

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
 Data File : VX037736.D
 Acq On : 14 Sep 2023 18:16
 Operator : JC/MD
 Sample : 04390-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 18:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

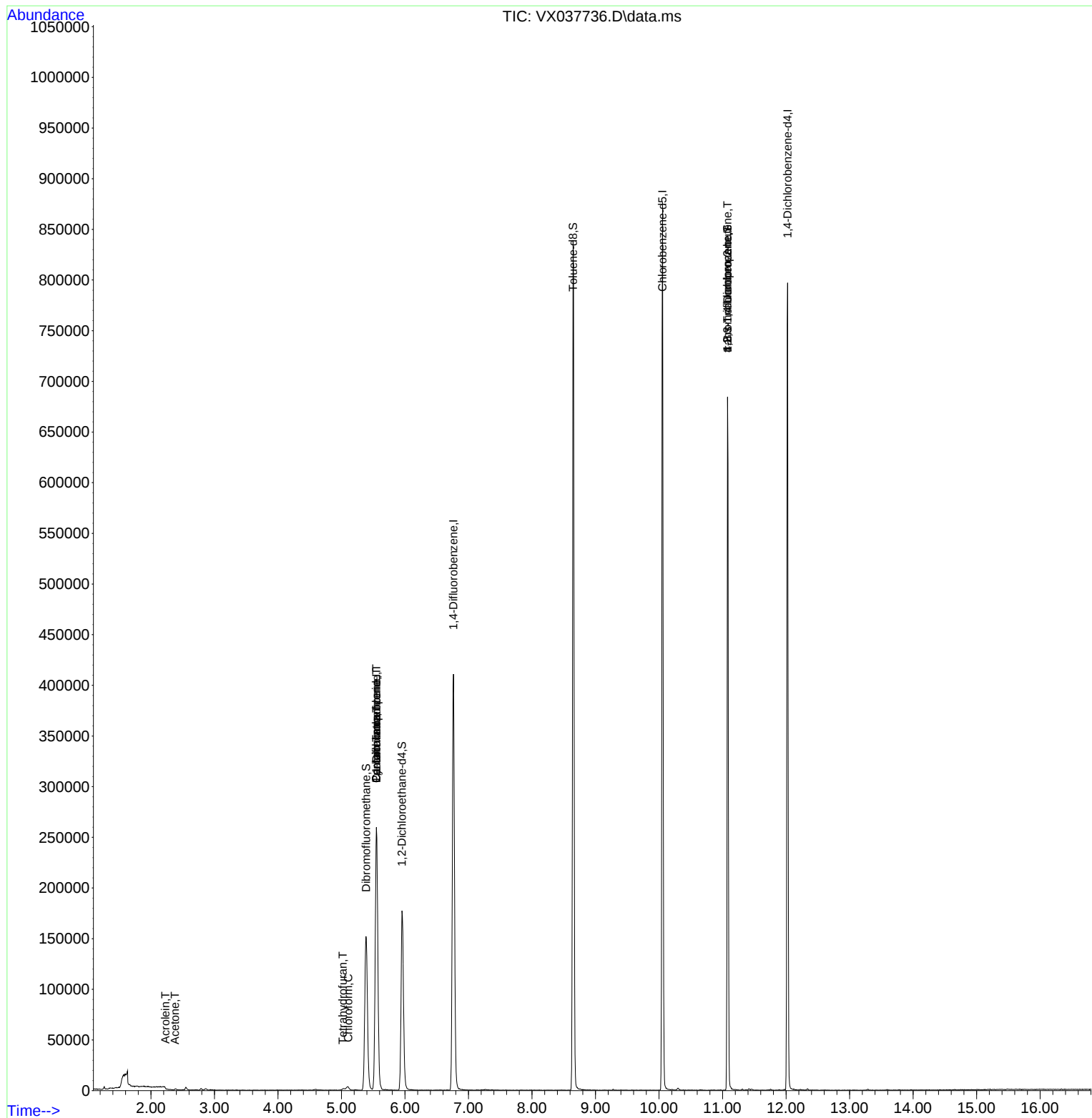
Internal Standards						
1) Pentafluorobenzene	5.550	168	250234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	428673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167526	41.379	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	82.760%	
35) Dibromofluoromethane	5.385	113	136379	44.884	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	89.760%	
50) Toluene-d8	8.647	98	516520	45.074	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	90.140%#	
62) 4-Bromofluorobenzene	11.079	95	178488	43.173	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	94	Below Cal	#	78
13) Acrolein	2.227	56	148	0.224	ug/l #	1
16) Acetone	2.380	43	1232	0.753	ug/l #	81
20) Methylene Chloride	2.794	84	789	Below Cal	#	67
29) Tetrahydrofuran	5.019	42	1666	0.980	ug/l	88
30) Chloroform	5.105	83	4165	0.674	ug/l	100
31) Cyclohexane	5.550	56	5408	1.160	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19016	4.601	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25987	6.154	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	90807	24.286	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	90807	73.824	ug/l #	5

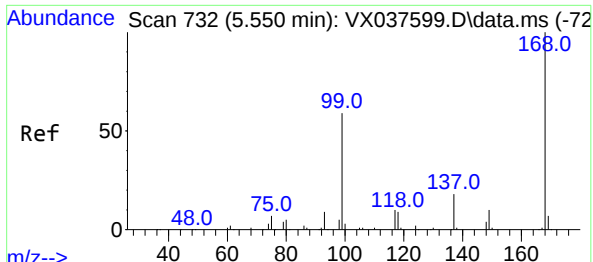
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091423\
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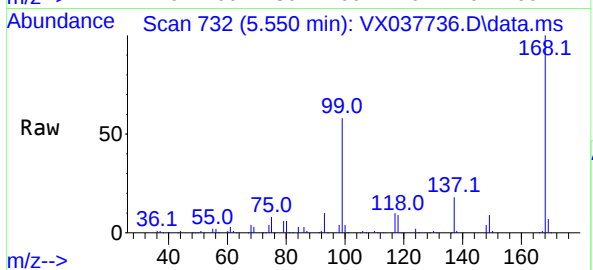
Quant Time: Sep 14 18:45:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



