

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037294.D
 Acq On : 28 Aug 2023 14:59
 Operator : JC/MD
 Sample : 04095-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20230817

Quant Time: Aug 29 00:58:56 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)

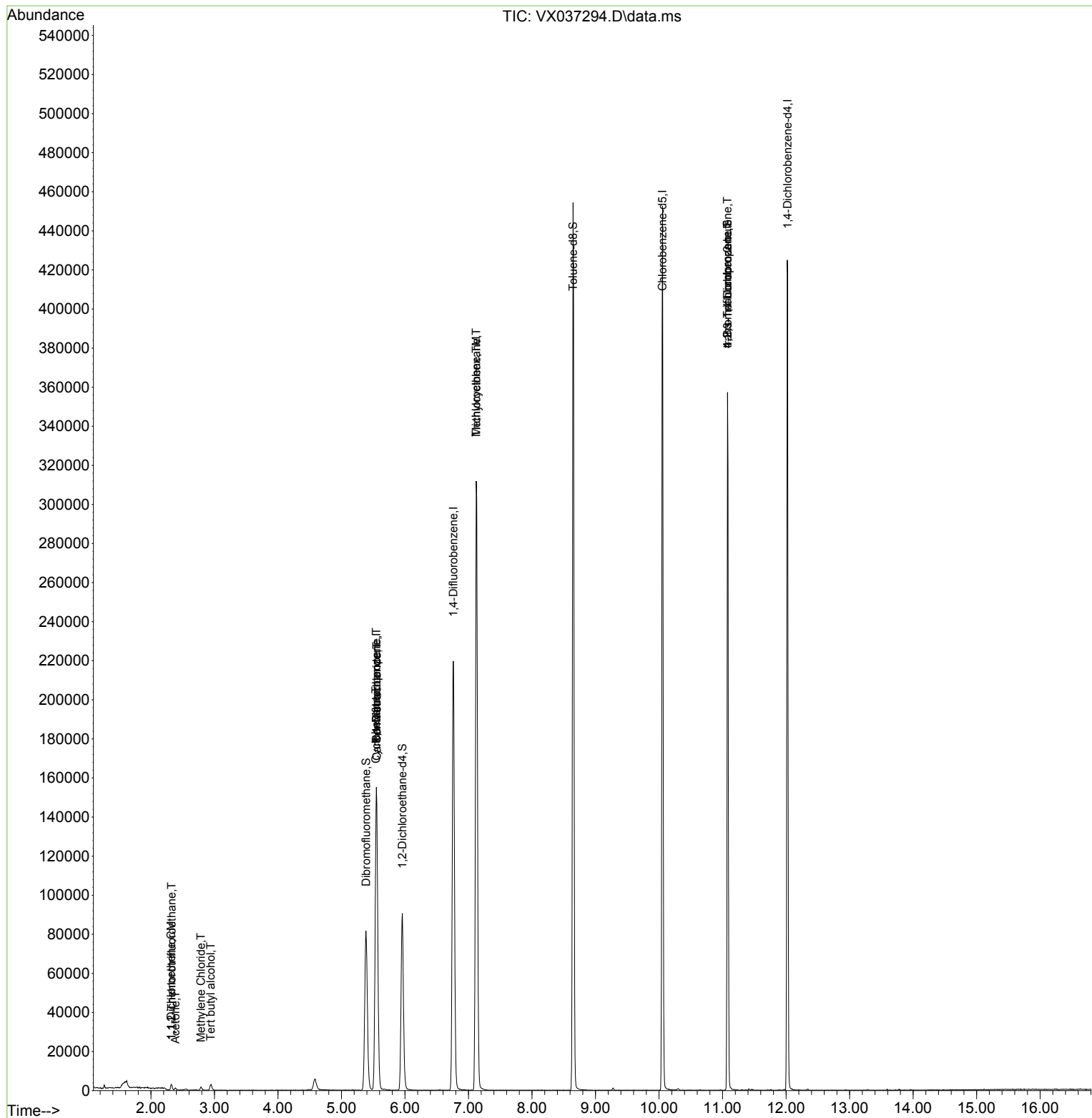
Internal Standards						
1) Pentafluorobenzene	5.550	168	145512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88478	42.176	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.360%
35) Dibromofluoromethane	5.385	113	72639	46.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.340%
50) Toluene-d8	8.647	98	275384	48.255	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.079	95	100586	44.850	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	942	0.612	ug/l #	91
11) Tert butyl alcohol	2.941	59	1961	3.985	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	321	0.214	ug/l #	54
16) Acetone	2.386	43	1177	1.434	ug/l #	70
20) Methylene Chloride	2.788	84	913	0.497	ug/l	84
31) Cyclohexane	5.544	56	2881	1.221	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11196	5.009	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15461	6.368	ug/l #	15
39) Methylcyclohexane	7.123	83	1558	0.663	ug/l #	1
44) Trichloroethene	7.123	130	125959	69.294	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	50483	26.120	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50483	72.955	ug/l #	5

