

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037410.D
 Acq On : 31 Aug 2023 06:39
 Operator : JC/MD
 Sample : 04128-14 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20230822

Quant Time: Aug 31 07:41:58 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)

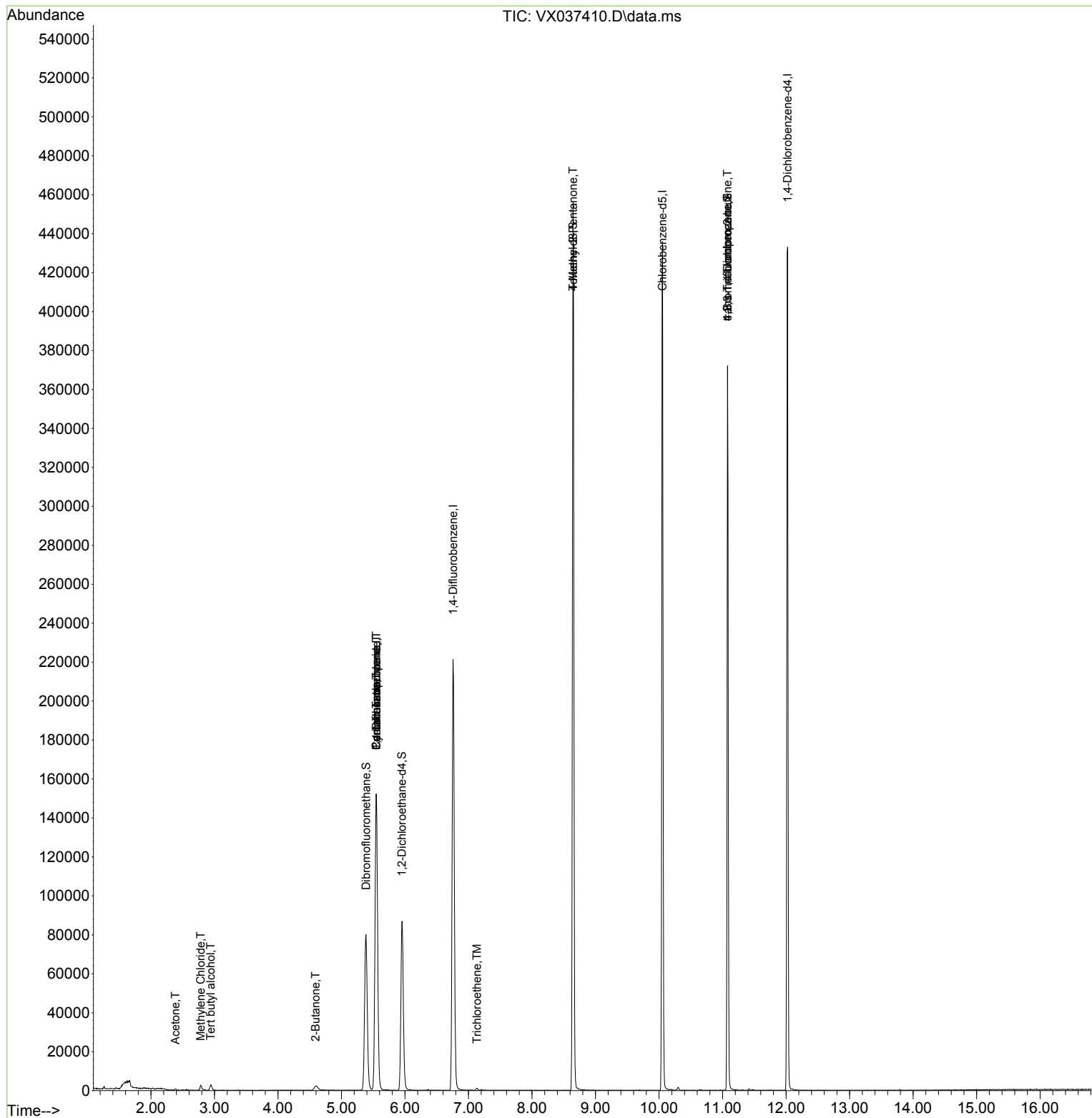
Internal Standards						
1) Pentafluorobenzene	5.550	168	145561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87467	41.680	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.360%
35) Dibromofluoromethane	5.385	113	71882	45.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.640%
50) Toluene-d8	8.647	98	277618	48.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.079	95	103053	45.579	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1824	3.705	ug/l #	78
16) Acetone	2.386	43	774	0.943	ug/l	97
20) Methylene Chloride	2.782	84	1573	0.857	ug/l	92
25) 2-Butanone	4.593	43	330	0.267	ug/l #	51
31) Cyclohexane	5.550	56	2700	1.144	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11025	4.893	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15351	6.271	ug/l #	15
44) Trichloroethene	7.135	130	450	0.246	ug/l	78
51) 4-Methyl-2-Pentanone	8.647	43	954	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50522	24.530	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50522	68.513	ug/l #	5

