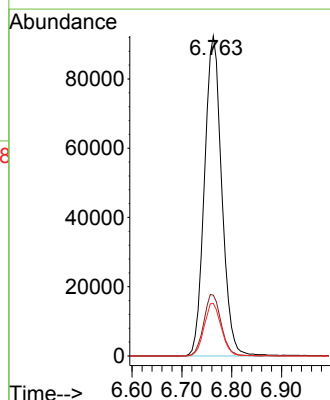
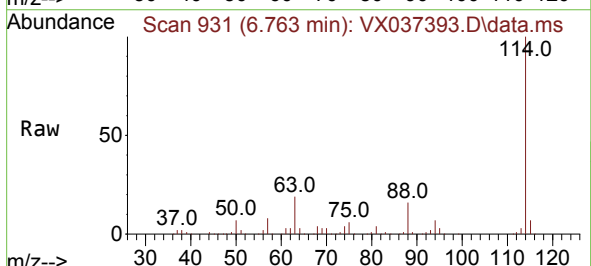
Tgt Ion: 114 Resp: 222440

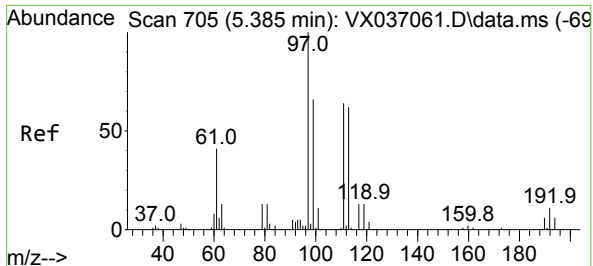
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.4 0.0 36.6

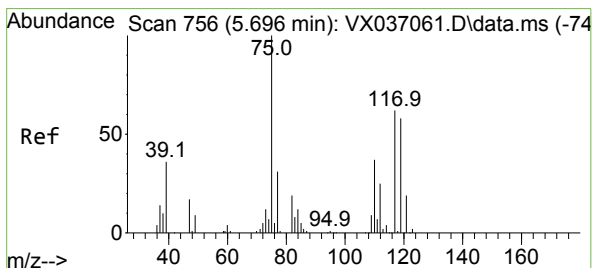
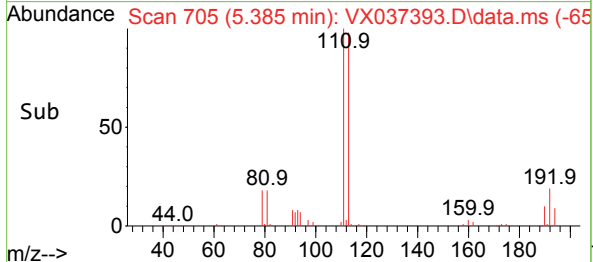
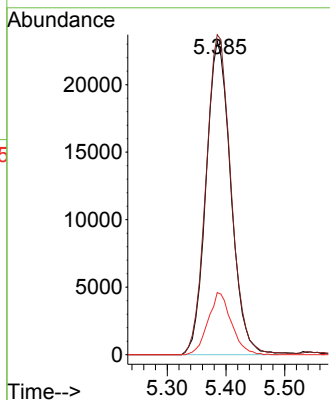
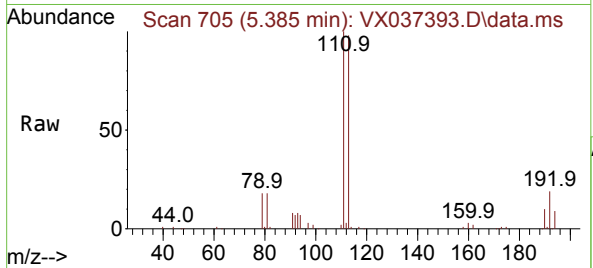




#35
Dibromofluoromethane
Concen: 46.048 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

