

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037490.D
 Acq On : 02 Sep 2023 18:03
 Operator : JC/MD
 Sample : 04266-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-04B-26.5-083123

Quant Time: Sep 04 04:31:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

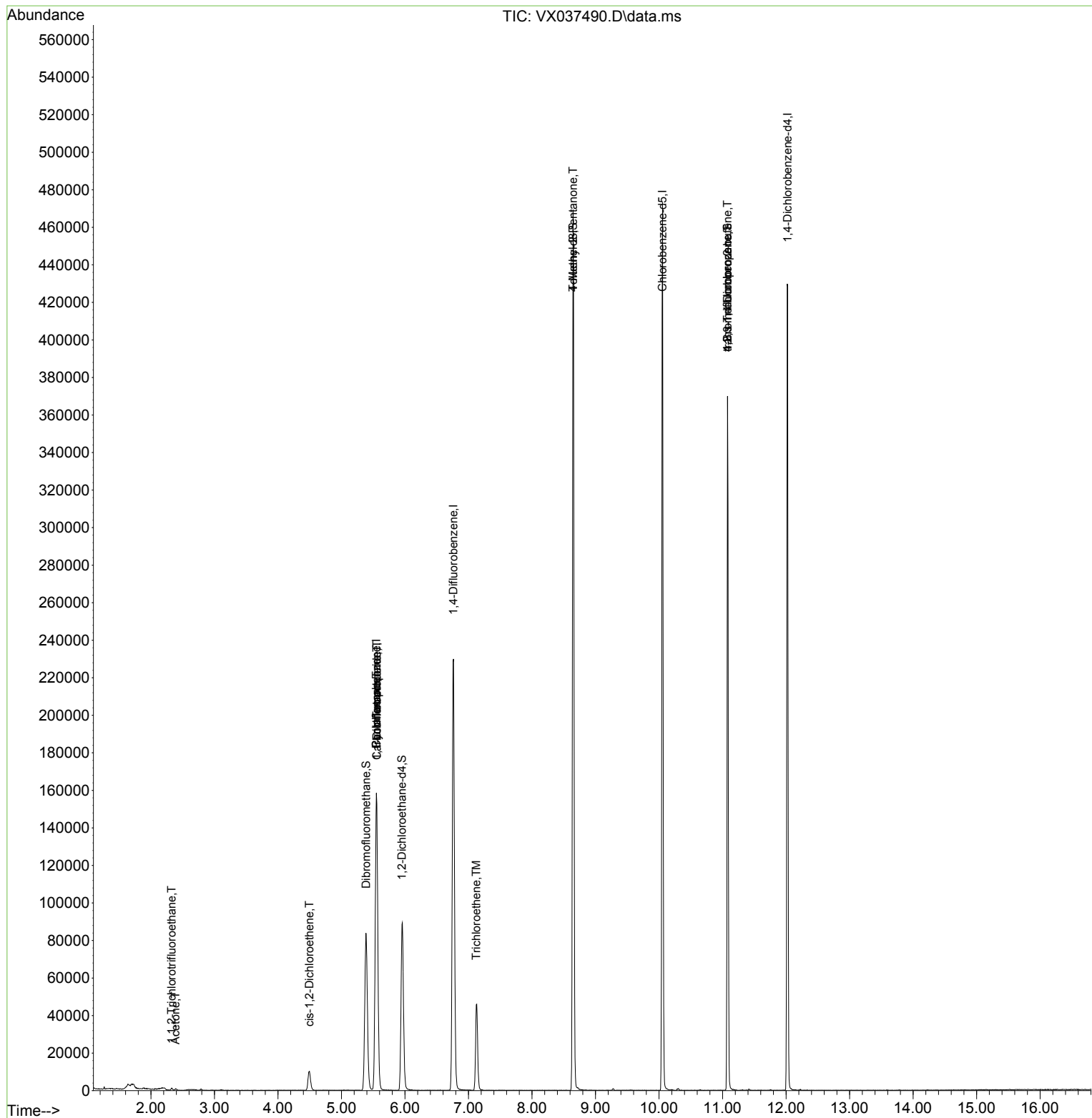
Internal Standards						
1) Pentafluorobenzene	5.550	168	149768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88973	41.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.420%
35) Dibromofluoromethane	5.385	113	75142	45.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.647	98	289663	48.448	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	103067	43.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.740%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.325	101	554	0.350	ug/l #	90
16) Acetone	2.386	43	1036	1.226	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	7567	3.662	ug/l	76
31) Cyclohexane	5.550	56	2577	1.061	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11193	4.780	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15559	6.117	ug/l #	15
44) Trichloroethene	7.123	130	19892	10.445	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1018	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50948	24.909	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50948	69.573	ug/l #	5