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

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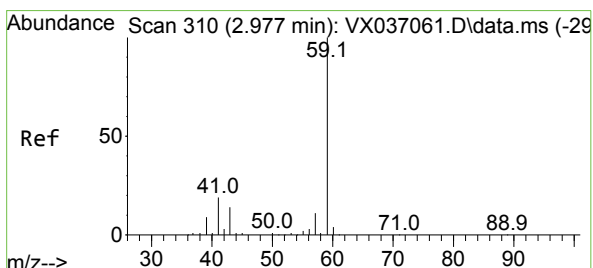
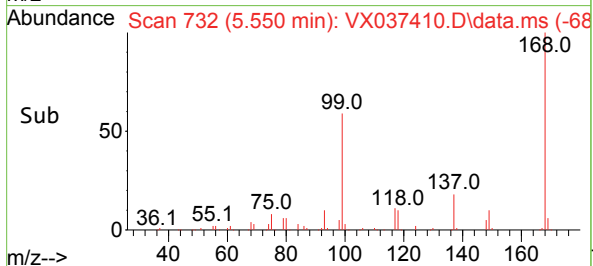
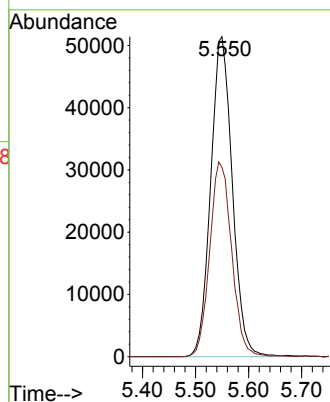
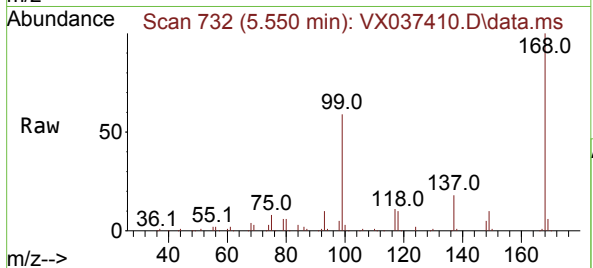




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

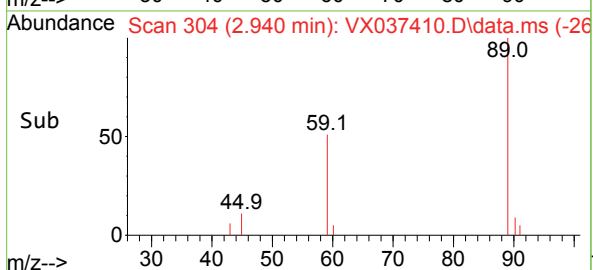
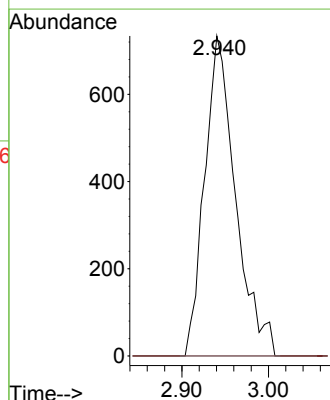
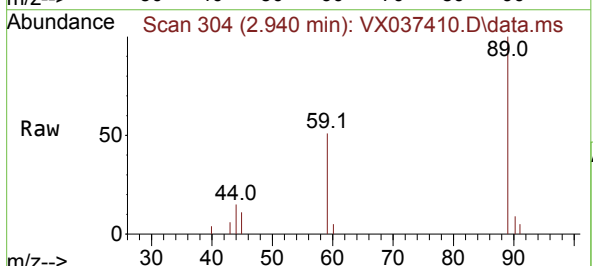
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

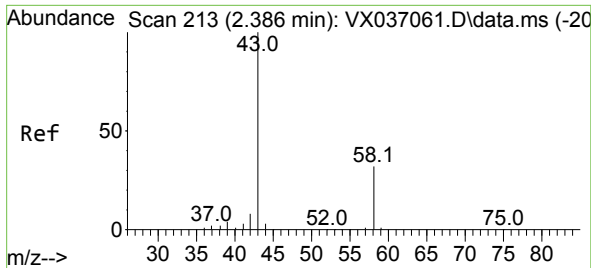
Tgt Ion:168 Resp: 145561
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.705 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 59 Resp: 1824
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

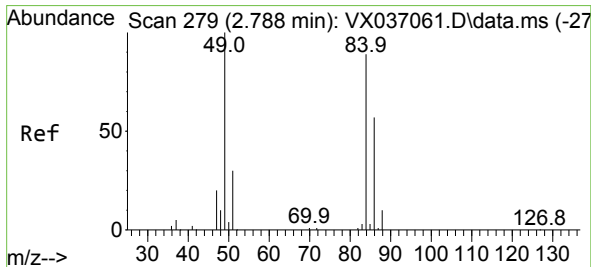
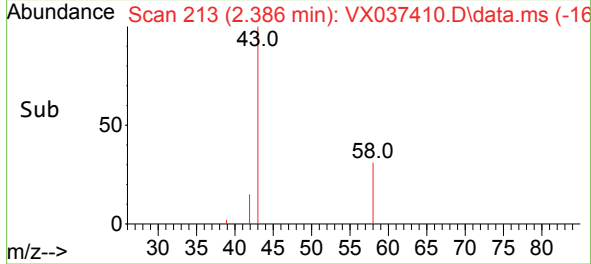
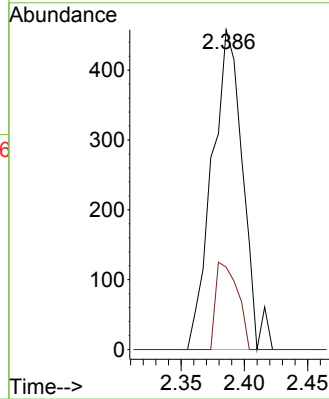
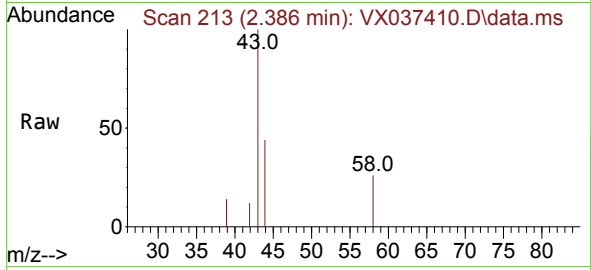