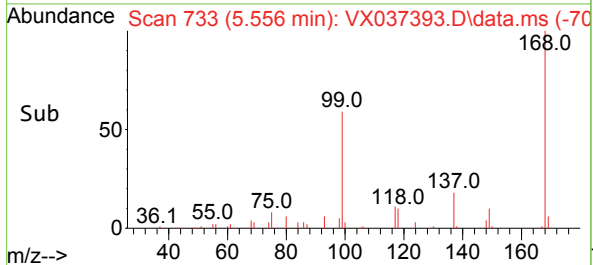
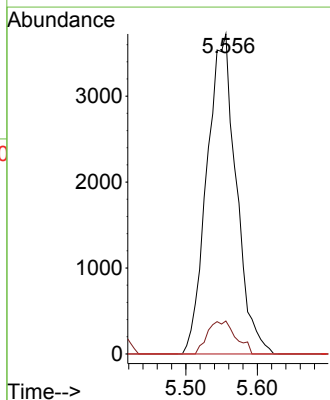
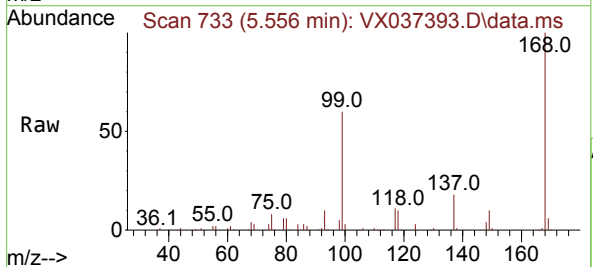
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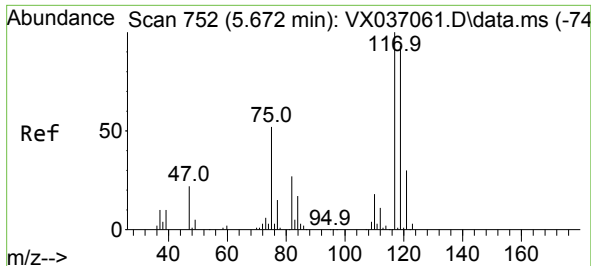
Tgt Ion:	113	Resp:	67837
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	18.7	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.048 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

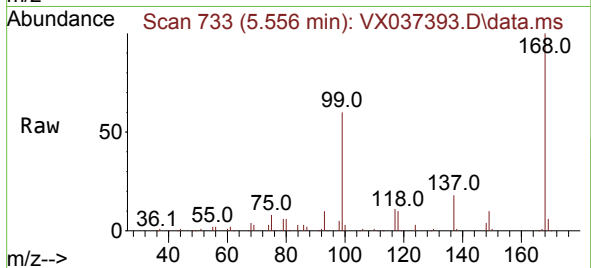
Tgt Ion:	75	Resp:	10566
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.0	50.9#
77	0.0	24.7	37.1#



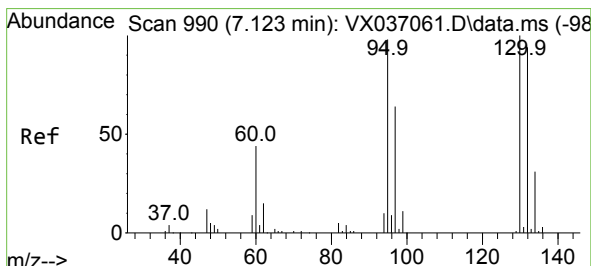
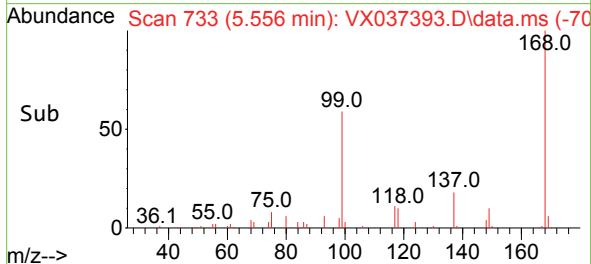
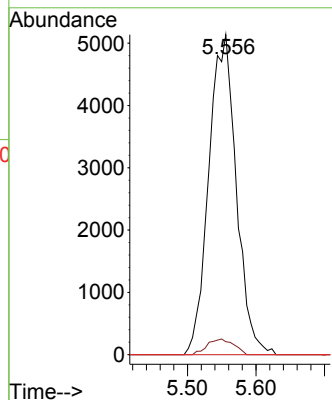