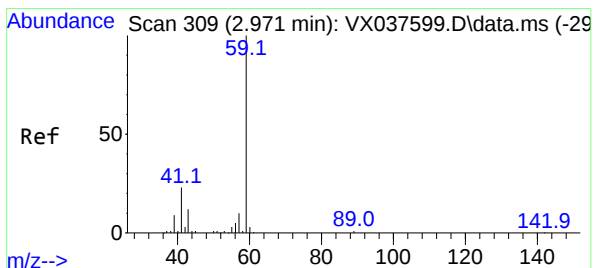
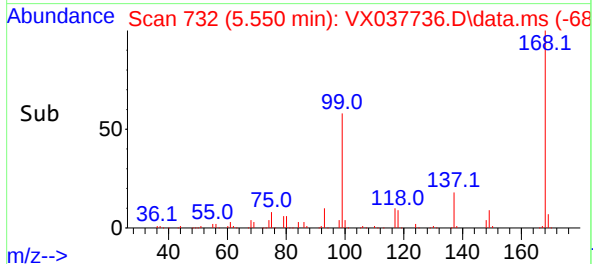
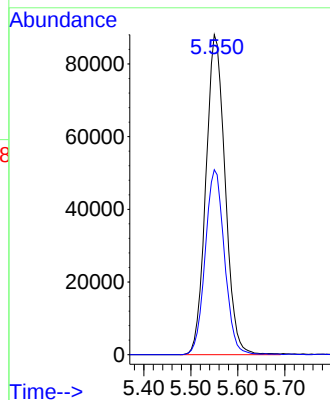


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :

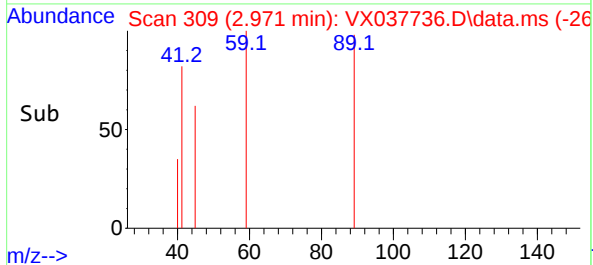
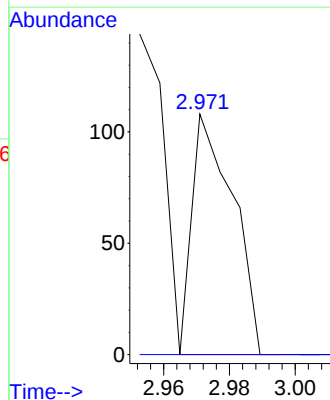
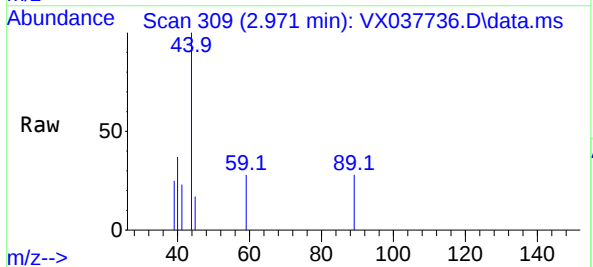


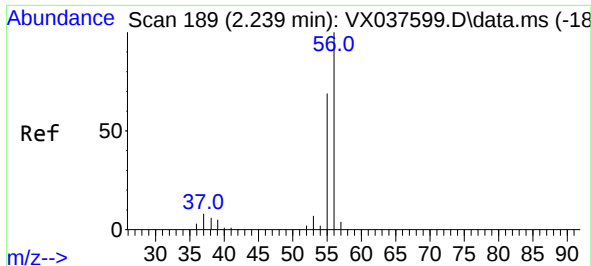
Tgt Ion:168 Resp: 250234
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Tgt Ion: 59 Resp: 94
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

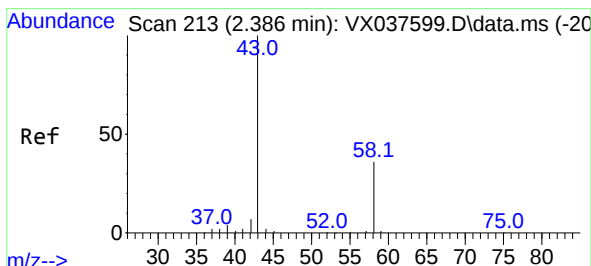
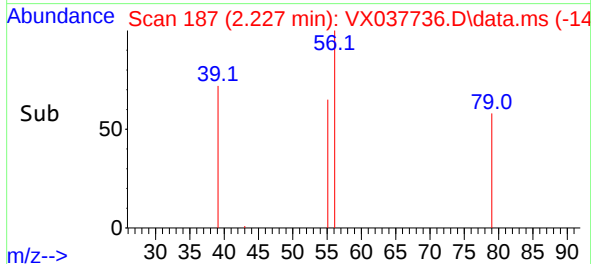
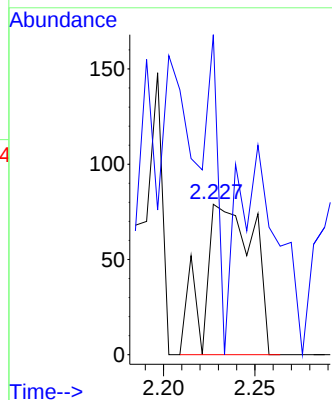
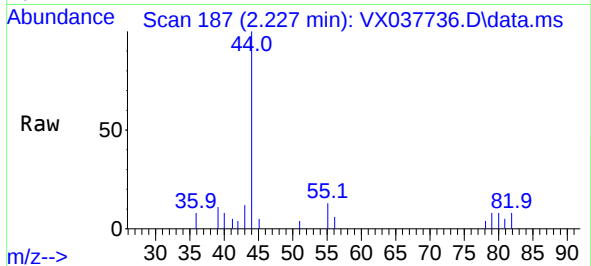




