

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091323\
 Data File : VX037700.D
 Acq On : 13 Sep 2023 17:20
 Operator : JC/MD
 Sample : 04351-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 14 02:22:59 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)

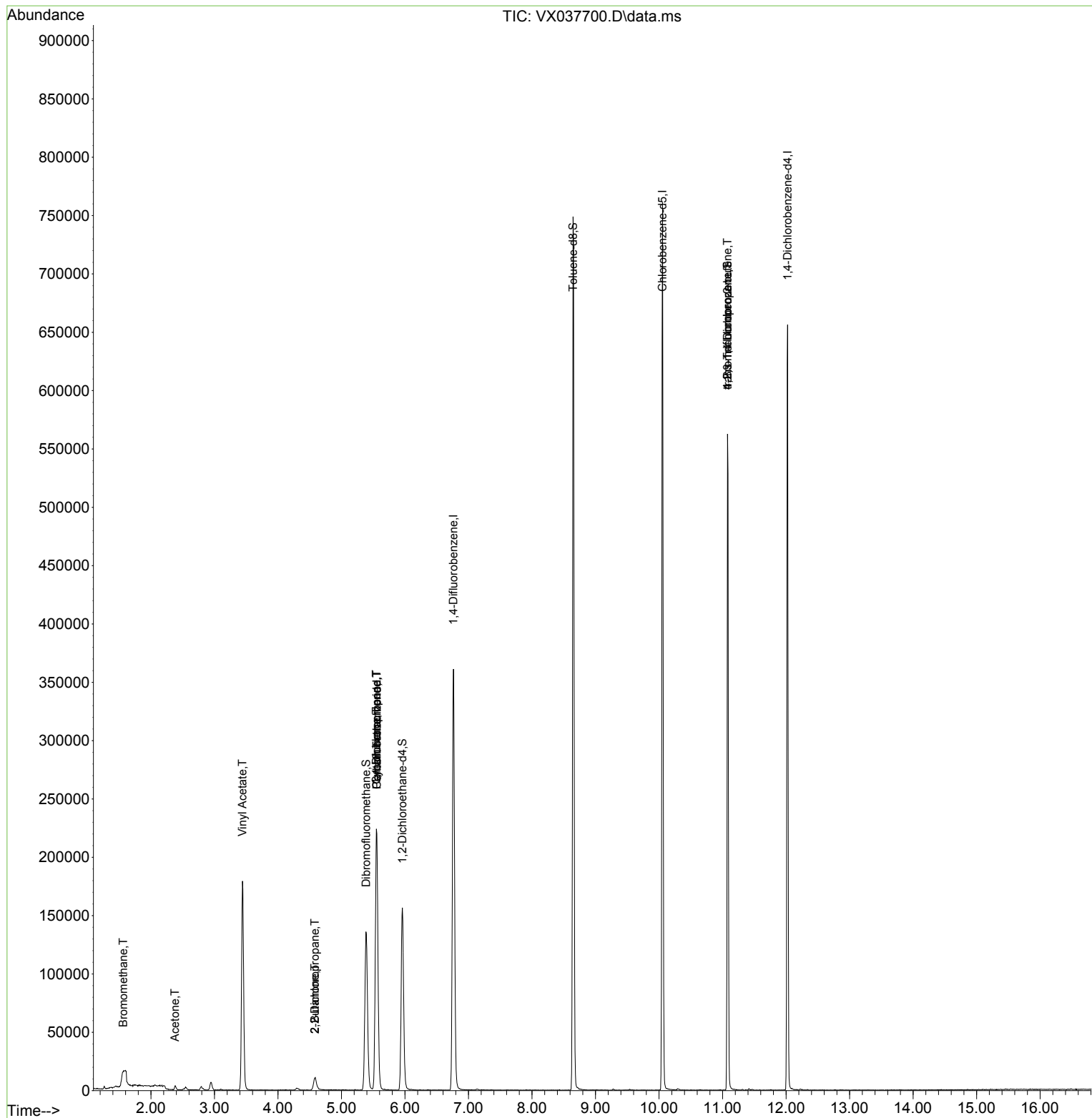
Internal Standards						
1) Pentafluorobenzene	5.556	168	211899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151790	44.275	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	119277	45.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.680%
50) Toluene-d8	8.647	98	451848	45.546	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	148905	41.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.200%
Target Compounds						
					Qvalue	
5) Bromomethane	1.563	94	511	0.205	ug/l #	24
11) Tert butyl alcohol	2.941	59	4409	Below Cal	#	81
16) Acetone	2.380	43	3537	2.552	ug/l	96
20) Methylene Chloride	2.788	84	1539	Below Cal	#	77
23) Vinyl Acetate	3.440	43	40067	6.602	ug/l #	49
25) 2-Butanone	4.580	43	755	0.334	ug/l #	51
26) 2,2-Dichloropropane	4.580	77	718	0.213	ug/l #	54
31) Cyclohexane	5.550	56	4890	1.239	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	17360	4.851	ug/l #	51
38) Carbon Tetrachloride	5.556	117	21758	5.952	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	77476	25.814	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	77476	78.468	ug/l #	5

