

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037694.D
 Acq On : 13 Sep 2023 14:53
 Operator : JC/MD
 Sample : 04353-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:20:42 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)

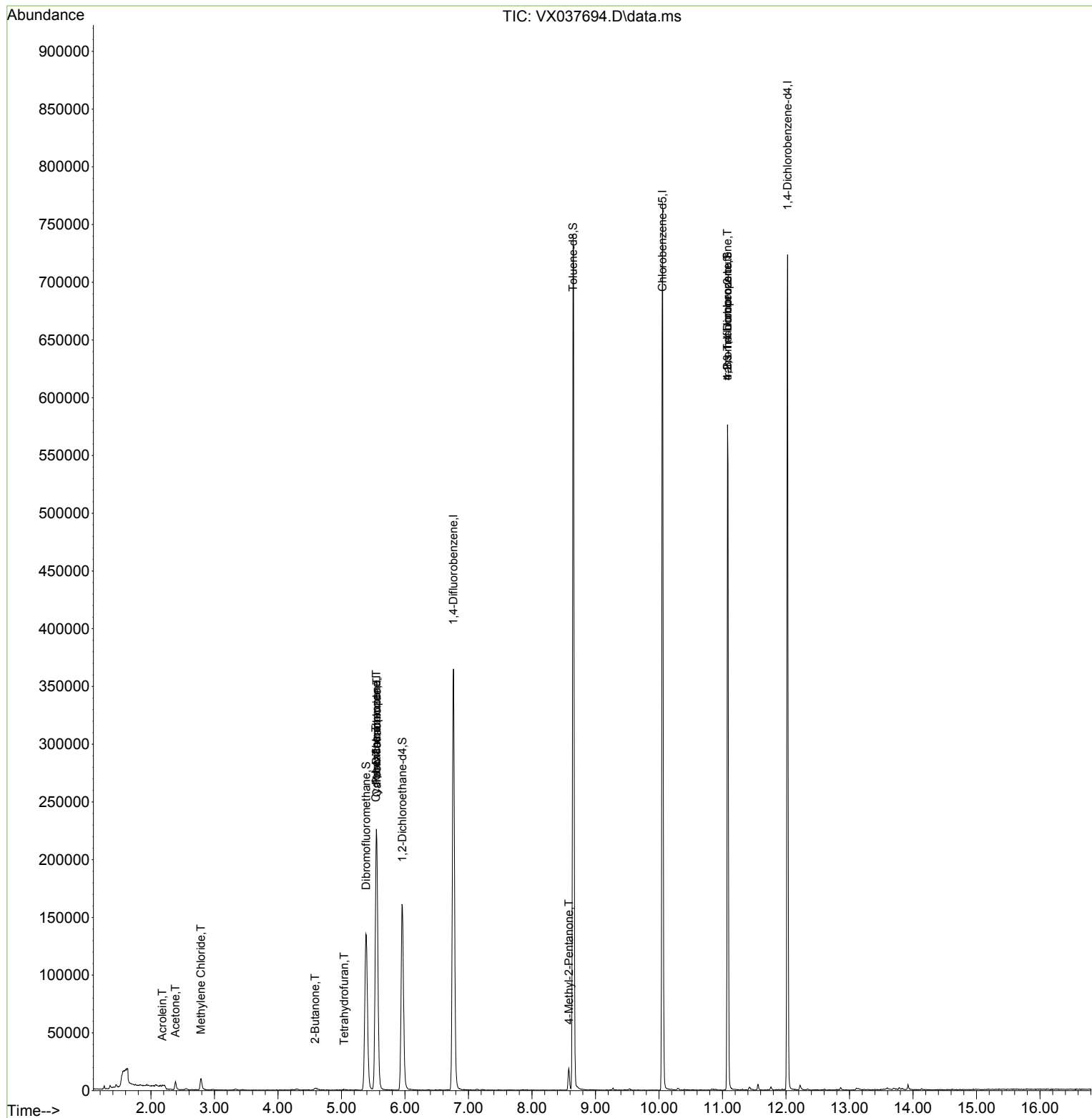
Internal Standards						
1) Pentafluorobenzene	5.550	168	212955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156212	45.339	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.680%	
35) Dibromofluoromethane	5.385	113	120312	45.621	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.240%	
50) Toluene-d8	8.647	98	456321	45.879	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	91.760%#	
62) 4-Bromofluorobenzene	11.079	95	154364	43.019	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	86.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	326	Below Cal	#	78
13) Acrolein	2.179	56	125	0.222	ug/l #	1
16) Acetone	2.386	43	7276	5.223	ug/l #	83
20) Methylene Chloride	2.788	84	5453	0.771	ug/l	91
25) 2-Butanone	4.587	43	3695	1.627	ug/l	94
29) Tetrahydrofuran	5.044	42	532	0.368	ug/l #	41
31) Cyclohexane	5.544	56	4798	1.209	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17220	4.800	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22861	6.238	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	11456	2.664	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	79511	25.032	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79511	76.089	ug/l #	5

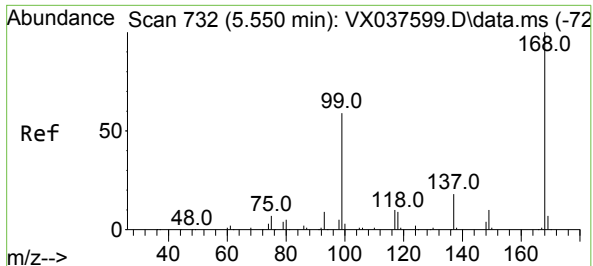
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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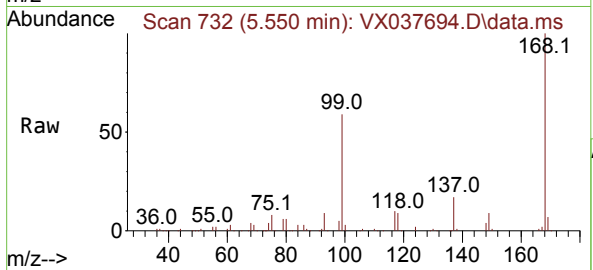
Quant Time: Sep 14 02:20:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