#13
Acrolein
Concen: 0.224 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

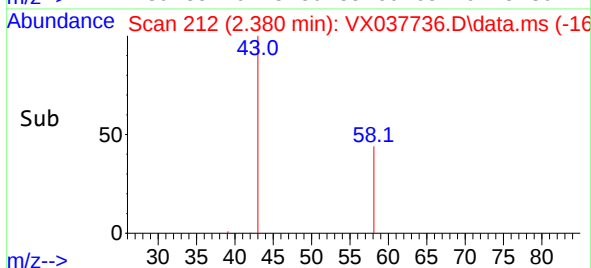
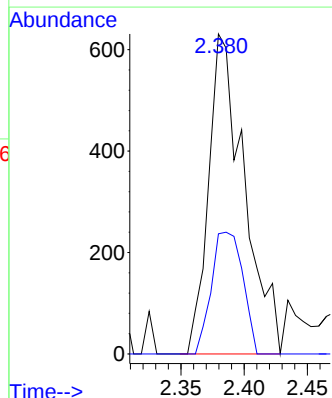
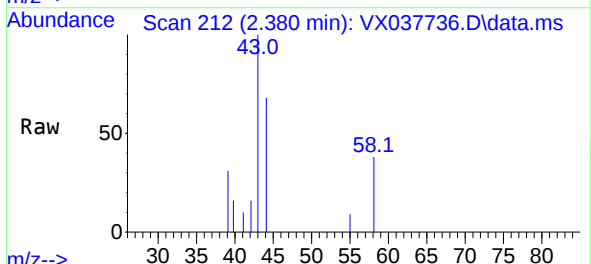
Instrument :
MSVOA_X
ClientSampleId :

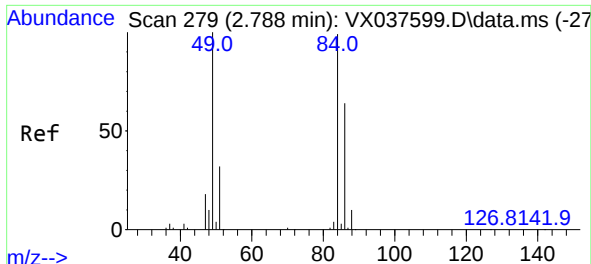
Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 285.1 57.1 85.7#



#16
Acetone
Concen: 0.753 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

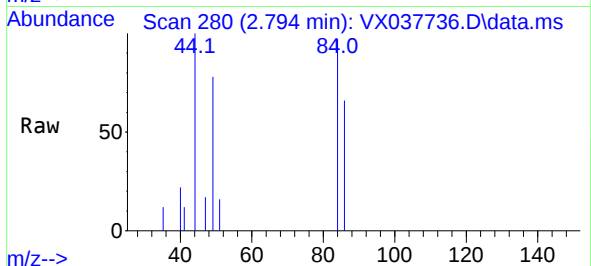
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 37.6 21.9 32.9#





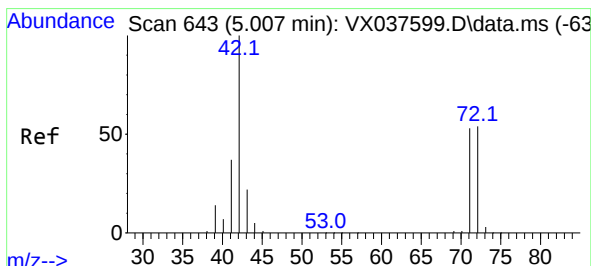
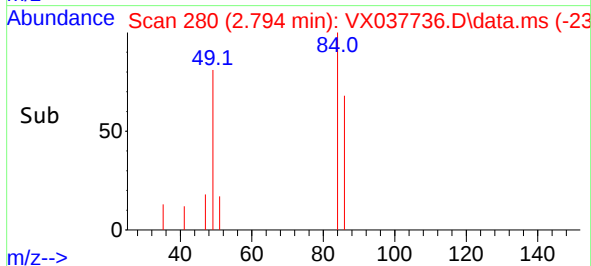
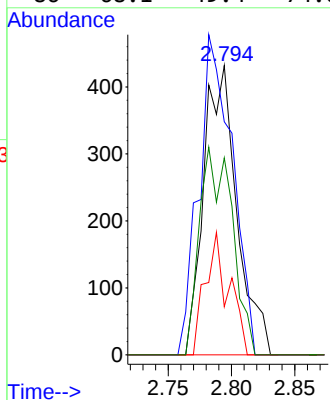
#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 789

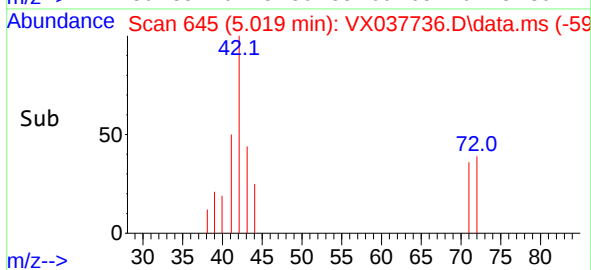
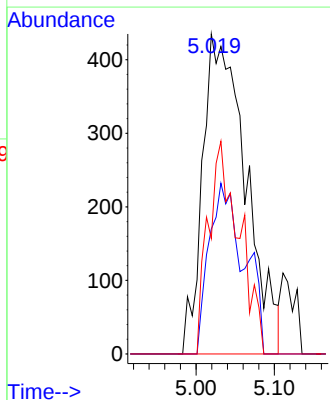
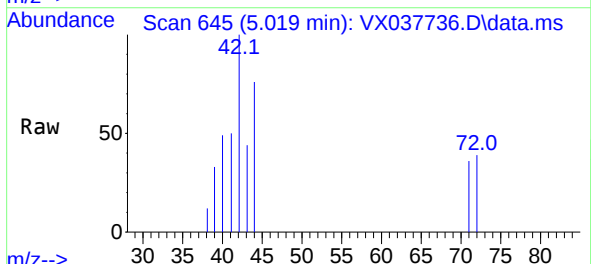
Ion	Ratio	Lower	Upper
84	100		
49	80.6	103.6	155.4#
51	16.7	33.8	50.6#
86	68.1	49.4	74.0