#16
Acetone
Concen: 0.943 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

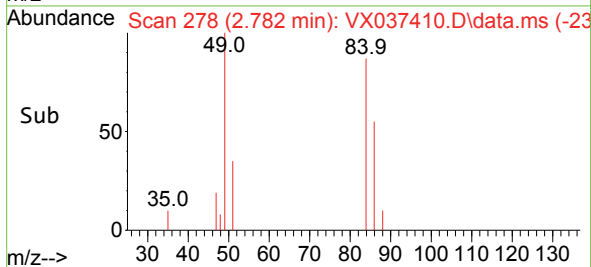
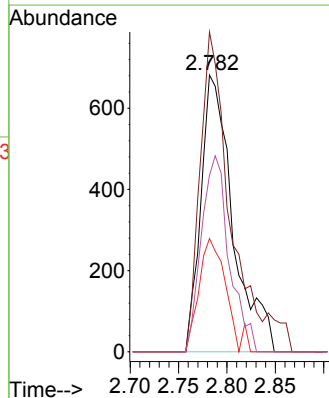
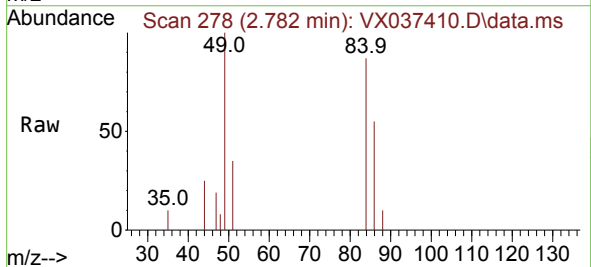
Instrument :
MSVOA_X
ClientSampleId :
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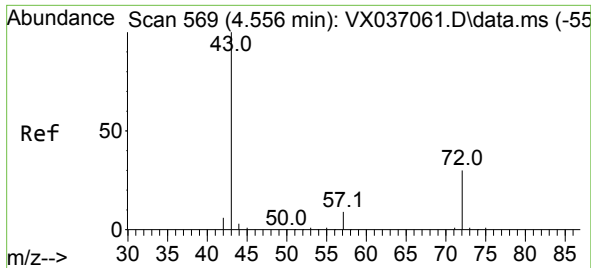
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.857 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 84 Resp: 1573
Ion Ratio Lower Upper
84 100
49 115.5 103.6 155.4
51 40.9 33.8 50.6
86 63.8 49.4 74.0

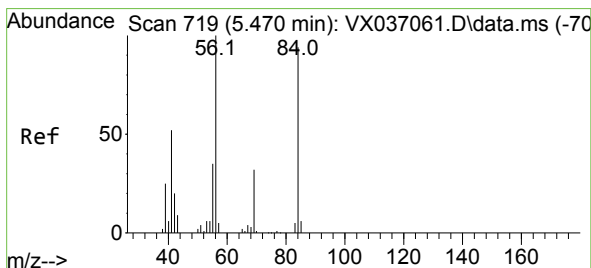
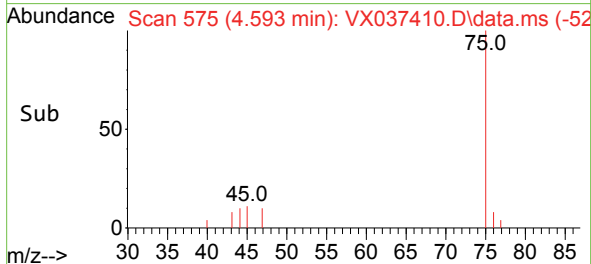
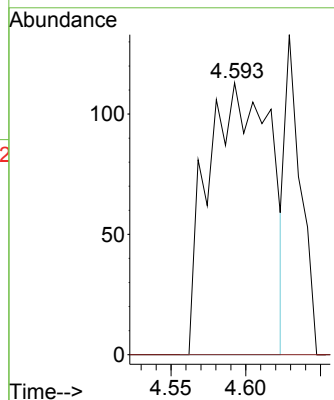
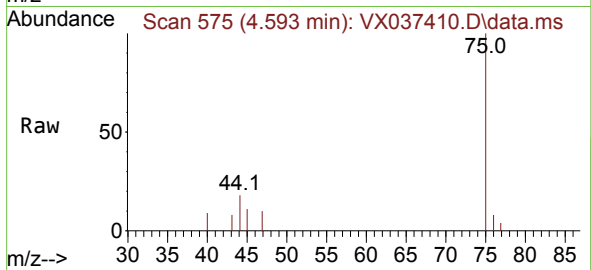




#25
2-Butanone
Concen: 0.267 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

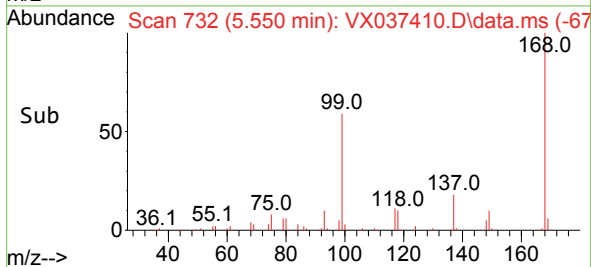
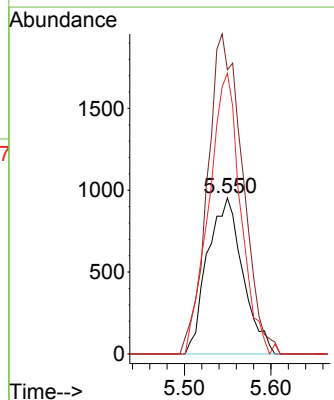
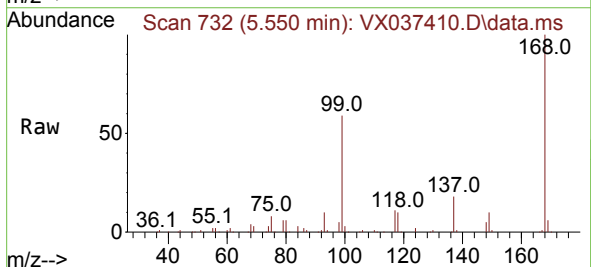
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

