

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037872.D
 Acq On : 22 Sep 2023 12:41
 Operator : JC/MD
 Sample : 04578-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 01:24:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

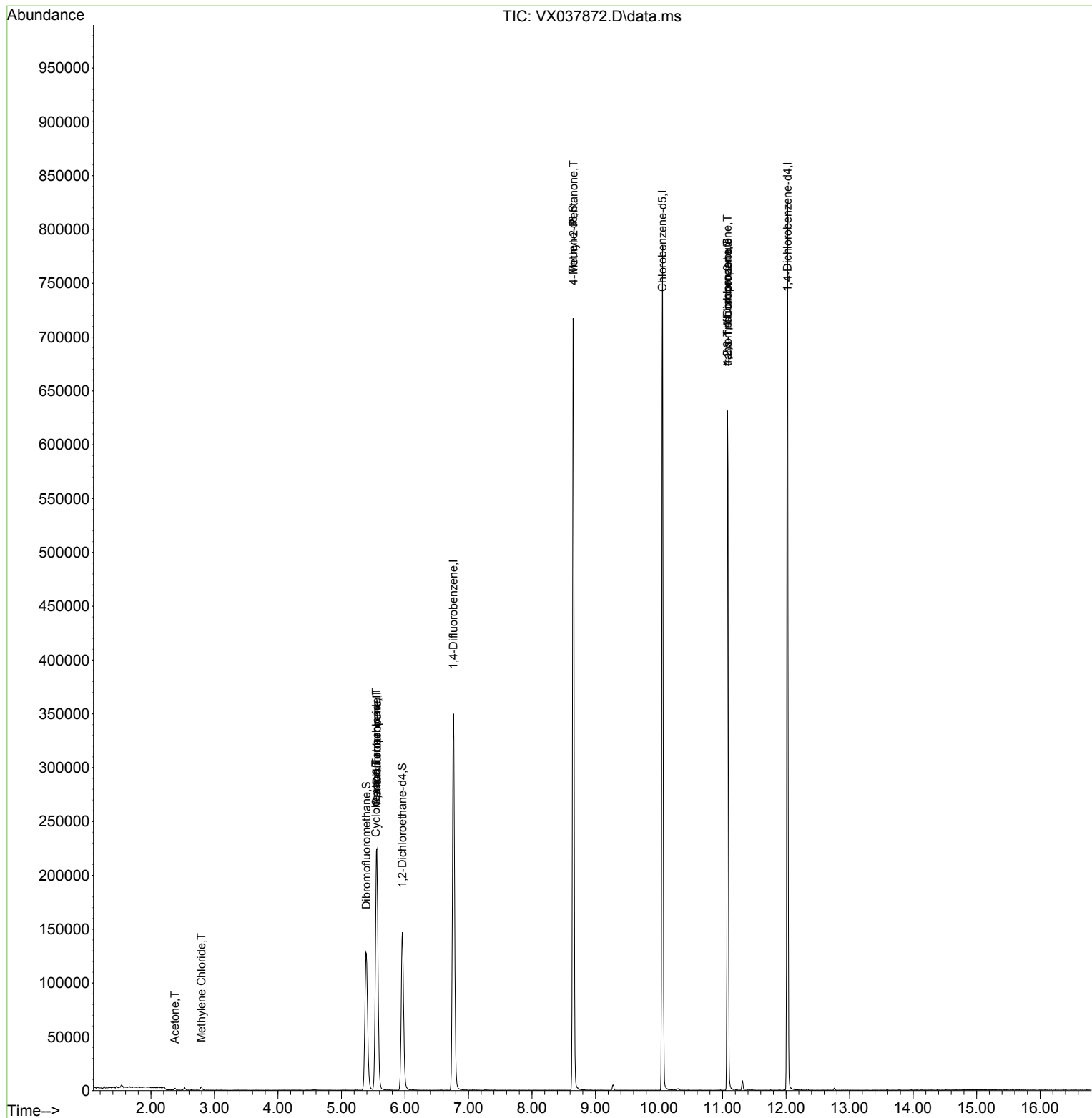
Internal Standards						
1) Pentafluorobenzene	5.556	168	215207	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	371753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136449	48.258	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.520%		
35) Dibromofluoromethane	5.391	113	114780	46.144	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.280%		
50) Toluene-d8	8.647	98	451530	48.855	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.700%		
62) 4-Bromofluorobenzene	11.079	95	163513	48.687	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.380%		
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1740	1.279	ug/l #	84
20) Methylene Chloride	2.794	84	1441	0.548	ug/l	89
31) Cyclohexane	5.544	56	2605	0.718	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	16903	4.933	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21208	5.915	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1916	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84314	20.540	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	84314	65.796	ug/l #	5

