

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037480.D
 Acq On : 02 Sep 2023 14:04
 Operator : JC/MD
 Sample : 04252-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04-12-083023

Quant Time: Sep 04 04:27:14 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)

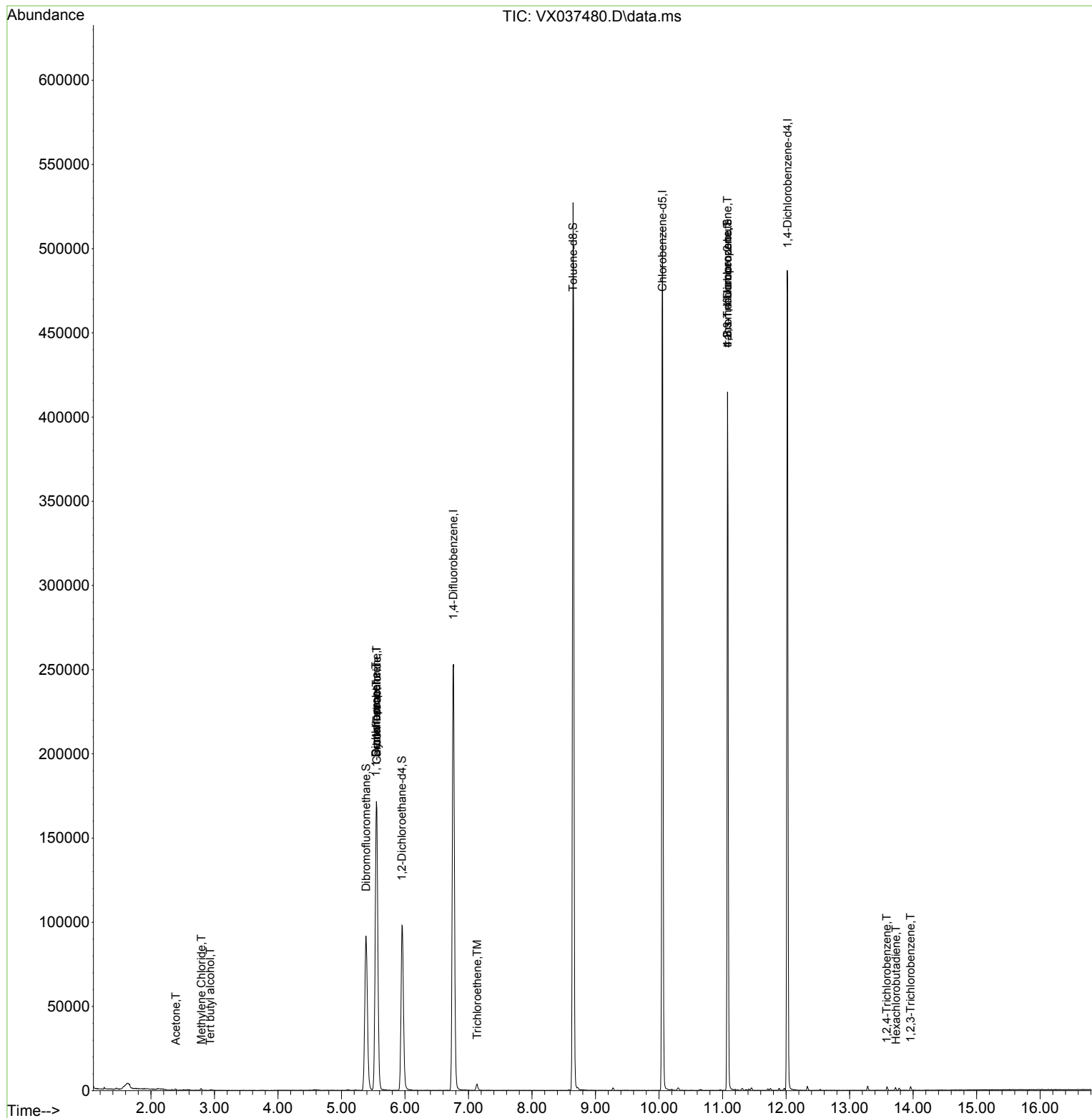
Internal Standards						
1) Pentafluorobenzene	5.550	168	163041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	274015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98237	41.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.580%
35) Dibromofluoromethane	5.385	113	82818	45.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.280%
50) Toluene-d8	8.647	98	319061	48.469	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	114414	44.228	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	193	0.350	ug/l #	78
16) Acetone	2.392	43	779	0.847	ug/l	97
20) Methylene Chloride	2.794	84	554	0.269	ug/l #	73
31) Cyclohexane	5.550	56	3094	1.171	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12401	4.810	ug/l #	51
38) Carbon Tetrachloride	5.556	117	16886	6.029	ug/l #	14
44) Trichloroethene	7.135	130	1598	0.762	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	55331	24.335	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55331	67.969	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	748	0.368	ug/l	89
94) Hexachlorobutadiene	13.731	225	366	0.466	ug/l	83
96) 1,2,3-Trichlorobenzene	13.963	180	762	0.377	ug/l	92