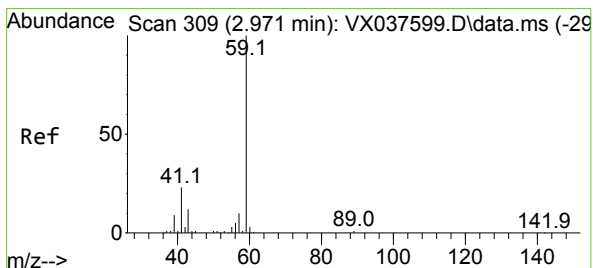
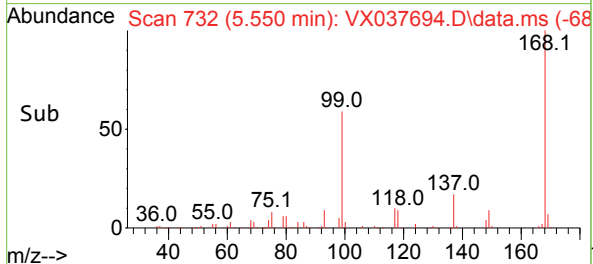
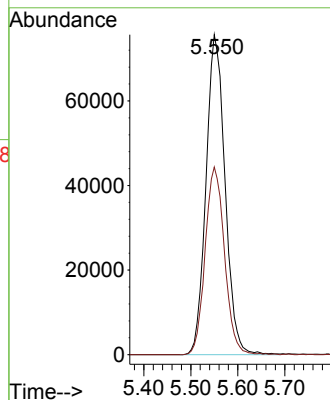


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :

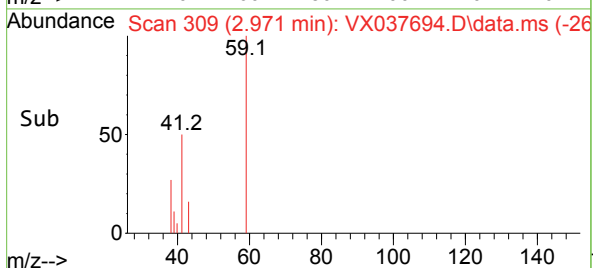
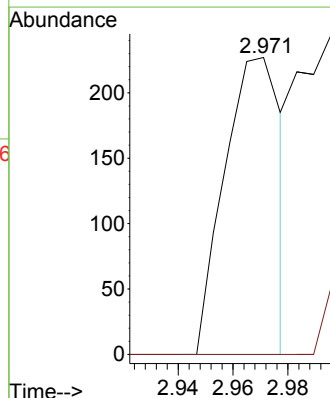
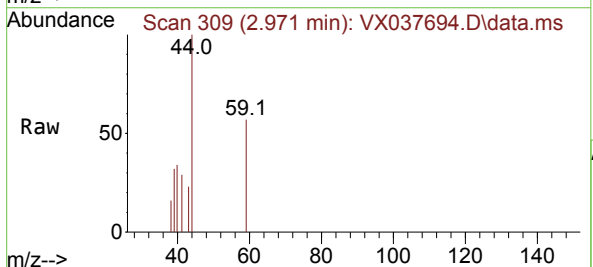


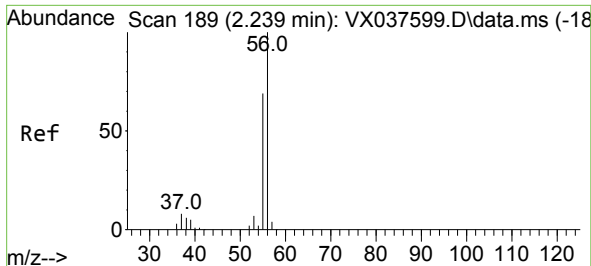
Tgt Ion:168 Resp: 212955
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.222 ug/l

RT: 2.179 min Scan# 11

Delta R.T. -0.061 min

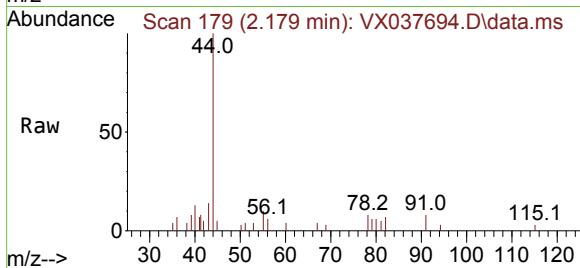
Lab File: VX037694.D

Acq: 13 Sep 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

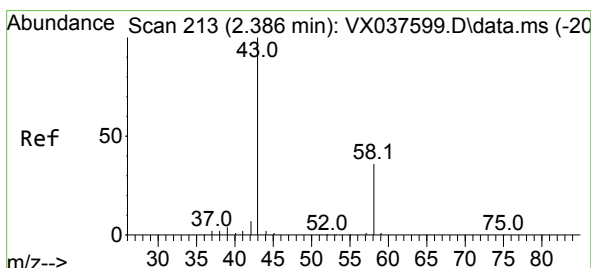
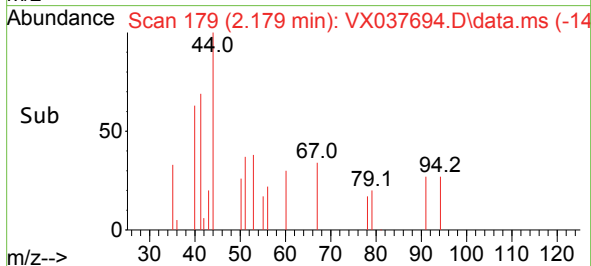
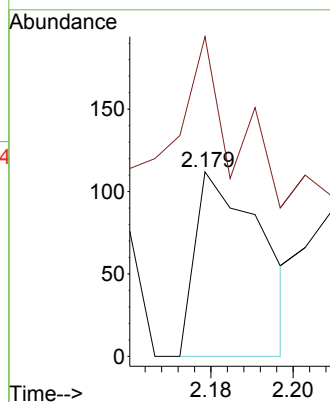


