

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
 Data File : VX037549.D
 Acq On : 06 Sep 2023 12:57
 Operator : JC/MD
 Sample : 04220-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW5DL

Quant Time: Sep 06 22:45:23 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)

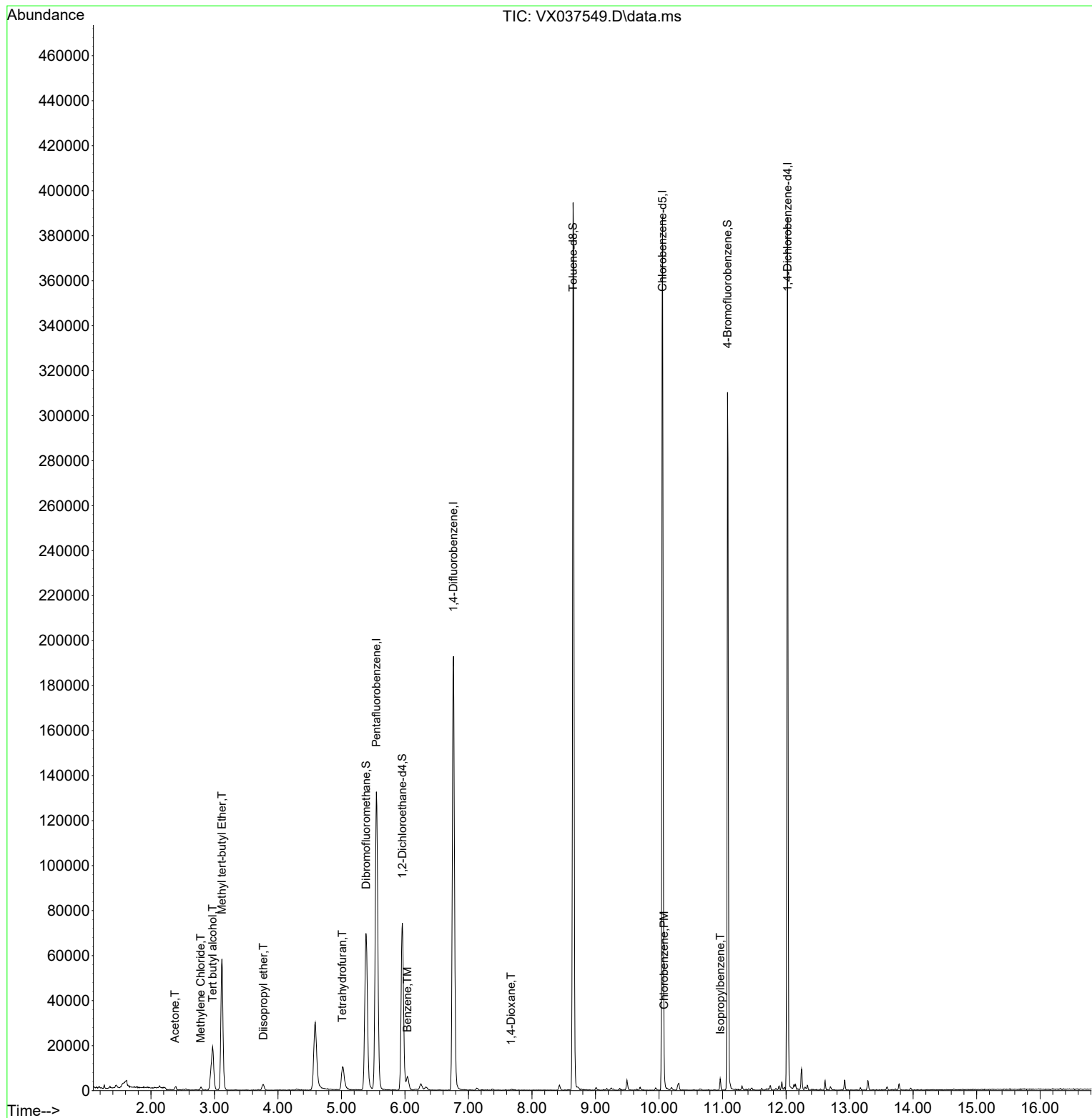
Internal Standards						
1) Pentafluorobenzene	5.550	168	129146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73362	39.402	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	78.800%
35) Dibromofluoromethane	5.385	113	64549	46.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	8.647	98	245195	48.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.079	95	88973	45.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	25684	58.807	ug/l	96
16) Acetone	2.380	43	1297	1.781	ug/l #	60
19) Methyl tert-butyl Ether	3.117	73	70351	13.953	ug/l	97
20) Methylene Chloride	2.782	84	872	0.535	ug/l #	77
22) Diisopropyl ether	3.770	45	2644	0.626	ug/l #	68
29) Tetrahydrofuran	5.013	42	10187	14.565	ug/l #	86
40) Benzene	6.038	78	7484	1.324	ug/l	97
49) 1,4-Dioxane	7.671	88	470	11.200	ug/l #	73
65) Chlorobenzene	10.079	112	2145	0.539	ug/l	91
73) Isopropylbenzene	10.963	105	2768	0.455	ug/l	96