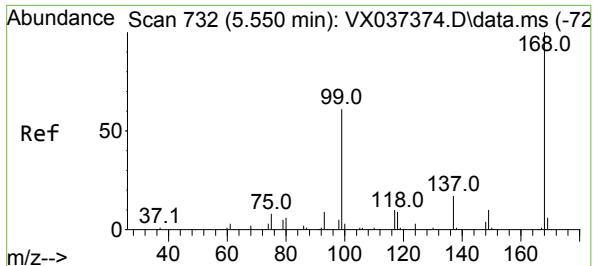
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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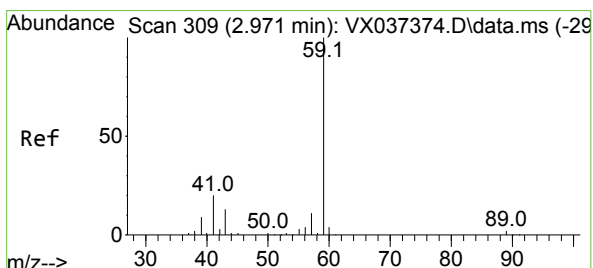
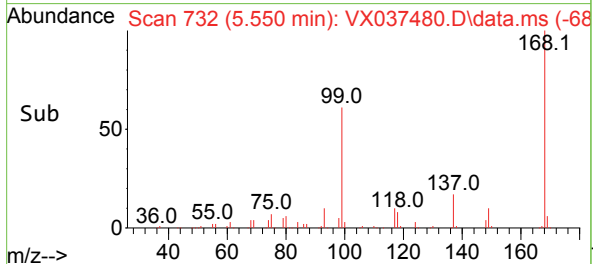
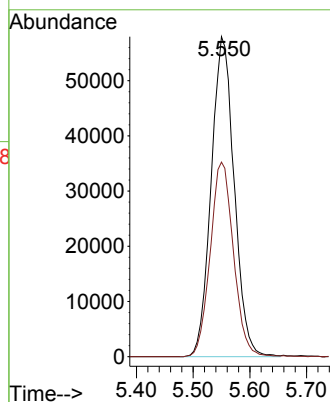
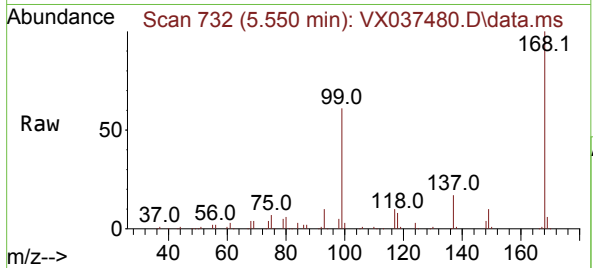




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

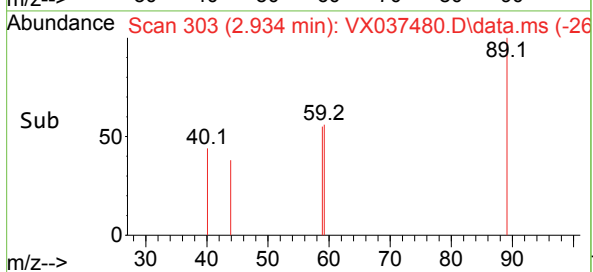
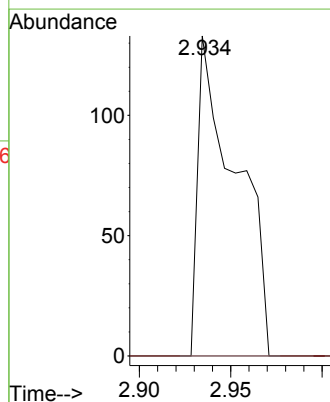
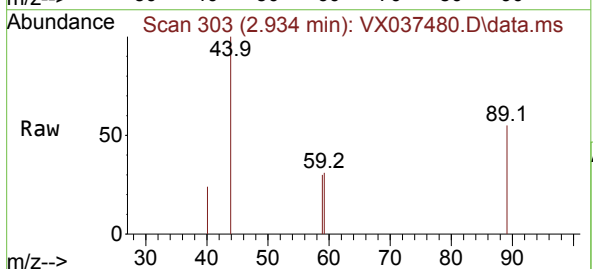
Instrument :
MSVOA_X
ClientSampleId :
MW-04-12-083023

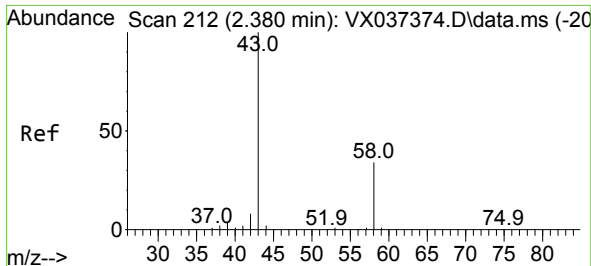
Tgt Ion:168 Resp: 163041
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.350 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.043 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

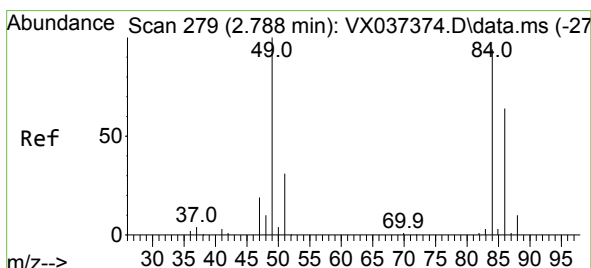
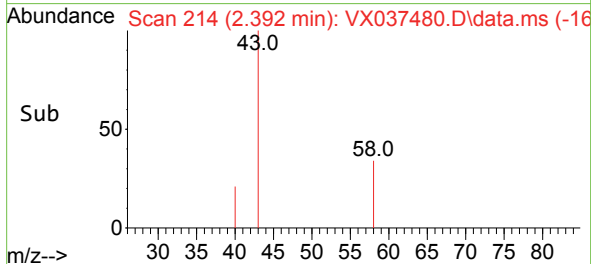
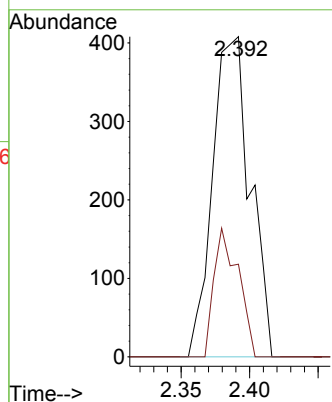
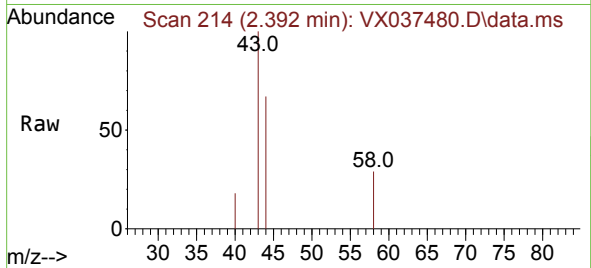