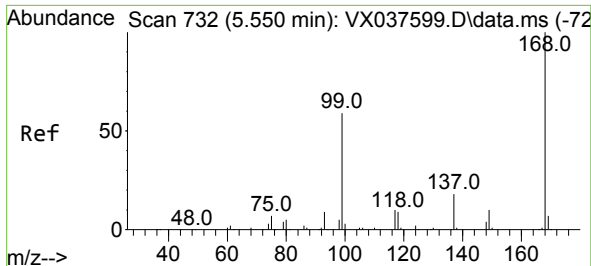
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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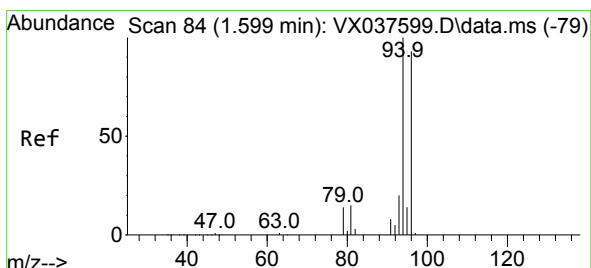
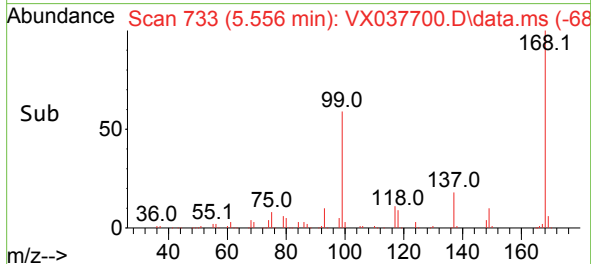
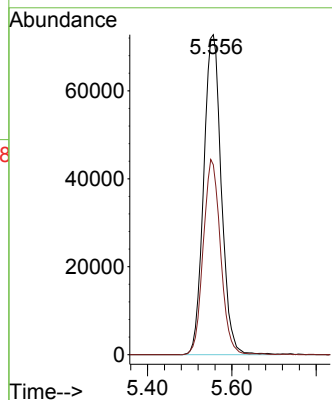
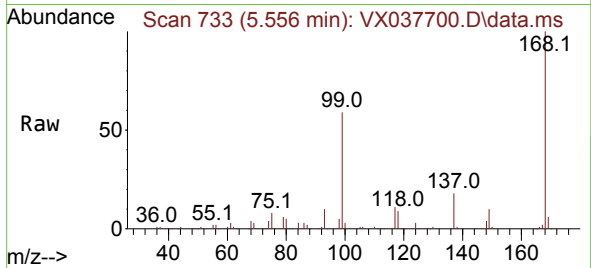




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

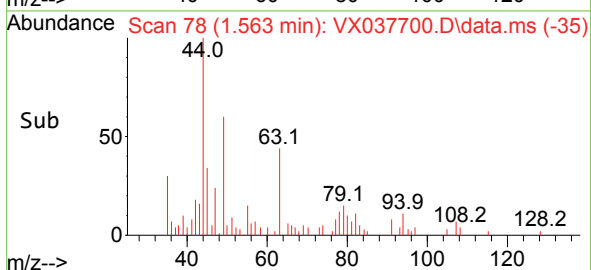
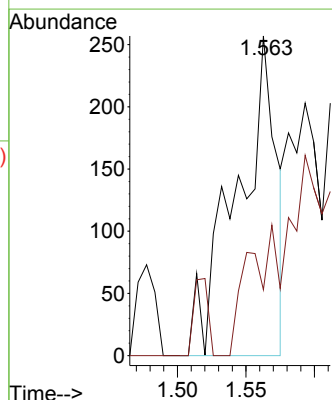
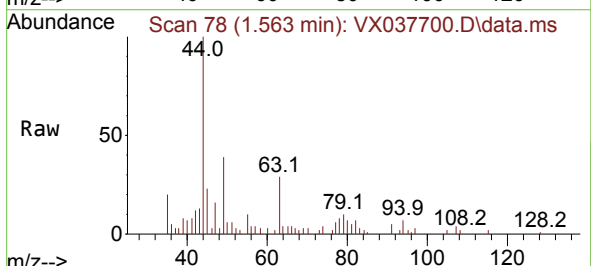
Instrument :
MSVOA_X
ClientSampleId :

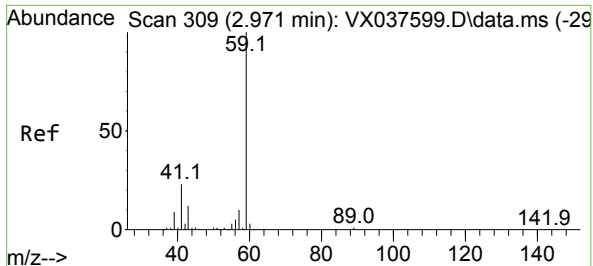
Tgt Ion:168 Resp: 211899
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#5
Bromomethane
Concen: 0.205 ug/l
RT: 1.563 min Scan# 78
Delta R.T. -0.037 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 20.6 74.6 111.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 309

Delta R.T. -0.030 min

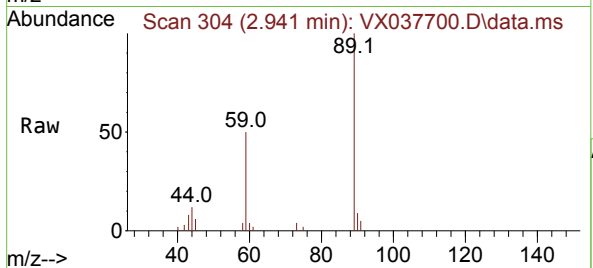
Lab File: VX037700.D

Acq: 13 Sep 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

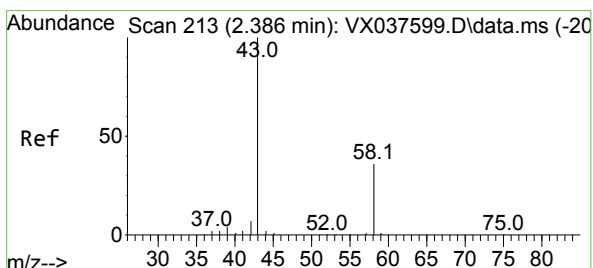
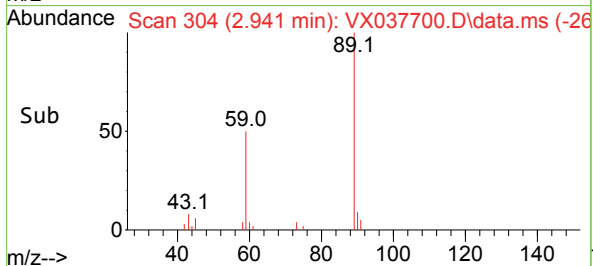
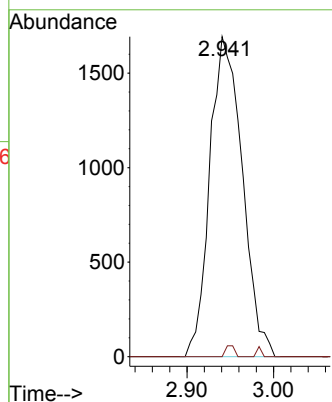