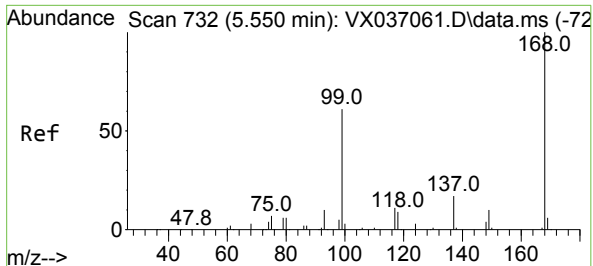
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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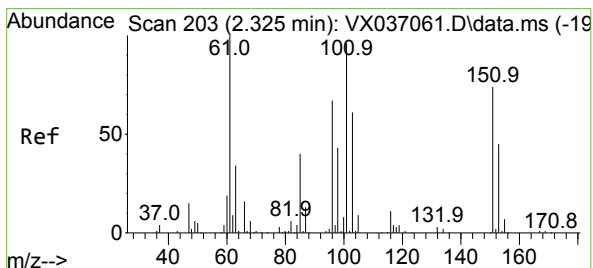
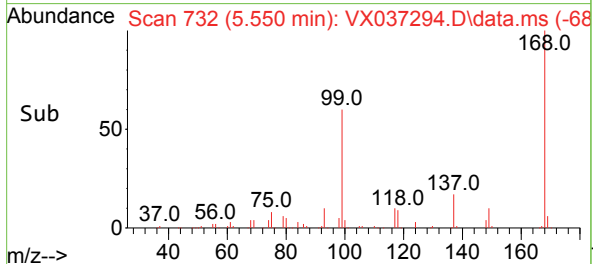
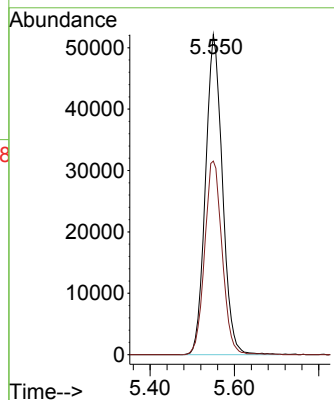
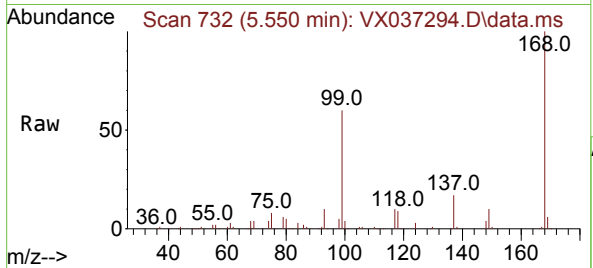




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

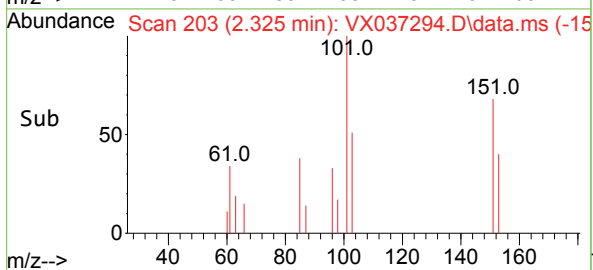
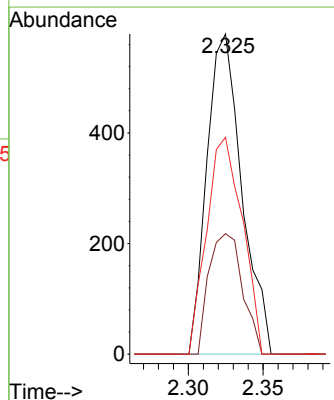
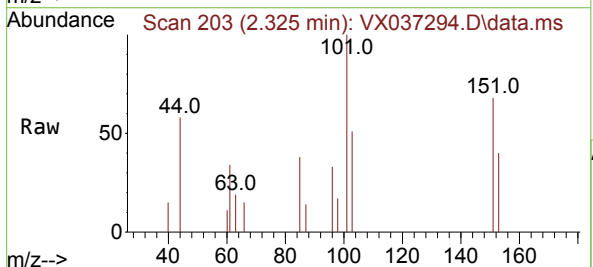
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230817