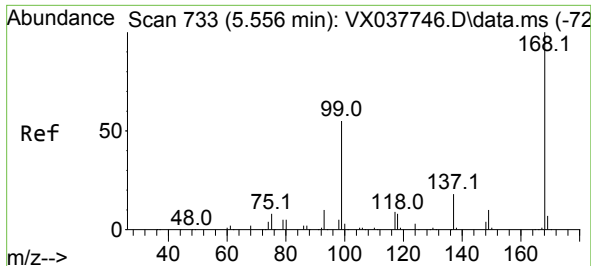
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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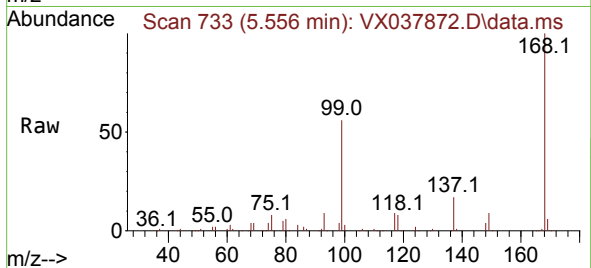
Quant Time: Sep 23 01:24:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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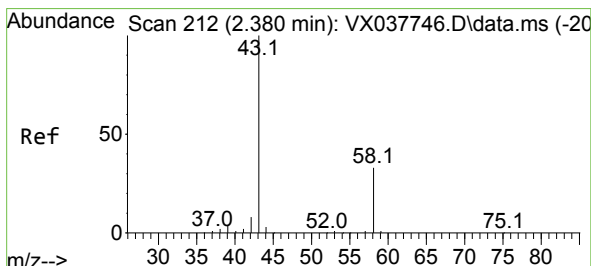
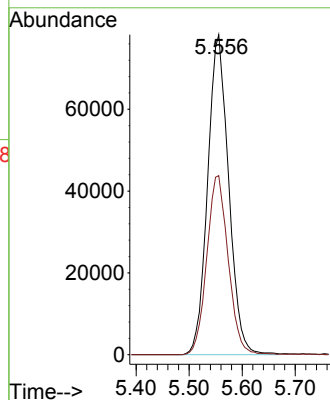
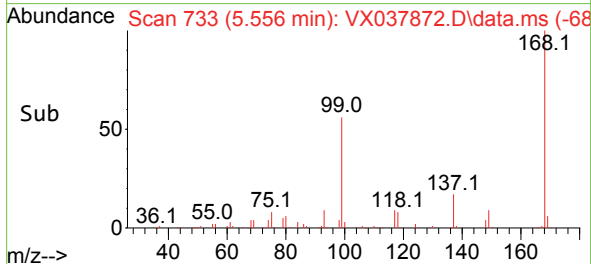


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :

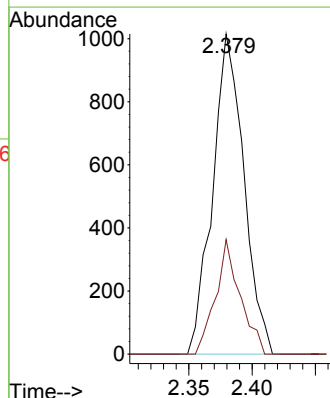
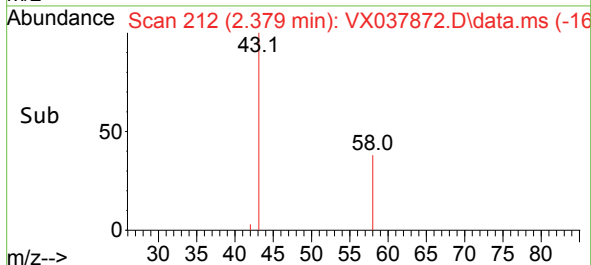
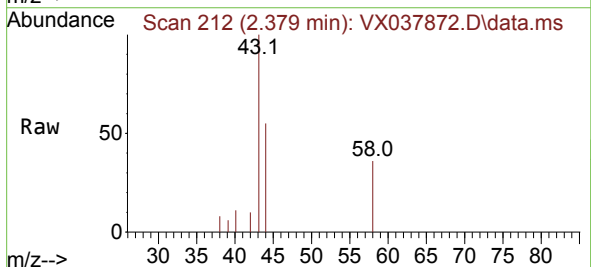


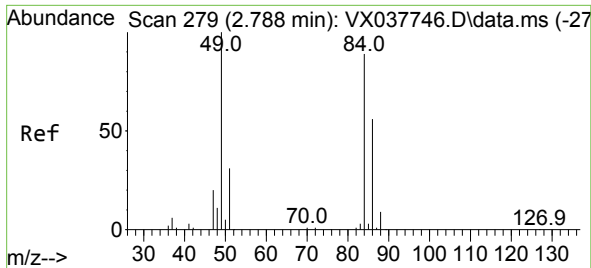
Tgt Ion:168 Resp: 215207
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#16
Acetone
Concen: 1.279 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