Tgt Ion: 59 Resp: 4409

Ion Ratio Lower Upper

59 100

57 1.0 6.0 9.0#



#16

Acetone

Concen: 2.552 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037700.D

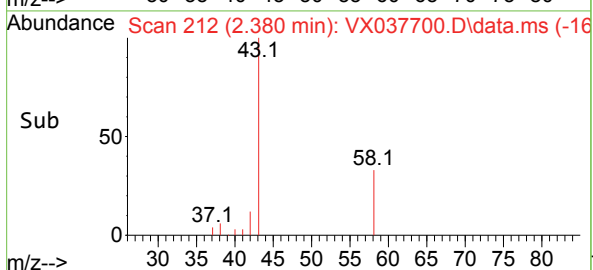
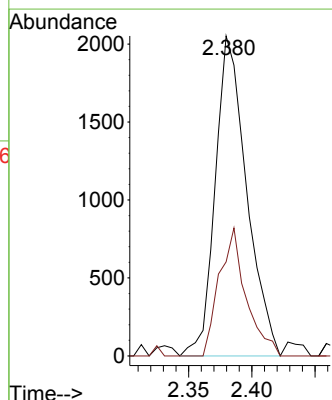
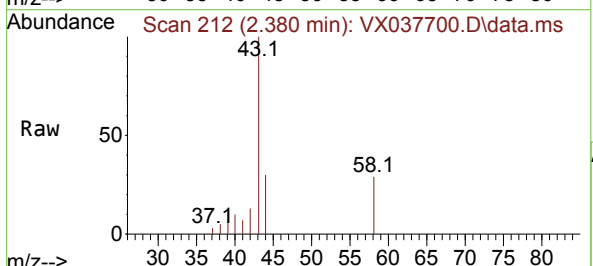
Acq: 13 Sep 2023 17:20

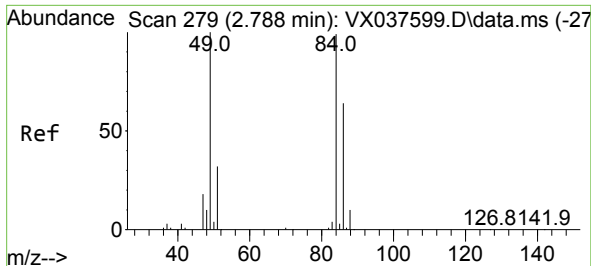
Tgt Ion: 43 Resp: 3537

Ion Ratio Lower Upper

43 100

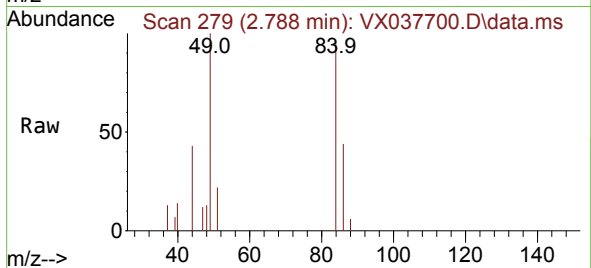
58 29.4 21.9 32.9





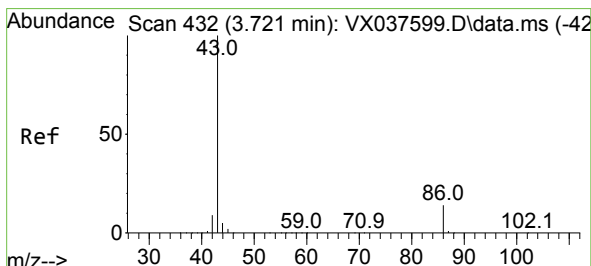
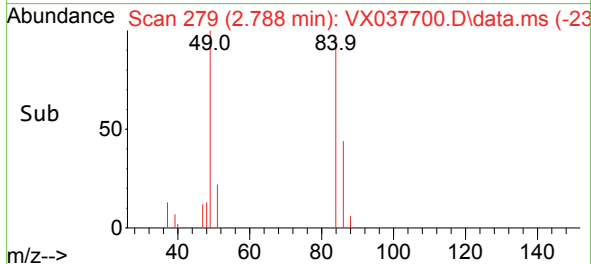
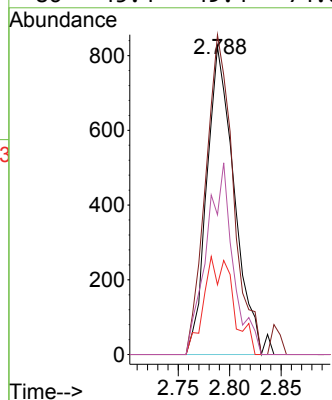
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1539

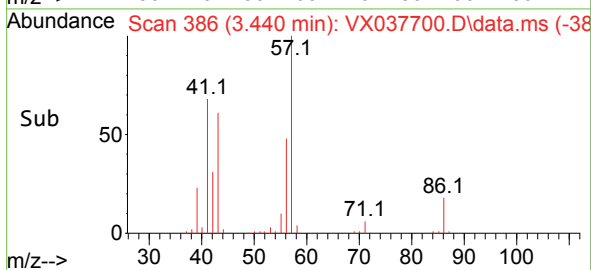
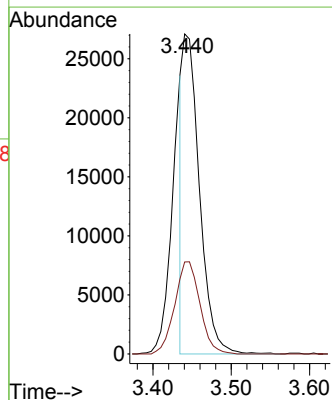
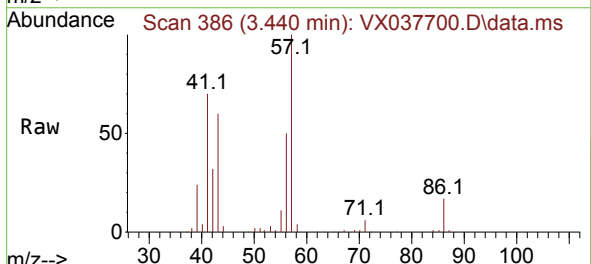
Ion	Ratio	Lower	Upper
84	100		
49	103.9	103.6	155.4
51	22.7	33.8	50.6#
86	45.4	49.4	74.0#