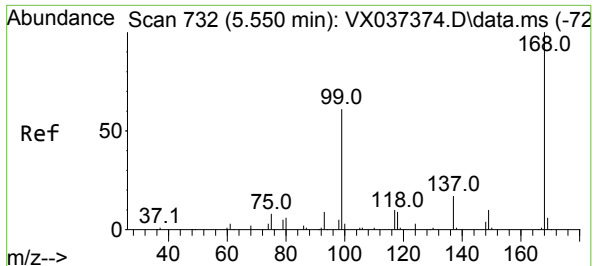
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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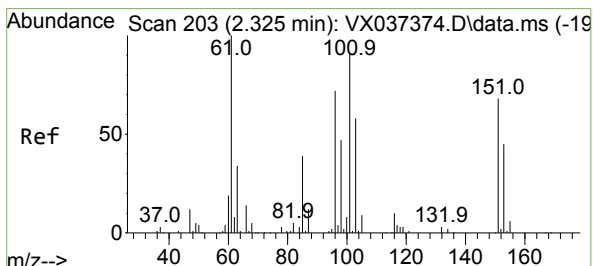
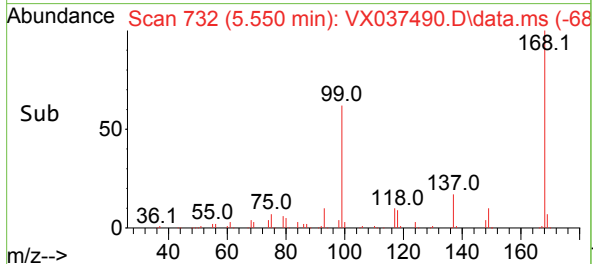
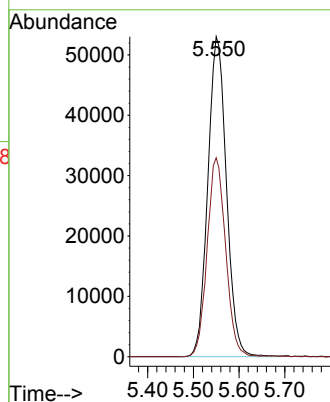
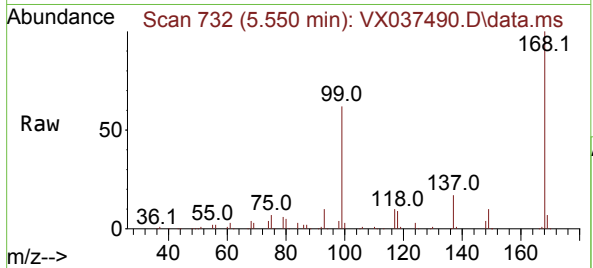




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

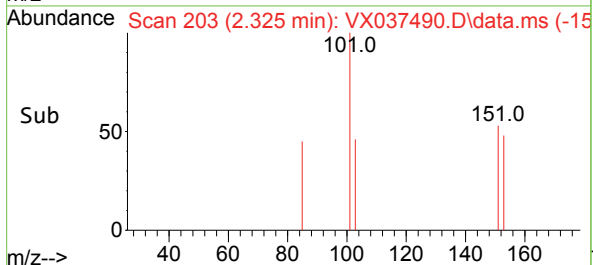
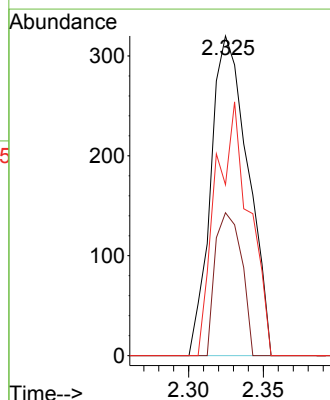
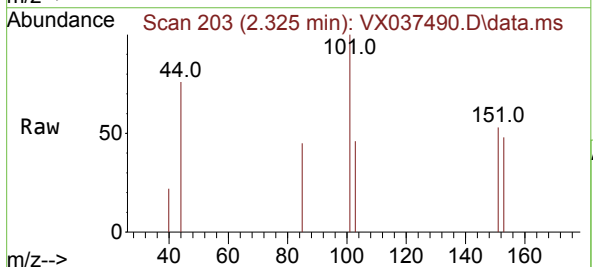
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123

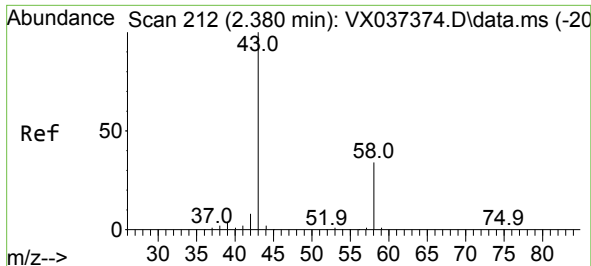
Tgt Ion:168 Resp: 149768
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.350 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Tgt Ion:101 Resp: 554
Ion Ratio Lower Upper
101 100
85 31.8 37.0 55.6#
151 71.7 58.6 87.8

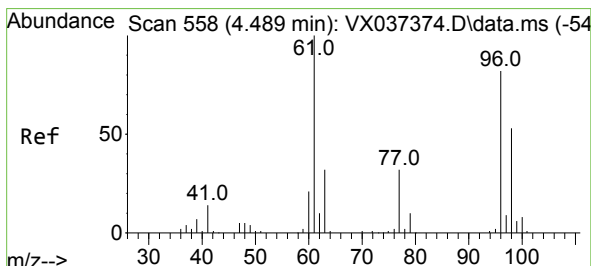
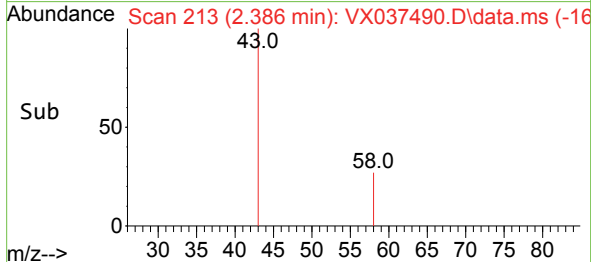
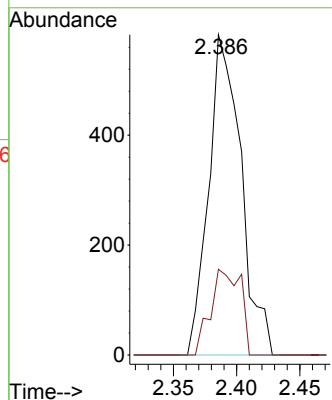
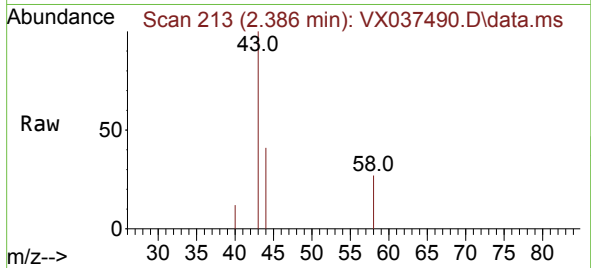