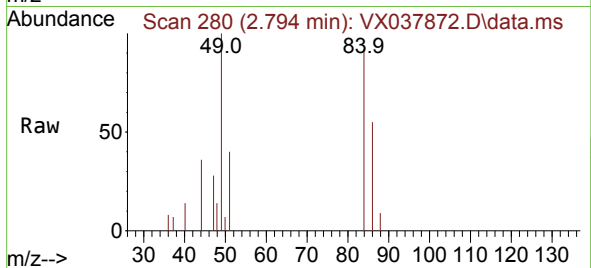
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#



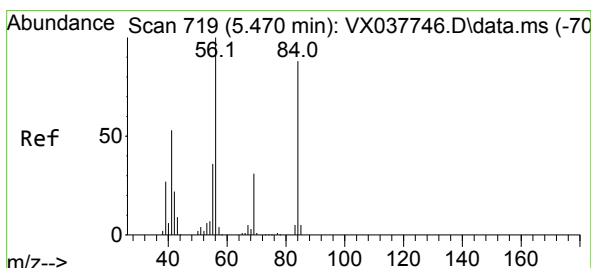
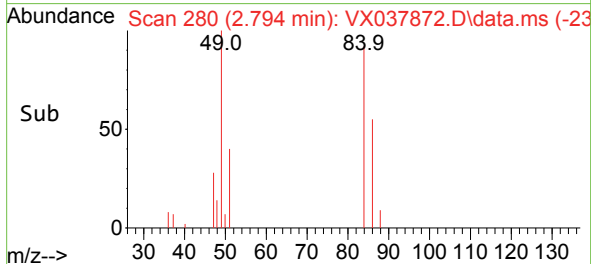
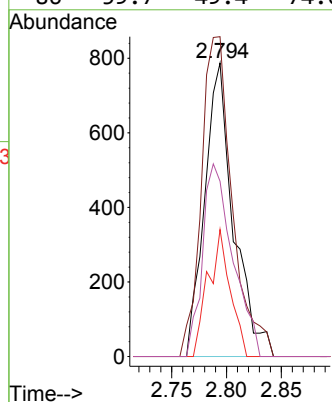


#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :

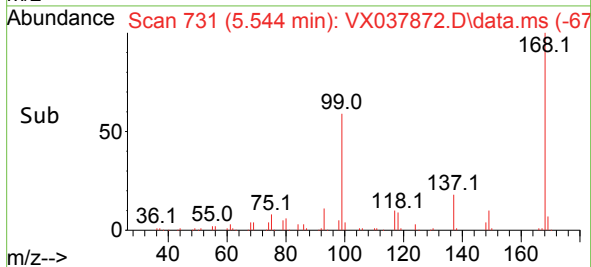
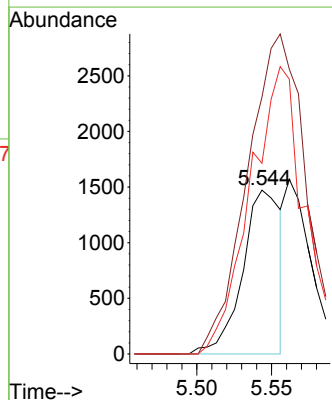
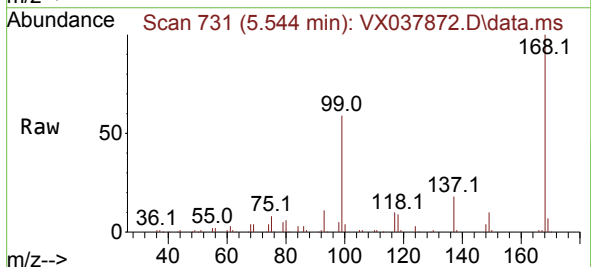


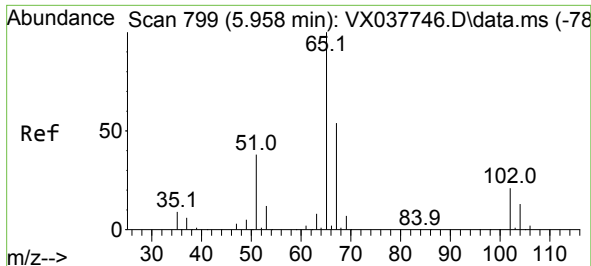
Tgt Ion:	84	Resp:	1441
Ion	Ratio	Lower	Upper
84	100		
49	109.0	103.6	155.4
51	43.3	33.8	50.6
86	59.7	49.4	74.0



#31
Cyclohexane
Concen: 0.718 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

Tgt Ion:	56	Resp:	2605
Ion	Ratio	Lower	Upper
56	100		
69	156.8	23.4	35.2#
84	116.4	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.258 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037872.D

Acq: 22 Sep 2023 12:41

Instrument :