#16
Acetone
Concen: 0.847 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

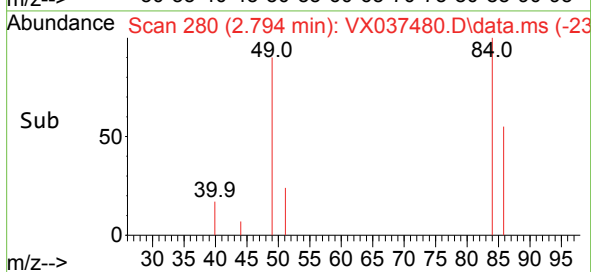
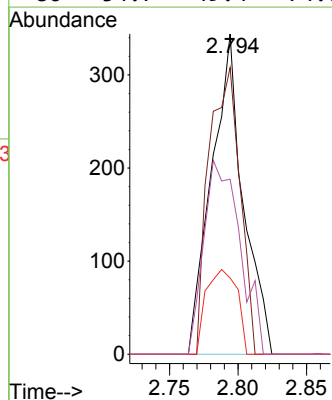
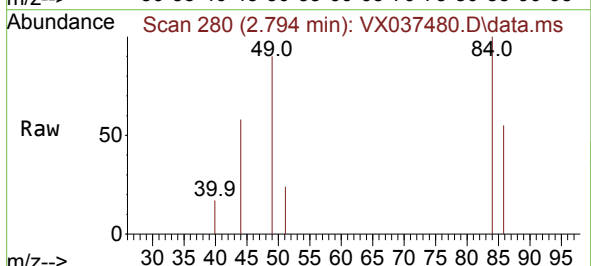
Instrument :
MSVOA_X
ClientSampleId :
MW-04-12-083023

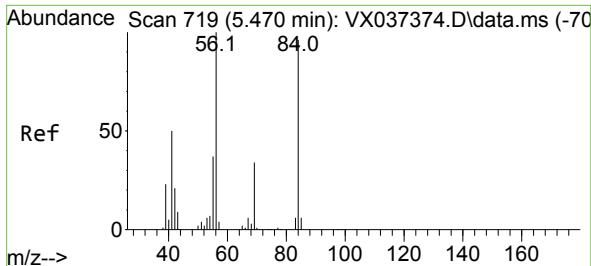
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.269 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

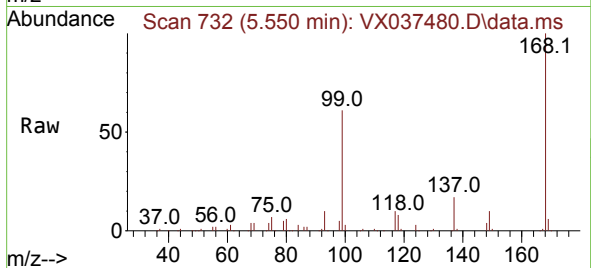
Tgt Ion: 84 Resp: 554
Ion Ratio Lower Upper
84 100
49 89.5 103.6 155.4#
51 23.8 33.8 50.6#
86 54.7 49.4 74.0



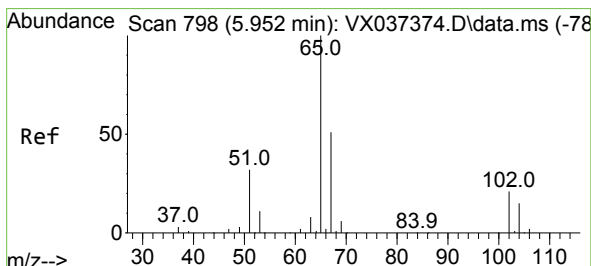
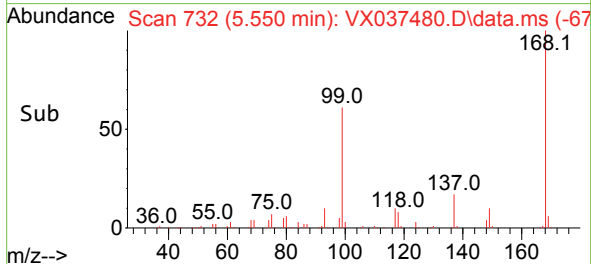
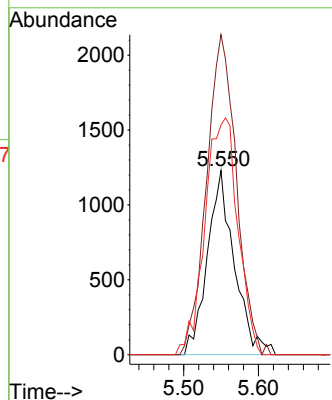


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Instrument :
MSVOA_X
ClientSampleId :
MW-04-12-083023

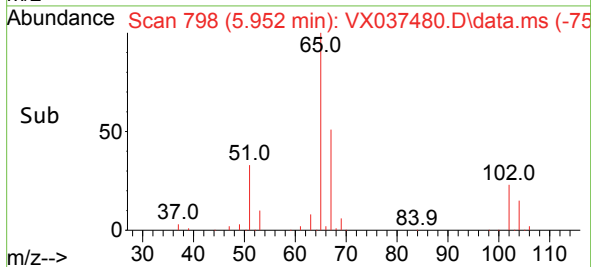
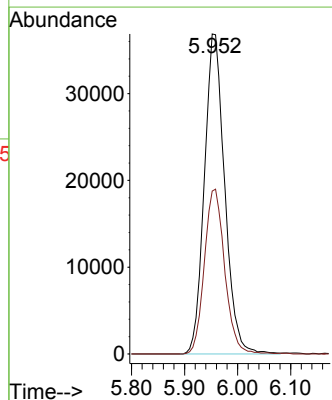
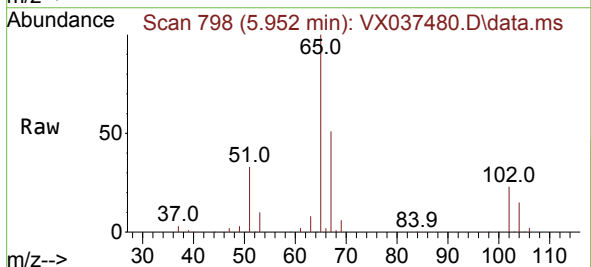