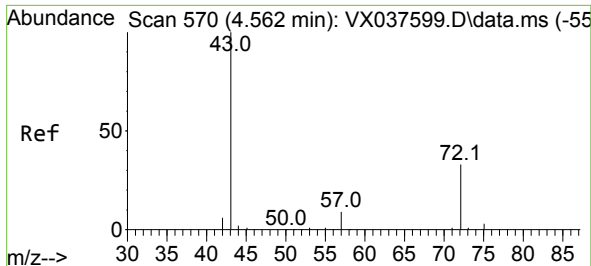


#23
Vinyl Acetate
Concen: 6.602 ug/l
RT: 3.440 min Scan# 386
Delta R.T. -0.280 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Tgt Ion: 43 Resp: 40067

Ion	Ratio	Lower	Upper
43	100		
86	28.7	7.8	11.8#

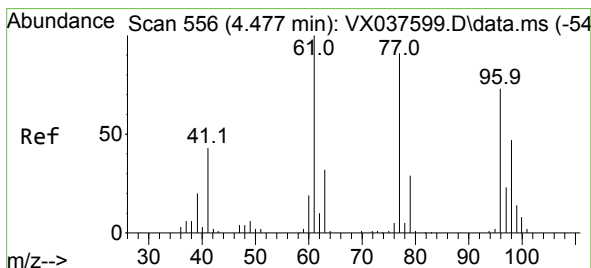
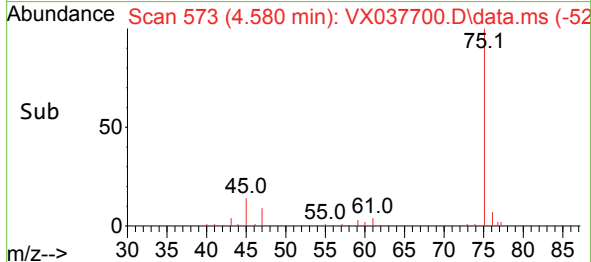
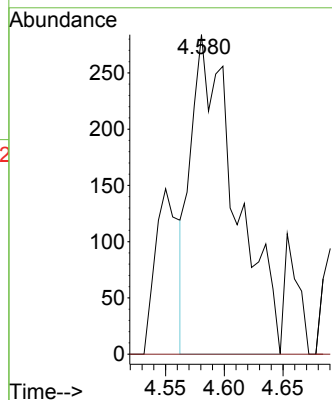
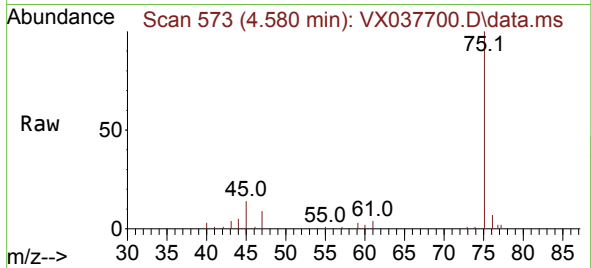




#25
2-Butanone
Concen: 0.334 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

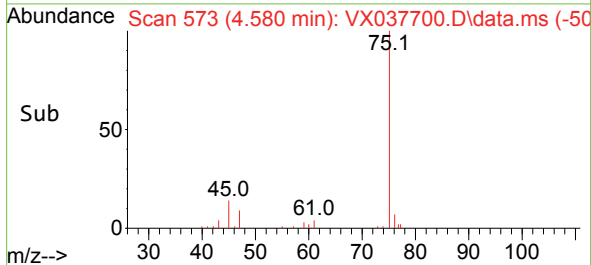
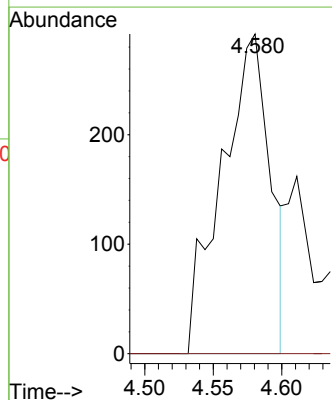
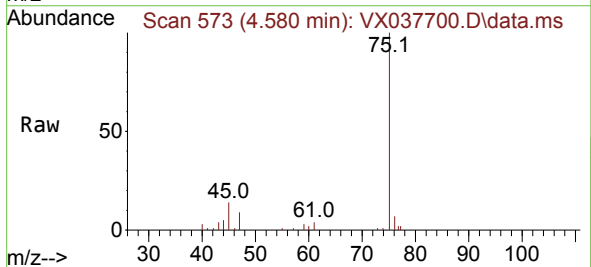
Instrument :
MSVOA_X
ClientSampleId :

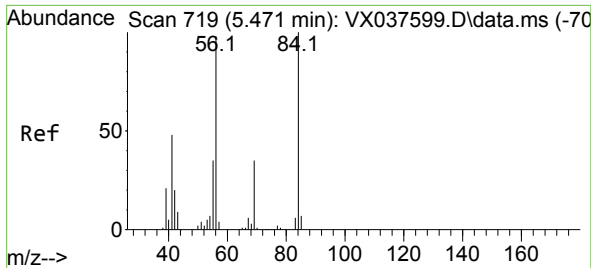
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.213 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.104 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

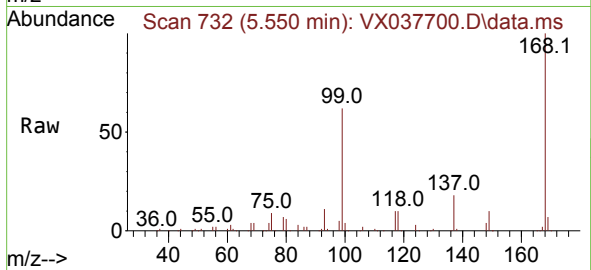
Tgt Ion: 77 Resp: 718
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