Tgt Ion: 56 Resp: 125

Ion Ratio Lower Upper

56 100

55 165.6 57.1 85.7#



#16

Acetone

Concen: 5.223 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX037694.D

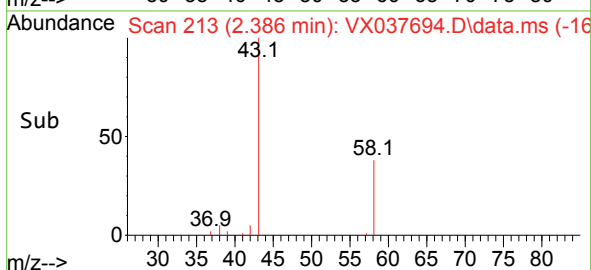
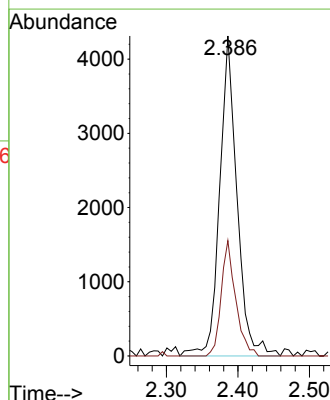
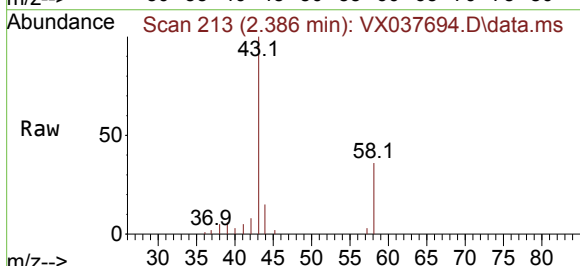
Acq: 13 Sep 2023 14:53

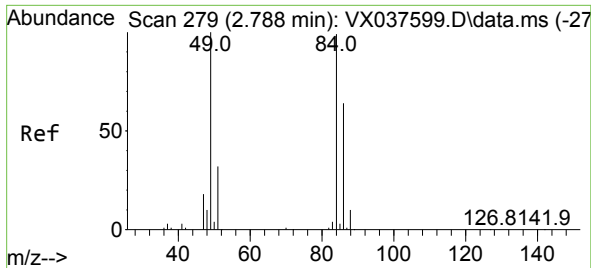
Tgt Ion: 43 Resp: 7276

Ion Ratio Lower Upper

43 100

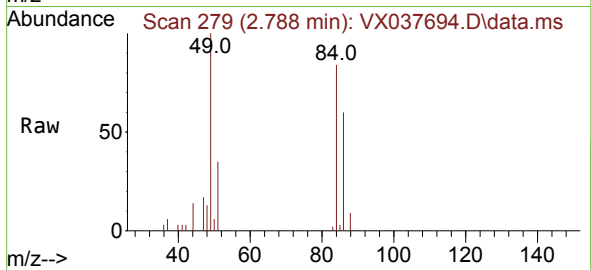
58 36.1 21.9 32.9#



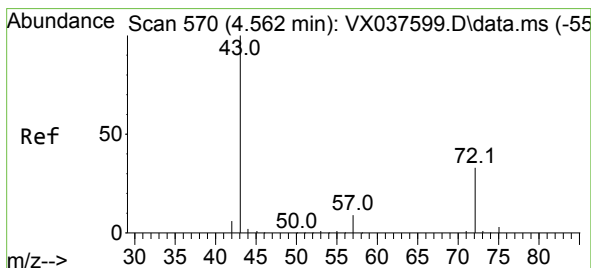
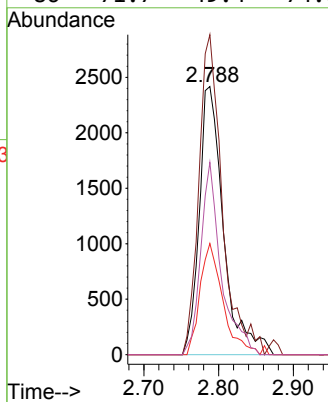
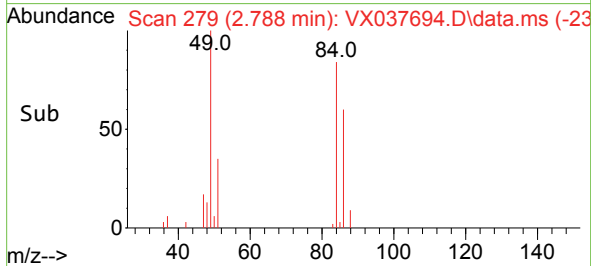


#20
Methylene Chloride
Concen: 0.771 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :

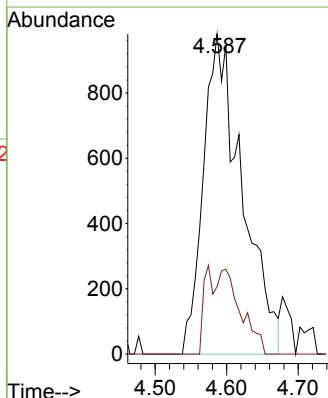
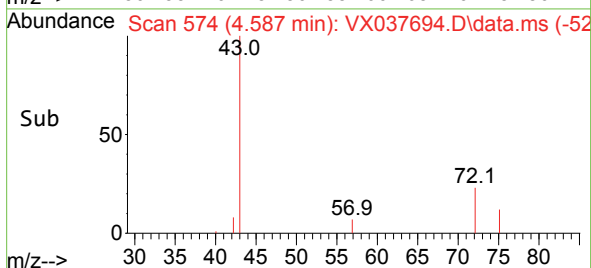
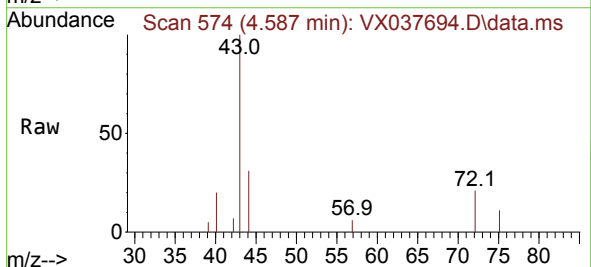