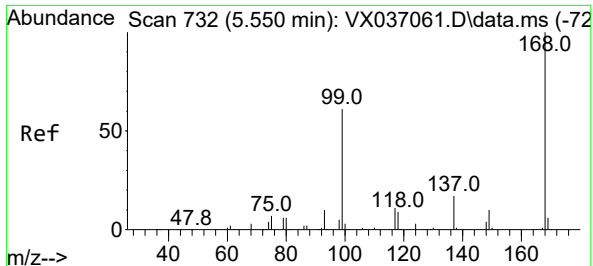
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090623\
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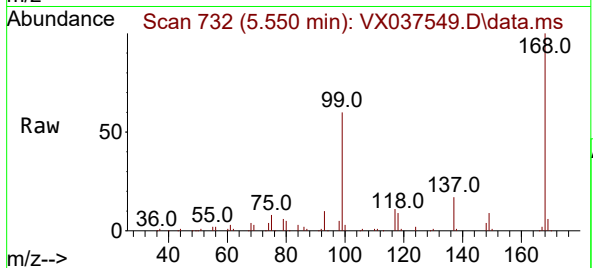
Quant Time: Sep 06 22:45:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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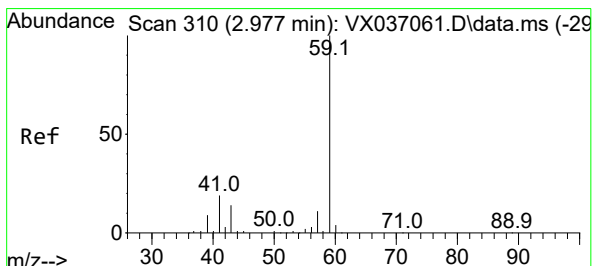
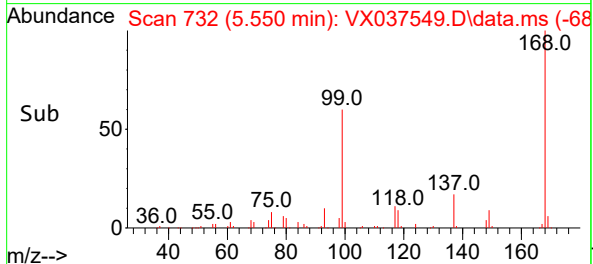
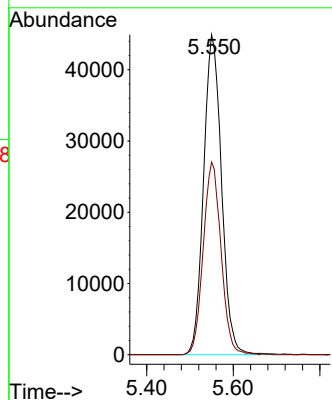


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Instrument :
MSVOA_X
ClientSampleId :
MW5DL

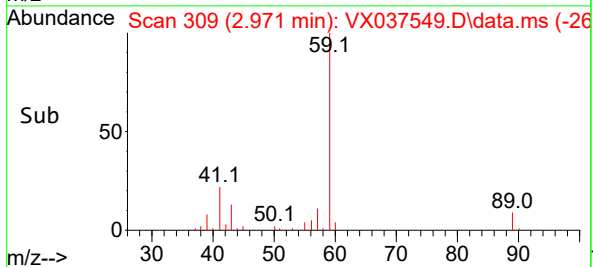
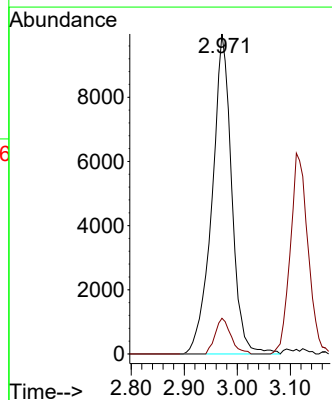
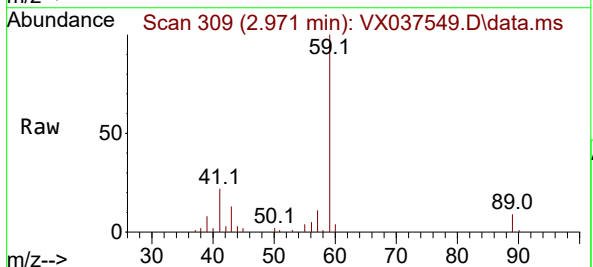


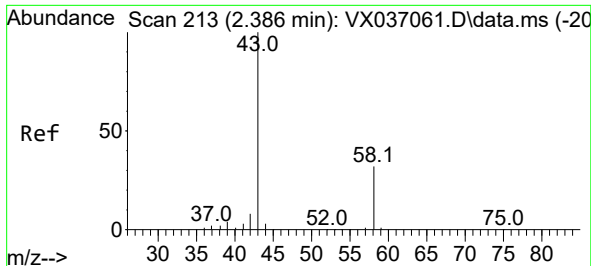
Tgt Ion:168 Resp: 129146
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 58.807 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Tgt Ion: 59 Resp: 25684
Ion Ratio Lower Upper
59 100
57 8.9 6.0 9.0





#16

Acetone

Concen: 1.781 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX037549.D

Acq: 06 Sep 2023 12:57

Instrument :

MSVOA_X

ClientSampleId :