#16
Acetone
Concen: 1.226 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

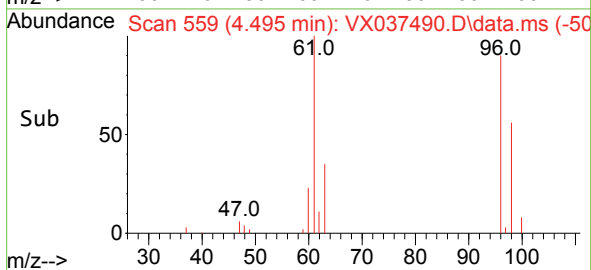
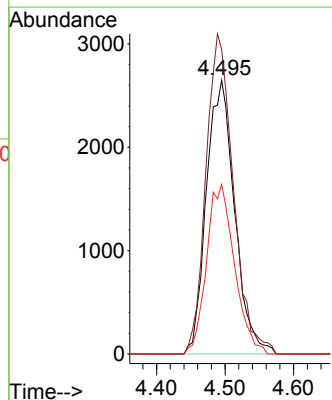
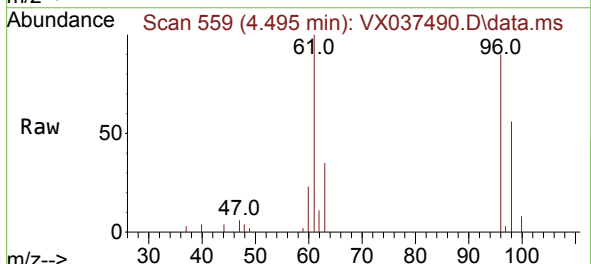
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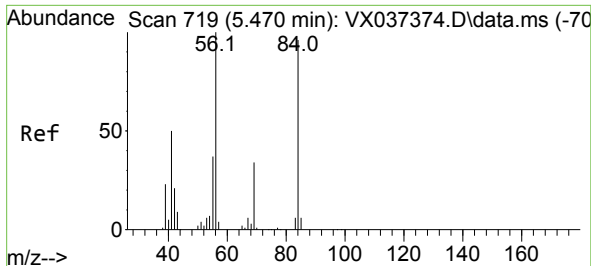
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 26.8 21.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 3.662 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

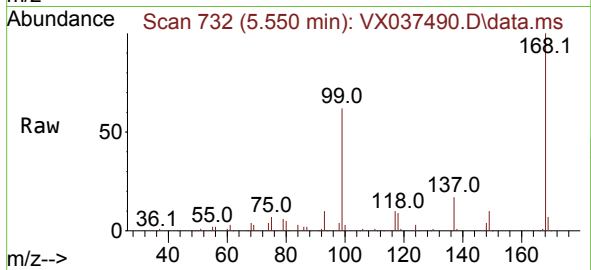
Tgt Ion: 96 Resp: 7567
Ion Ratio Lower Upper
96 100
61 113.4 0.0 312.2
98 61.2 0.0 129.0



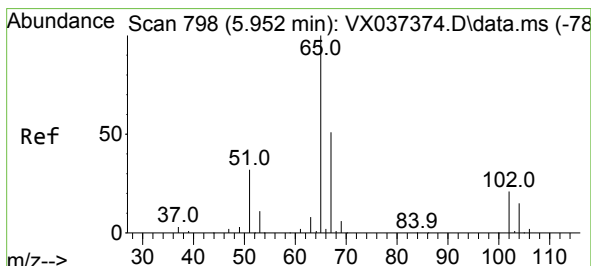
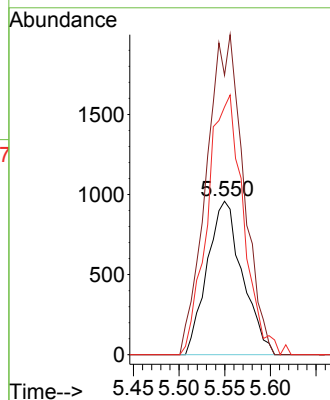
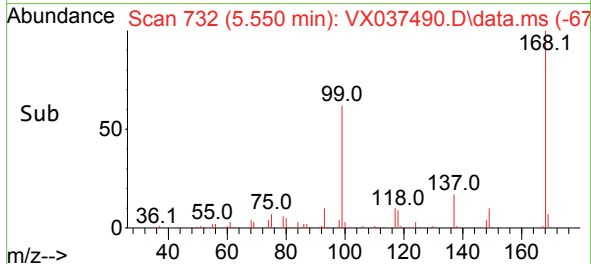