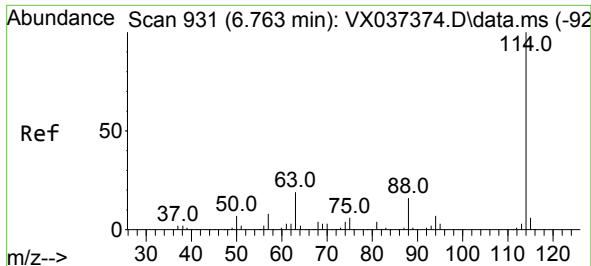
Tgt Ion: 56 Resp: 3094
Ion Ratio Lower Upper
56 100
69 173.7 23.4 35.2#
84 124.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.794 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Tgt Ion: 65 Resp: 98237
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

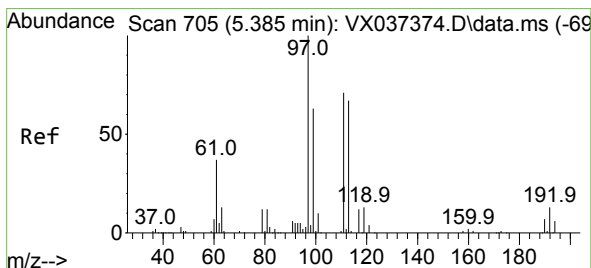
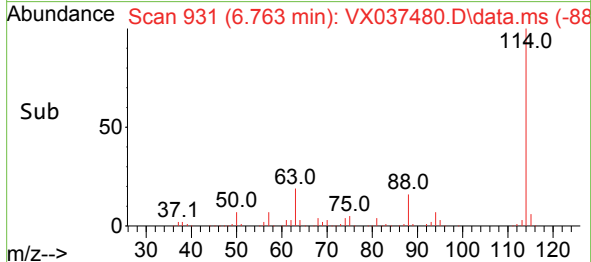
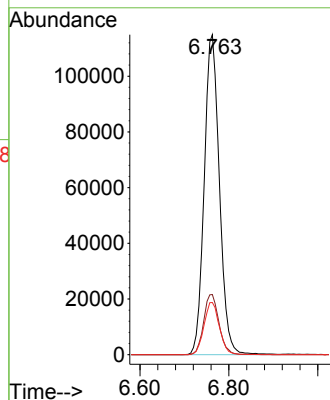
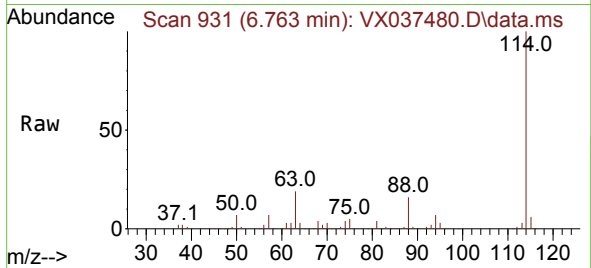




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

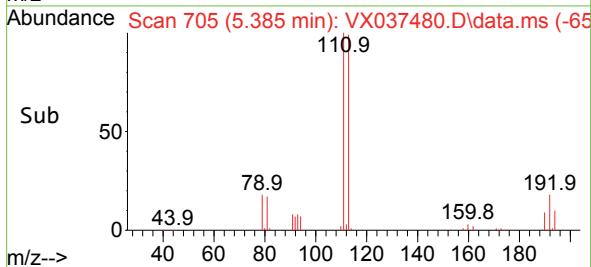
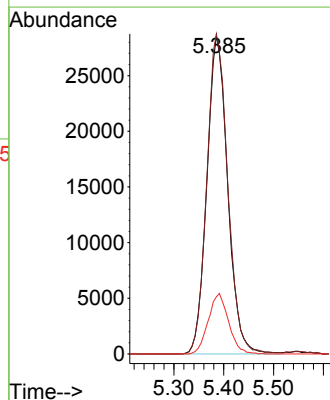
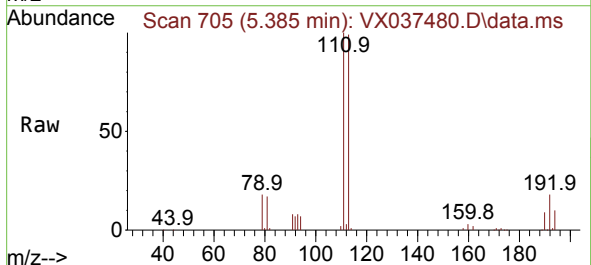
Instrument :
MSVOA_X
ClientSampleId :
MW-04-12-083023

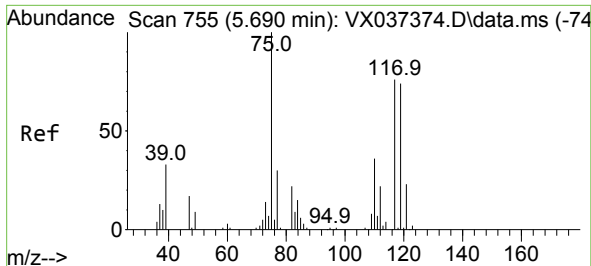
Tgt Ion:114 Resp: 274015
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.636 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Tgt Ion:113 Resp: 82818
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.6 13.3 19.9

