

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037871.D
 Acq On : 22 Sep 2023 12:18
 Operator : JC/MD
 Sample : 04578-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 01:23:50 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)

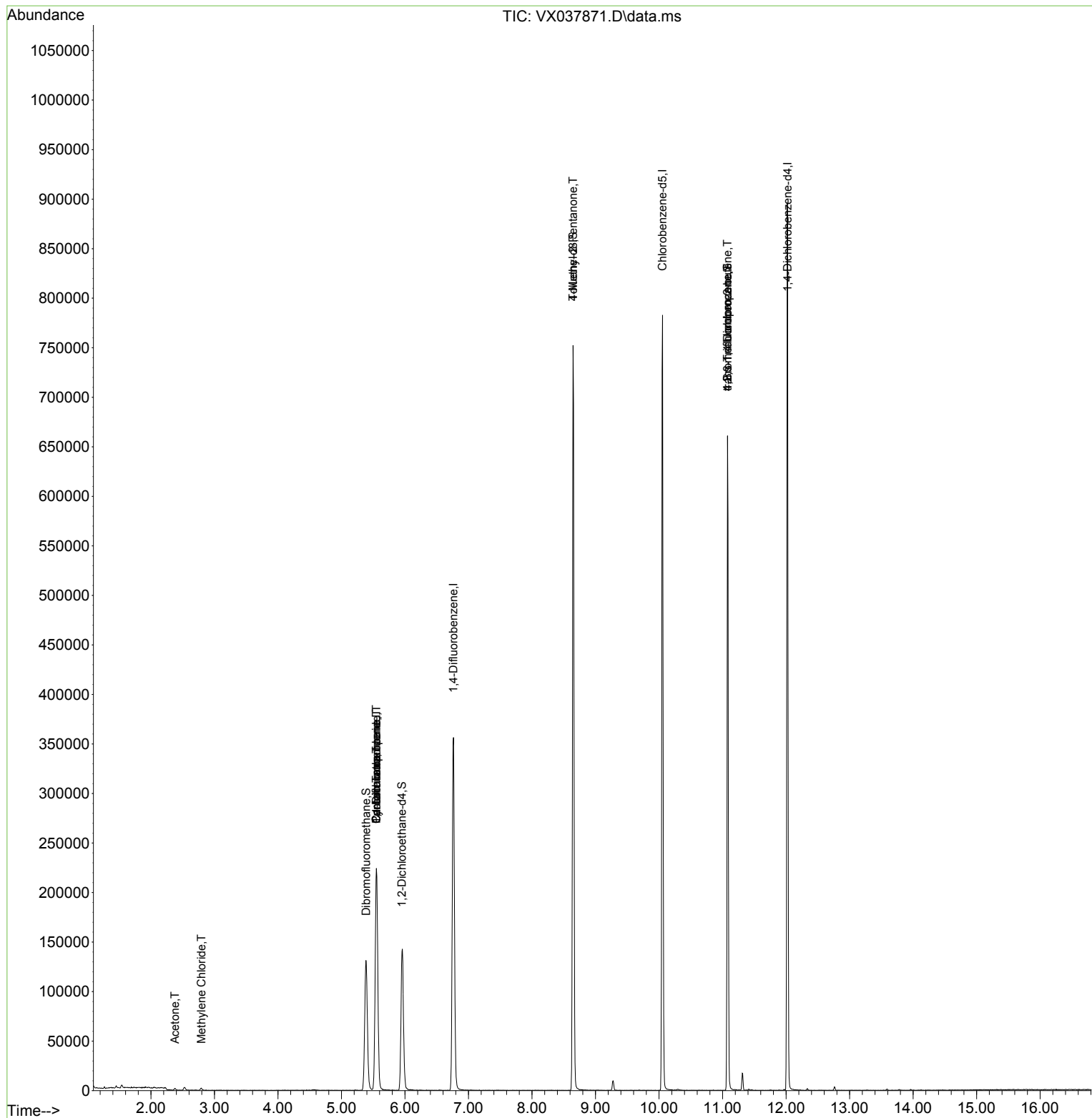
Internal Standards						
1) Pentafluorobenzene	5.550	168	216447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138274	48.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.385	113	115245	45.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	460129	49.080	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	173592	50.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.920%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1933	1.413	ug/l	96
20) Methylene Chloride	2.794	84	1078	0.401	ug/l #	83
31) Cyclohexane	5.550	56	4770	1.307	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16730	4.813	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21852	6.009	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1974	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88418	20.339	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	88418	65.154	ug/l #	5

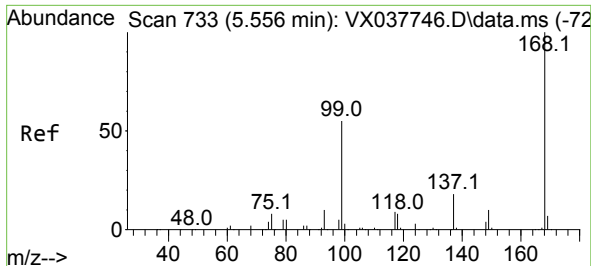
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