#38
Carbon Tetrachloride
Concen: 6.305 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Instrument :
MSVOA_X
ClientSampleId :
MW-02-9-082923-FD

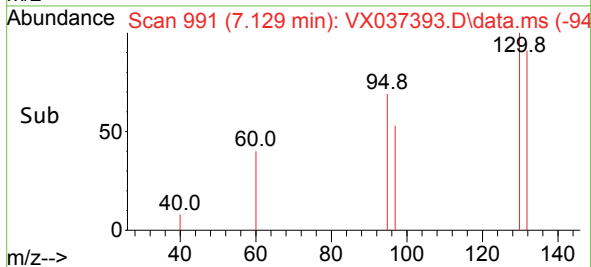
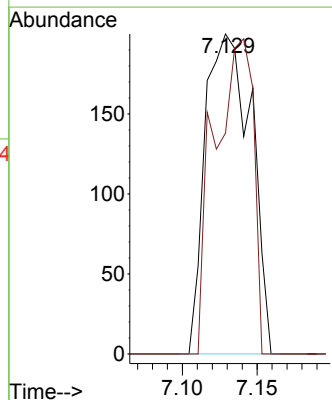
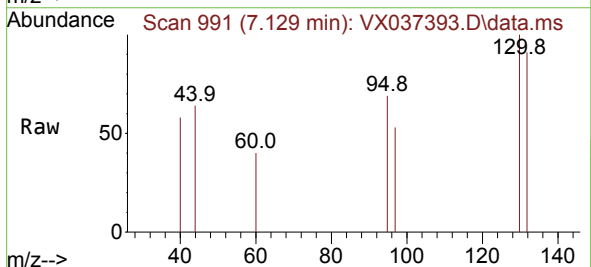


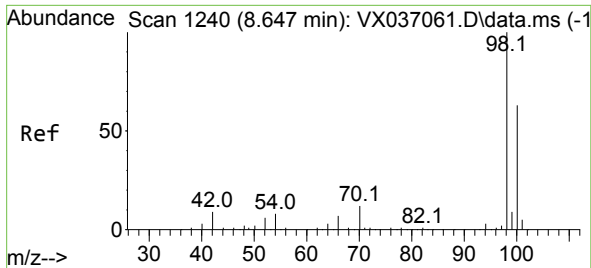
Tgt Ion:117 Resp: 14334
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.250 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Tgt Ion:130 Resp: 426
Ion Ratio Lower Upper
130 100
95 69.0 0.0 204.4

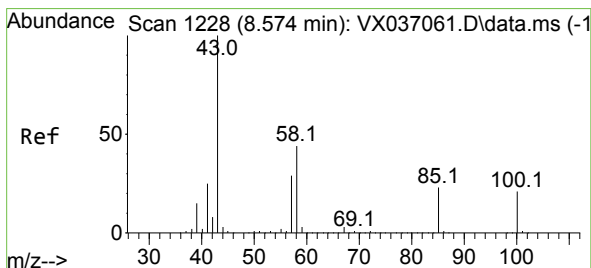
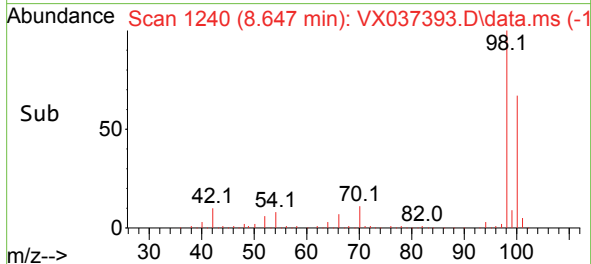
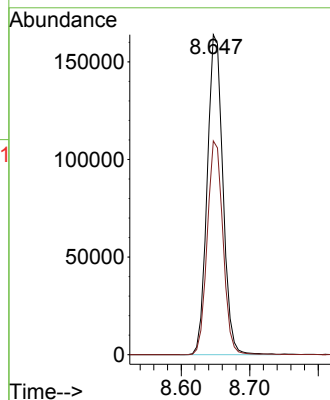
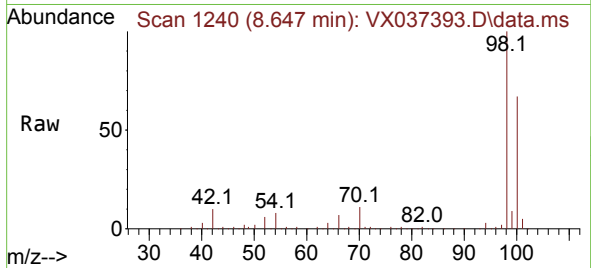