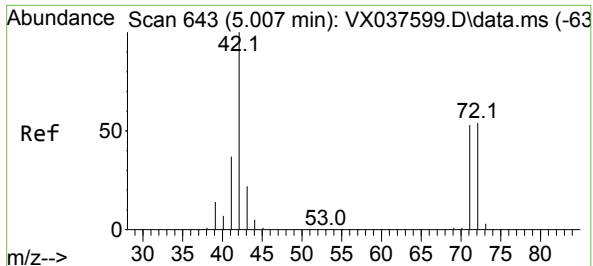
Tgt Ion:	84	Resp:	5453
Ion	Ratio	Lower	Upper
84	100		
49	119.3	103.6	155.4
51	41.4	33.8	50.6
86	71.7	49.4	74.0



#25
2-Butanone
Concen: 1.627 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Tgt Ion:	43	Resp:	3695
Ion	Ratio	Lower	Upper
43	100		
72	21.1	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.368 ug/l

RT: 5.044 min Scan# 643

Delta R.T. 0.037 min

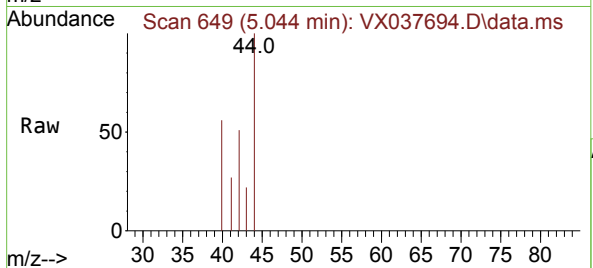
Lab File: VX037694.D

Acq: 13 Sep 2023 14:53

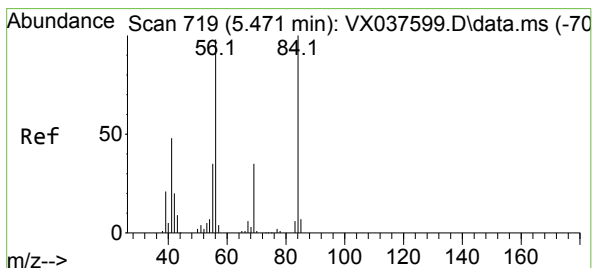
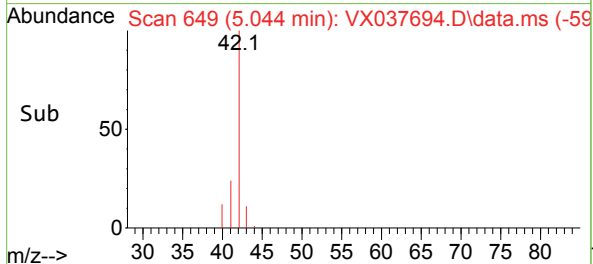
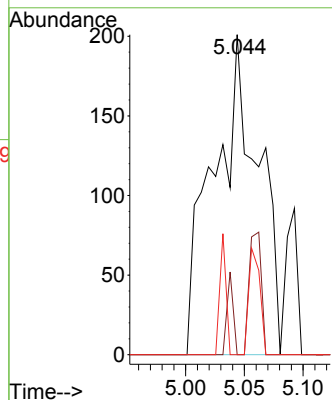
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	532
Ion Ratio	100	Lower	Upper
42	100		
72	3.6	34.2	51.4#
71	5.3	32.2	48.2#



#31

Cyclohexane

Concen: 1.209 ug/l

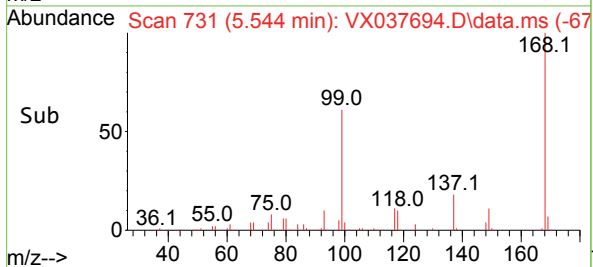
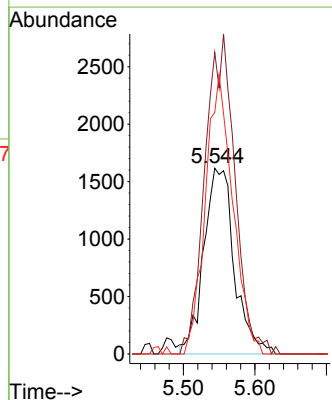
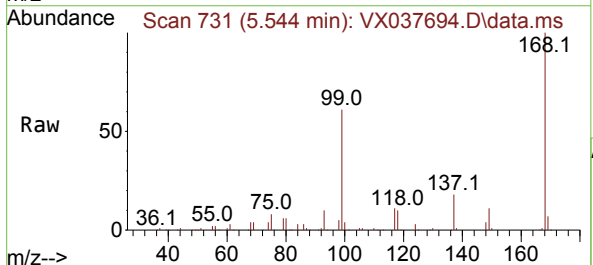
RT: 5.544 min Scan# 731

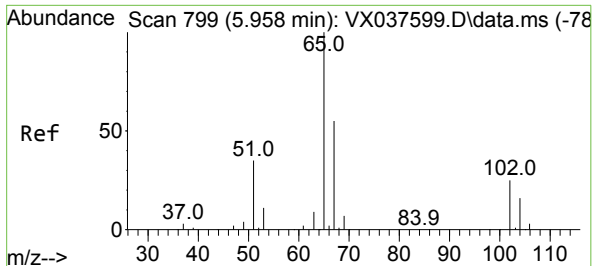
Delta R.T. 0.073 min

Lab File: VX037694.D

Acq: 13 Sep 2023 14:53

Tgt Ion:	56	Resp:	4798
Ion Ratio	100	Lower	Upper
56	100		
69	162.2	23.4	35.2#
84	129.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.339 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037694.D

Acq: 13 Sep 2023 14:53

Instrument :