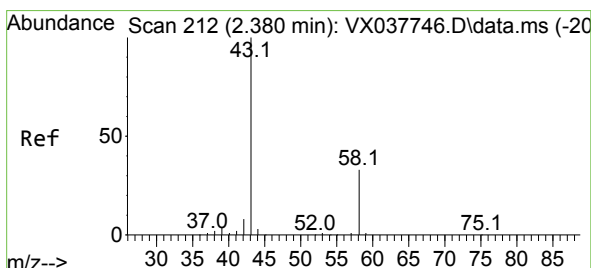
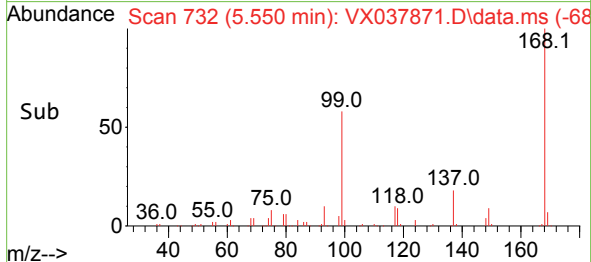
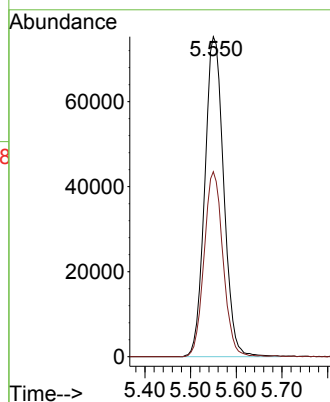
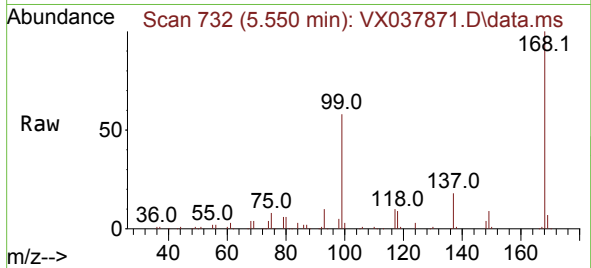




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

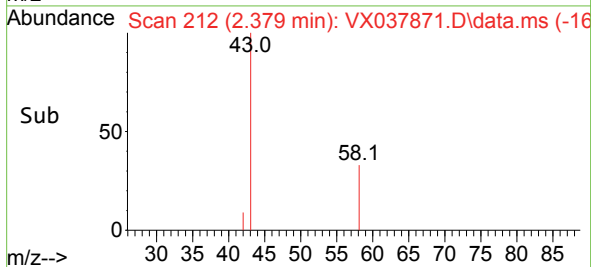
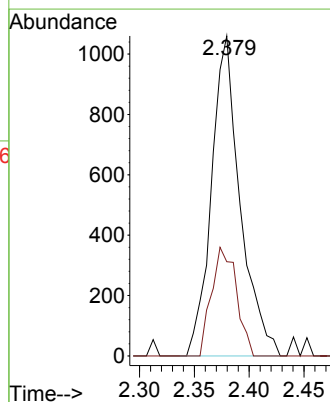
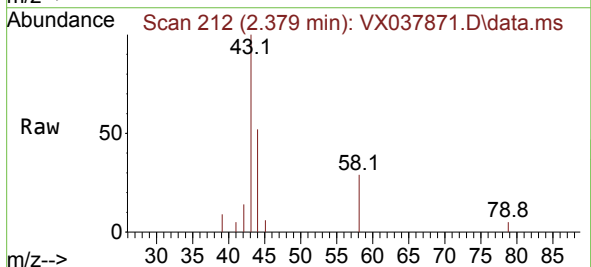
Instrument :
MSVOA_X
ClientSampleId :

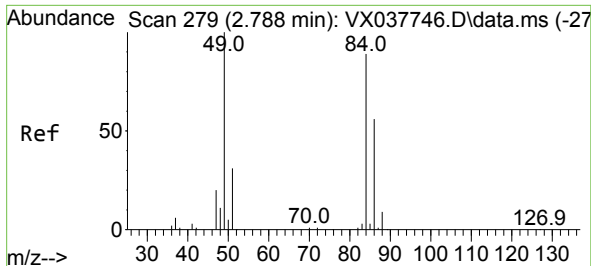
Tgt Ion:168 Resp: 216447
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#16
Acetone
Concen: 1.413 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