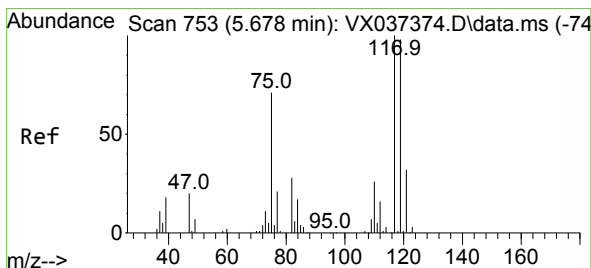
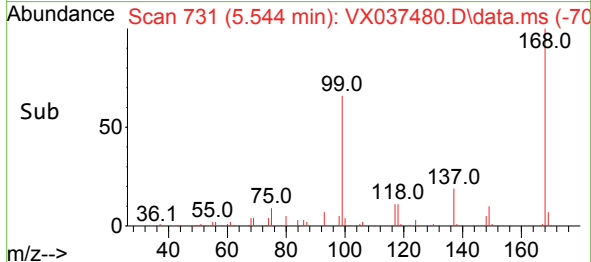
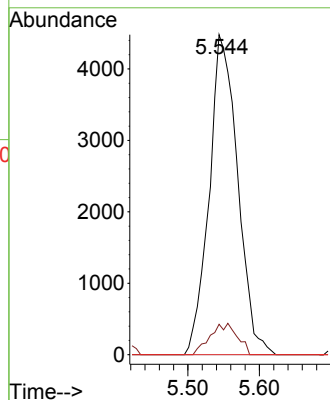
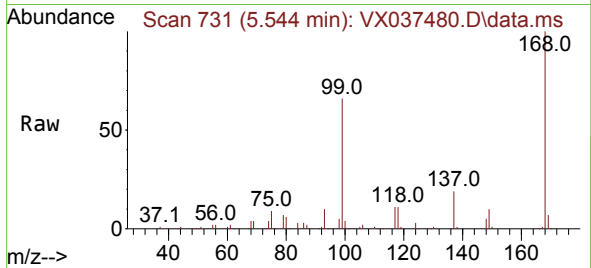




#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.544 min Scan# 713
Delta R.T. -0.152 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

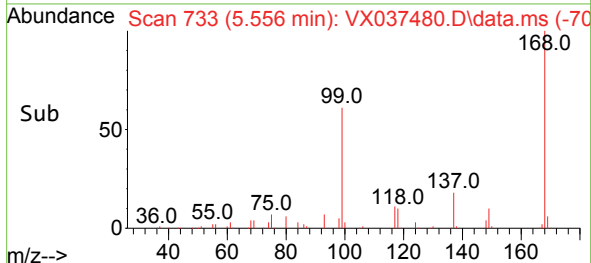
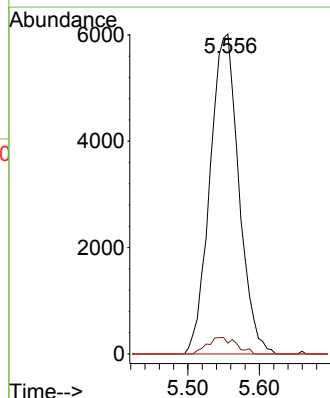
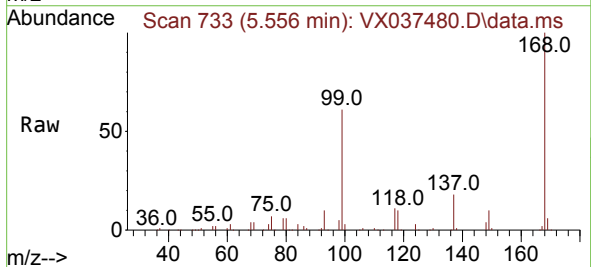
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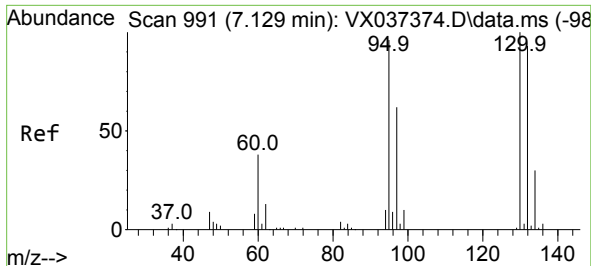
Tgt Ion: 75 Resp: 12401
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Tgt Ion: 117 Resp: 16886
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.2#
121 0.0 24.4 36.6#

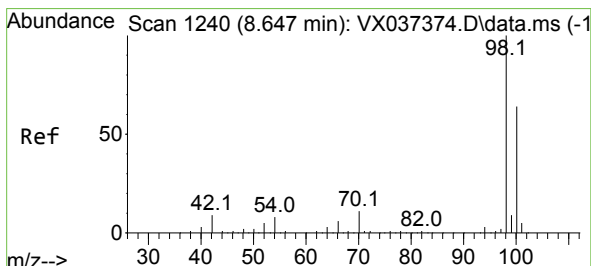
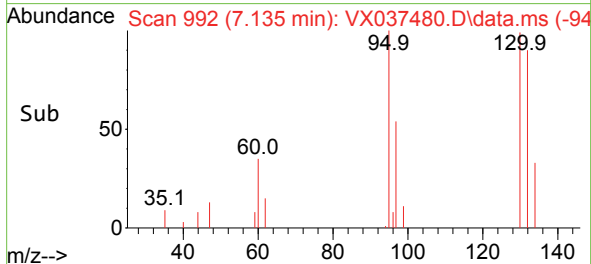
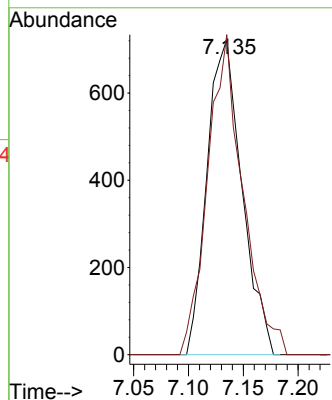
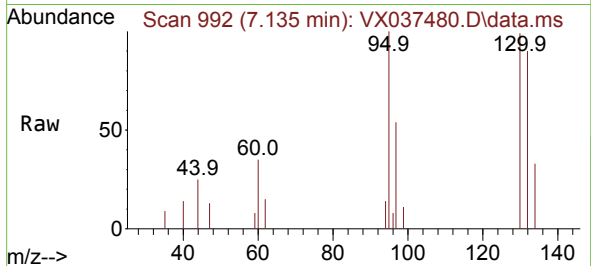




#44
Trichloroethene
Concen: 0.762 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