MSVOA_X

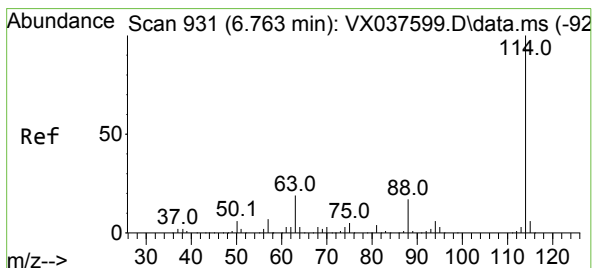
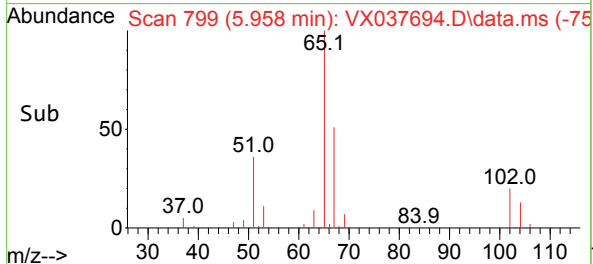
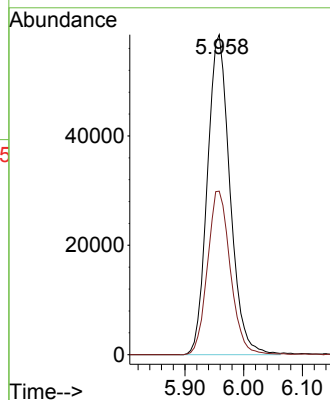
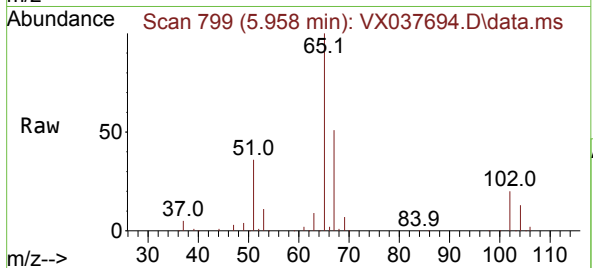
ClientSampleId :

Tgt Ion: 65 Resp: 156212

Ion Ratio Lower Upper

65 100

67 51.8 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: VX037694.D

Acq: 13 Sep 2023 14:53

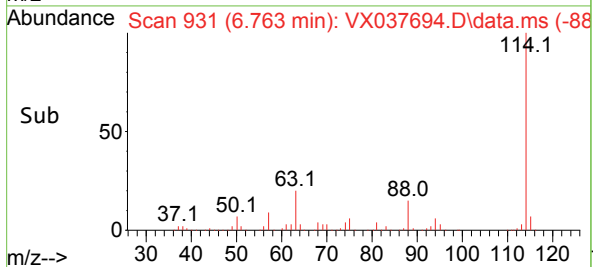
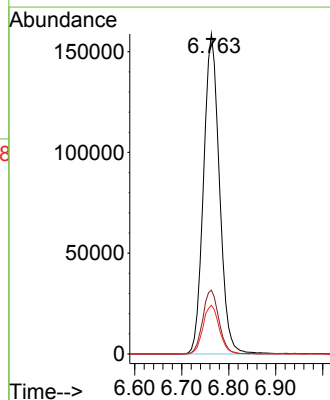
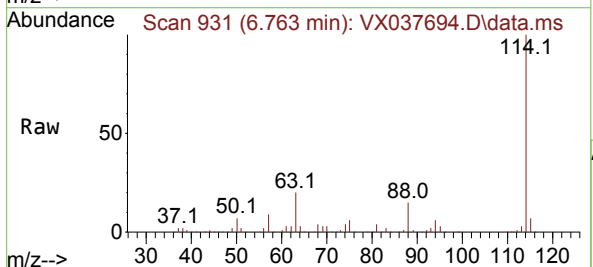
Tgt Ion: 114 Resp: 372064

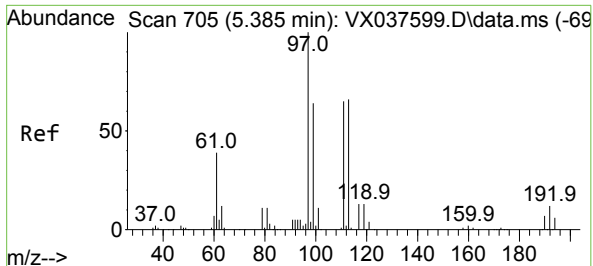
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

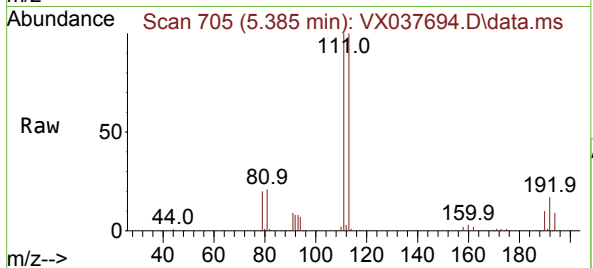
88 15.2 0.0 36.6



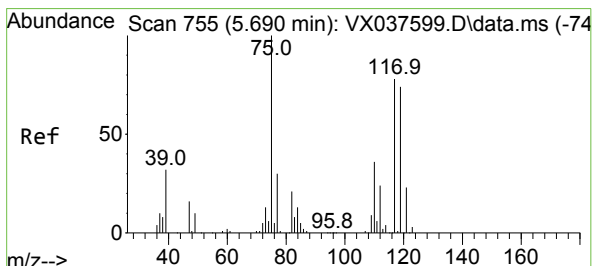
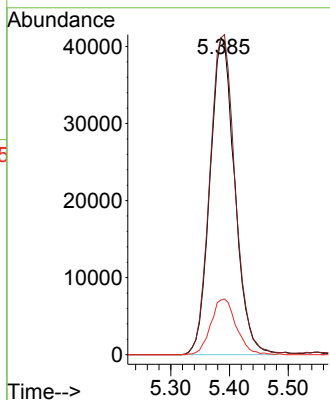
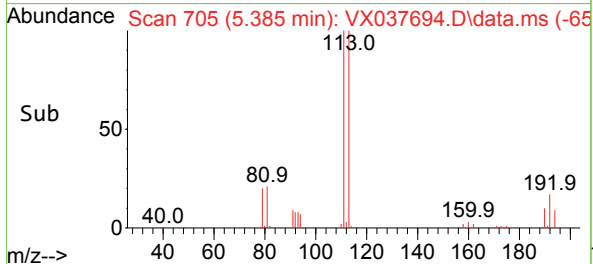