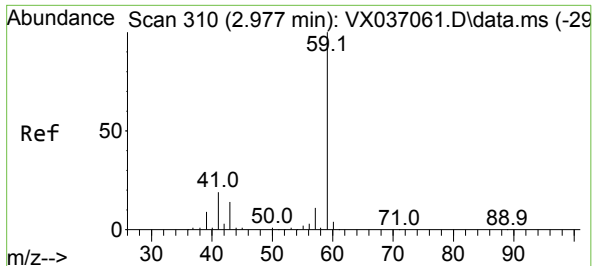
Tgt Ion:168 Resp: 145512
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.612 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Tgt Ion:101 Resp: 942
Ion Ratio Lower Upper
101 100
85 36.1 37.0 55.6#
151 69.2 58.6 87.8





#11

Tert butyl alcohol

Concen: 3.985 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX037294.D

Acq: 28 Aug 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

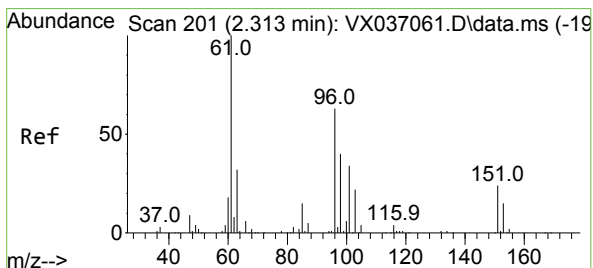
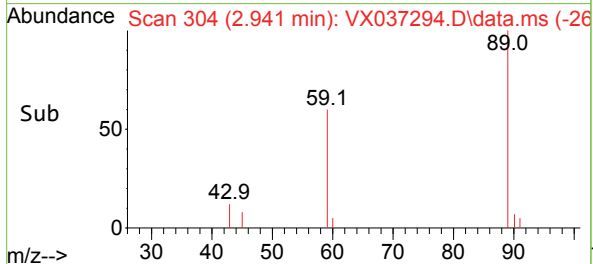
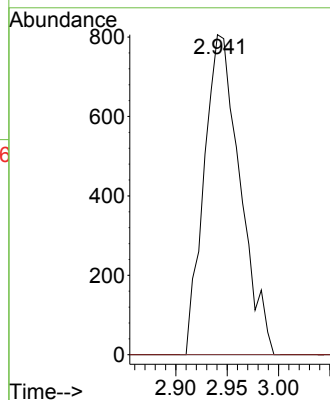
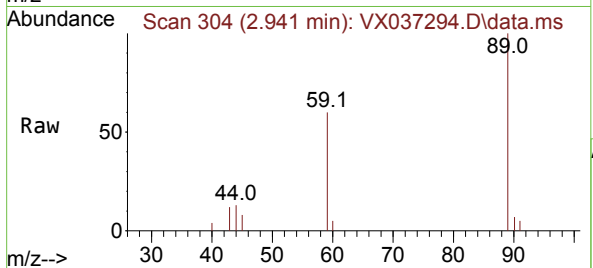
DUP03-20230817

Tgt Ion: 59 Resp: 1961

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.214 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX037294.D

Acq: 28 Aug 2023 14:59

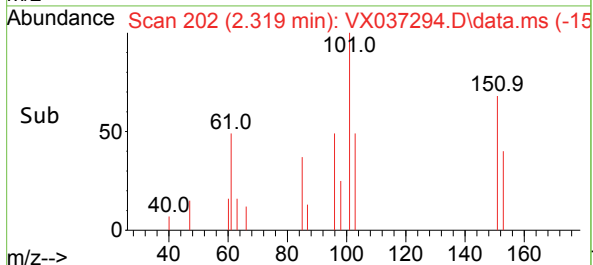
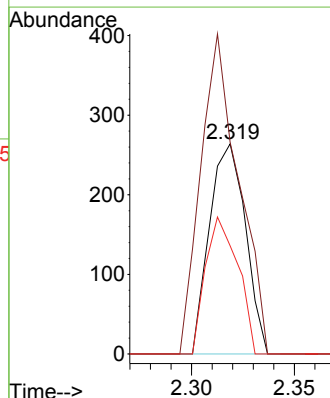
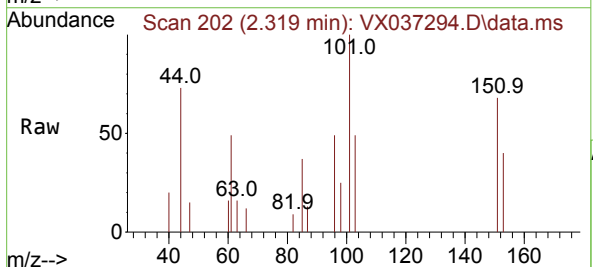
Tgt Ion: 96 Resp: 321