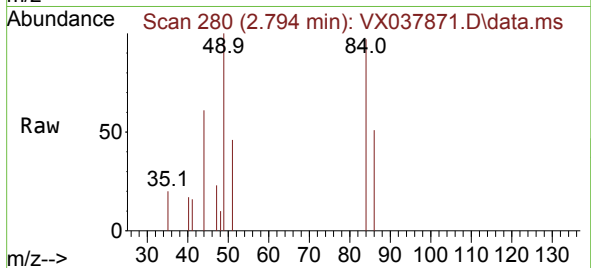
Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9





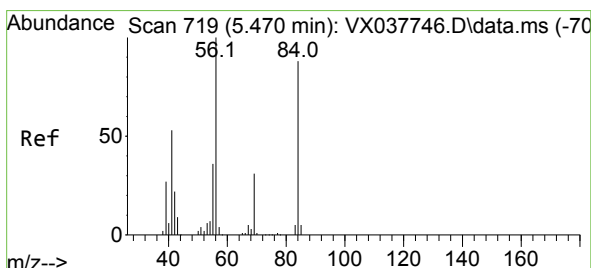
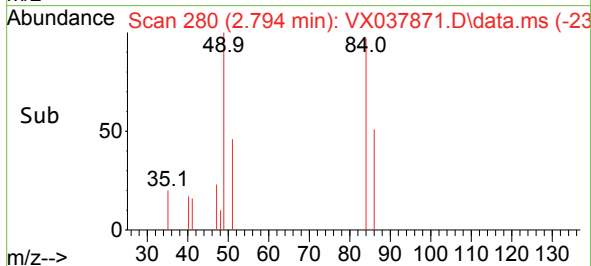
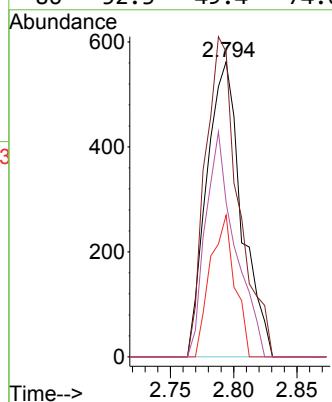
#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1078

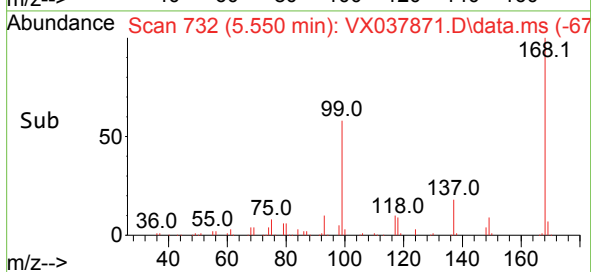
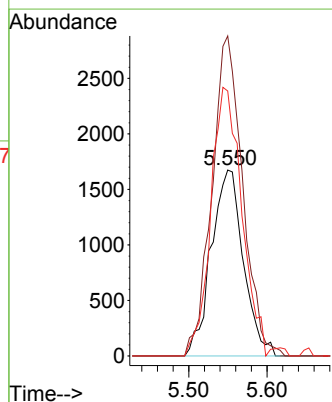
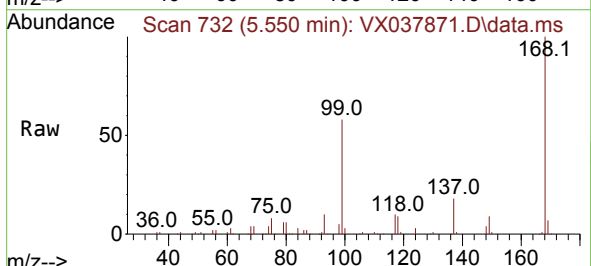
Ion	Ratio	Lower	Upper
84	100		
49	103.4	103.6	155.4#
51	48.0	33.8	50.6
86	52.3	49.4	74.0

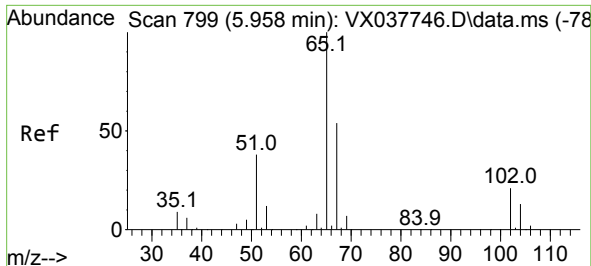


#31
Cyclohexane
Concen: 1.307 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Tgt Ion: 56 Resp: 4770

Ion	Ratio	Lower	Upper
56	100		
69	172.2	23.4	35.2#
84	142.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.623 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037871.D

Acq: 22 Sep 2023 12:18

Instrument :