#31
Cyclohexane
Concen: 1.061 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123

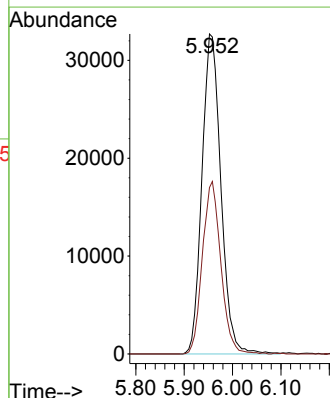
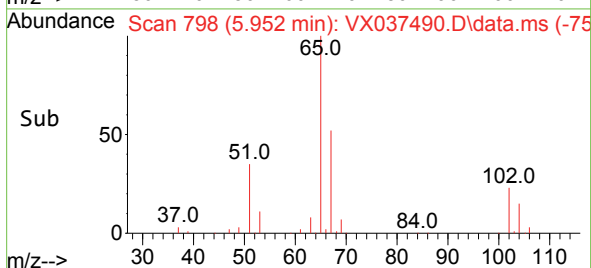
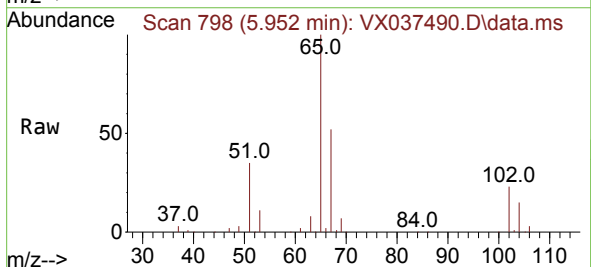


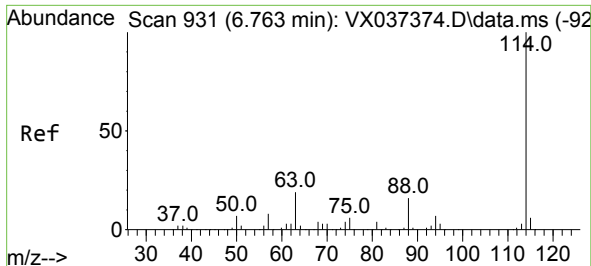
Tgt Ion: 56 Resp: 2577
Ion Ratio Lower Upper
56 100
69 182.2 23.4 35.2#
84 161.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.207 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Tgt Ion: 65 Resp: 88973
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

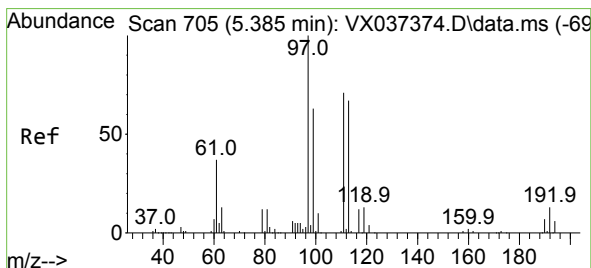
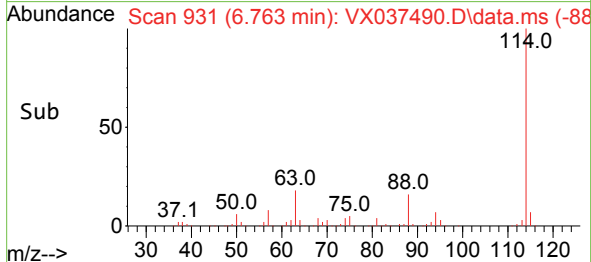
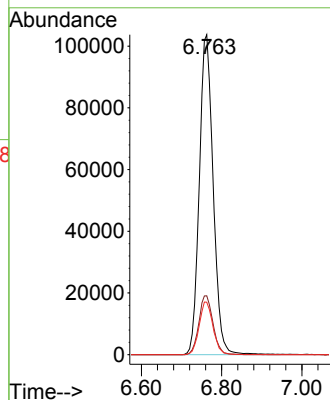
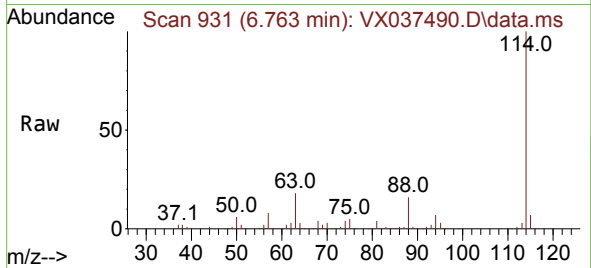