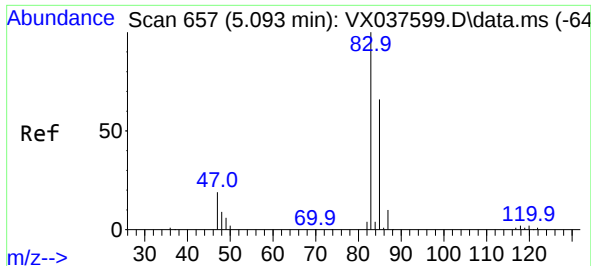


#29
Tetrahydrofuran
Concen: 0.980 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.012 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Tgt Ion: 42 Resp: 1666

Ion	Ratio	Lower	Upper
42	100		
72	35.2	34.2	51.4
71	47.4	32.2	48.2





#30

Chloroform

Concen: 0.674 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX037736.D

Acq: 14 Sep 2023 18:16

Instrument :

MSVOA_X

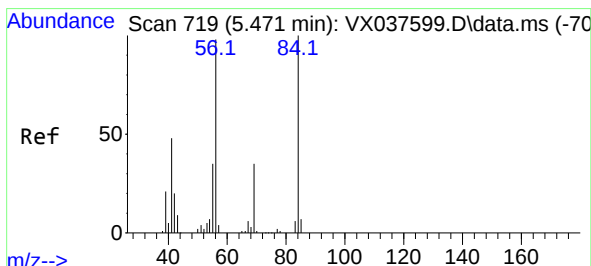
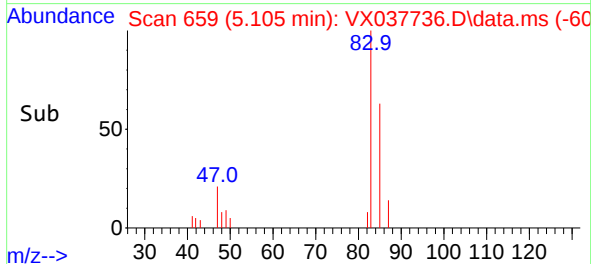
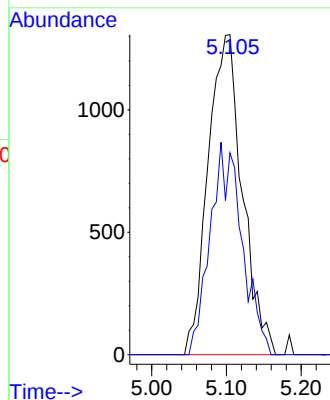
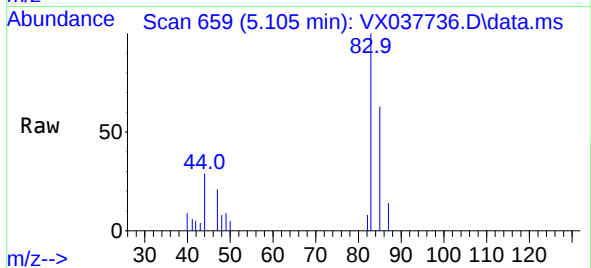
ClientSampleId :

Tgt Ion: 83 Resp: 4165

Ion Ratio Lower Upper

83 100

85 63.0 50.3 75.5



#31

Cyclohexane

Concen: 1.160 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037736.D

Acq: 14 Sep 2023 18:16

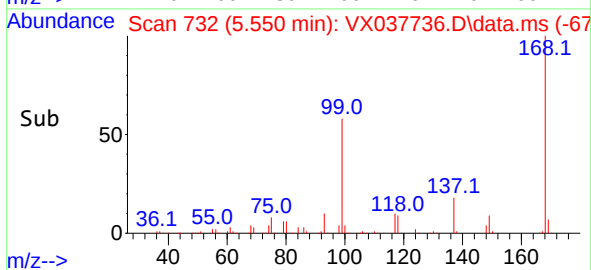
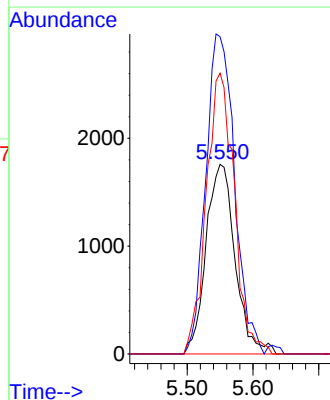
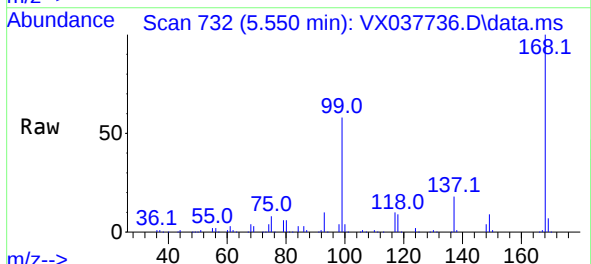
Tgt Ion: 56 Resp: 5408