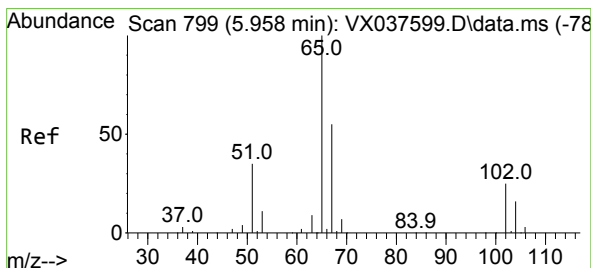
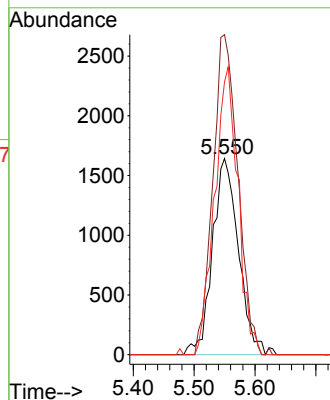
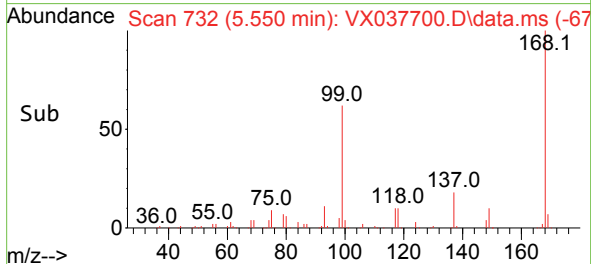


#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Instrument :
MSVOA_X
ClientSampleId :

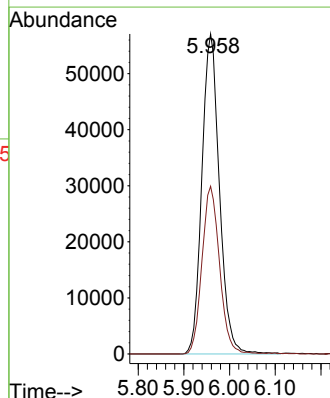
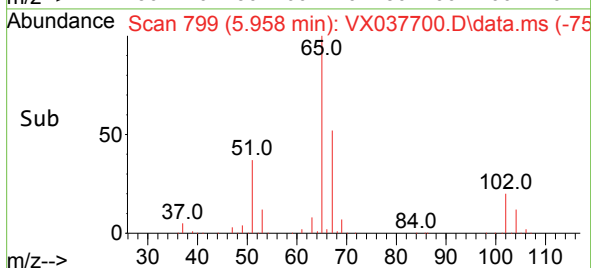
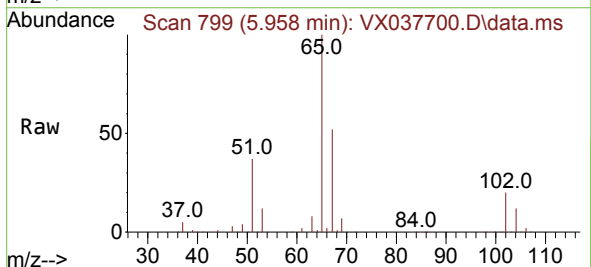


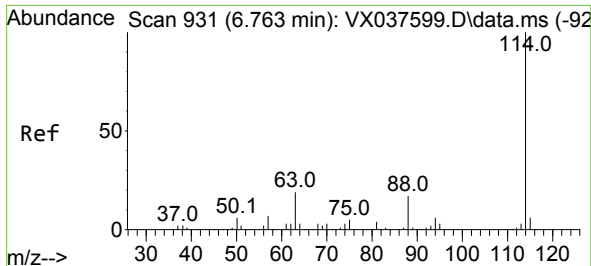
Tgt Ion: 56 Resp: 4890
Ion Ratio Lower Upper
56 100
69 163.1 23.4 35.2#
84 139.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.275 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Tgt Ion: 65 Resp: 151790
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

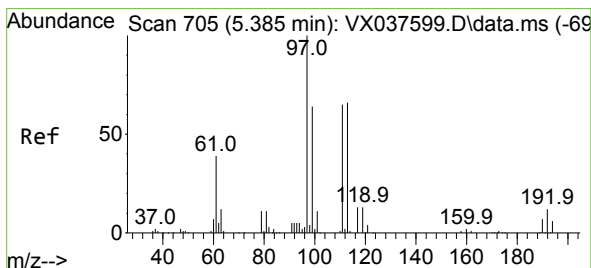
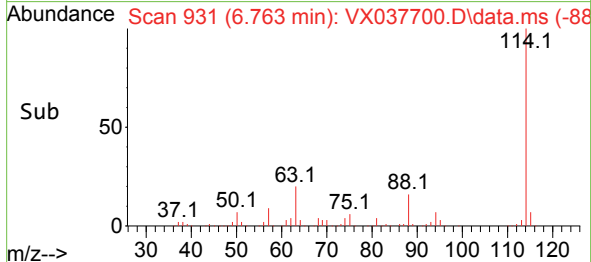
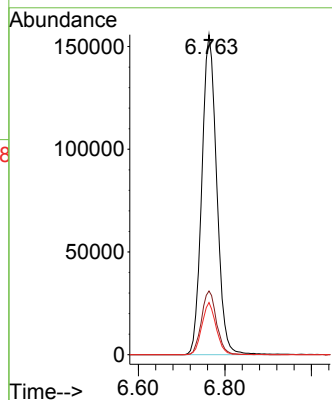
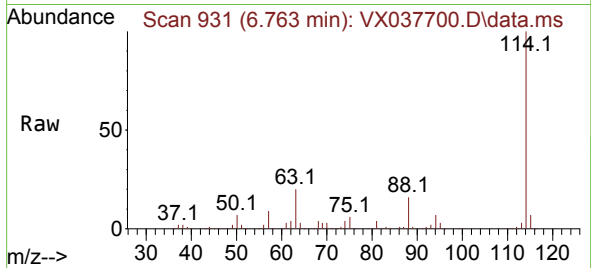