MSVOA_X

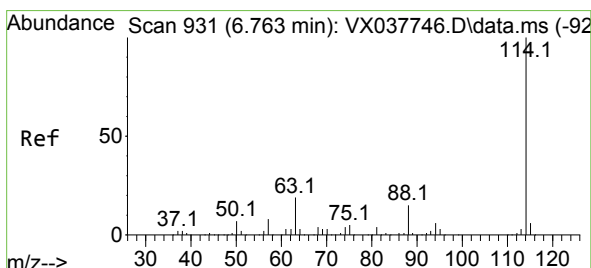
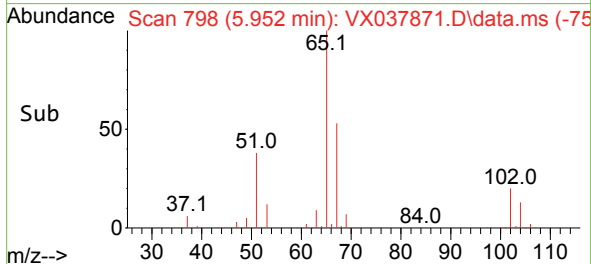
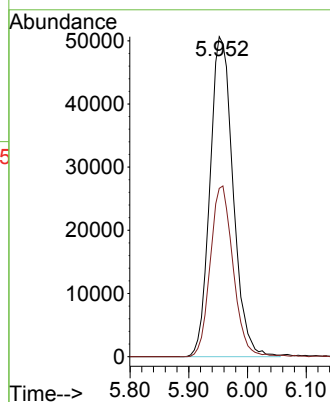
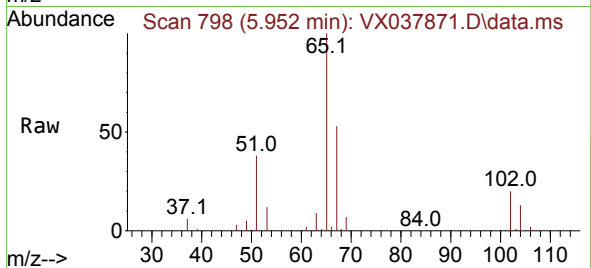
ClientSampleId :

Tgt Ion: 65 Resp: 138274

Ion Ratio Lower Upper

65 100

67 52.7 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: VX037871.D

Acq: 22 Sep 2023 12:18

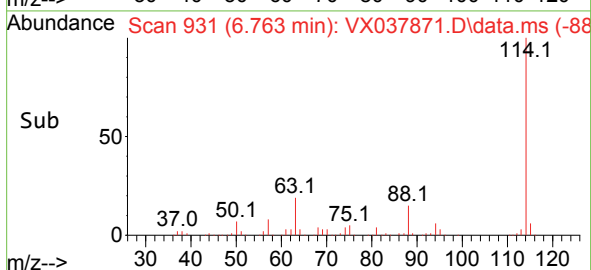
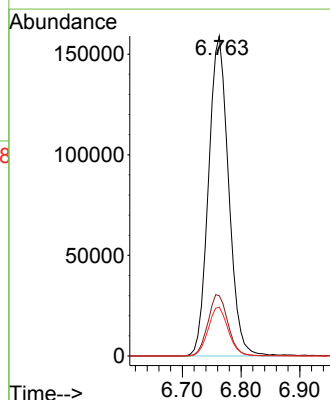
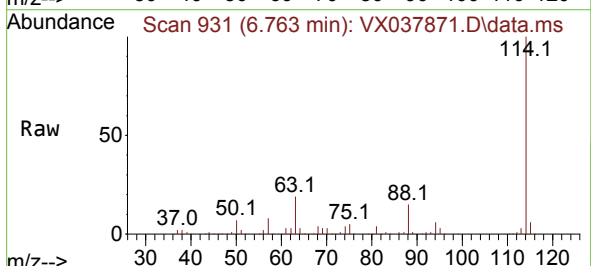
Tgt Ion:114 Resp: 377092

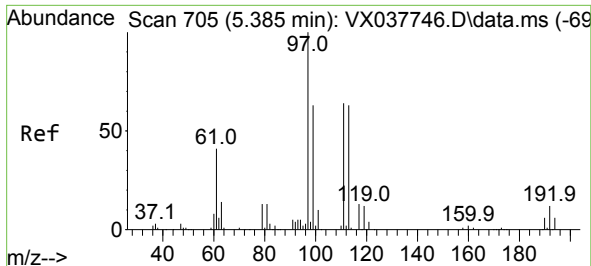
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