#50
Toluene-d8
Concen: 48.788 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

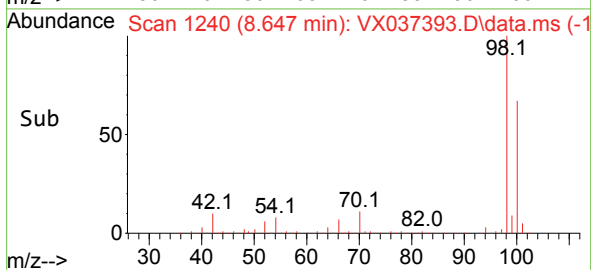
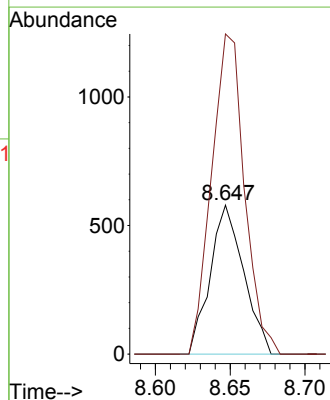
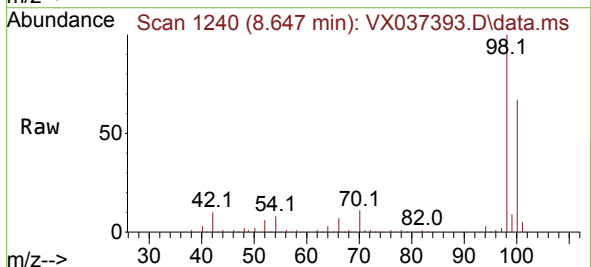
Instrument :
MSVOA_X
ClientSampleId :
MW-02-9-082923-FD

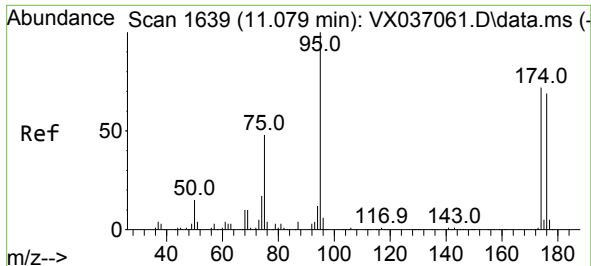
Tgt Ion: 98 Resp: 260712
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 211.9 30.4 45.6#

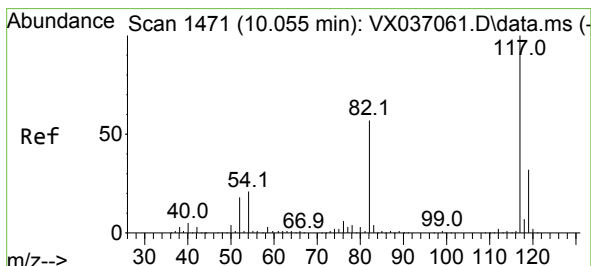
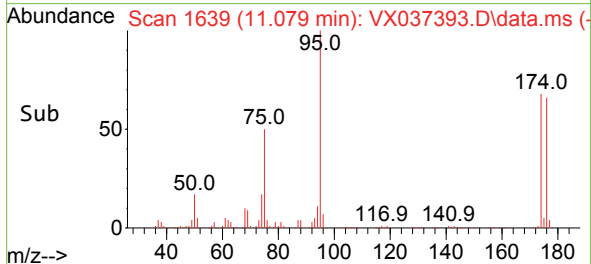
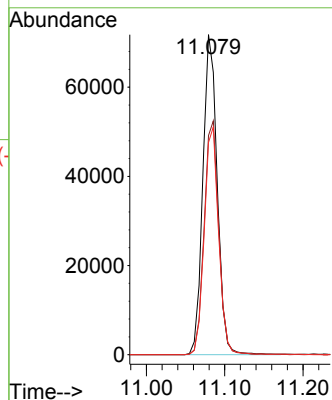
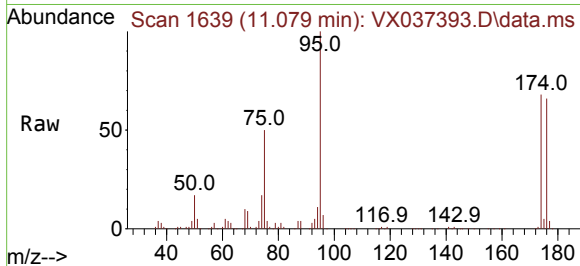