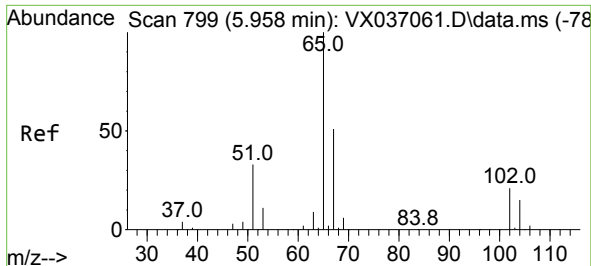
Tgt Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 56 Resp: 2700
Ion Ratio Lower Upper
56 100
69 182.2 23.4 35.2#
84 180.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.680 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037410.D

Acq: 31 Aug 2023 06:39

Instrument :

MSVOA_X

ClientSampleId :

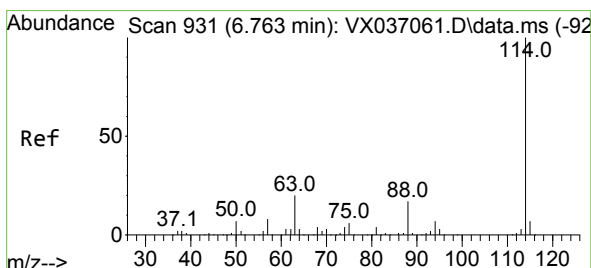
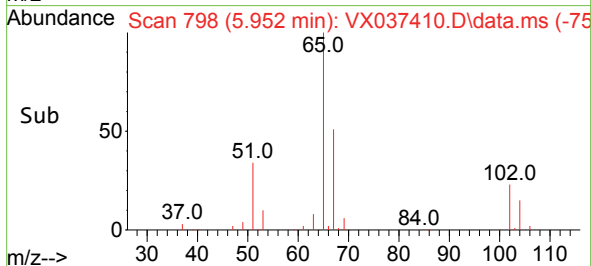
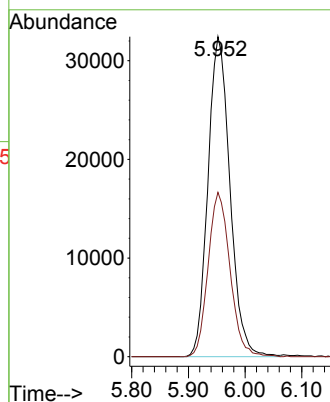
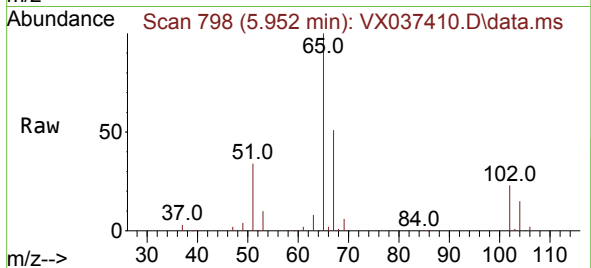
DUP10-20230822

Tgt Ion: 65 Resp: 87467

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037410.D

Acq: 31 Aug 2023 06:39

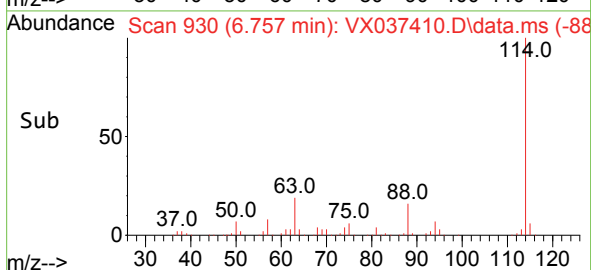
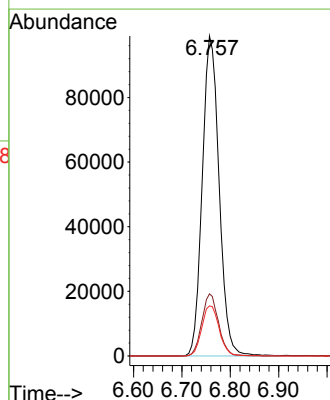
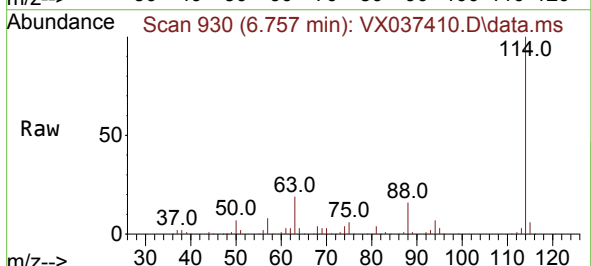
Tgt Ion: 114 Resp: 239491

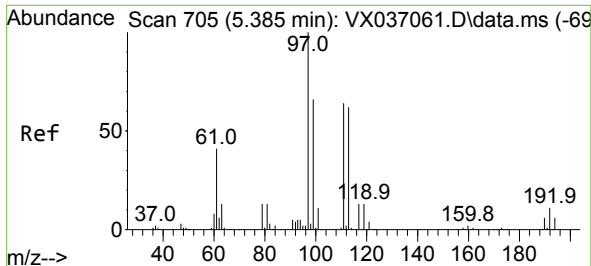
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.6 0.0 36.6