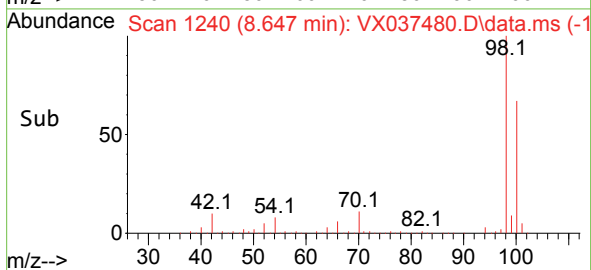
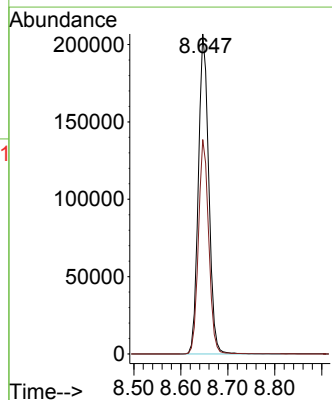
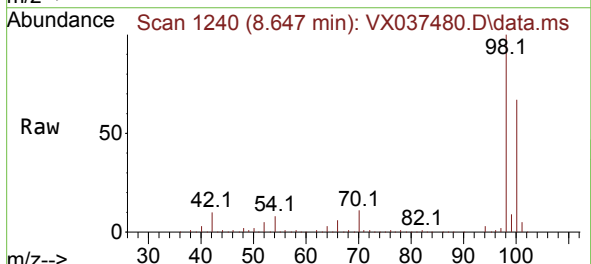
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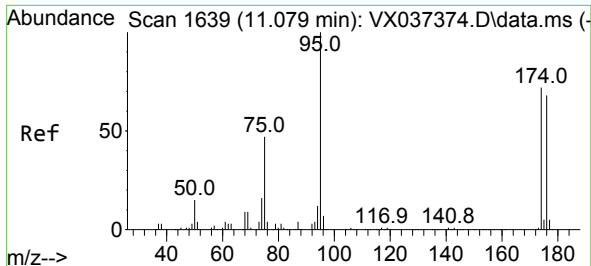
Tgt Ion:130 Resp: 1598
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.4



#50
Toluene-d8
Concen: 48.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Tgt Ion: 98 Resp: 319061
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

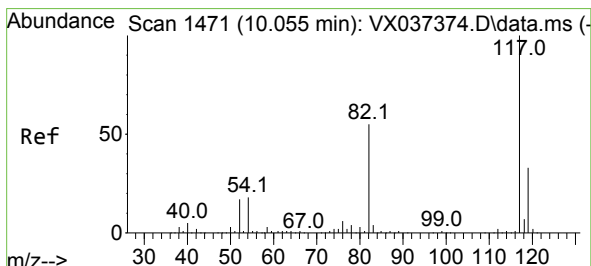
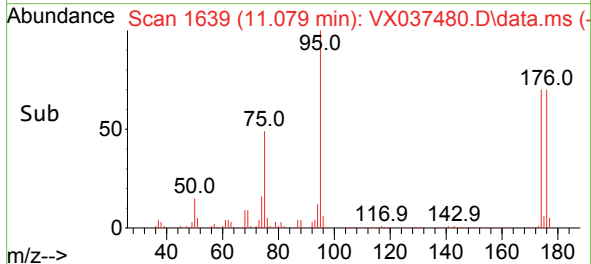
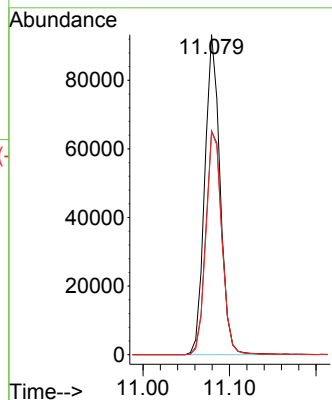
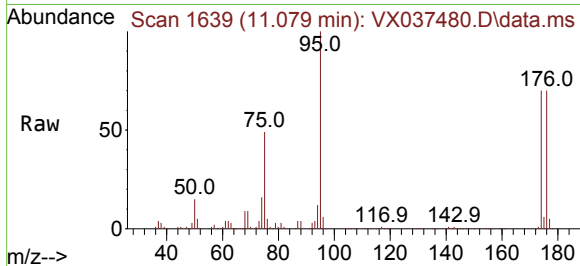




#62
4-Bromofluorobenzene
Concen: 44.228 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

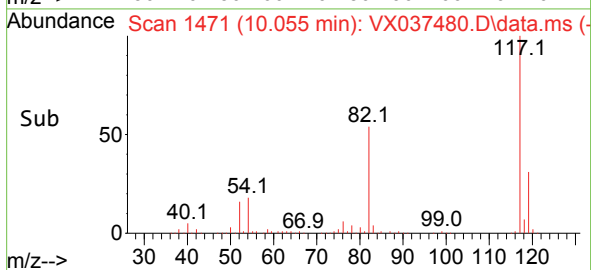
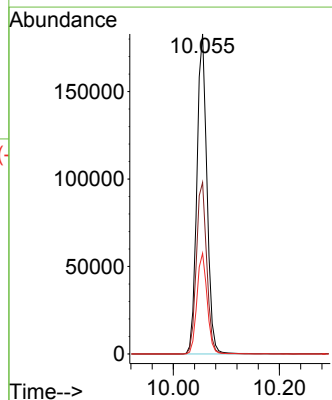
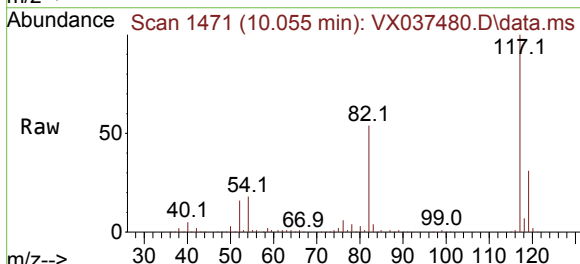
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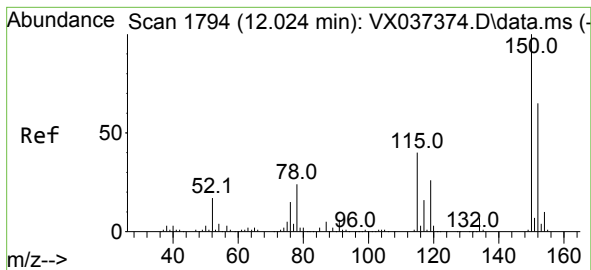
Tgt Ion: 95 Resp: 114414
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Tgt Ion: 117 Resp: 240625
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.5 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: VX037480.D