#35
Dibromofluoromethane
Concen: 45.621 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :

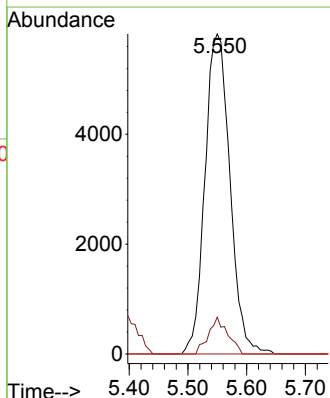
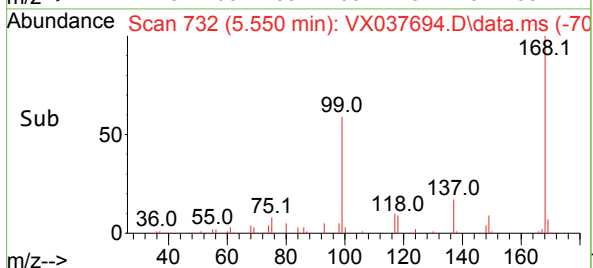
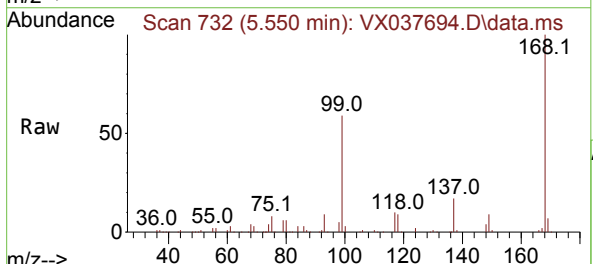


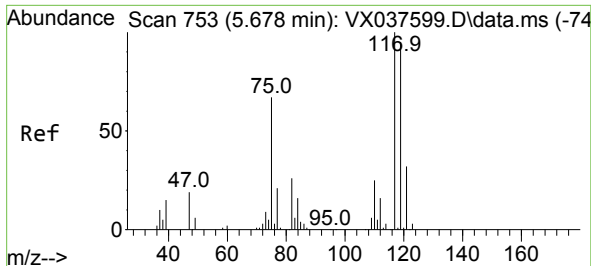
Tgt Ion:113 Resp: 120312
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.800 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

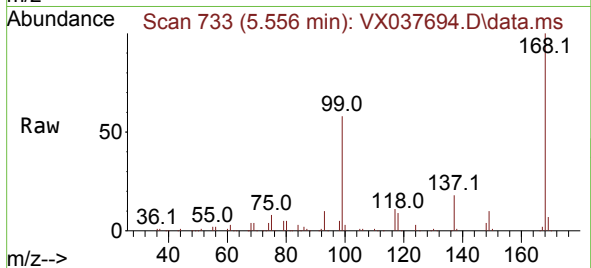
Tgt Ion: 75 Resp: 17220
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



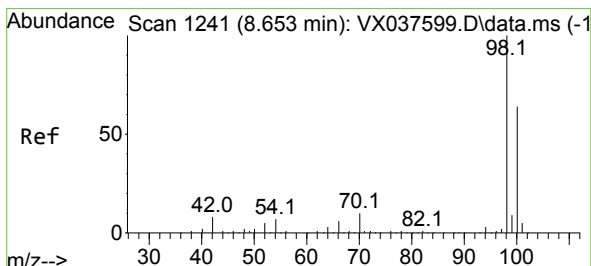
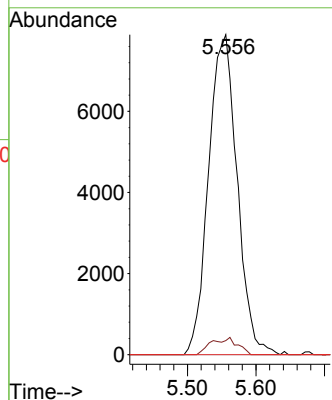
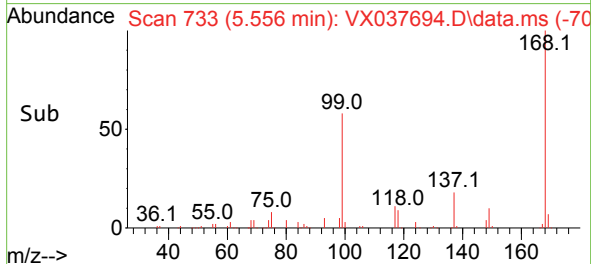


#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :

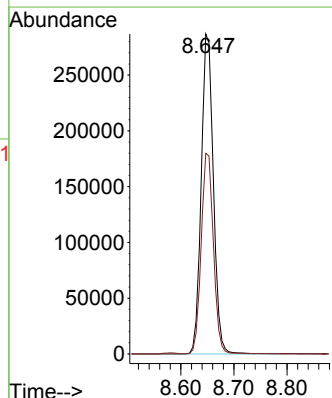
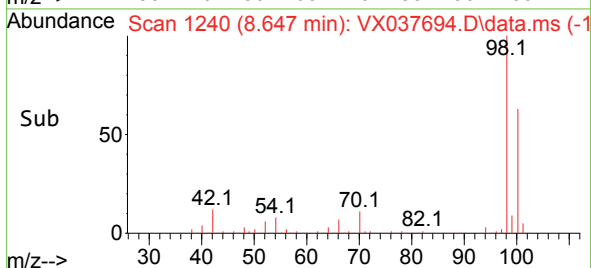
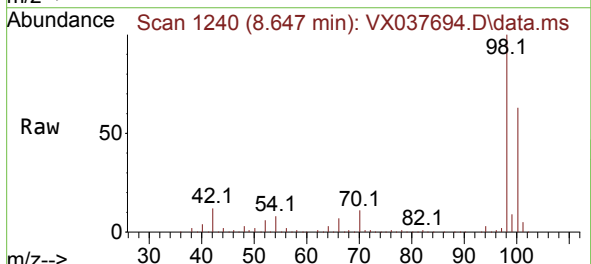