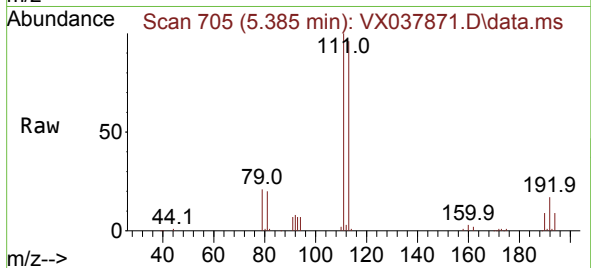
88 15.2 0.0 36.6



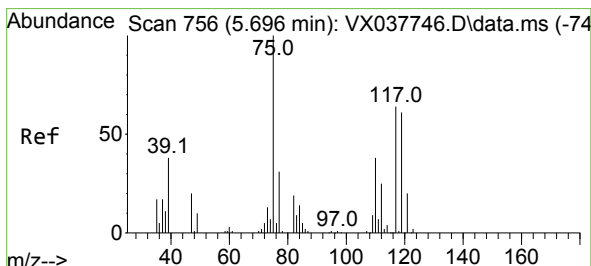
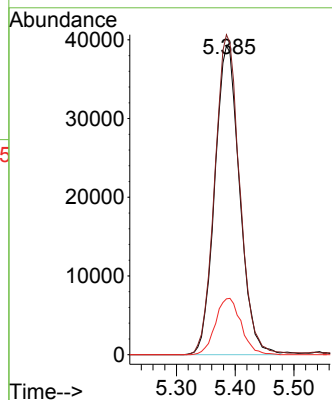
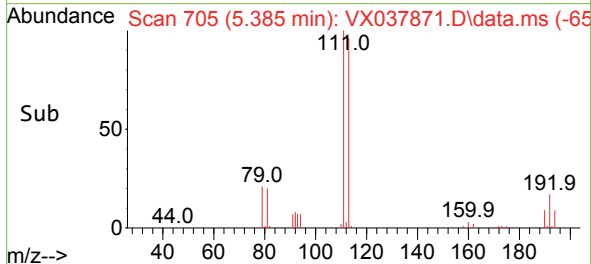


#35
Dibromofluoromethane
Concen: 45.675 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

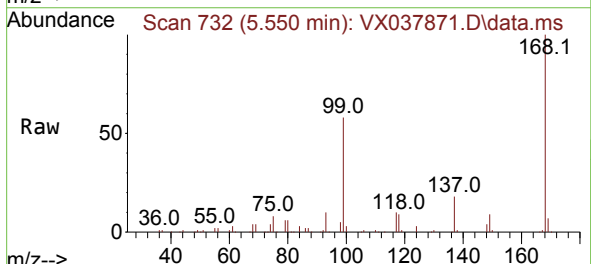
Instrument :
MSVOA_X
ClientSampleId :



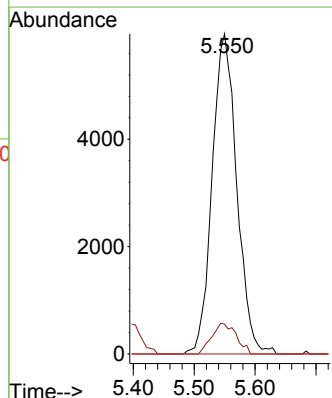
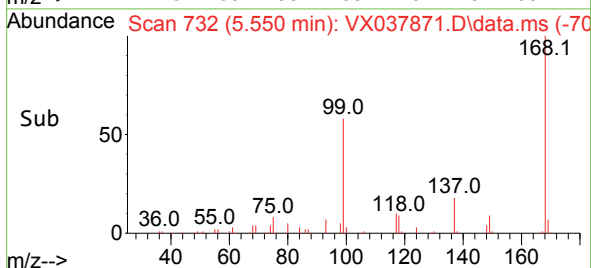
Tgt Ion:113 Resp: 115245
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.8 13.3 19.9

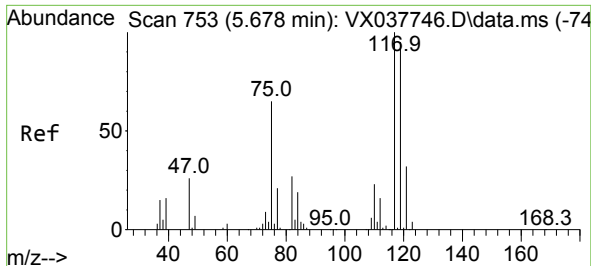


#36
1,1-Dichloropropene
Concen: 4.813 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18



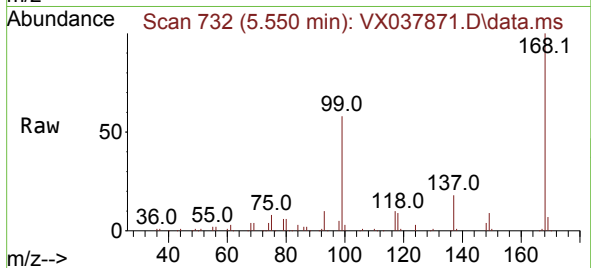
Tgt Ion: 75 Resp: 16730
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