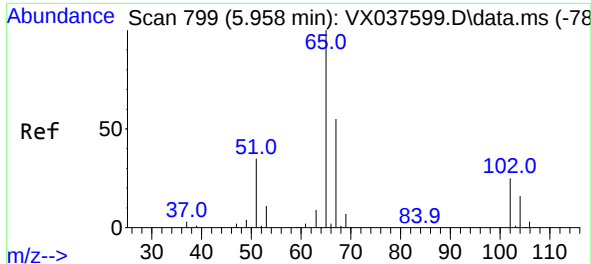
Ion Ratio Lower Upper

56 100

69 167.3 23.4 35.2#

84 148.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.379 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037736.D

Acq: 14 Sep 2023 18:16

Instrument :

MSVOA_X

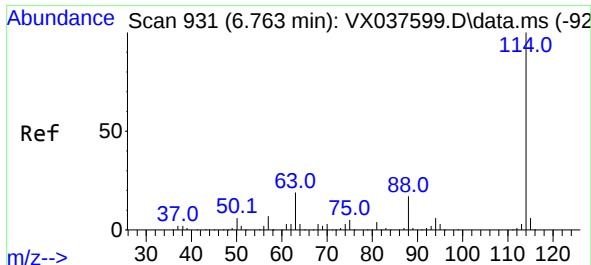
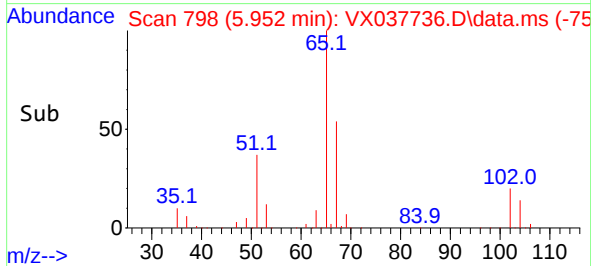
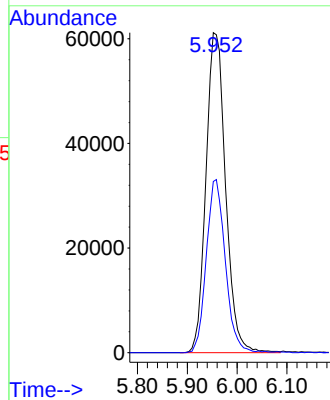
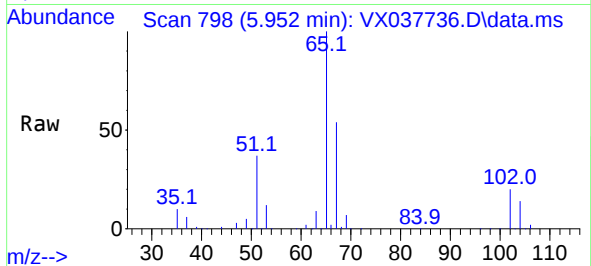
ClientSampleId :

Tgt Ion: 65 Resp: 167526

Ion Ratio Lower Upper

65 100

67 52.1 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: VX037736.D

Acq: 14 Sep 2023 18:16

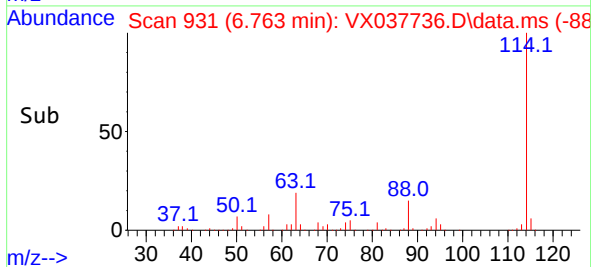
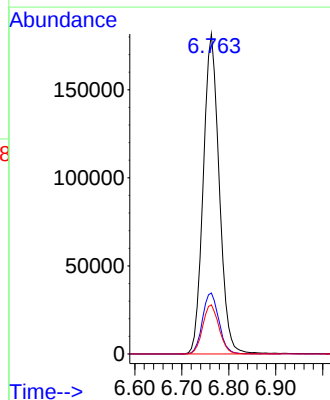
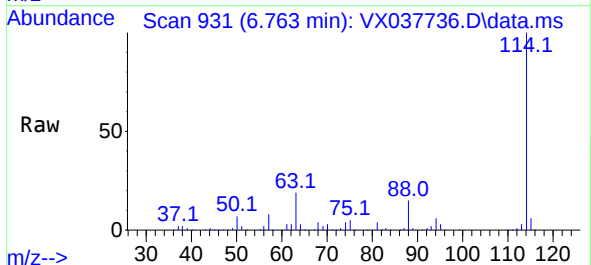
Tgt Ion:114 Resp: 428673

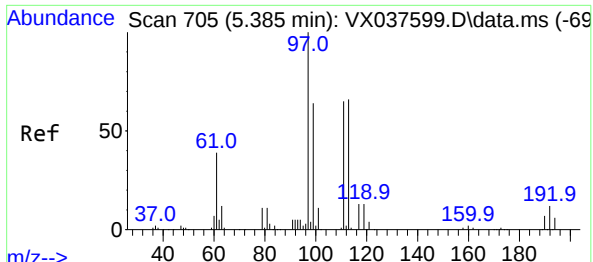
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