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

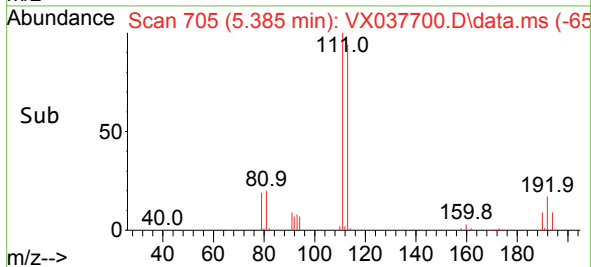
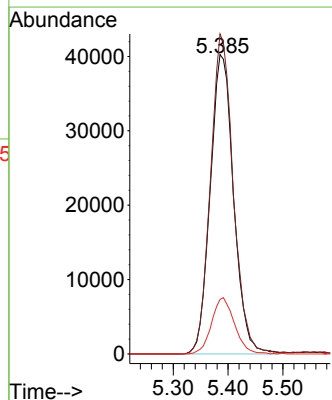
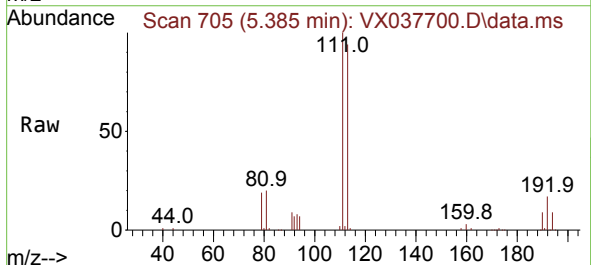
Instrument :
MSVOA_X
ClientSampleId :

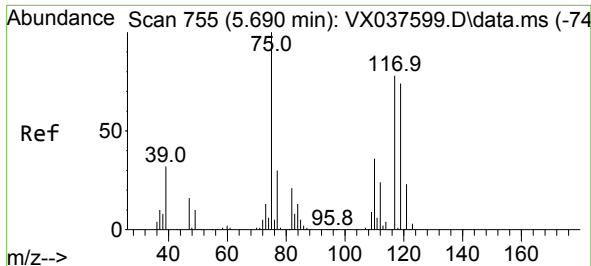
Tgt Ion:114 Resp: 371111
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Tgt Ion:113 Resp: 119277
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.5 13.3 19.9

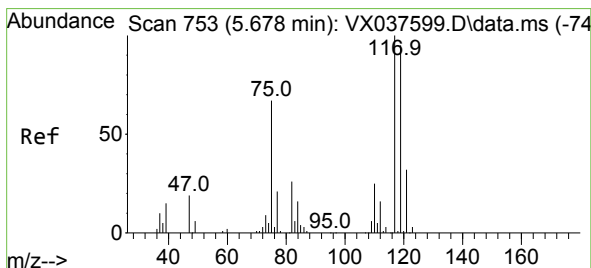
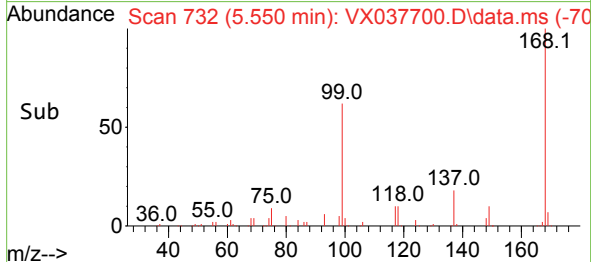
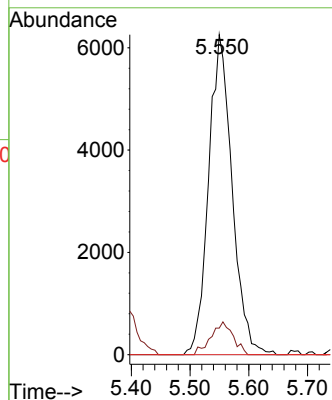
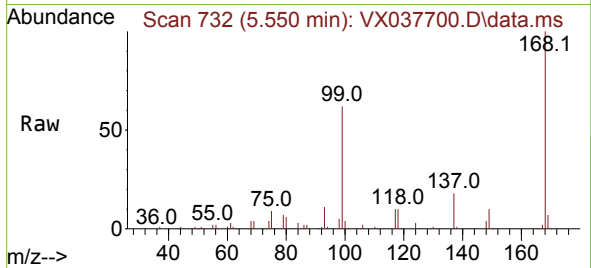




#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

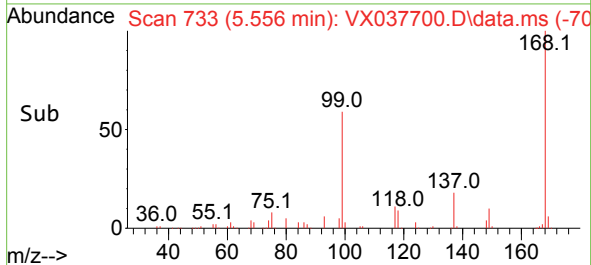
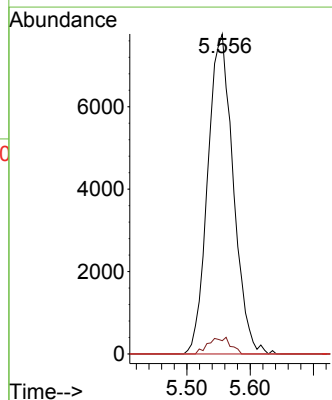
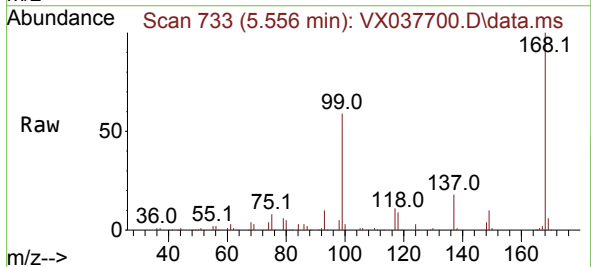
Instrument :
MSVOA_X
ClientSampleId :