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

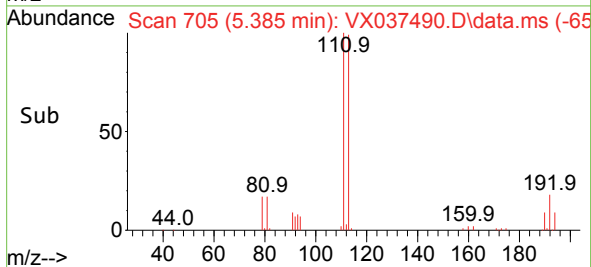
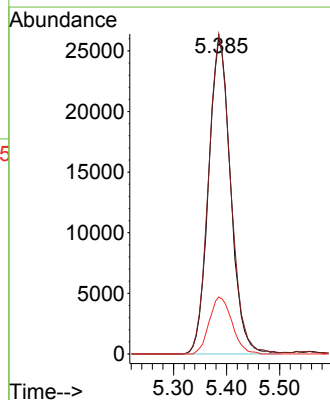
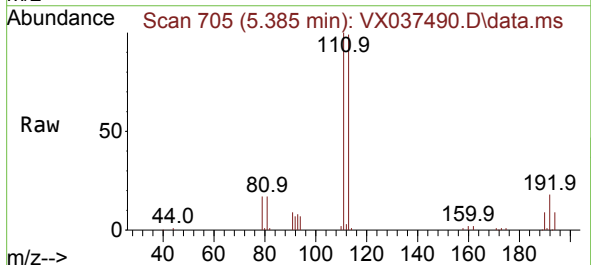
Instrument :
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ClientSampleId :
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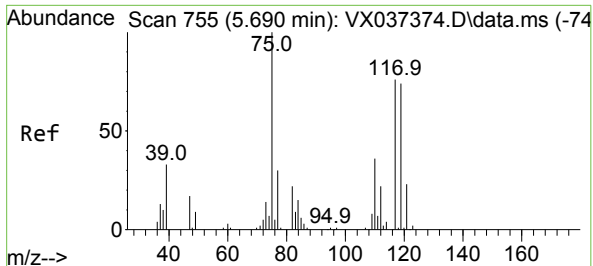
Tgt Ion:114 Resp: 248876
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.589 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Tgt Ion:113 Resp: 75142
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.6 13.3 19.9

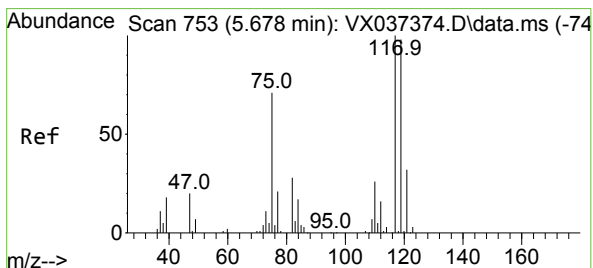
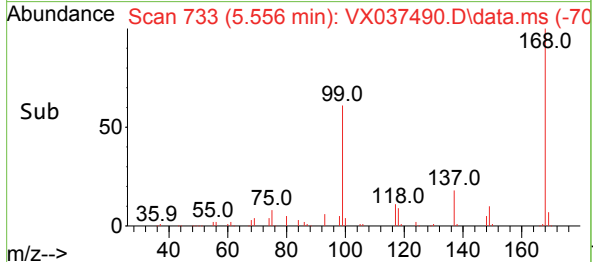
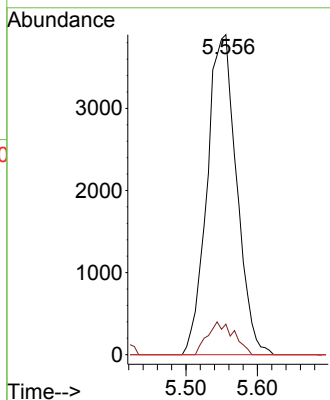
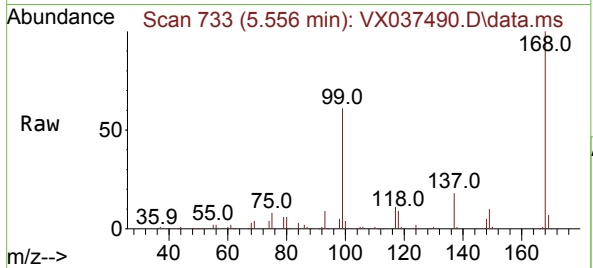




#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

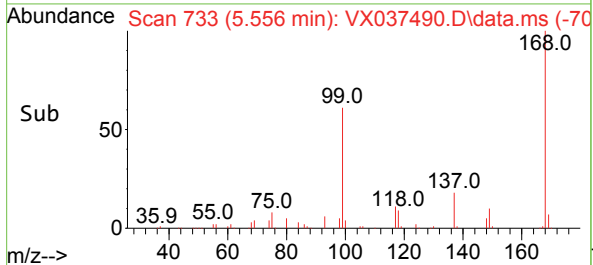
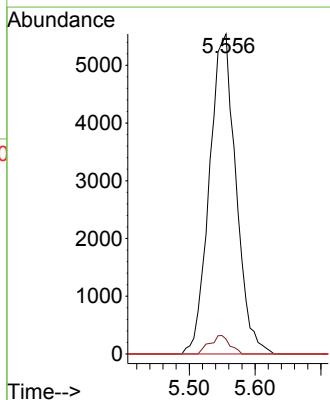
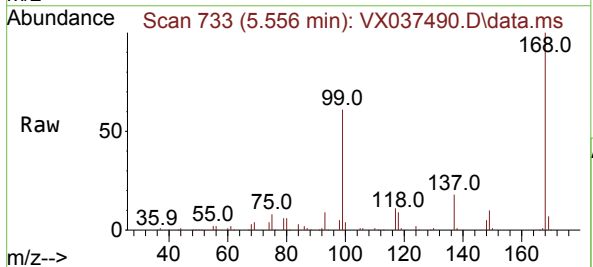
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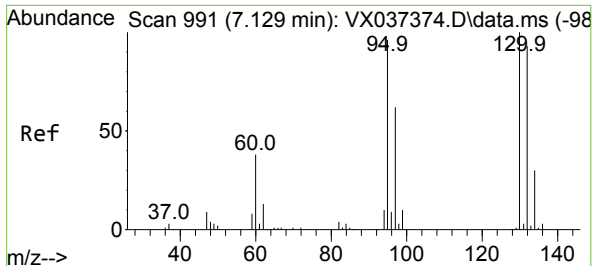
Tgt Ion: 75 Resp: 11193
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.117 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Tgt Ion: 117 Resp: 15559
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