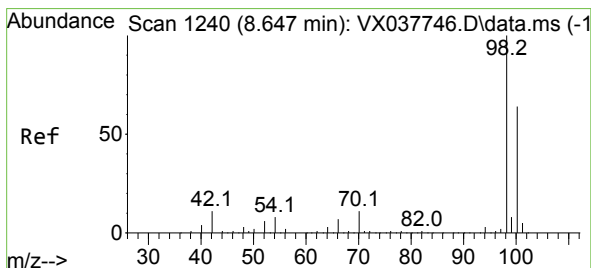
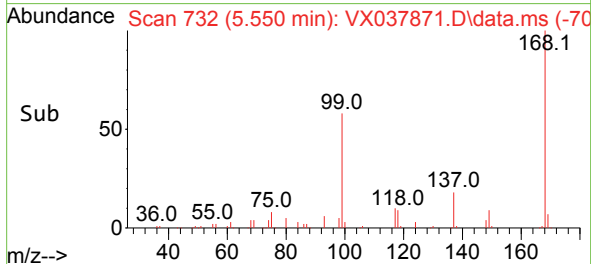
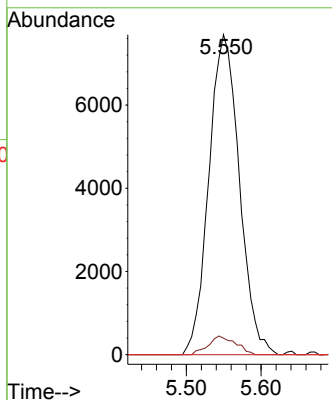


#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :

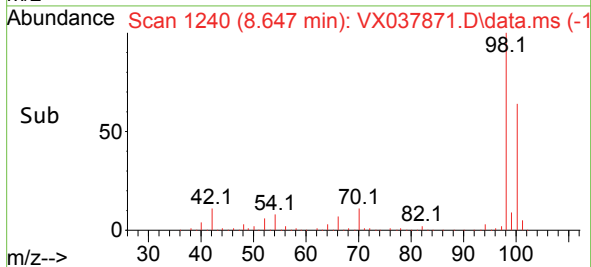
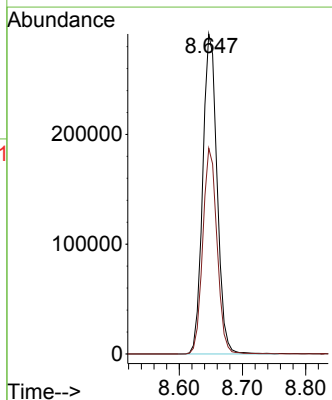
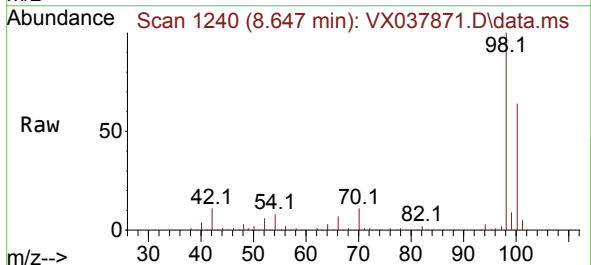


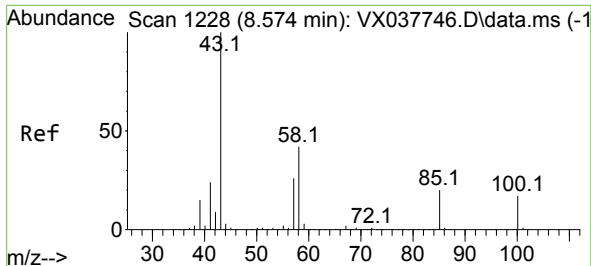
Tgt Ion:117 Resp: 21852
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.080 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Tgt Ion: 98 Resp: 460129
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

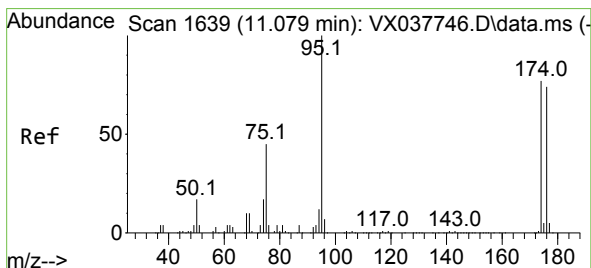
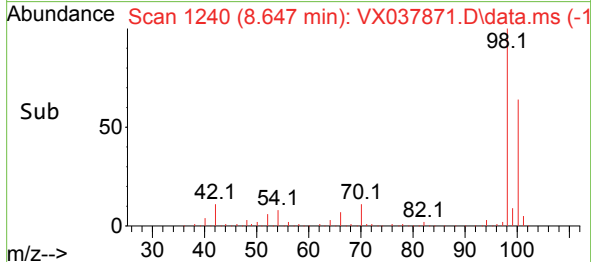
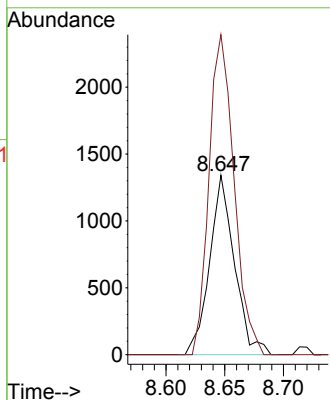
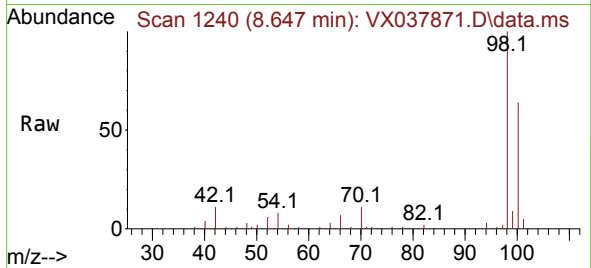