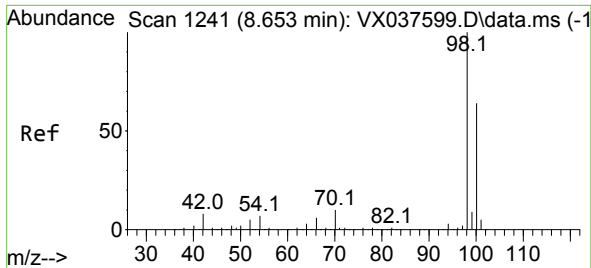
Tgt Ion: 75 Resp: 17360
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.952 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Tgt Ion: 117 Resp: 21758
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

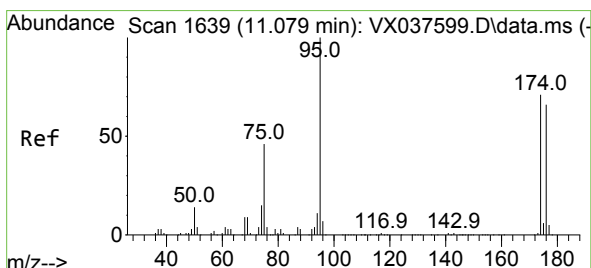
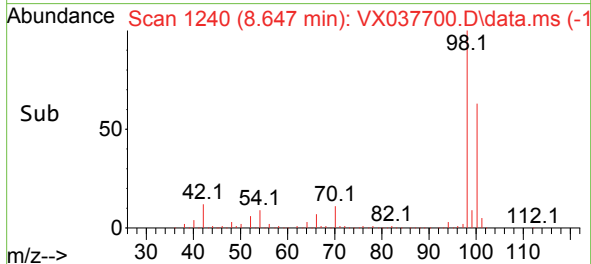
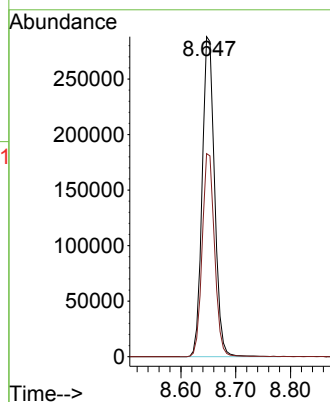
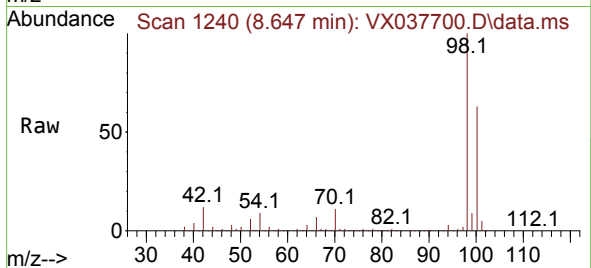




#50
Toluene-d8
Concen: 45.546 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

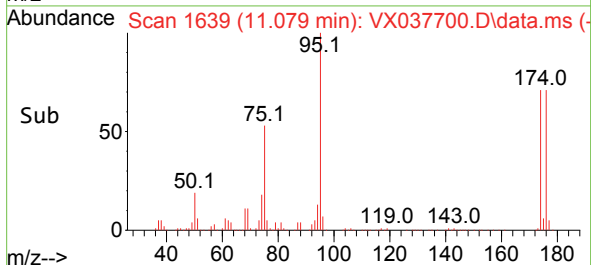
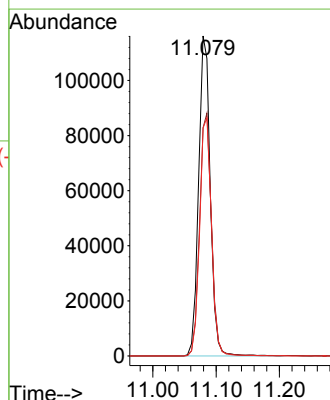
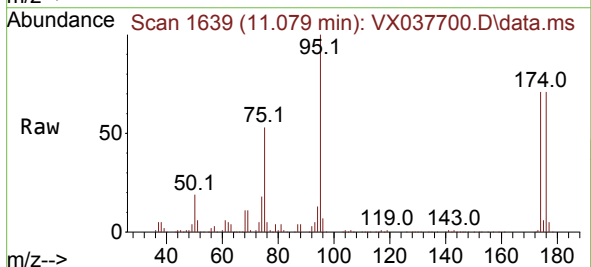
Instrument :
MSVOA_X
ClientSampleId :

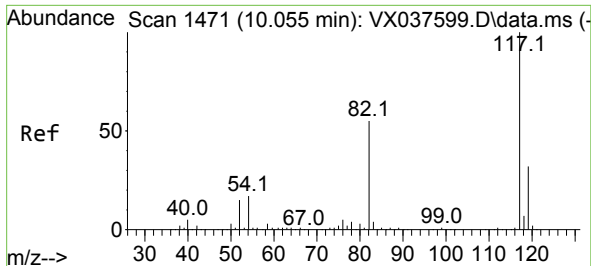
Tgt Ion: 98 Resp: 451848
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 41.604 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Tgt Ion: 95 Resp: 148905
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 75.9 0.0 131.0