#62
4-Bromofluorobenzene
Concen: 43.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

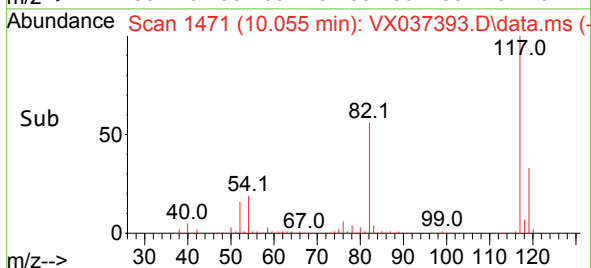
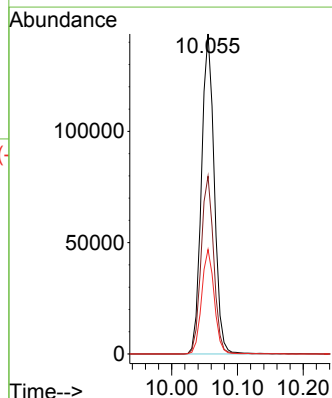
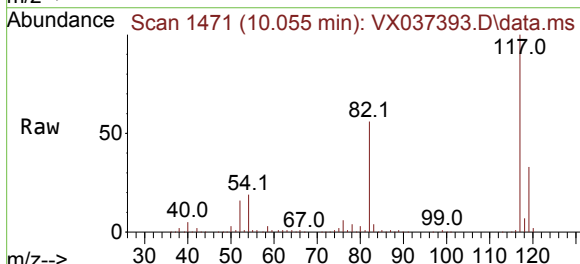
Instrument :
MSVOA_X
ClientSampleId :
MW-02-9-082923-FD

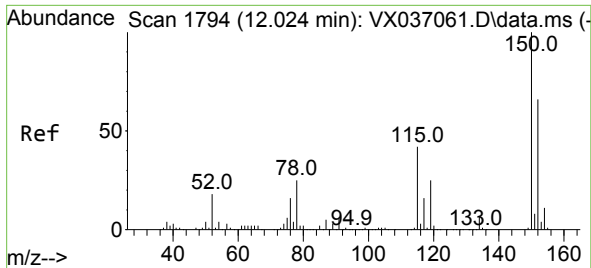
Tgt Ion: 95 Resp: 91305
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037393.D
Acq: 30 Aug 2023 16:54

Tgt Ion: 117 Resp: 194766
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.7 25.5 38.3