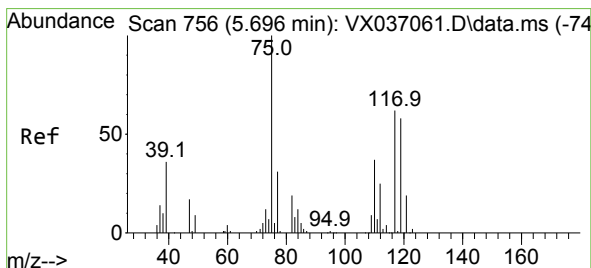
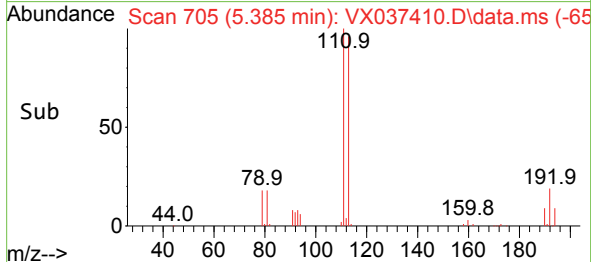
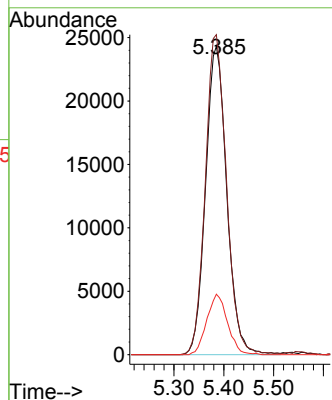
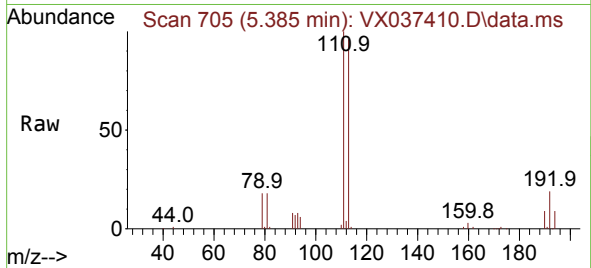




#35
Dibromofluoromethane
Concen: 45.320 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

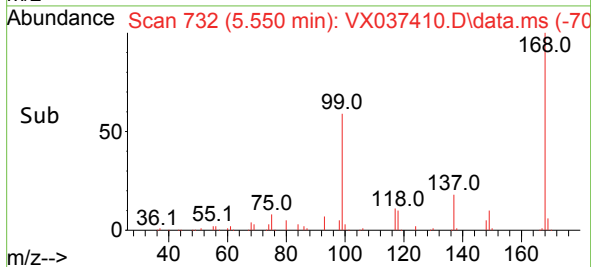
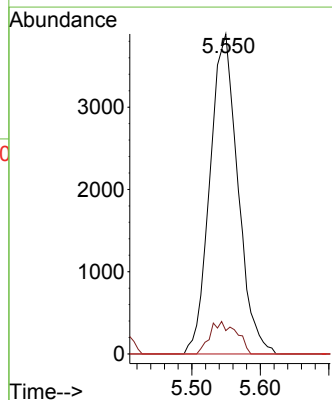
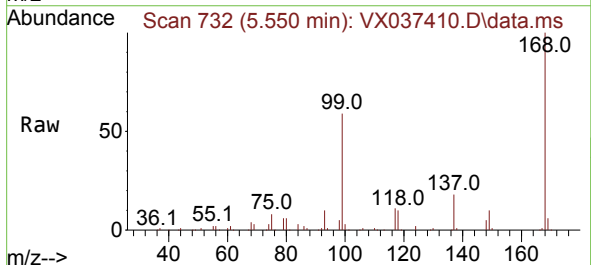
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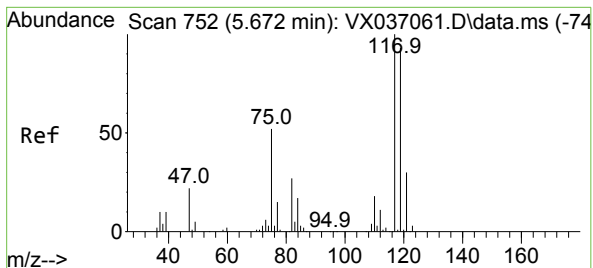
Tgt Ion:113 Resp: 71882
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 75 Resp: 11025
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.271 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX037410.D

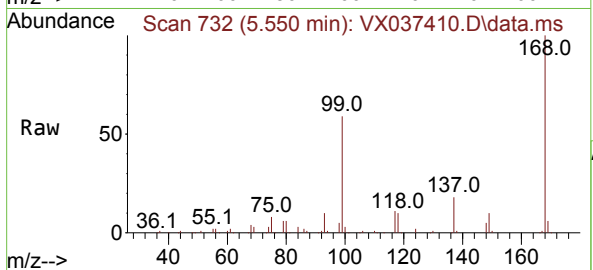
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Instrument :

MSVOA_X

ClientSampleId :