Acq: 02 Sep 2023 14:04

Instrument :

MSVOA_X

ClientSampleId :

MW-04-12-083023

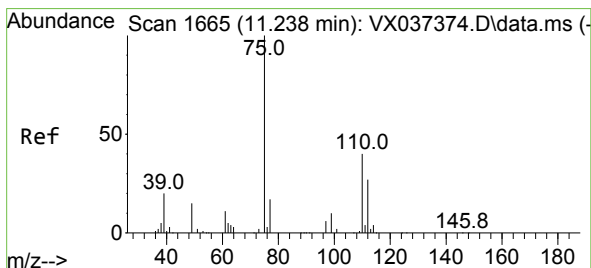
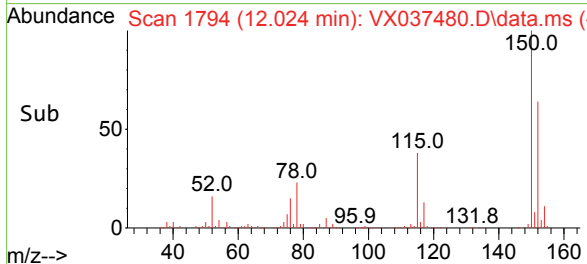
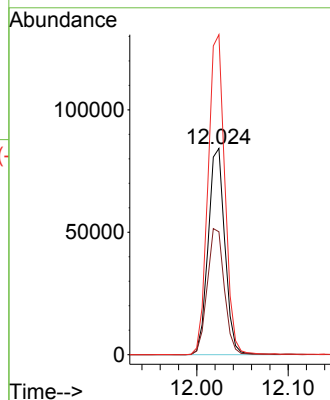
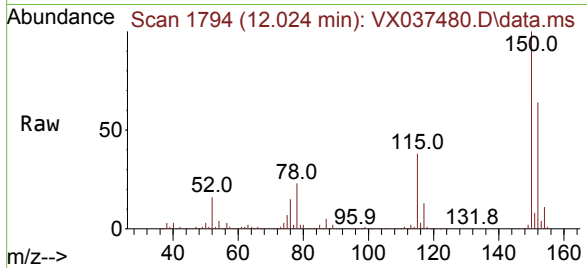
Tgt Ion:152 Resp: 106764

Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.335 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037480.D

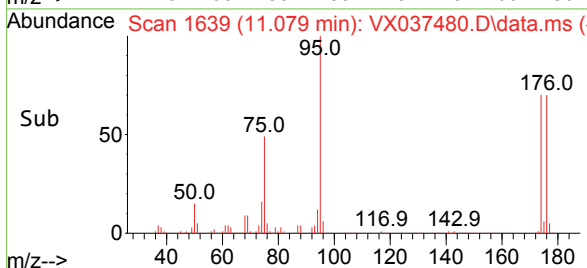
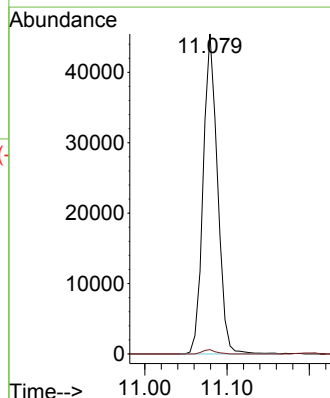
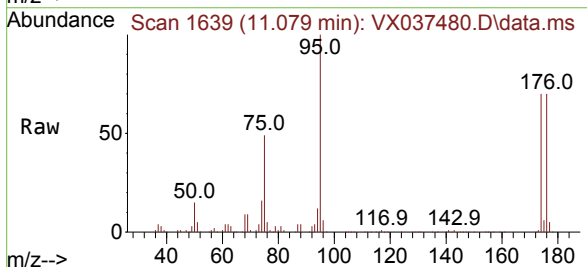
Acq: 02 Sep 2023 14:04

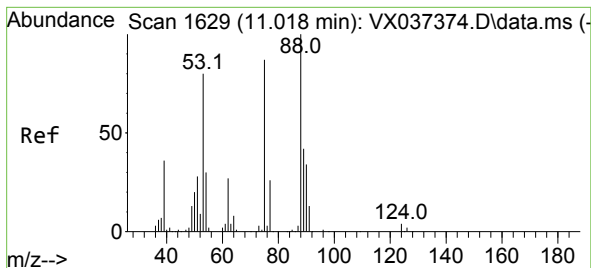
Tgt Ion: 75 Resp: 55331

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

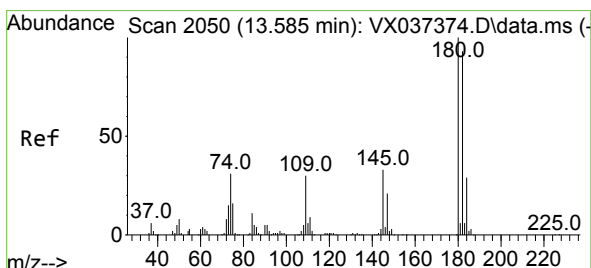
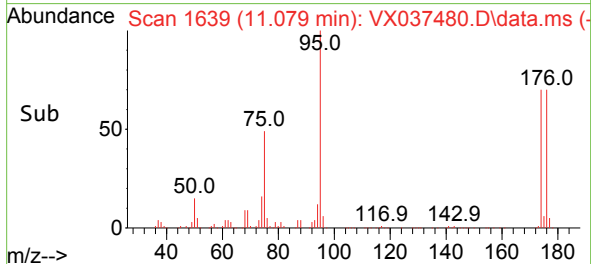
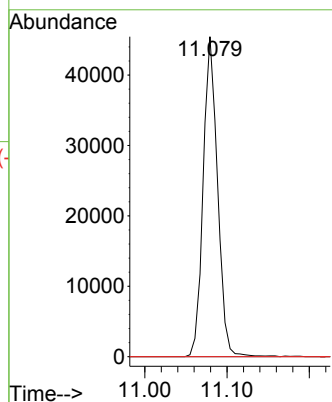
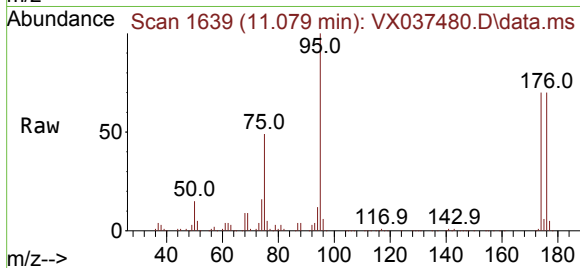