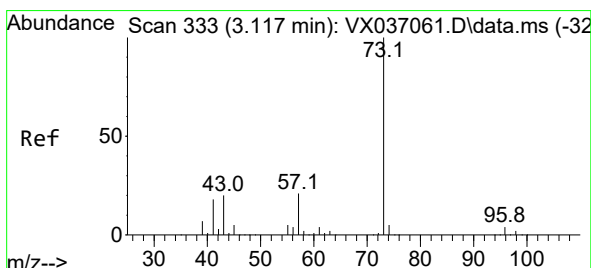
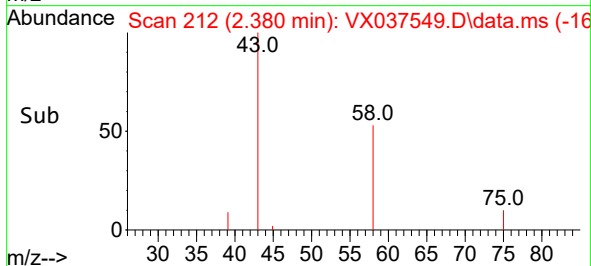
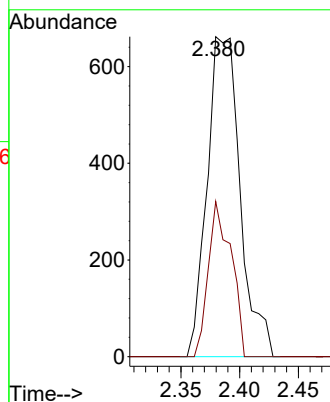
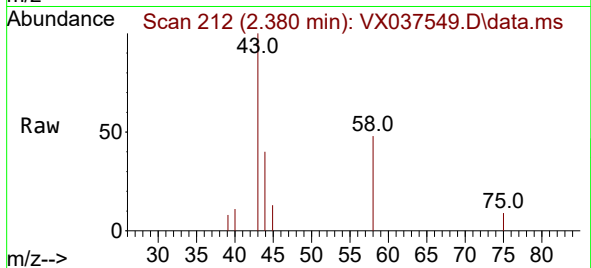
MW5DL

Tgt Ion: 43 Resp: 1297

Ion Ratio Lower Upper

43 100

58 48.5 21.9 32.9#



#19

Methyl tert-butyl Ether

Concen: 13.953 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX037549.D

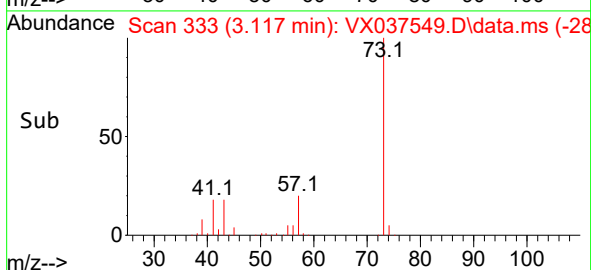
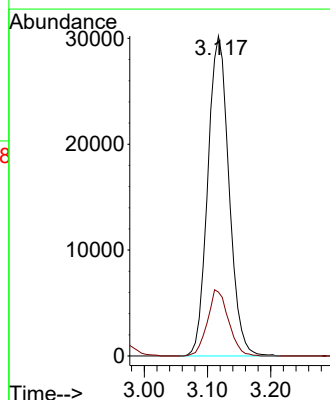
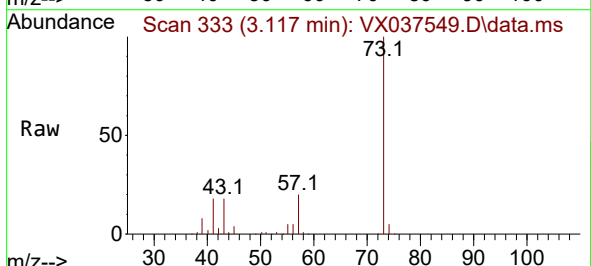
Acq: 06 Sep 2023 12:57

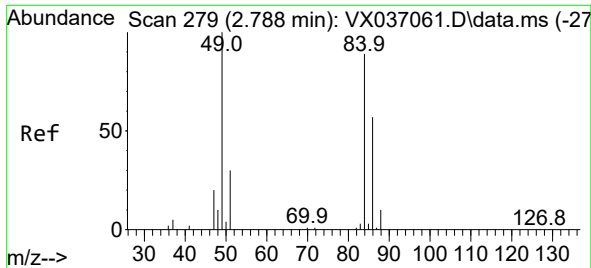
Tgt Ion: 73 Resp: 70351

Ion Ratio Lower Upper

73 100

57 19.9 17.3 25.9

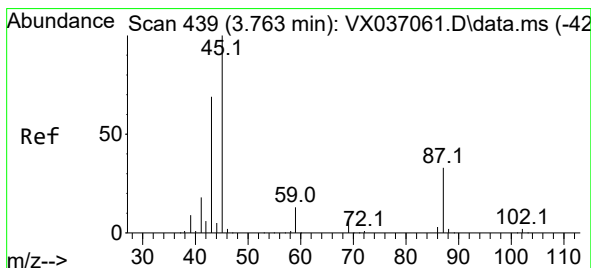
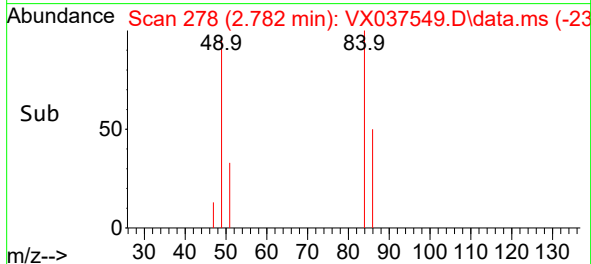
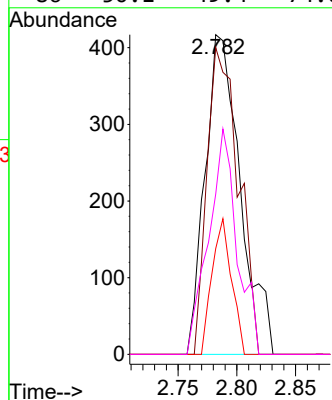
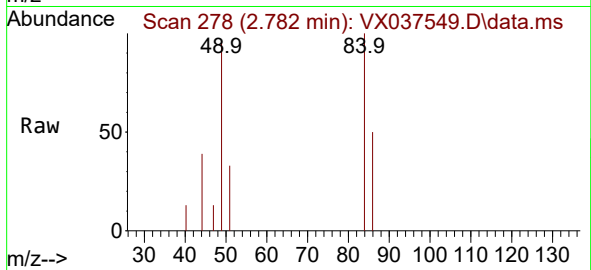