DUP10-20230822



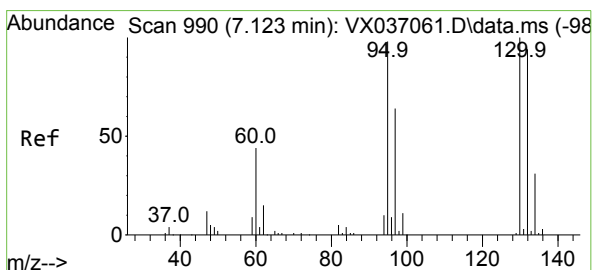
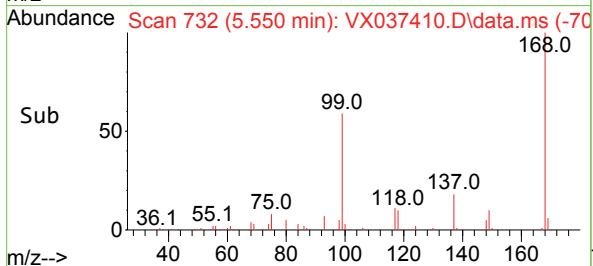
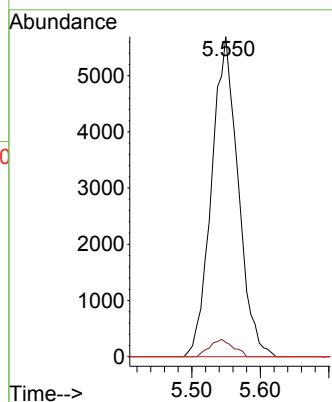
Tgt Ion:117 Resp: 15351

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.246 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX037410.D

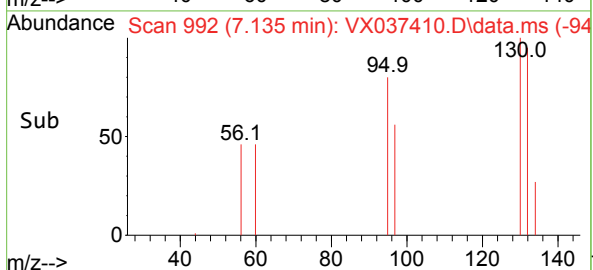
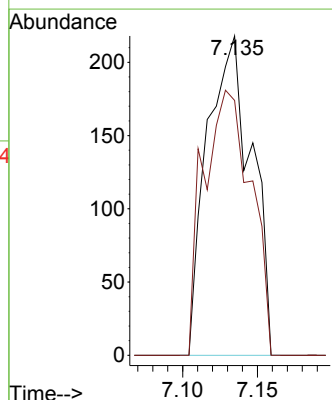
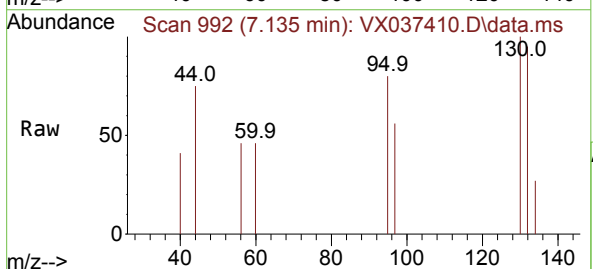
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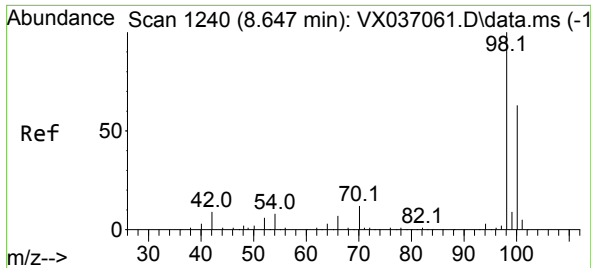
Tgt Ion:130 Resp: 450

Ion Ratio Lower Upper

130 100

95 79.8 0.0 204.4

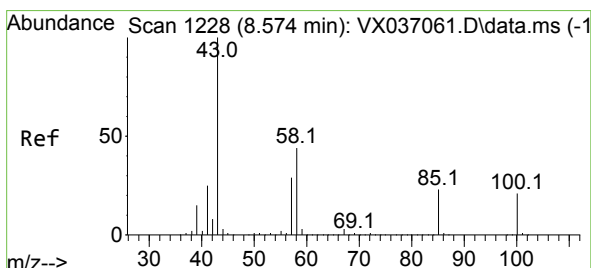
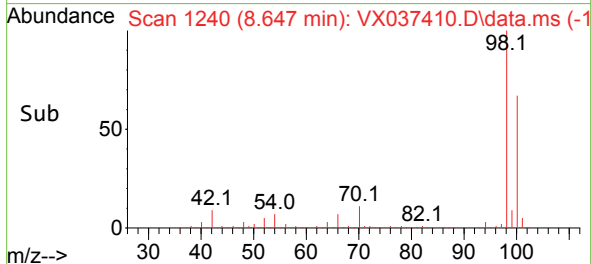
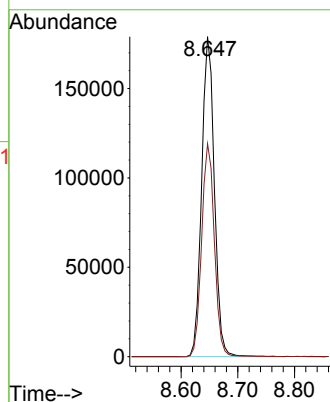
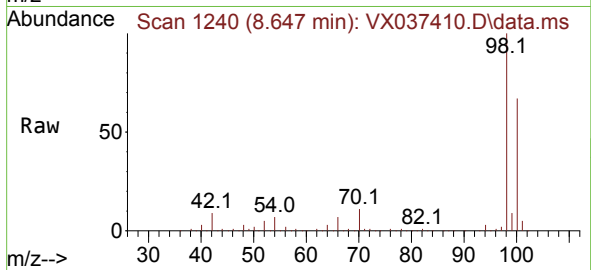