MSVOA_X

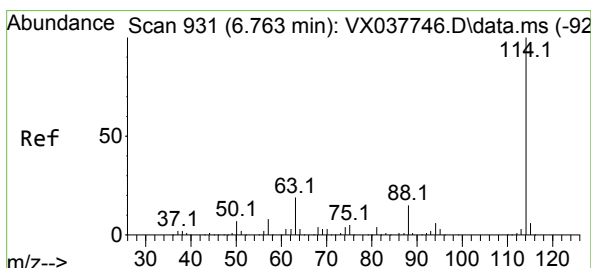
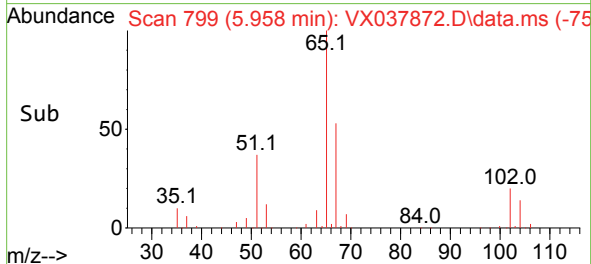
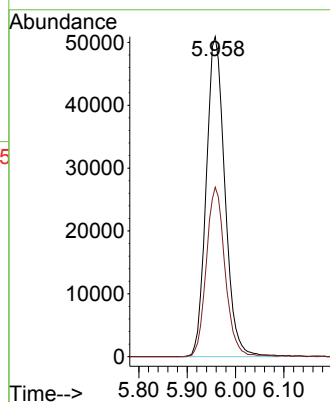
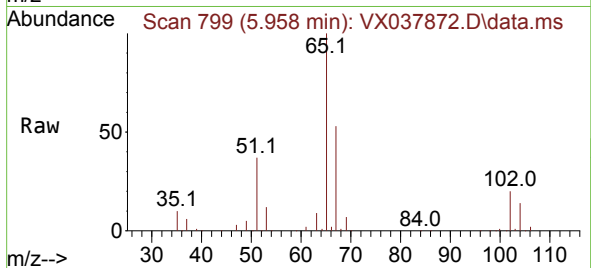
ClientSampleId :

Tgt Ion: 65 Resp: 136449

Ion Ratio Lower Upper

65 100

67 53.3 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: VX037872.D

Acq: 22 Sep 2023 12:41

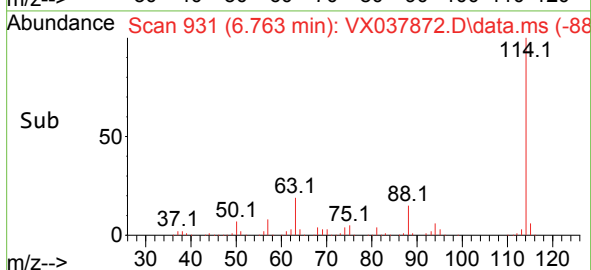
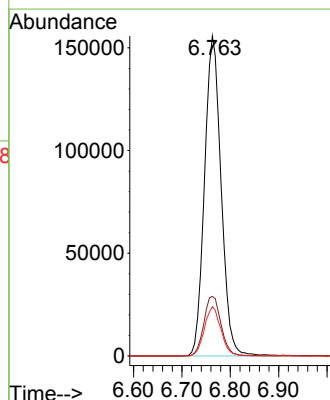
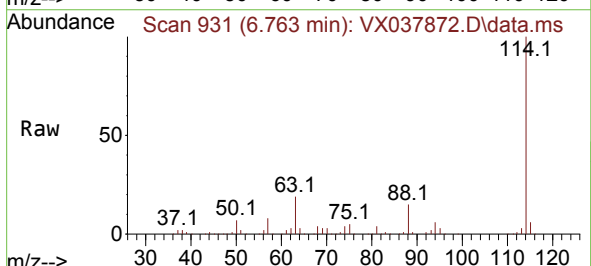
Tgt Ion: 114 Resp: 371753

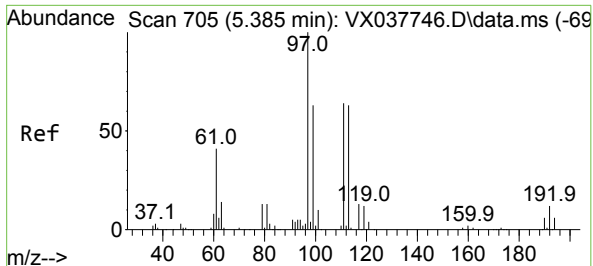
Ion Ratio Lower Upper

114 100

63 18.6 0.0 45.0

88 15.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.144 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

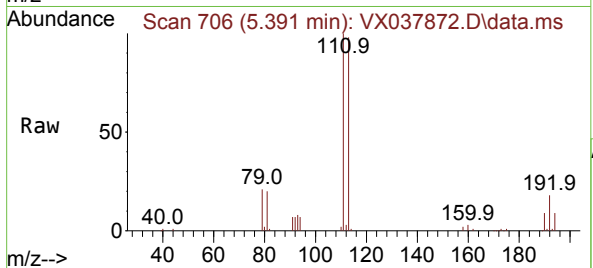
Lab File: VX037872.D

Acq: 22 Sep 2023 12:41

Instrument :

MSVOA_X

ClientSampleId :