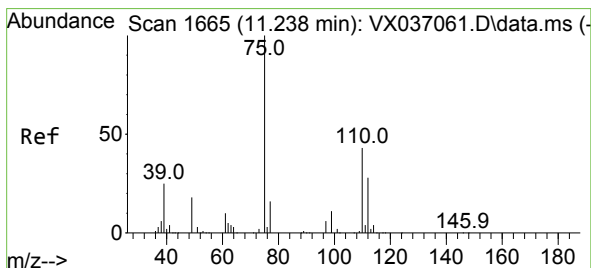
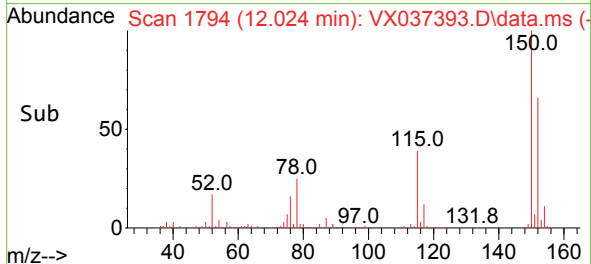
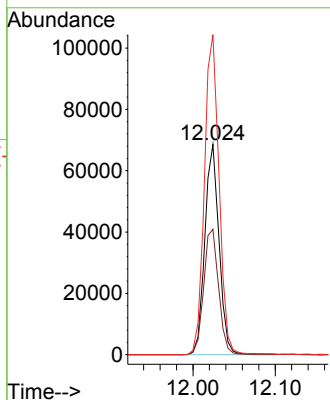
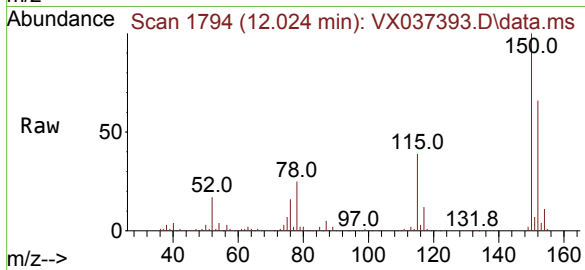




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037393.D
 Acq: 30 Aug 2023 16:54

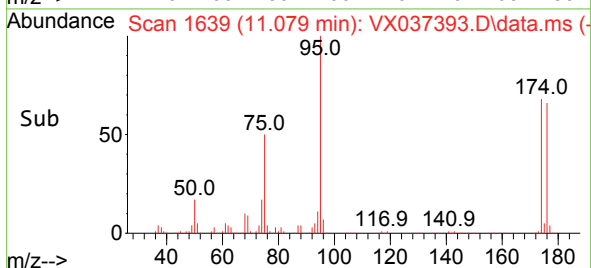
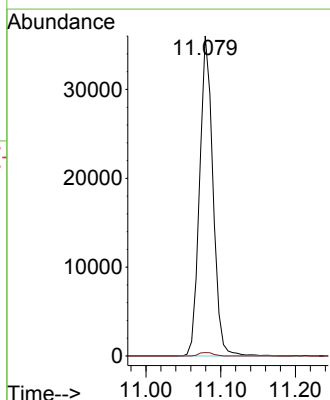
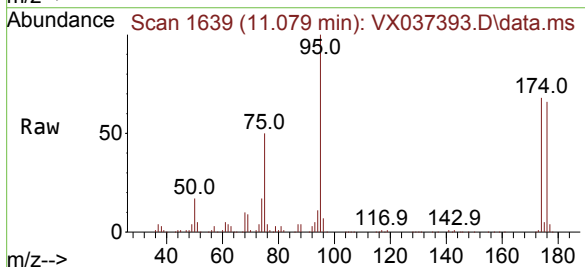
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02-9-082923-FD

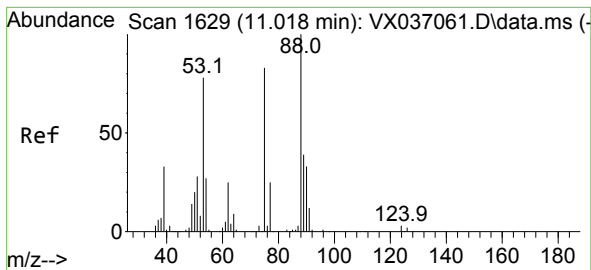
Tgt Ion:152 Resp: 82637
 Ion Ratio Lower Upper
 152 100
 115 62.4 43.3 129.9
 150 156.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.430 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037393.D
 Acq: 30 Aug 2023 16:54

Tgt Ion: 75 Resp: 44754
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.027 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037393.D
 Acq: 30 Aug 2023 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02-9-082923-FD

Tgt Ion: 75 Resp: 44754
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