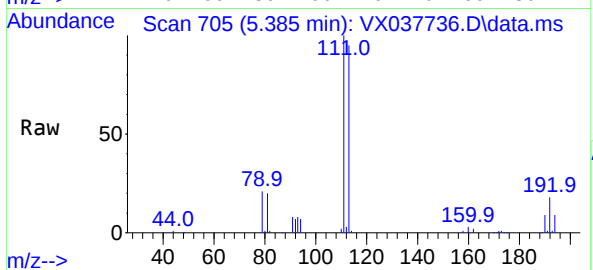
88 15.4 0.0 36.6



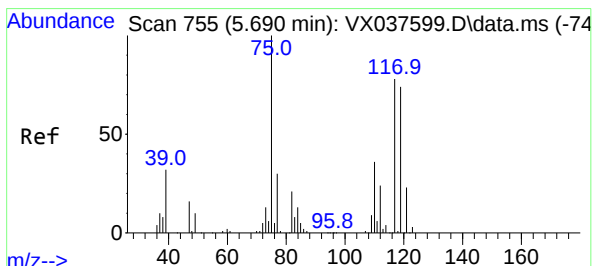
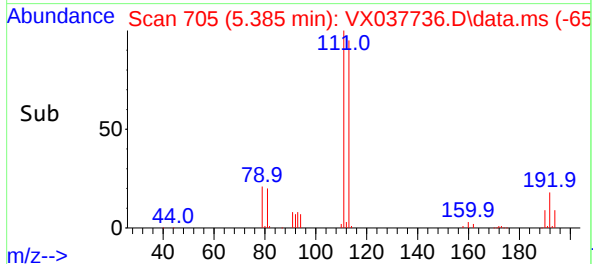
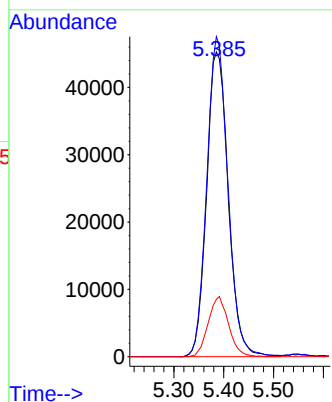


#35
Dibromofluoromethane
Concen: 44.884 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :

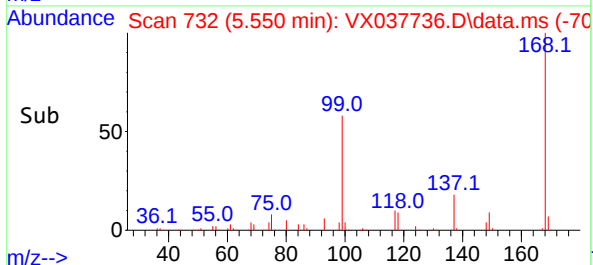
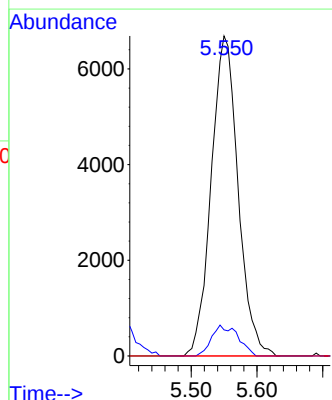
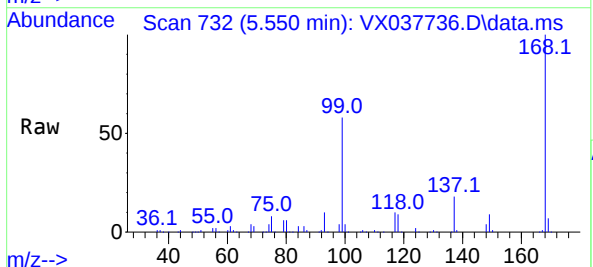


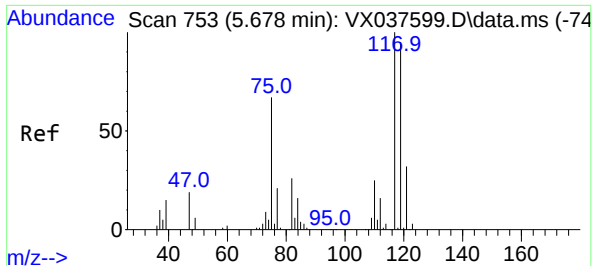
Tgt Ion:113 Resp: 136379
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

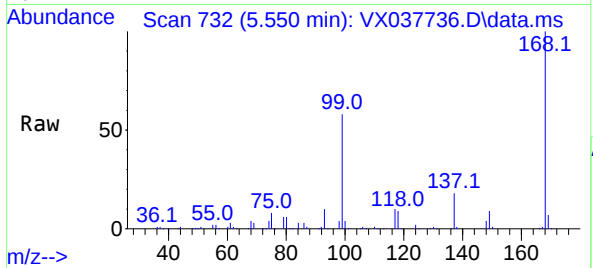
Tgt Ion: 75 Resp: 19016
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



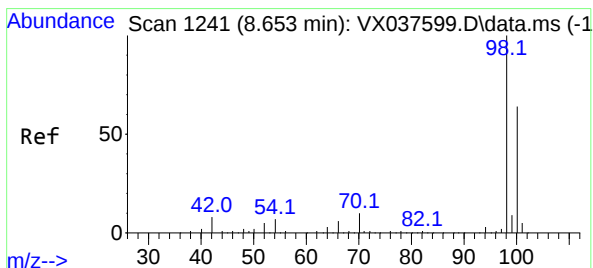
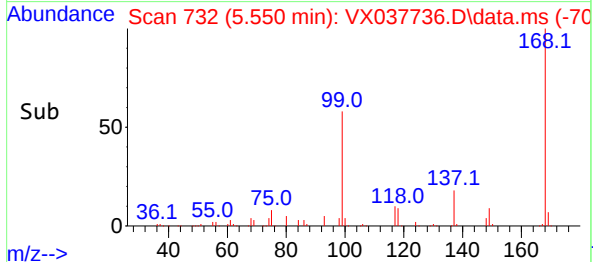
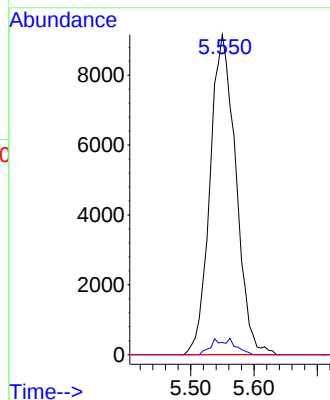


#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :

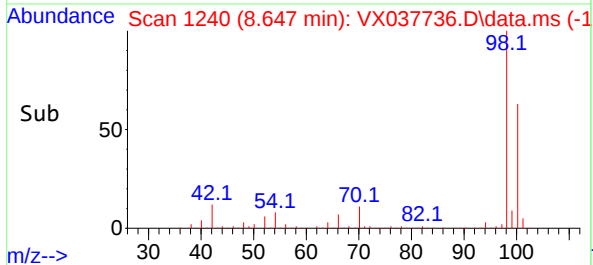
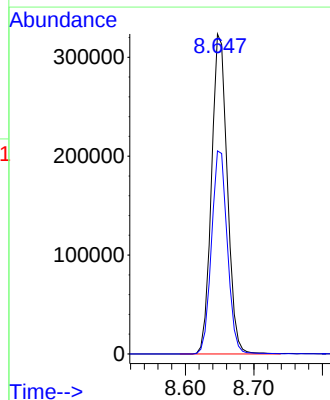
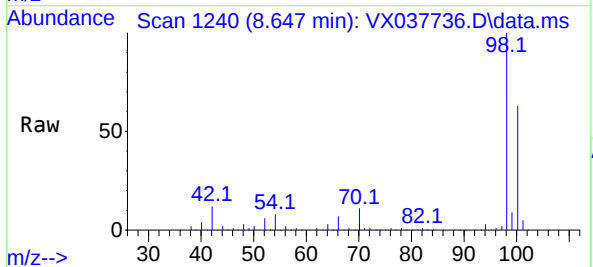


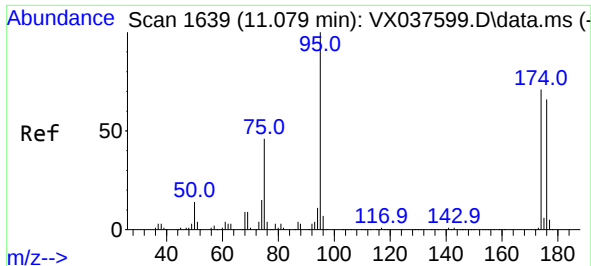
Tgt Ion:117 Resp: 25987
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.074 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Tgt Ion: 98 Resp: 516520
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

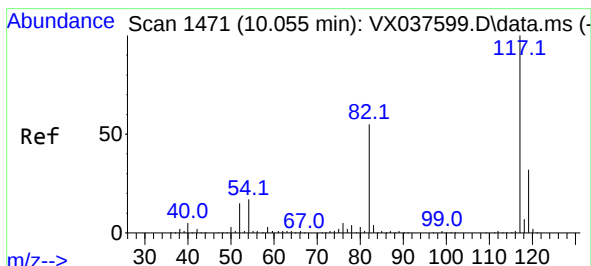
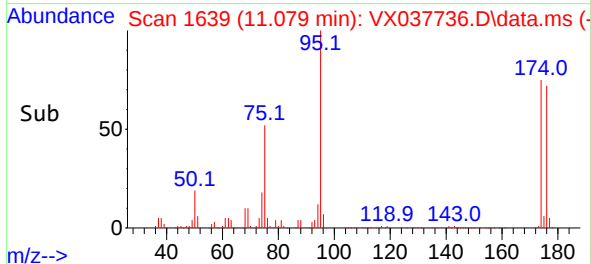
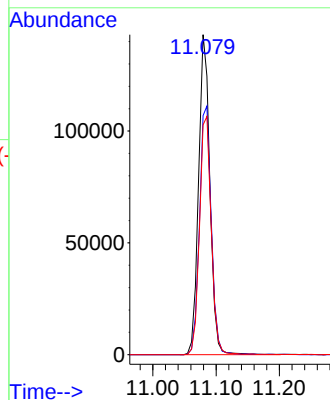
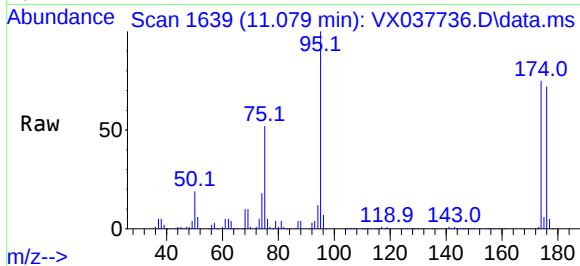




#62
4-Bromofluorobenzene
Concen: 43.173 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

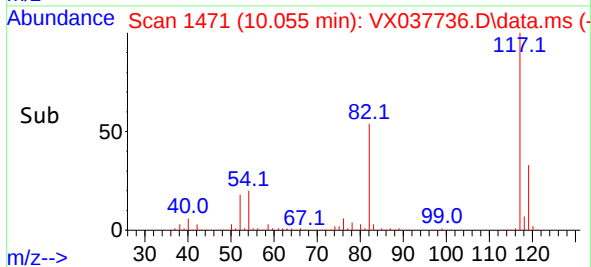
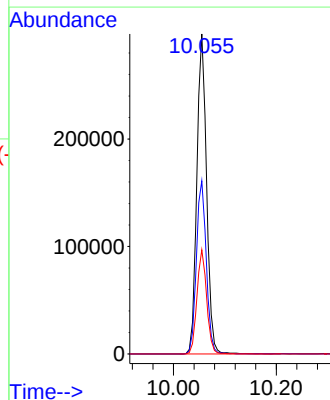
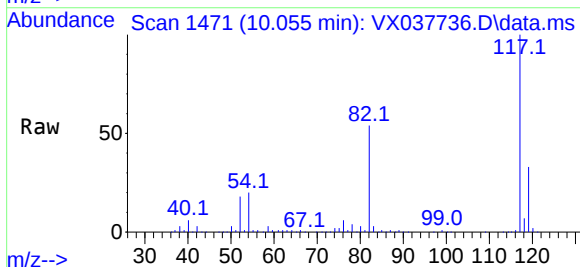
Instrument :
MSVOA_X
ClientSampleId :