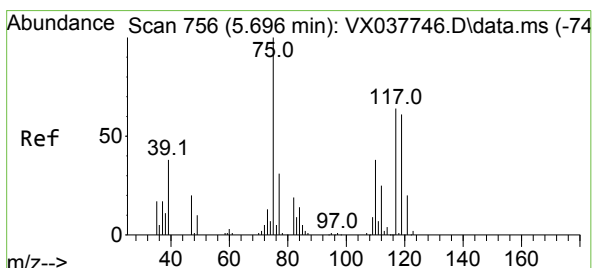
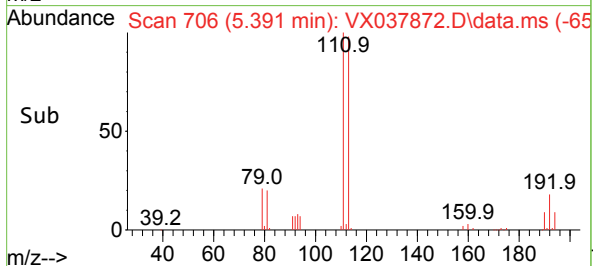
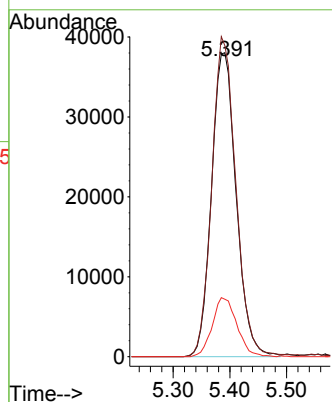
Tgt Ion:113 Resp: 114780

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 19.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.933 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX037872.D

Acq: 22 Sep 2023 12:41

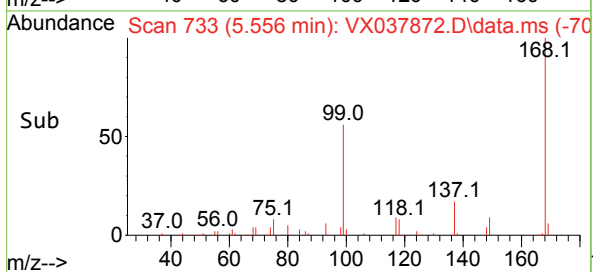
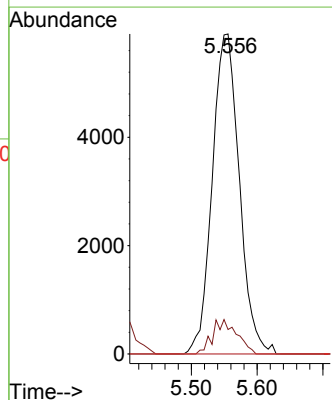
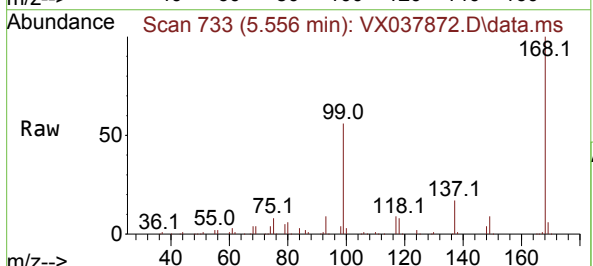
Tgt Ion: 75 Resp: 16903