#50
Toluene-d8
Concen: 48.253 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

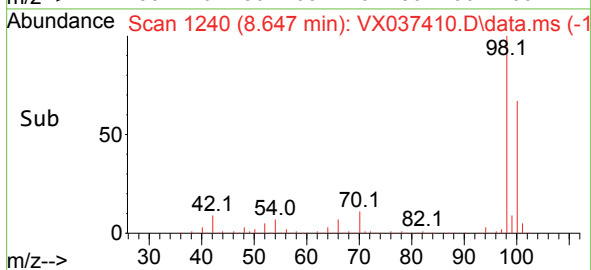
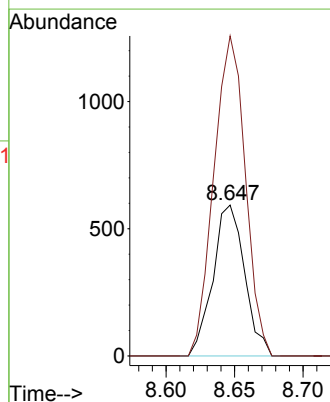
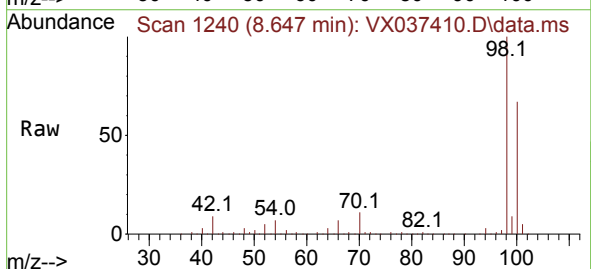
Instrument :
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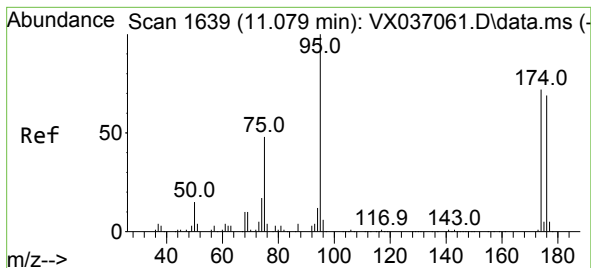
Tgt Ion: 98 Resp: 277618
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 210.7 30.4 45.6#

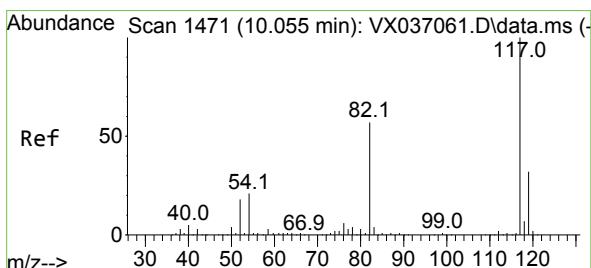
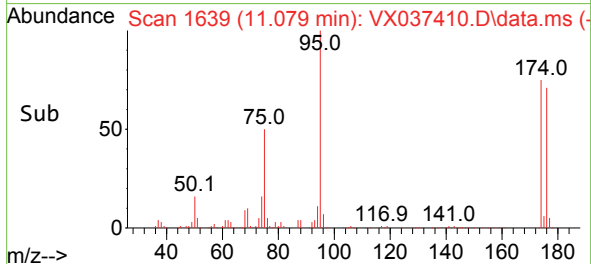
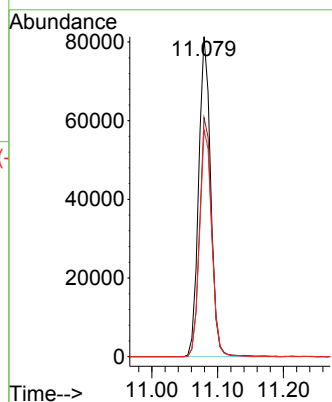
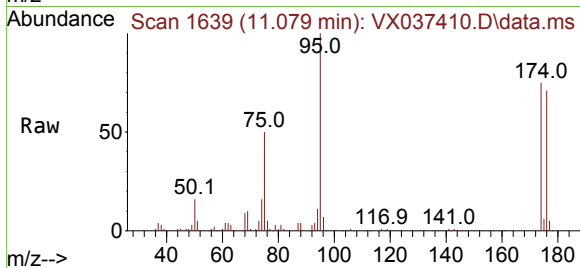




#62
4-Bromofluorobenzene
Concen: 45.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

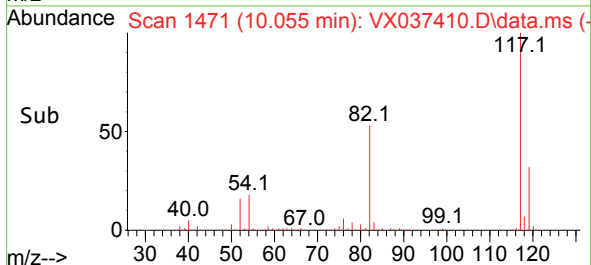
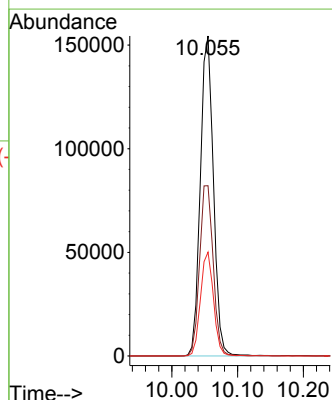
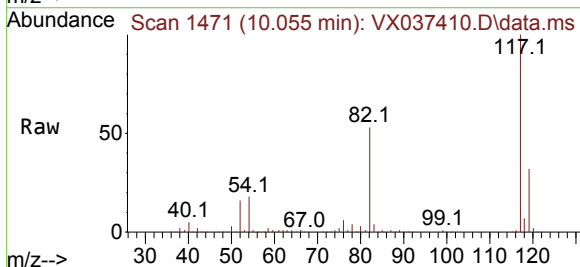
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