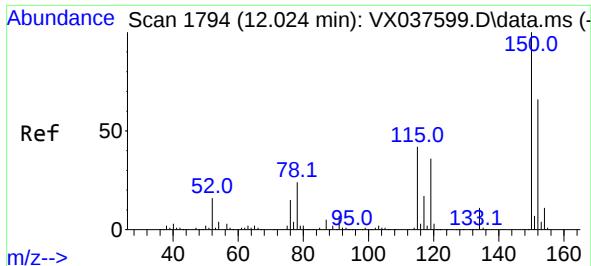
Tgt Ion: 95 Resp: 178488
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Tgt Ion: 117 Resp: 392361
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.6 25.5 38.3

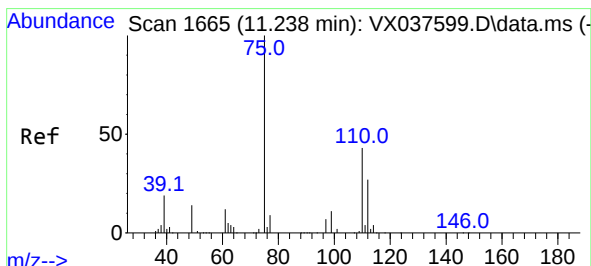
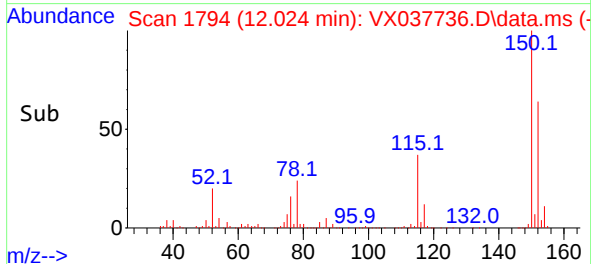
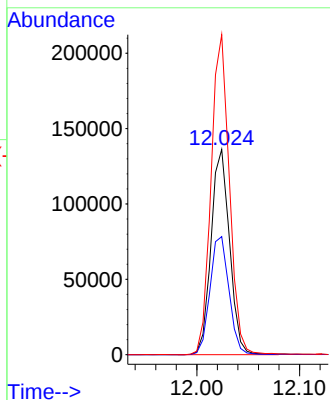
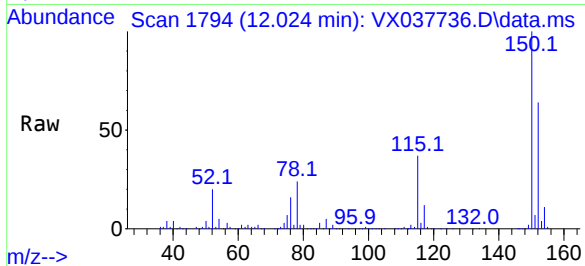




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

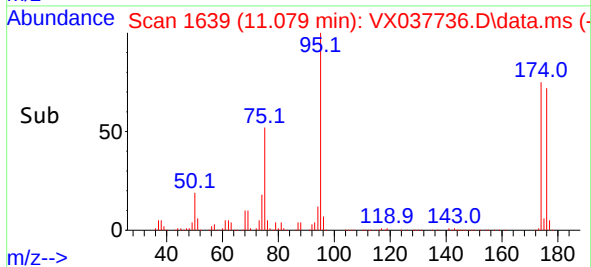
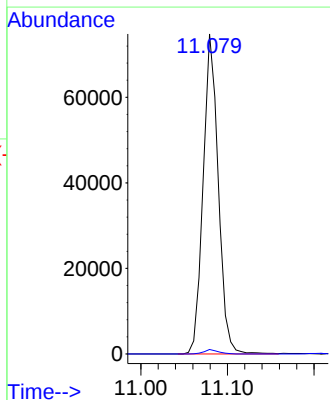
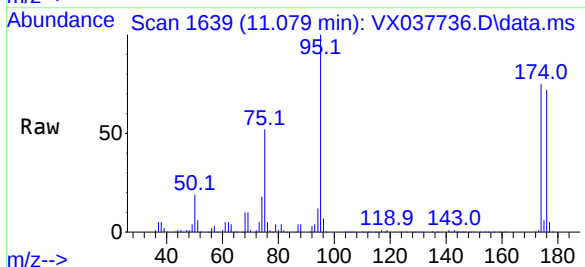
Instrument :
MSVOA_X
ClientSampleId :

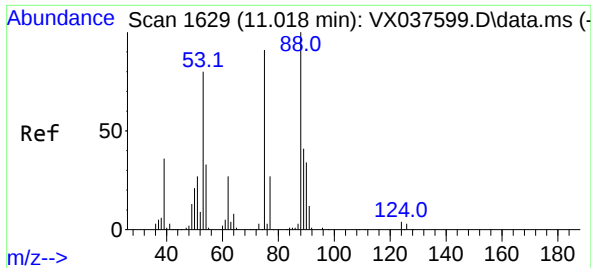
Tgt Ion:152 Resp: 170073
Ion Ratio Lower Upper
152 100
115 59.5 43.3 129.9
150 154.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.286 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

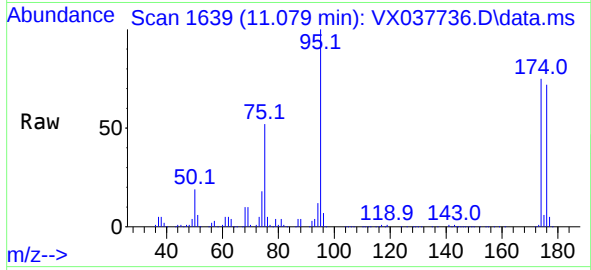
Tgt Ion: 75 Resp: 90807
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.824 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX037736.D
Acq: 14 Sep 2023 18:16

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 90807
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