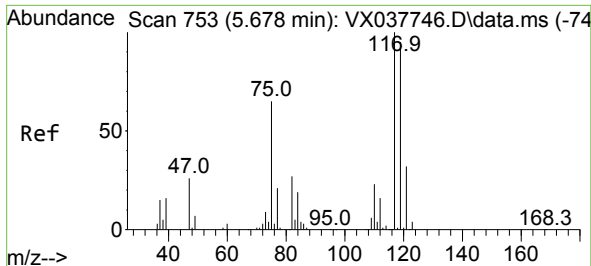
Ion Ratio Lower Upper

75 100

110 9.6 17.0 50.9#

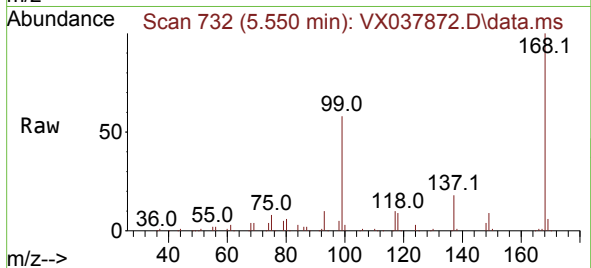
77 0.0 24.7 37.1#



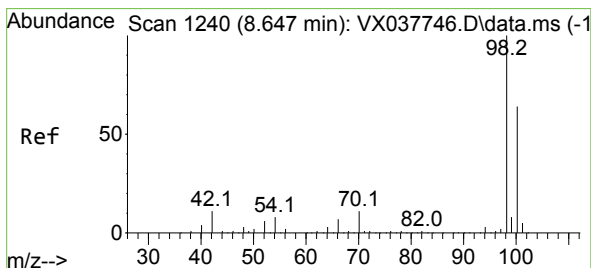
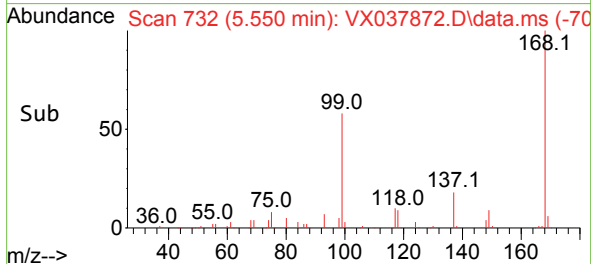
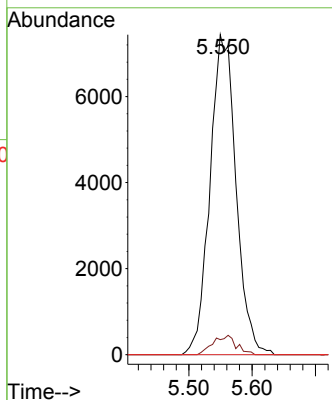


#38
Carbon Tetrachloride
Concen: 5.915 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

Instrument :
MSVOA_X
ClientSampleId :

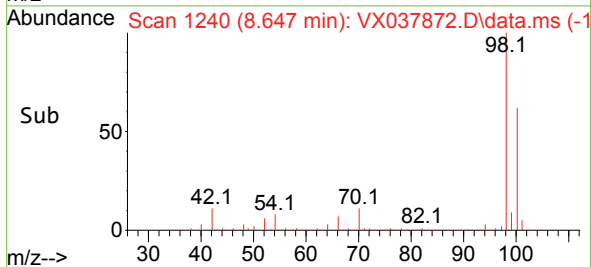
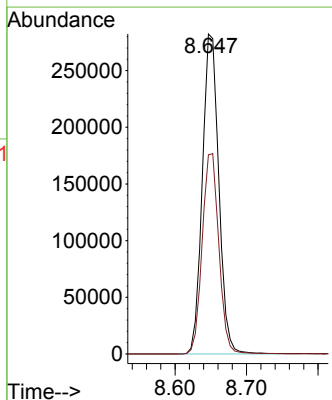
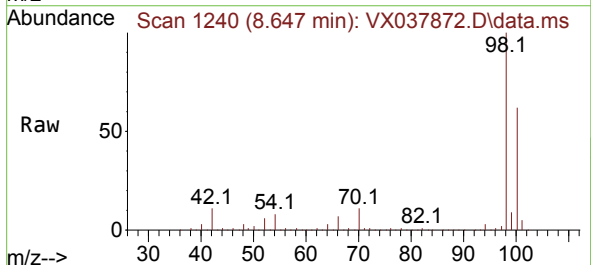


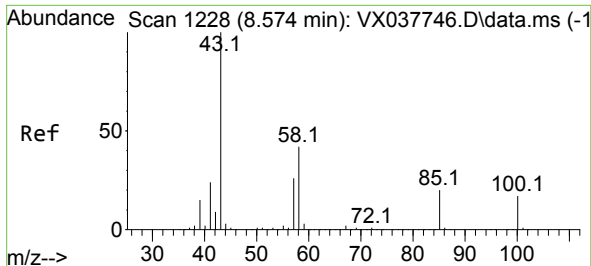
Tgt Ion:117 Resp: 21208
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.855 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

Tgt Ion: 98 Resp: 451530
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

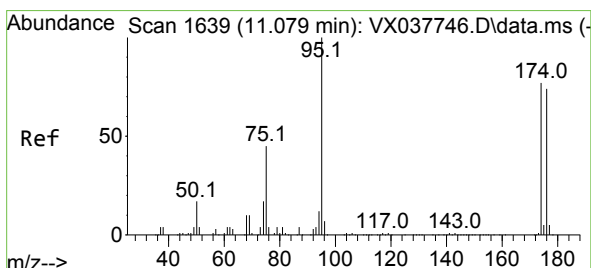
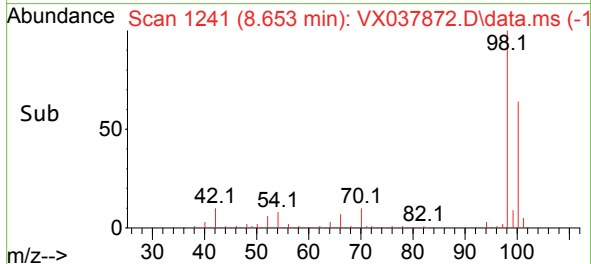
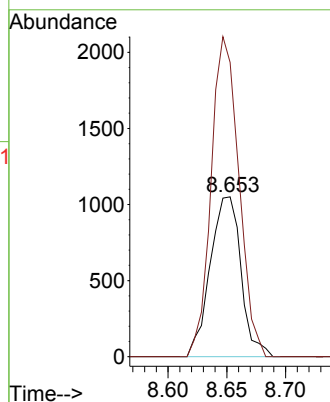
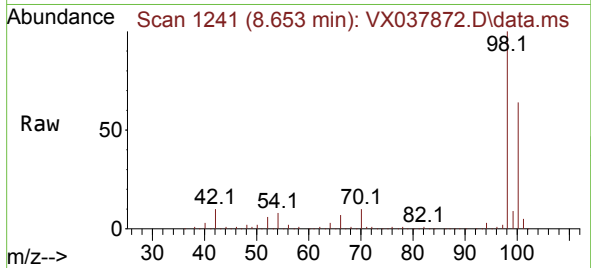