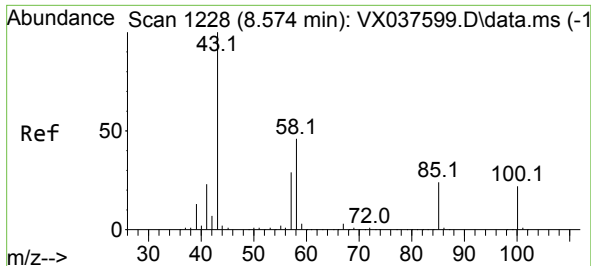
Tgt Ion:117 Resp: 22861
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.879 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Tgt Ion: 98 Resp: 456321
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

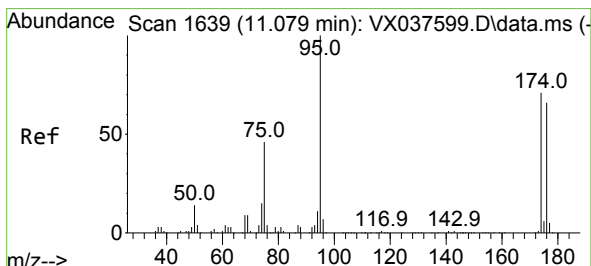
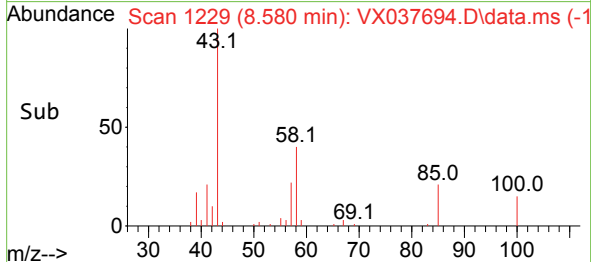
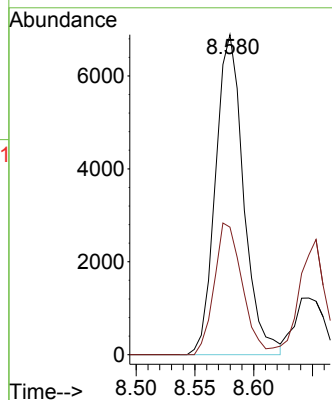
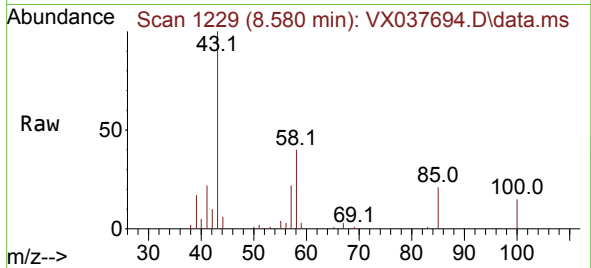




#51
4-Methyl-2-Pentanone
Concen: 2.664 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

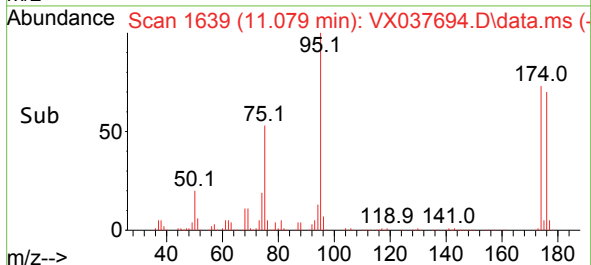
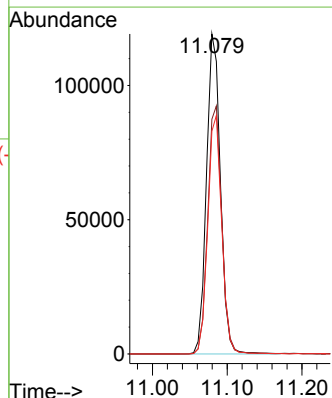
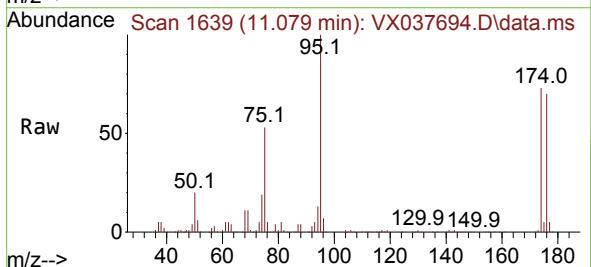
Instrument :
MSVOA_X
ClientSampleId :

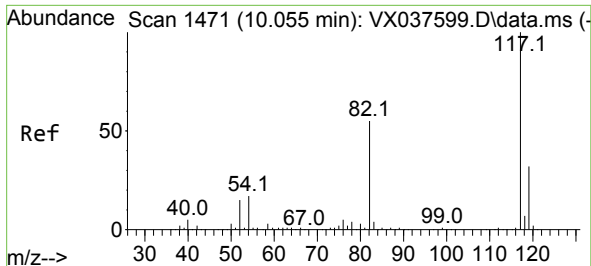
Tgt Ion: 43 Resp: 11456
Ion Ratio Lower Upper
43 100
58 41.2 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 43.019 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

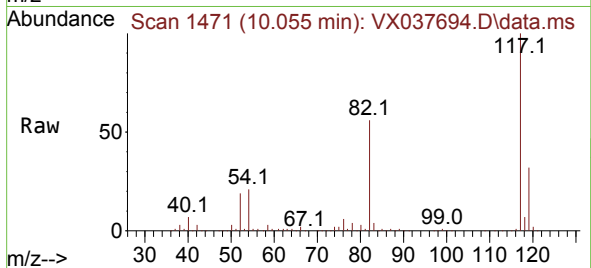
Tgt Ion: 95 Resp: 154364
Ion Ratio Lower Upper
95 100
174 78.2 0.0 135.6
176 74.5 0.0 131.0