#20
Methylene Chloride
Concen: 0.535 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

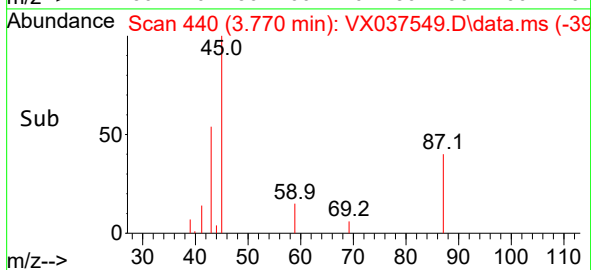
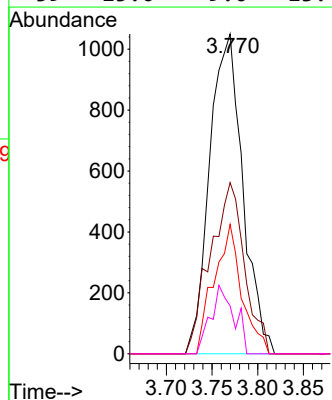
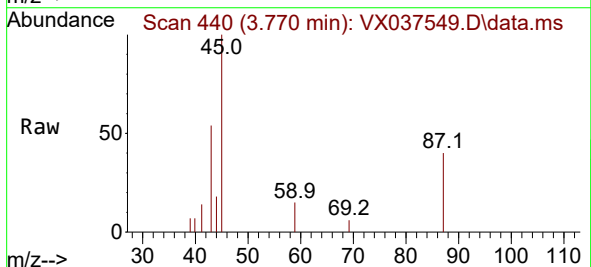
Instrument :
MSVOA_X
ClientSampleId :
MW5DL

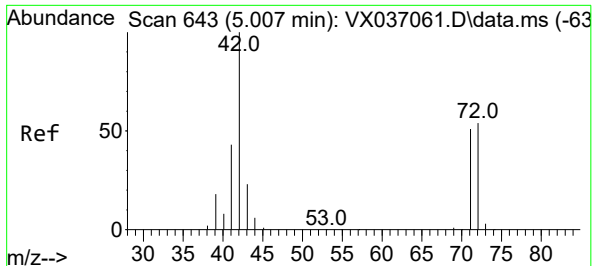
Tgt Ion:	84	Resp:	872
Ion	Ratio	Lower	Upper
84	100		
49	95.9	103.6	155.4#
51	33.1	33.8	50.6#
86	50.1	49.4	74.0



#22
Diisopropyl ether
Concen: 0.626 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Tgt Ion:	45	Resp:	2644
Ion	Ratio	Lower	Upper
45	100		
43	53.5	69.7	104.5#
87	40.5	20.8	31.2#
59	15.0	9.0	13.4#





#29

Tetrahydrofuran

Concen: 14.565 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX037549.D

Acq: 06 Sep 2023 12:57

Instrument :

MSVOA_X

ClientSampleId :

MW5DL

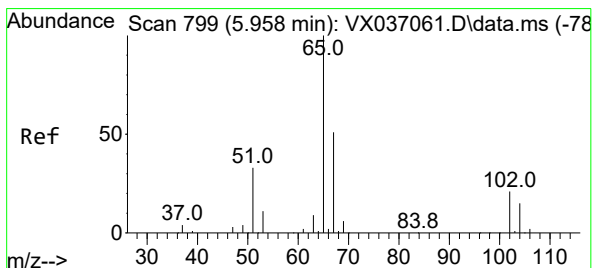
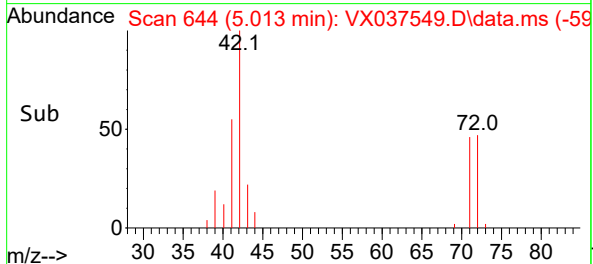
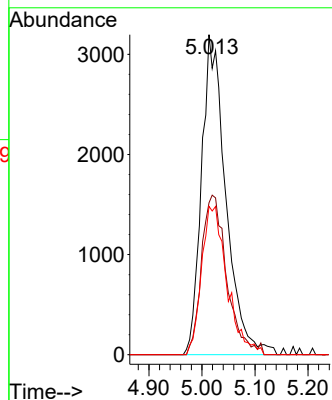
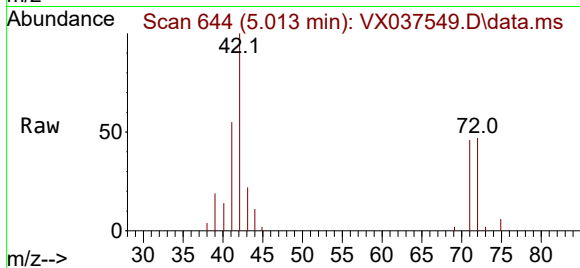
Tgt Ion: 42 Resp: 10187

Ion Ratio Lower Upper

42 100

72 51.7 34.2 51.4#

71 48.5 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 39.402 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037549.D