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

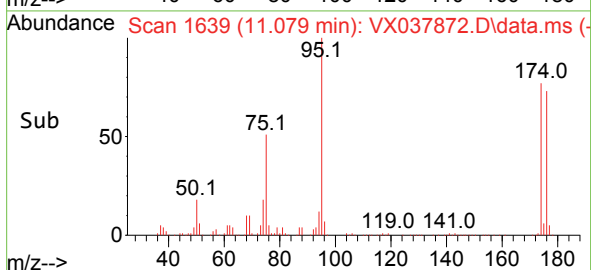
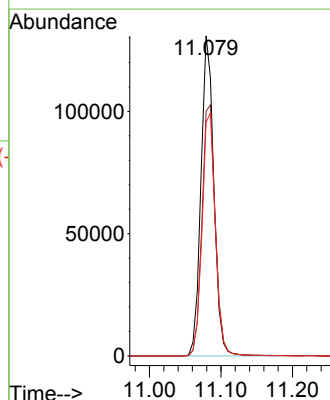
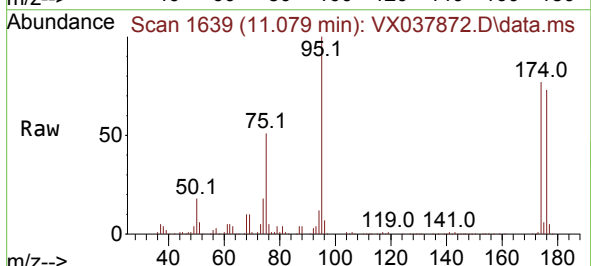
Instrument :
MSVOA_X
ClientSampleId :

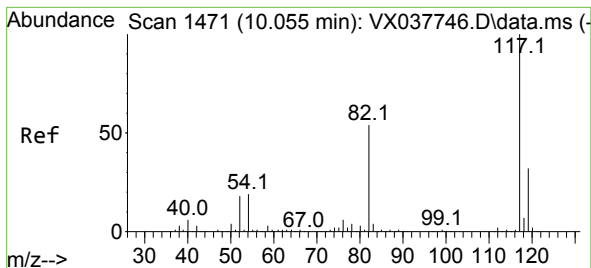
Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
58 180.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.687 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

Tgt Ion: 95 Resp: 163513
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 78.6 0.0 131.0

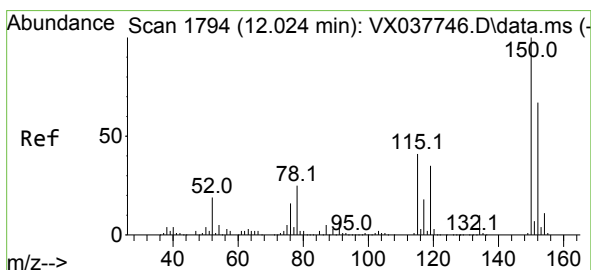
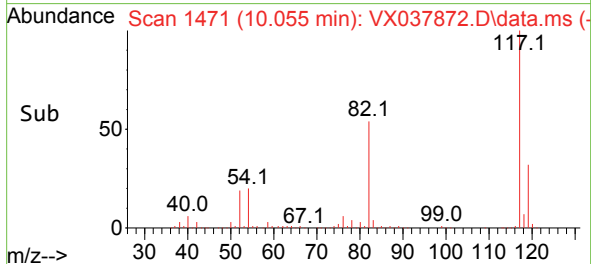
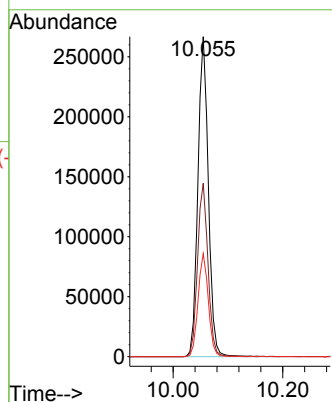
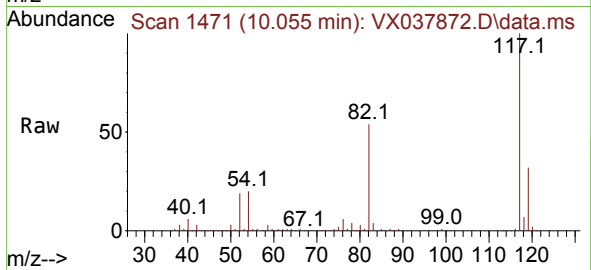