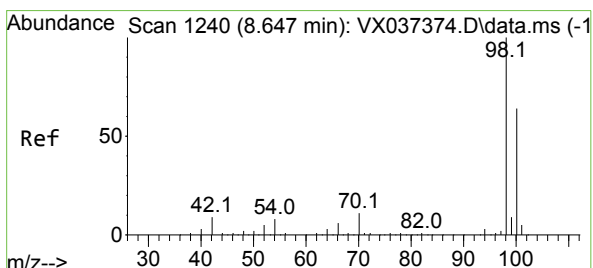
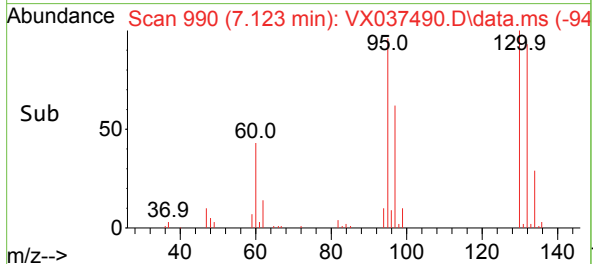
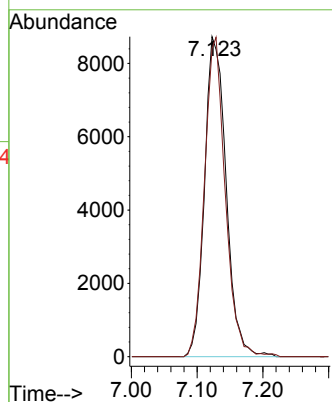
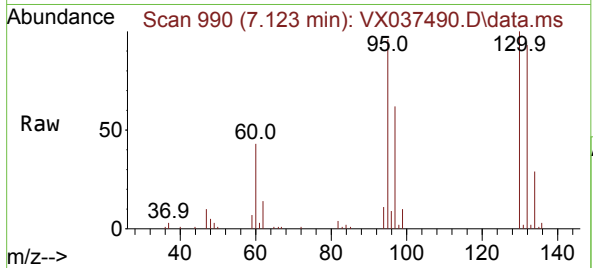




#44
Trichloroethene
Concen: 10.445 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

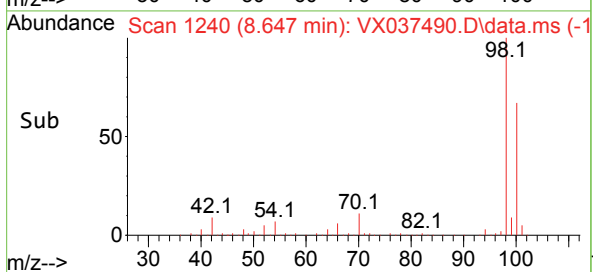
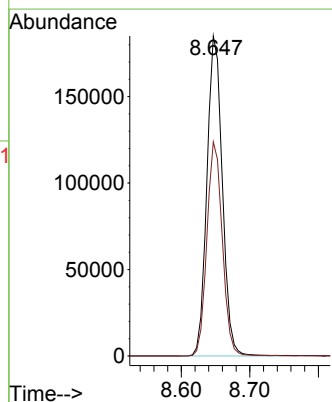
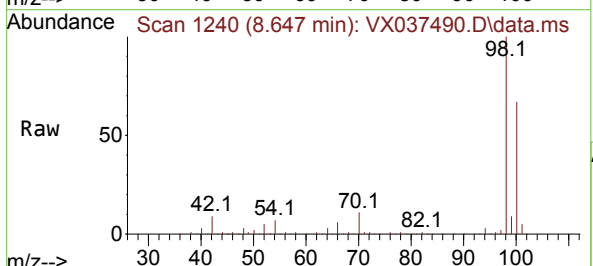
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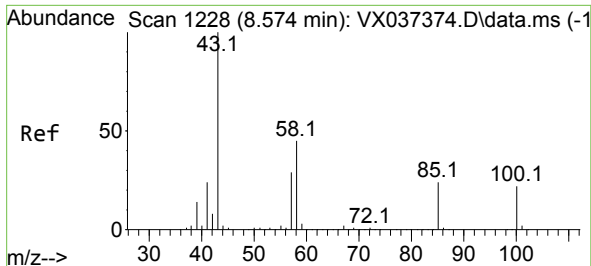
Tgt Ion:130 Resp: 19892
Ion Ratio Lower Upper
130 100
95 96.2 0.0 204.4



#50
Toluene-d8
Concen: 48.448 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Tgt Ion: 98 Resp: 289663
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