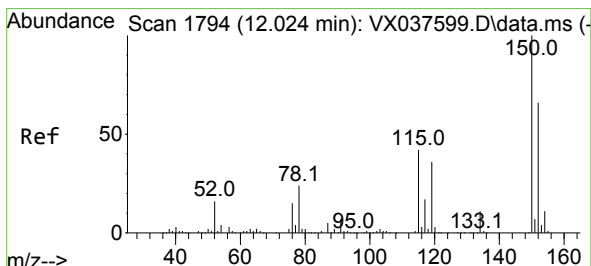
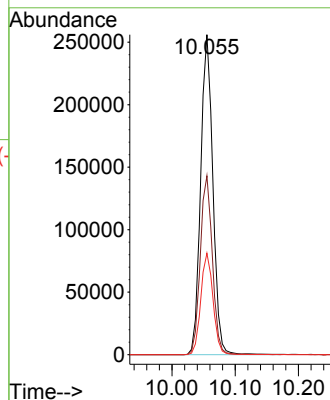
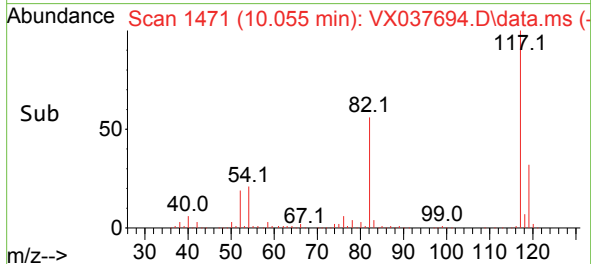


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :

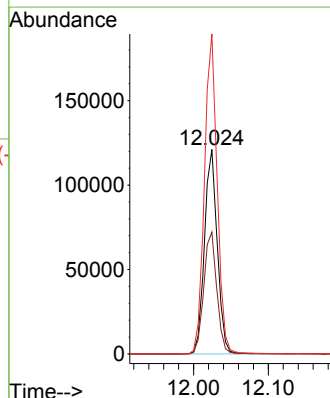
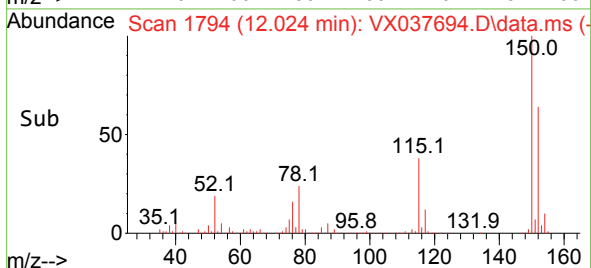
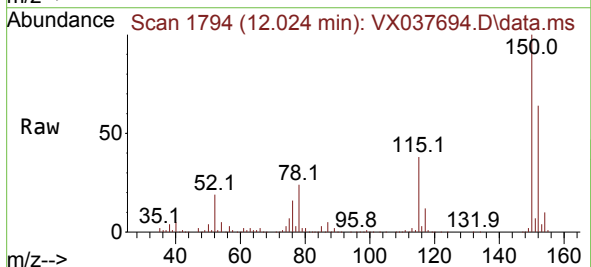


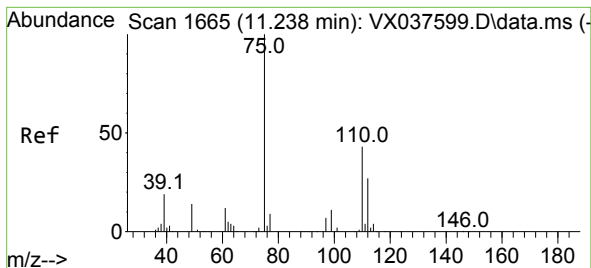
Tgt Ion:117 Resp: 343665
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037694.D
Acq: 13 Sep 2023 14:53

Tgt Ion:152 Resp: 144484
Ion Ratio Lower Upper
152 100
115 60.6 43.3 129.9
150 155.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.032 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX037694.D

Acq: 13 Sep 2023 14:53

Instrument :

MSVOA_X

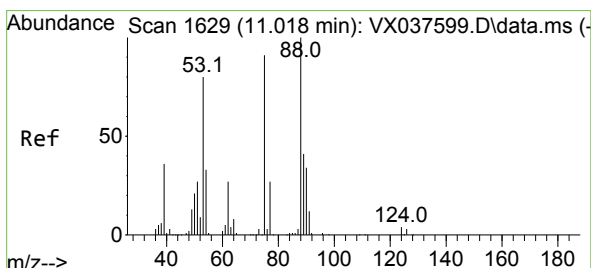
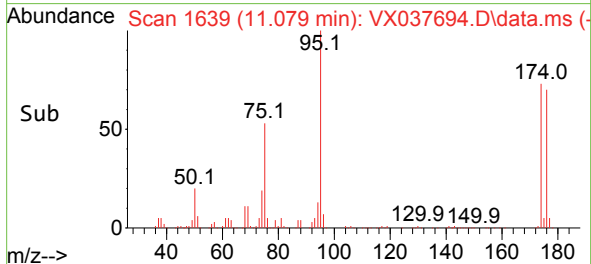
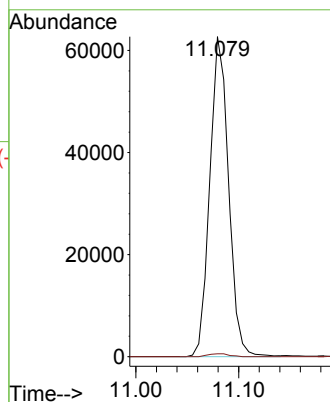
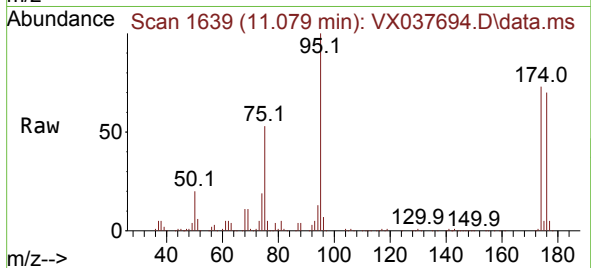
ClientSampleId :

Tgt Ion: 75 Resp: 79511

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.089 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037694.D

Acq: 13 Sep 2023 14:53

Tgt Ion: 75 Resp: 79511

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