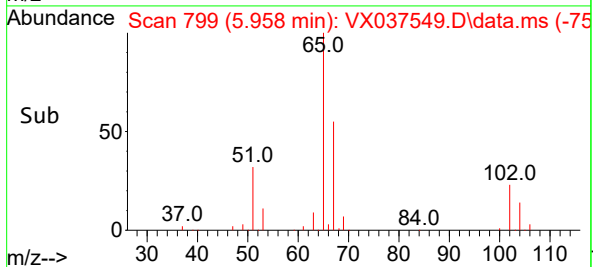
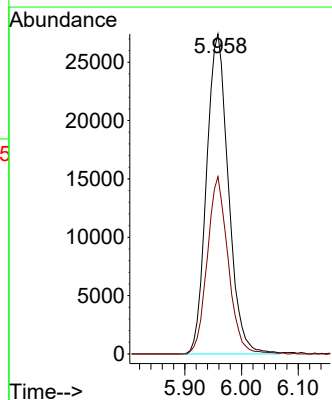
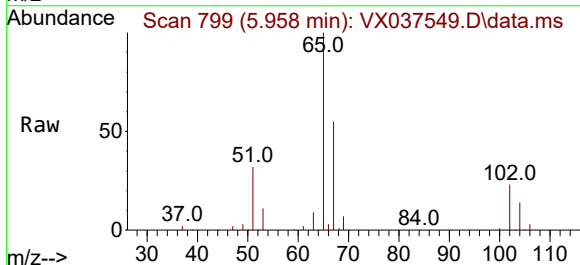
Acq: 06 Sep 2023 12:57

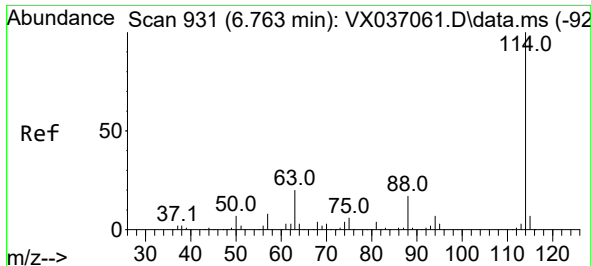
Tgt Ion: 65 Resp: 73362

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2

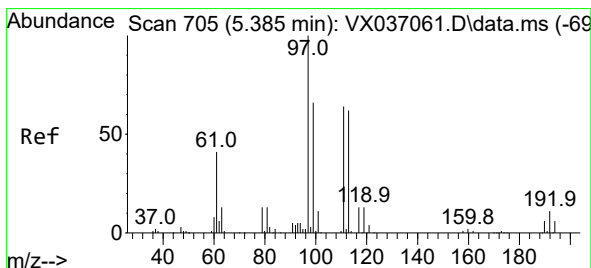
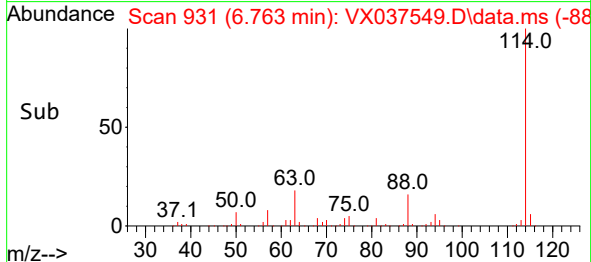
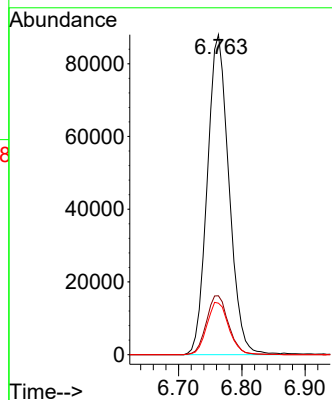
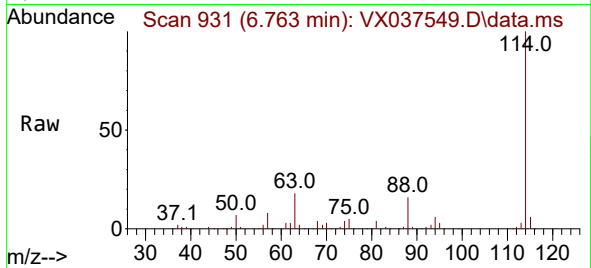




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

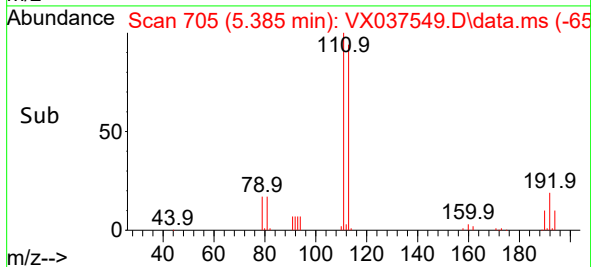
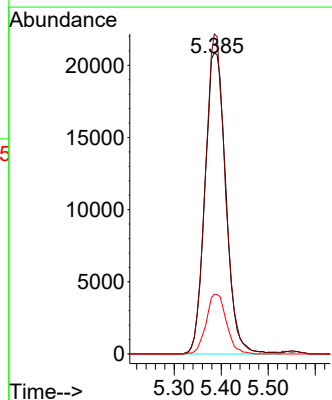
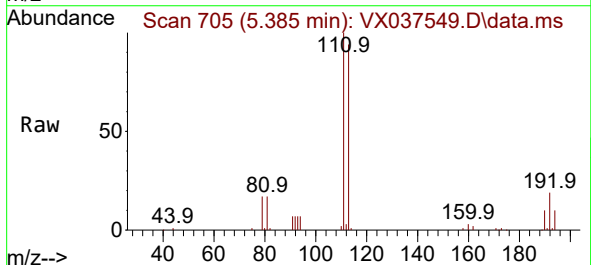
Instrument :
MSVOA_X
ClientSampleId :
MW5DL