#81
trans-1,4-Dichloro-2-butene
Concen: 67.969 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

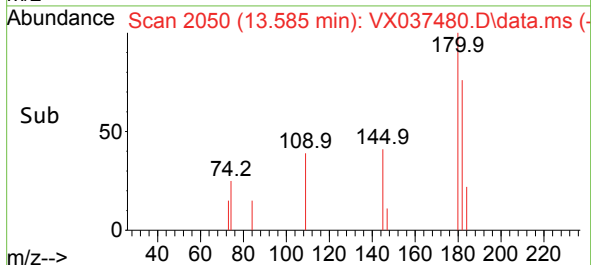
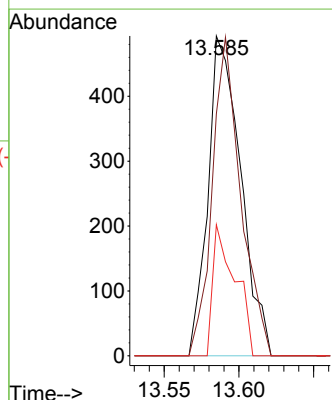
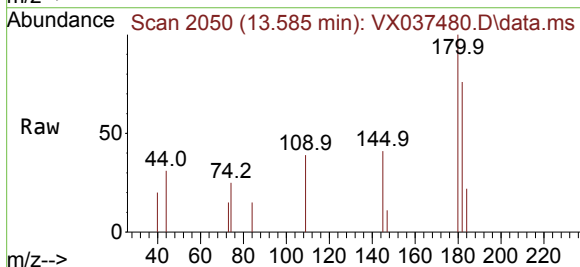
Instrument :
MSVOA_X
ClientSampleId :
MW-04-12-083023

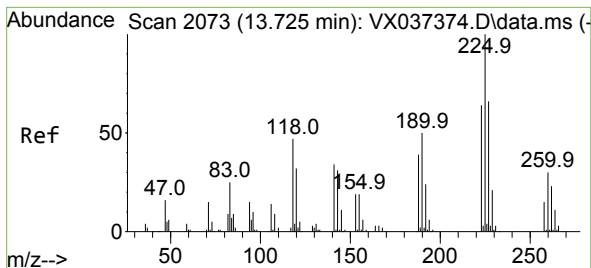
Tgt Ion: 75 Resp: 55331
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.368 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037480.D
Acq: 02 Sep 2023 14:04

Tgt Ion:180 Resp: 748
Ion Ratio Lower Upper
180 100
182 86.9 48.3 144.8
145 28.2 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.466 ug/l

RT: 13.731 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX037480.D

Acq: 02 Sep 2023 14:04

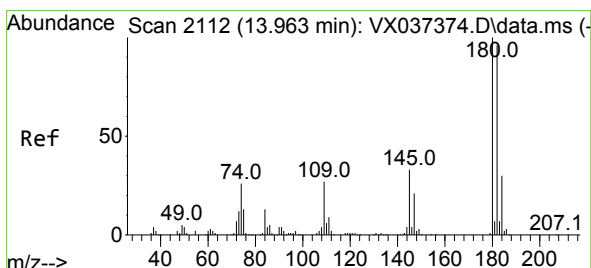
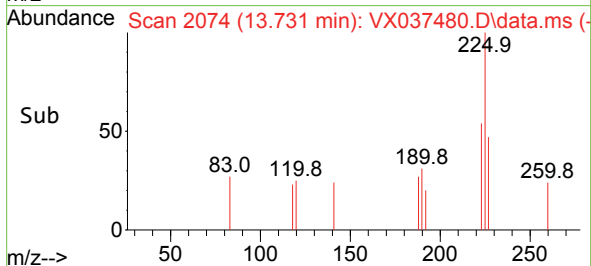
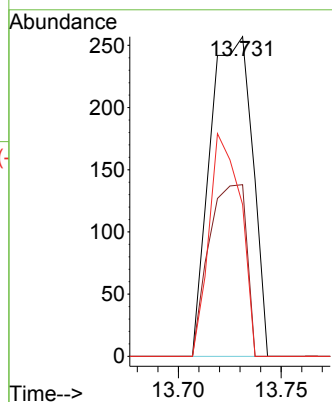
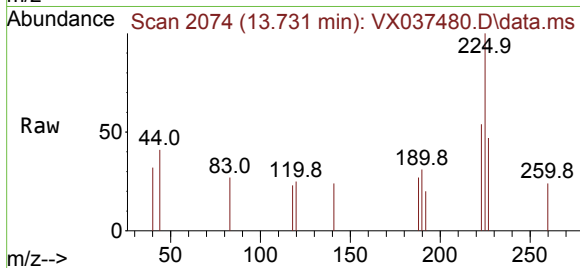
Instrument :

MSVOA_X

ClientSampleId :

MW-04-12-083023

Tgt Ion:225	Resp:	366
Ion Ratio	Lower	Upper
225	100	
223	47.8	31.1 93.2
227	52.2	32.5 97.5



#96

1,2,3-Trichlorobenzene

Concen: 0.377 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037480.D

Acq: 02 Sep 2023 14:04

Tgt Ion:180	Resp:	762
Ion Ratio	Lower	Upper
180	100	
182	86.1	46.9 140.6
145	30.6	17.8 53.5