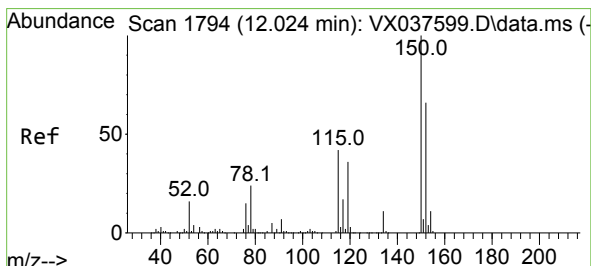
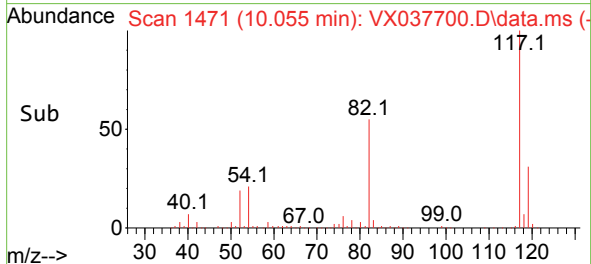
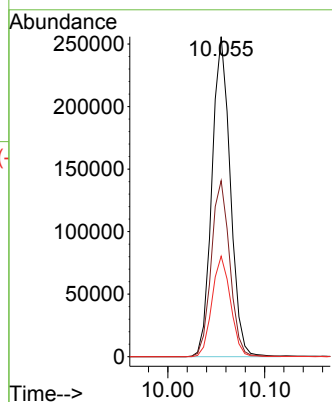
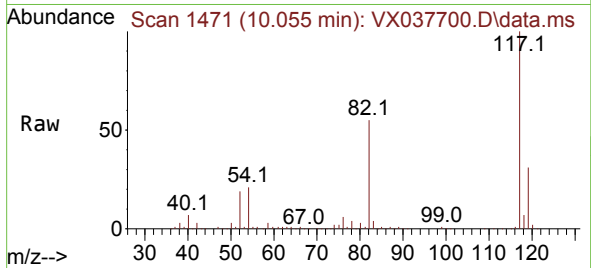




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

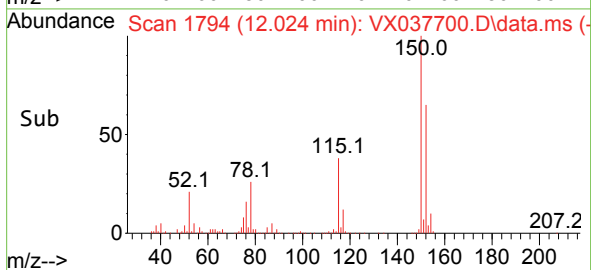
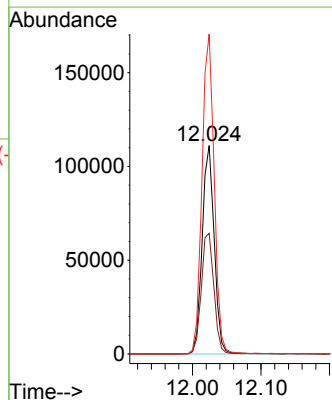
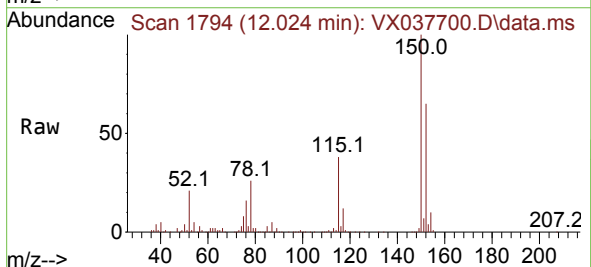
Instrument :
MSVOA_X
ClientSampleId :

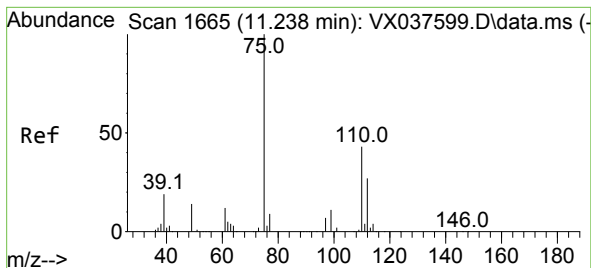
Tgt Ion:117 Resp: 337594
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037700.D
Acq: 13 Sep 2023 17:20

Tgt Ion:152 Resp: 136517
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 155.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.814 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037700.D

Acq: 13 Sep 2023 17:20

Instrument :

MSVOA_X

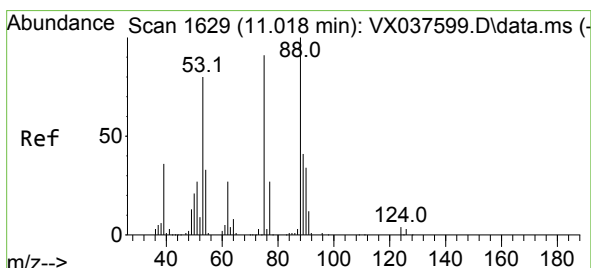
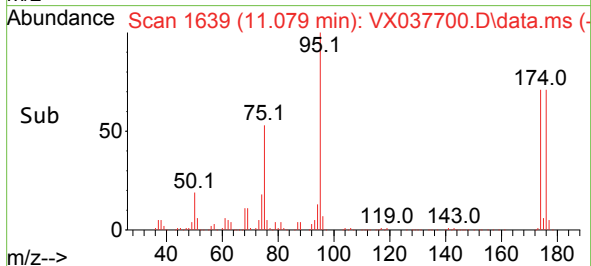
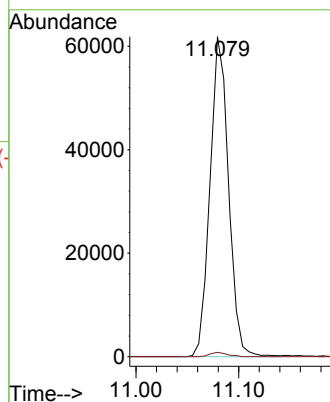
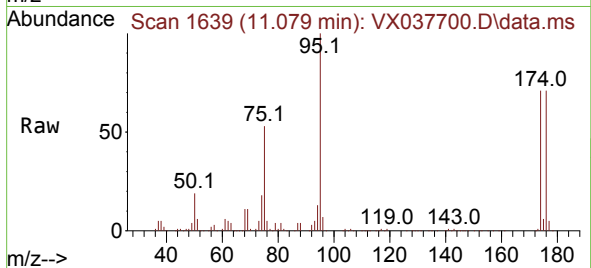
ClientSampleId :

Tgt Ion: 75 Resp: 77476

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037700.D

Acq: 13 Sep 2023 17:20

Tgt Ion: 75 Resp: 77476

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