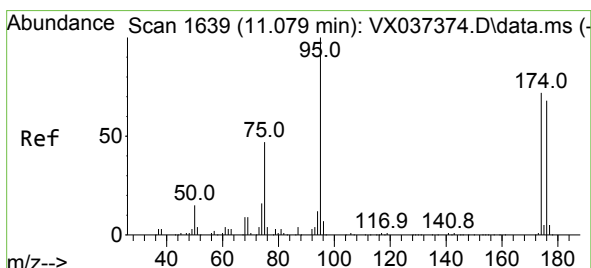
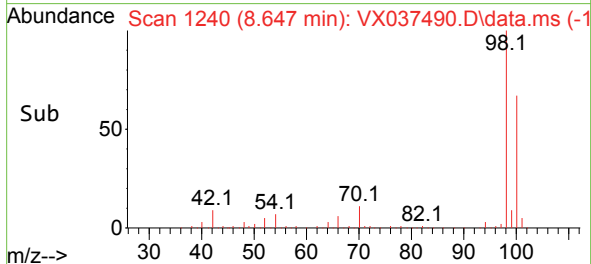
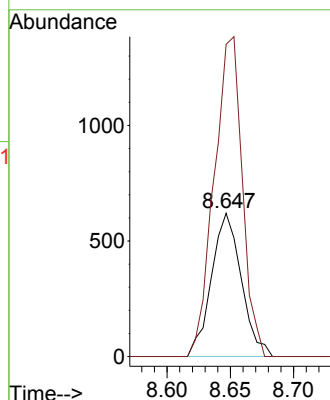
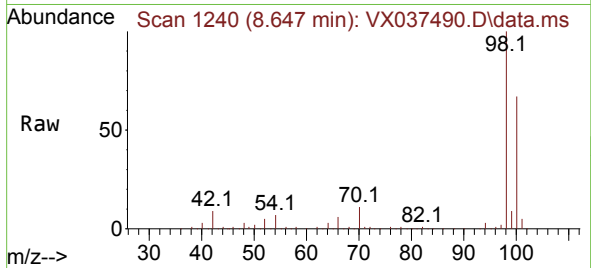




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

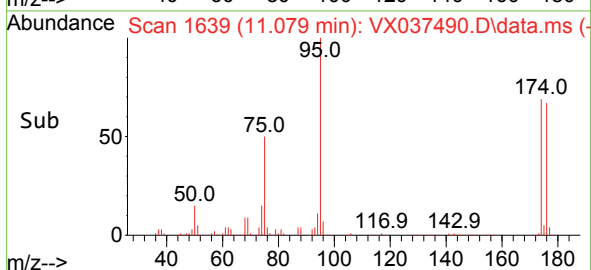
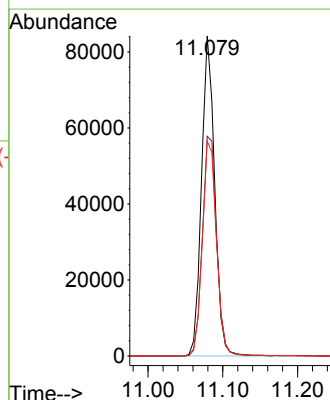
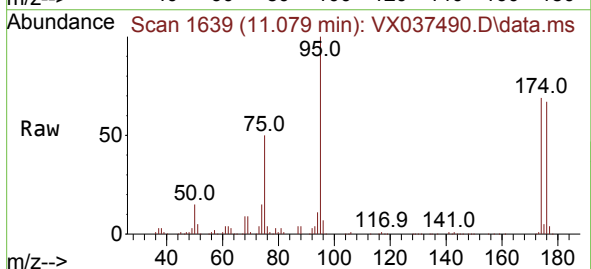
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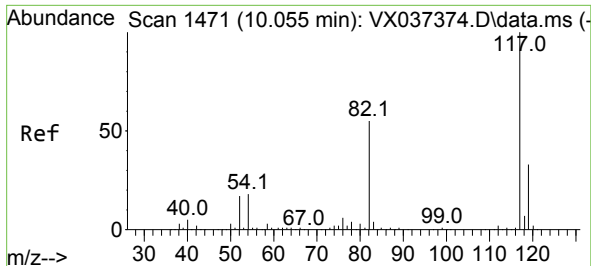
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 210.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Tgt Ion: 95 Resp: 103067
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.8 0.0 131.0

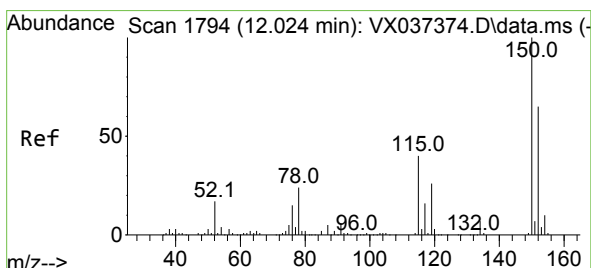
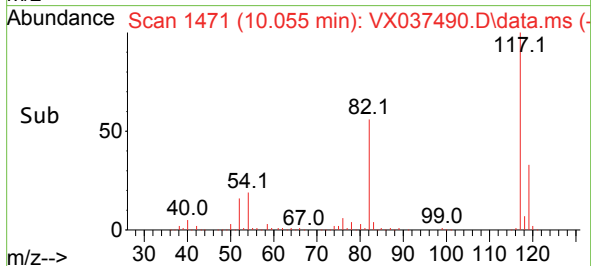
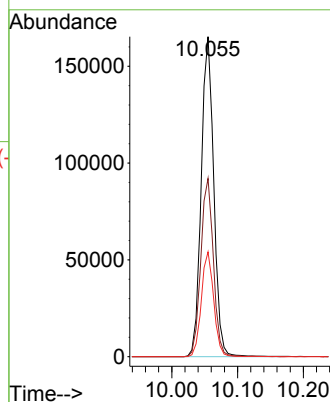
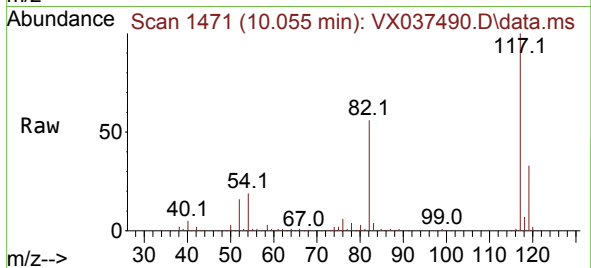