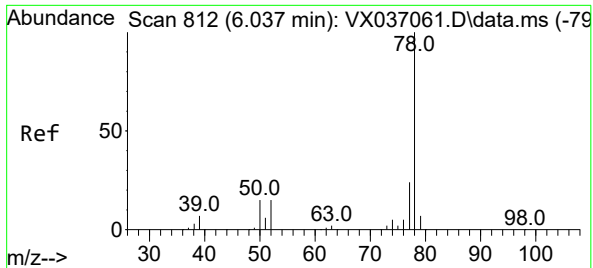
Tgt Ion:114 Resp: 209389
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.547 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Tgt Ion:113 Resp: 64549
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 19.1 13.3 19.9

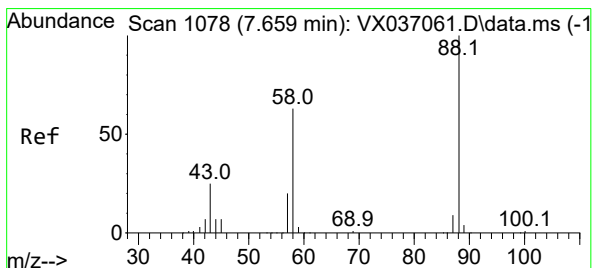
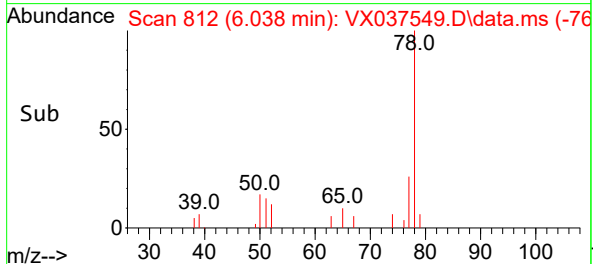
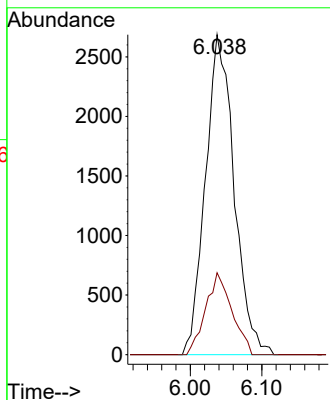
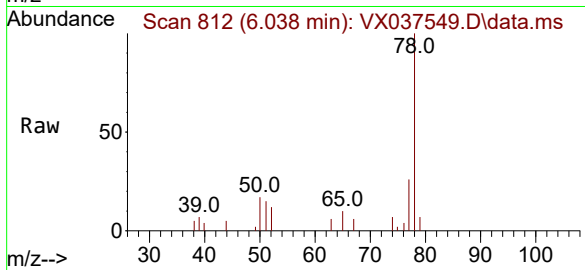




#40
Benzene
Concen: 1.324 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

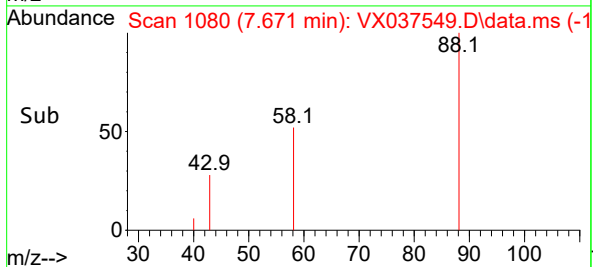
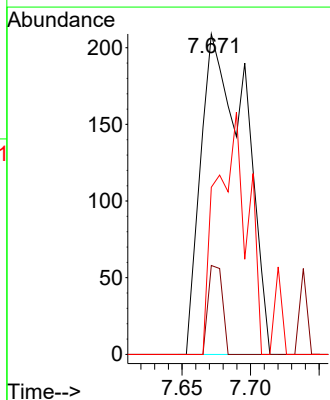
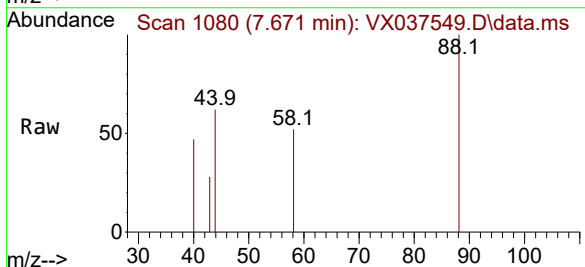
Instrument :
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ClientSampleId :
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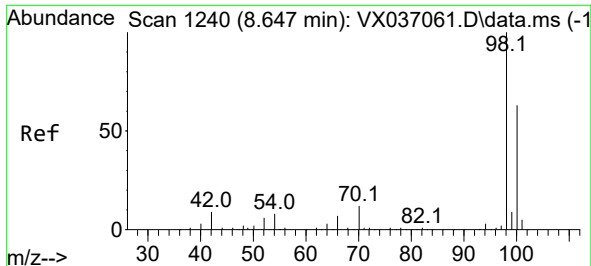
Tgt Ion: 78 Resp: 7484
Ion Ratio Lower Upper
78 100
77 25.6 19.3 28.9



#49
1,4-Dioxane
Concen: 11.200 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Tgt Ion: 88 Resp: 470
Ion Ratio Lower Upper
88 100
43 8.9 0.0 0.0#
58 52.1 60.1 90.1#