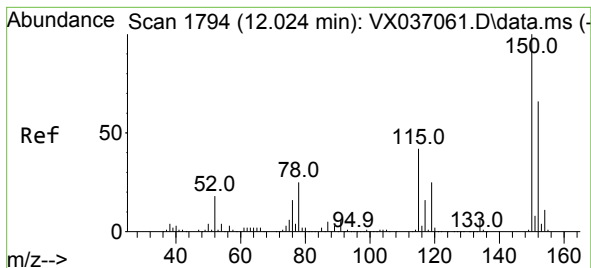
Tgt Ion: 95 Resp: 103053
Ion Ratio Lower Upper
95 100
174 75.6 0.0 135.6
176 72.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 117 Resp: 213638
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 32.5 25.5 38.3

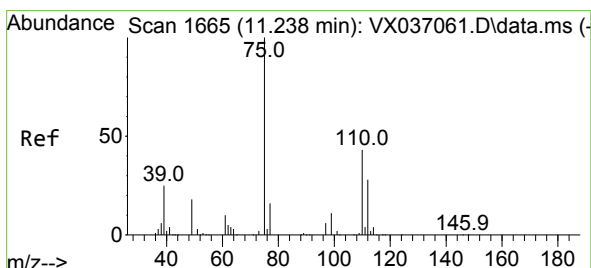
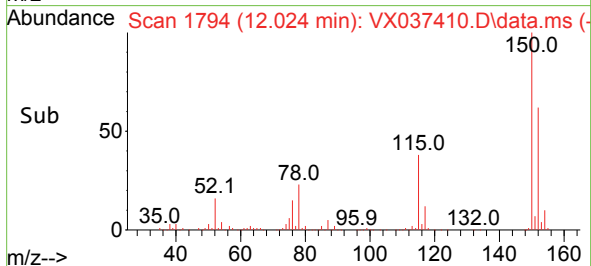
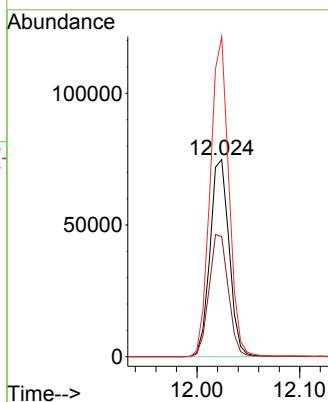
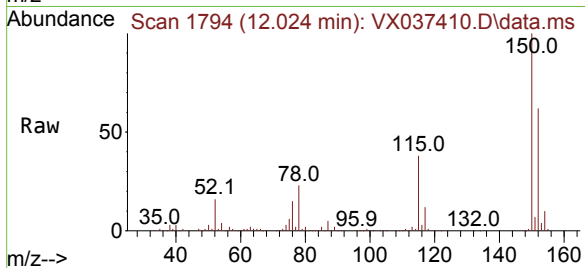




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

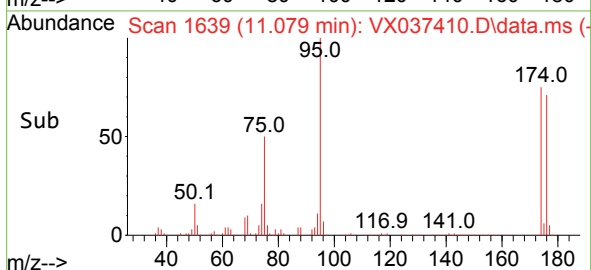
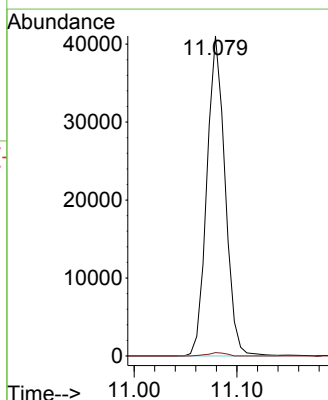
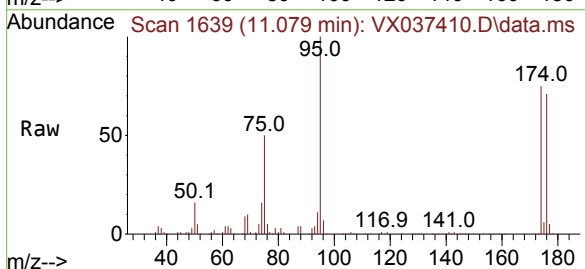
Instrument :
MSVOA_X
ClientSampleId :
DUP10-20230822

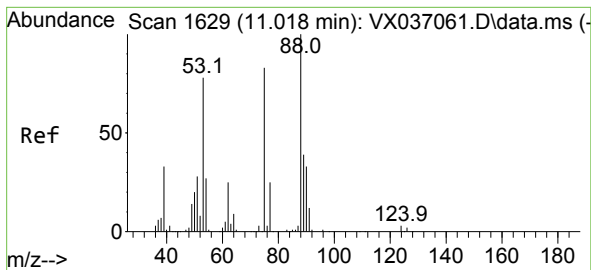
Tgt Ion:152 Resp: 96711
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 157.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037410.D
Acq: 31 Aug 2023 06:39

Tgt Ion: 75 Resp: 50522
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.513 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037410.D
 Acq: 31 Aug 2023 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP10-20230822

Tgt Ion: 75 Resp: 50522
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