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

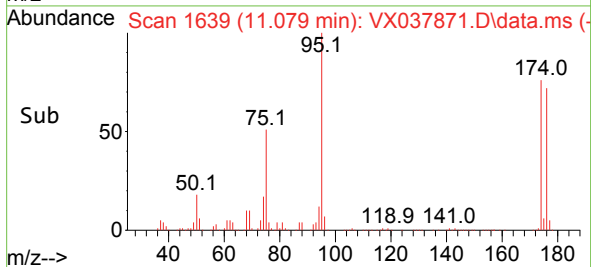
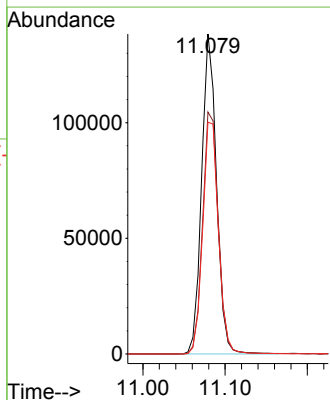
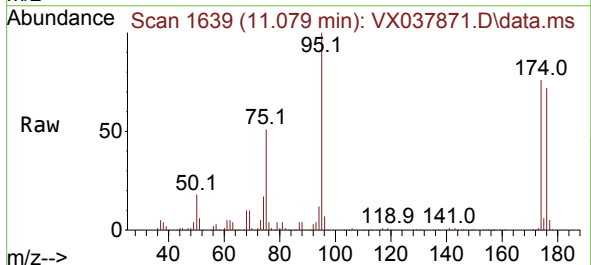
Instrument :
MSVOA_X
ClientSampleId :

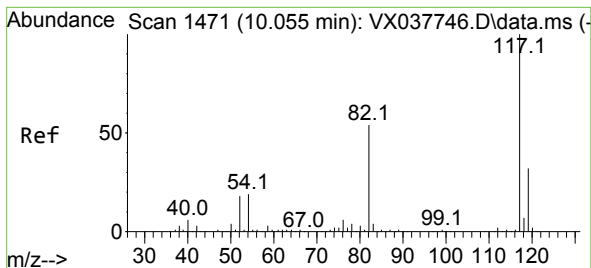
Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
58 180.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Tgt Ion: 95 Resp: 173592
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 77.2 0.0 131.0

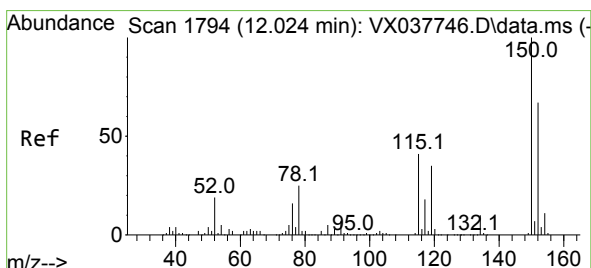
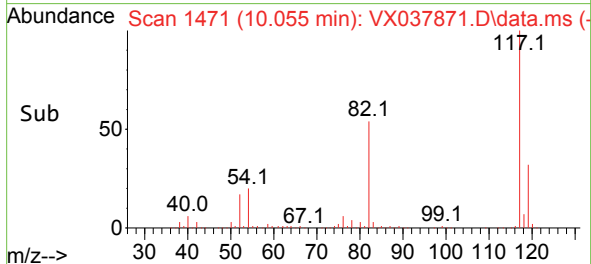
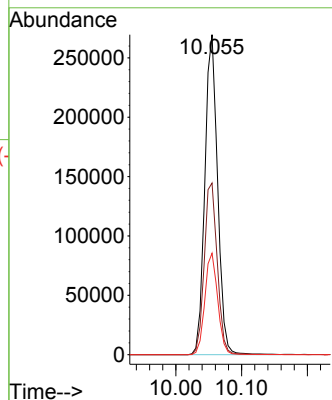
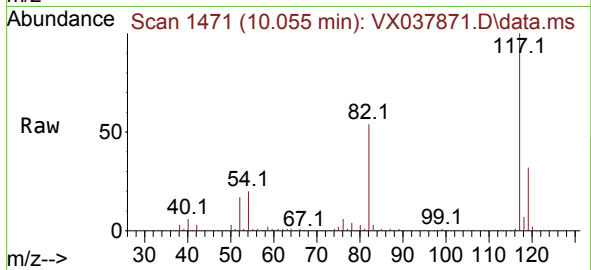