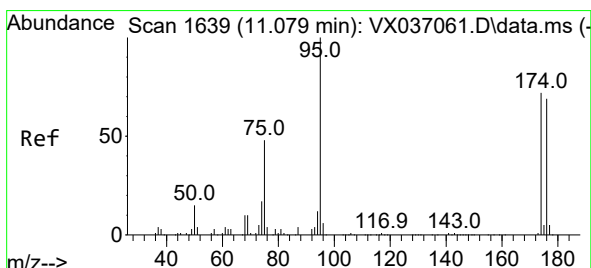
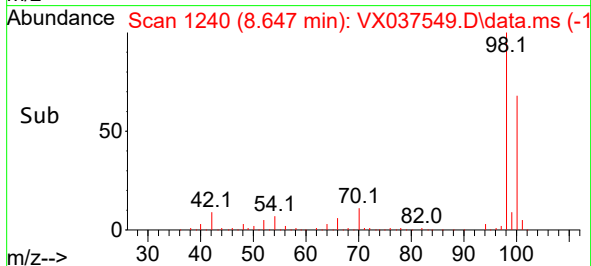
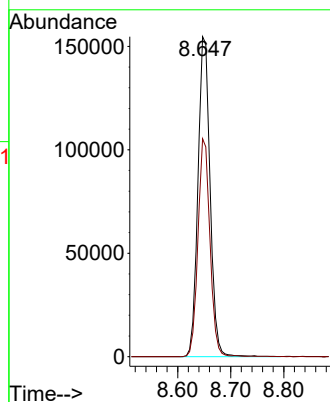
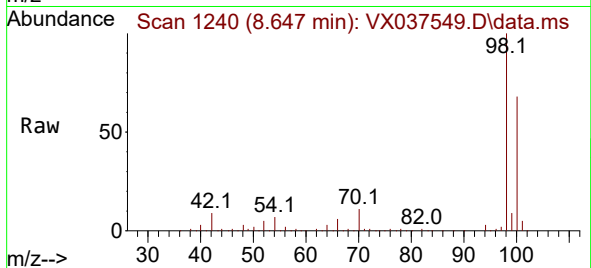




#50
Toluene-d8
Concen: 48.744 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

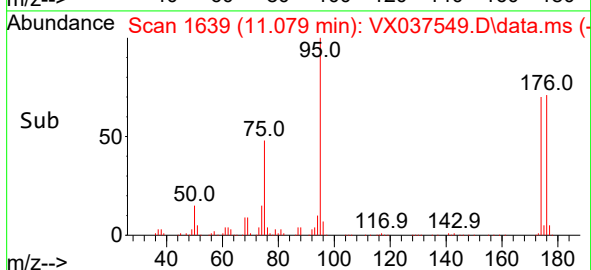
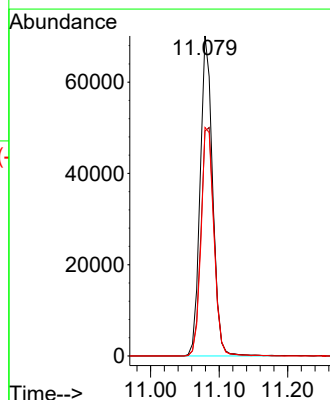
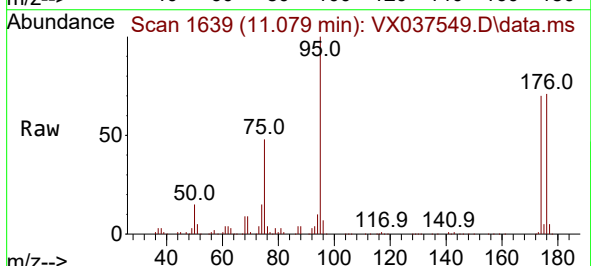
Instrument :
MSVOA_X
ClientSampleId :
MW5DL

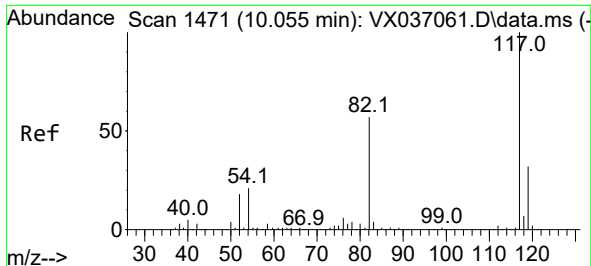
Tgt Ion: 98 Resp: 245195
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.009 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Tgt Ion: 95 Resp: 88973
Ion Ratio Lower Upper
95 100
174 75.8 0.0 135.6
176 73.4 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: VX037549.D

Acq: 06 Sep 2023 12:57

Instrument :

MSVOA_X

ClientSampleId :

MW5DL

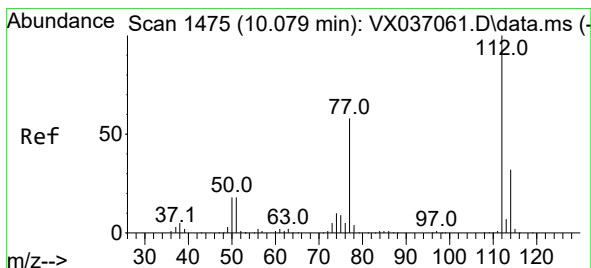
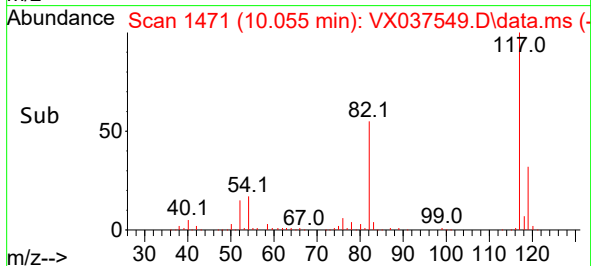
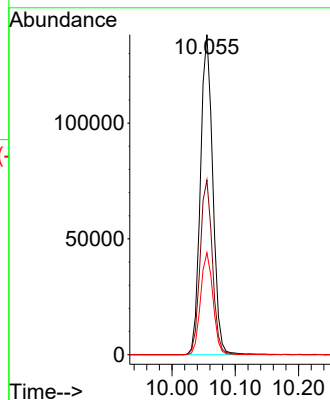
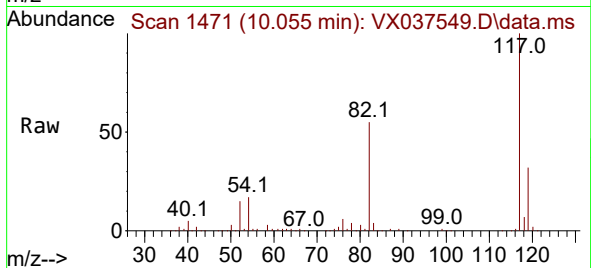
Tgt Ion:117 Resp: 188431

Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 31.8 25.5 38.3



#65

Chlorobenzene

Concen: 0.539 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX037549.D

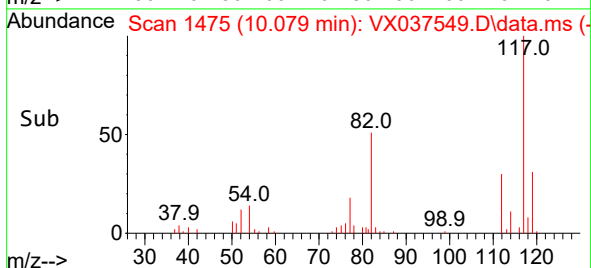
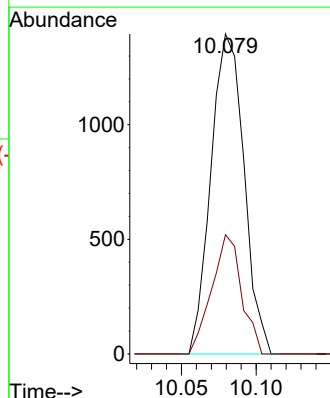
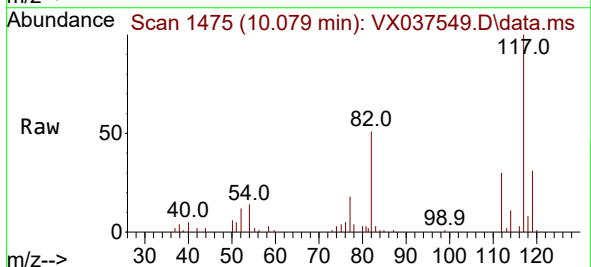
Acq: 06 Sep 2023 12:57

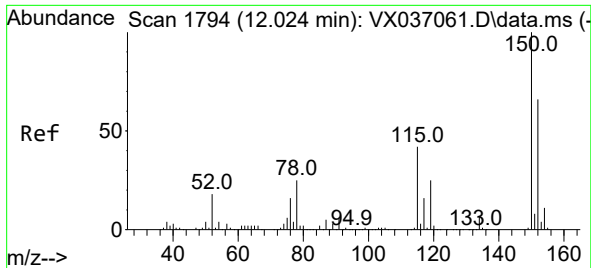
Tgt Ion:112 Resp: 2145

Ion Ratio Lower Upper

112 100

114 37.2 25.7 38.5

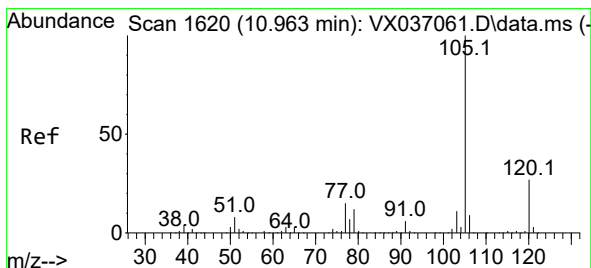
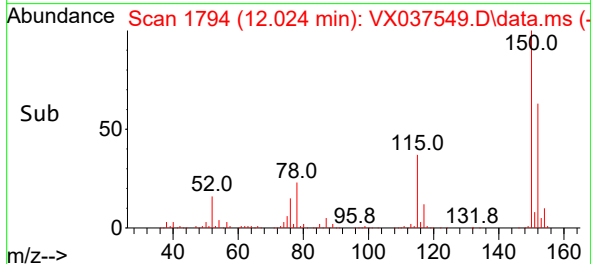
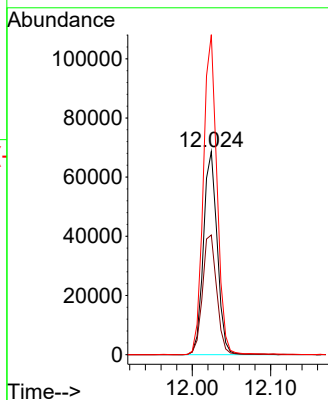
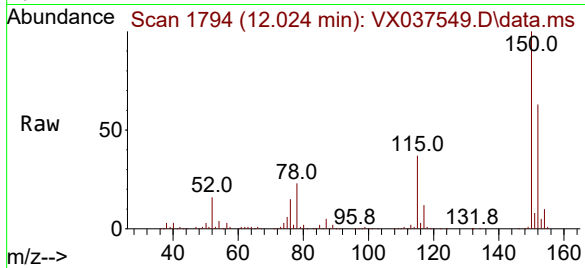




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Instrument :
MSVOA_X
ClientSampleId :
MW5DL

Tgt Ion:152 Resp: 83739
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 156.6 0.0 345.0



#73
Isopropylbenzene
Concen: 0.455 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037549.D
Acq: 06 Sep 2023 12:57

Tgt Ion:105 Resp: 2768
Ion Ratio Lower Upper
105 100
120 23.4 12.9 38.6