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

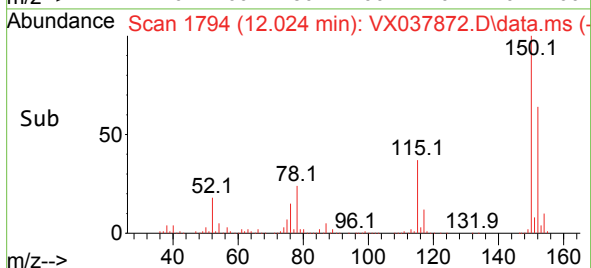
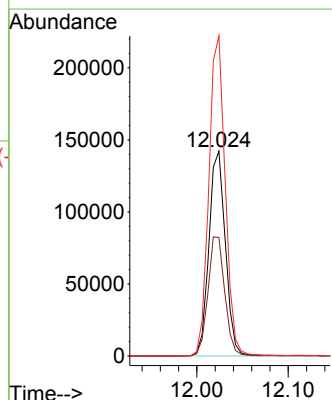
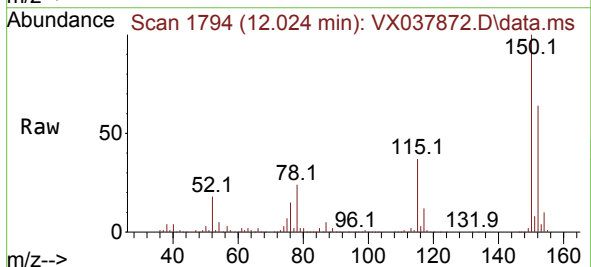
Instrument :
MSVOA_X
ClientSampleId :

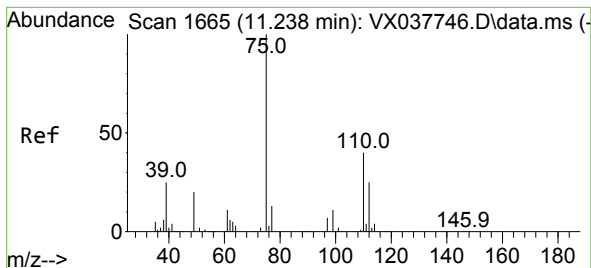
Tgt Ion:117 Resp: 354258
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037872.D
Acq: 22 Sep 2023 12:41

Tgt Ion:152 Resp: 177479
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.540 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037872.D

Acq: 22 Sep 2023 12:41

Instrument :

MSVOA_X

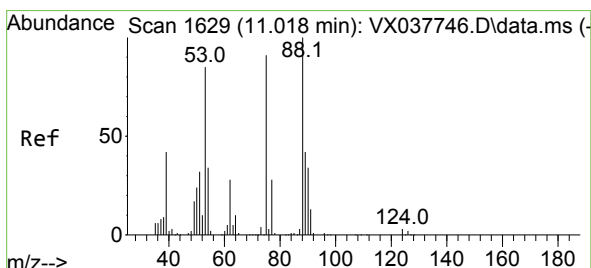
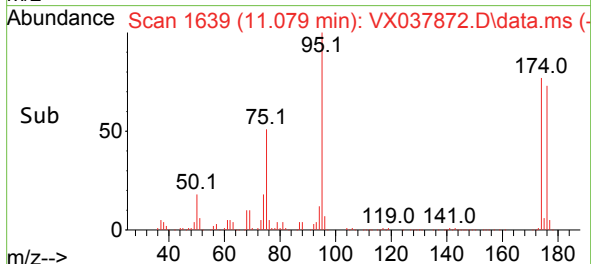
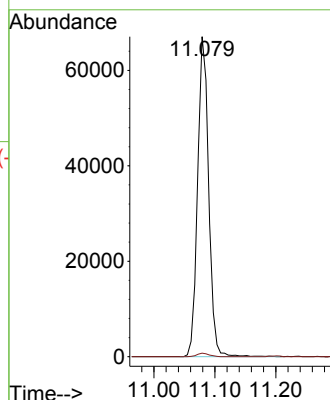
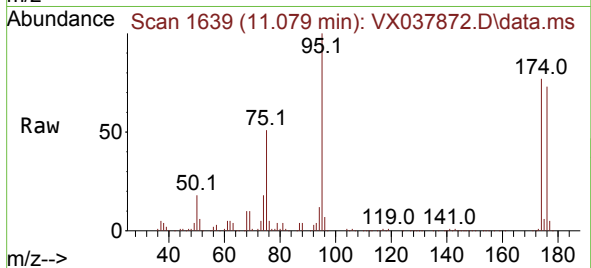
ClientSampleId :

Tgt Ion: 75 Resp: 84314

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.796 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037872.D

Acq: 22 Sep 2023 12:41

Tgt Ion: 75 Resp: 84314

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