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

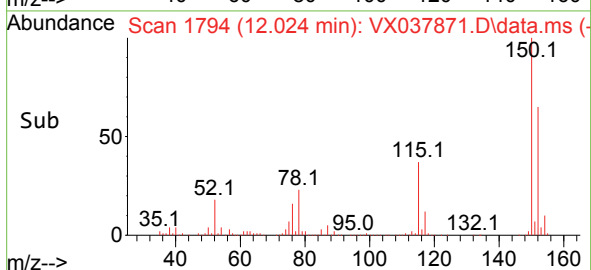
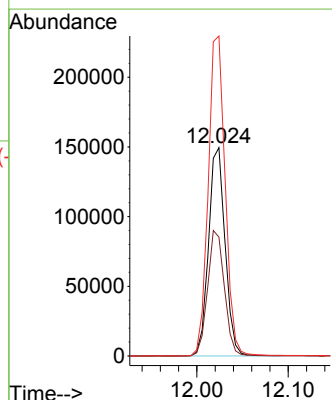
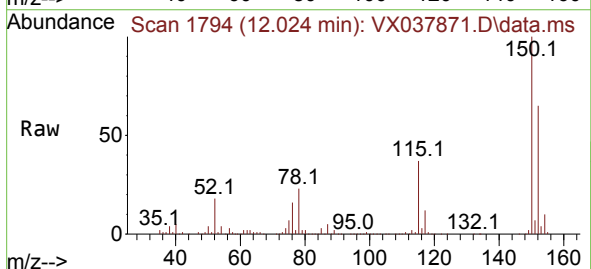
Instrument :
MSVOA_X
ClientSampleId :

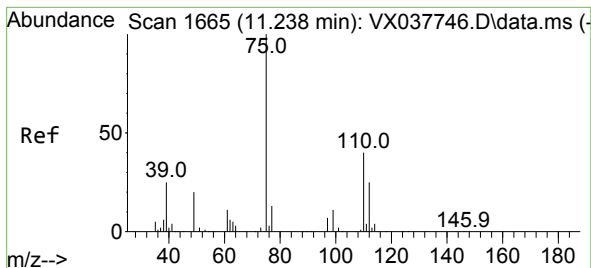
Tgt Ion:117 Resp: 362729
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Tgt Ion:152 Resp: 187952
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.339 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037871.D

Acq: 22 Sep 2023 12:18

Instrument :

MSVOA_X

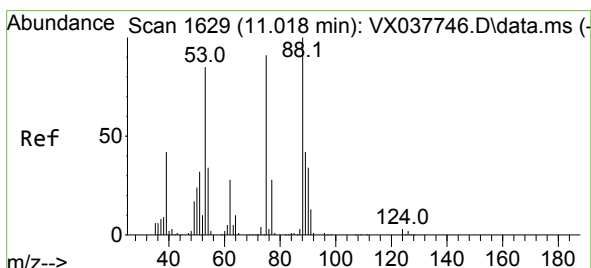
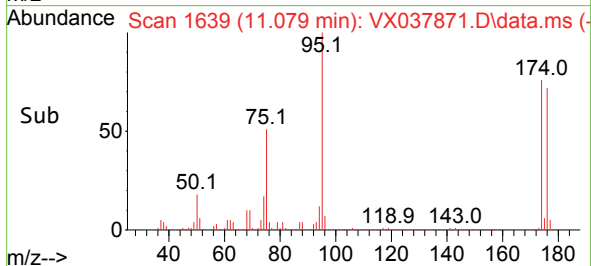
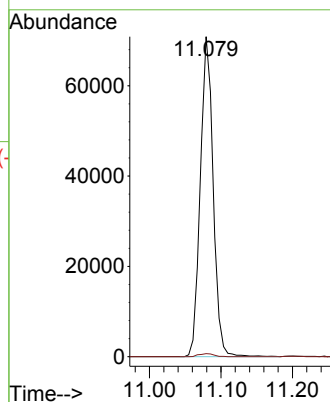
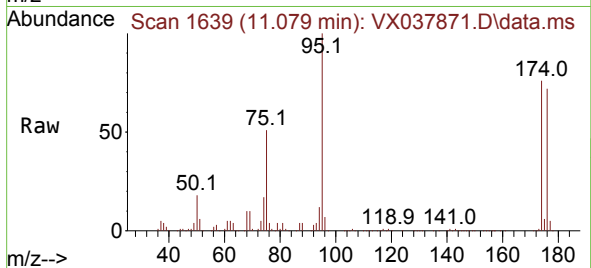
ClientSampleId :

Tgt Ion: 75 Resp: 88418

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.154 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037871.D

Acq: 22 Sep 2023 12:18

Tgt Ion: 75 Resp: 88418

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