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

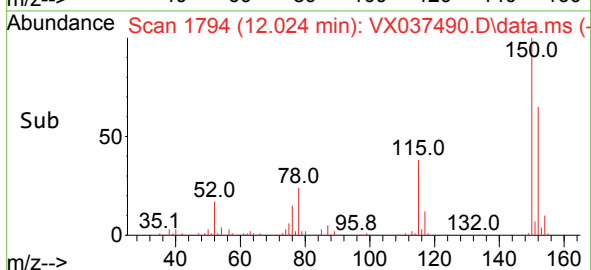
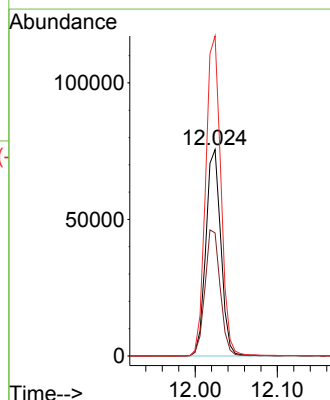
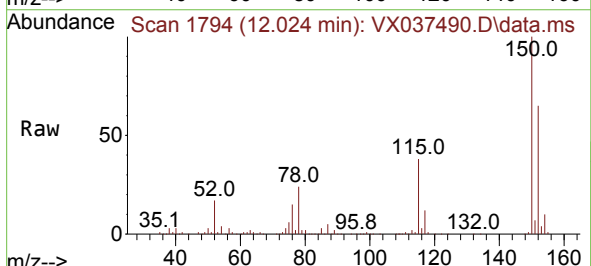
Instrument :
MSVOA_X
ClientSampleId :
OW-04B-26.5-083123

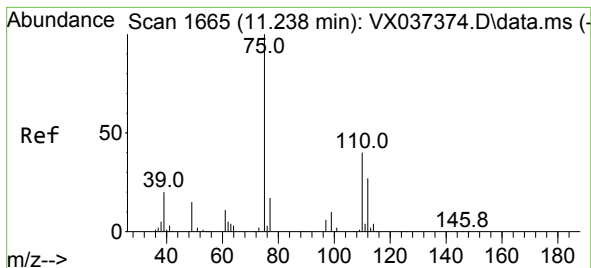
Tgt Ion:117 Resp: 218932
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037490.D
Acq: 02 Sep 2023 18:03

Tgt Ion:152 Resp: 96040
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 157.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.909 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037490.D

Acq: 02 Sep 2023 18:03

Instrument :

MSVOA_X

ClientSampleId :

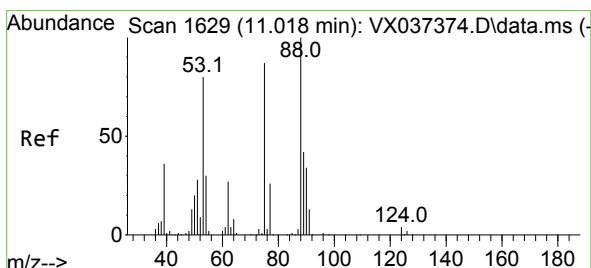
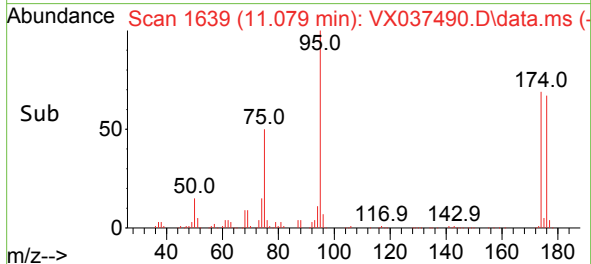
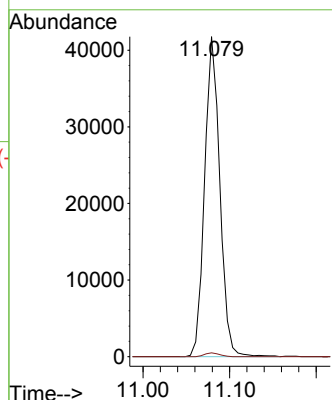
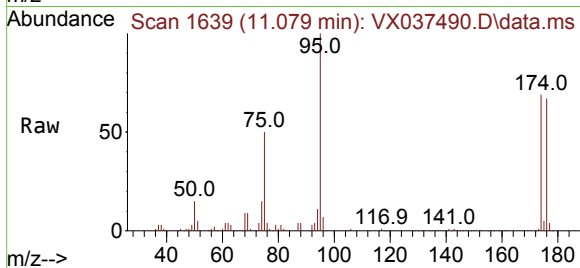
OW-04B-26.5-083123

Tgt Ion: 75 Resp: 50948

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.573 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037490.D

Acq: 02 Sep 2023 18:03

Tgt Ion: 75 Resp: 50948

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