Ion Ratio Lower Upper

96 100

61 100.8 144.6 216.8#

98 51.5 50.4 75.6

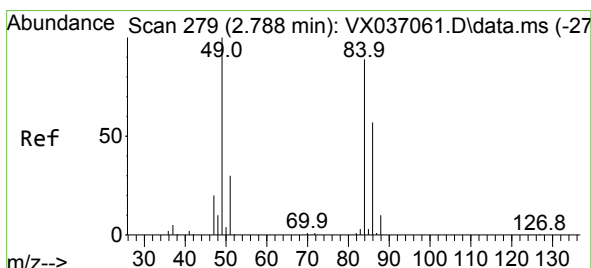
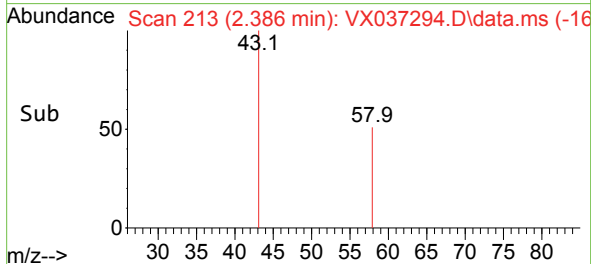
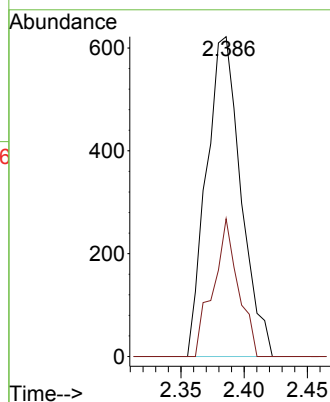
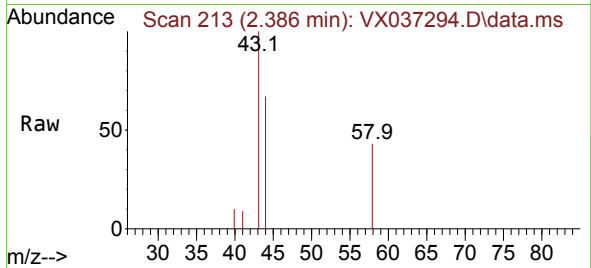




#16
Acetone
Concen: 1.434 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

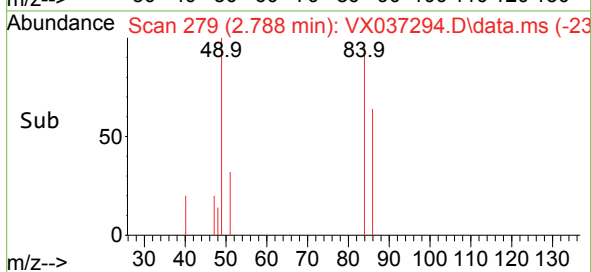
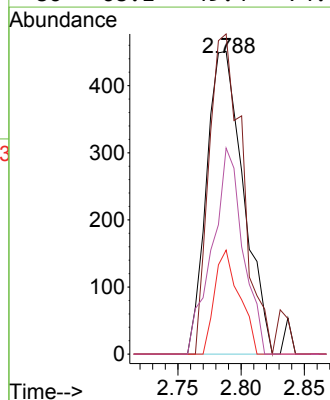
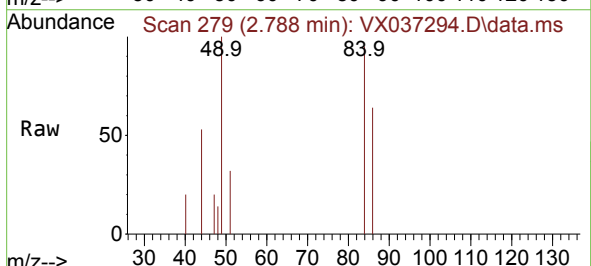
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230817

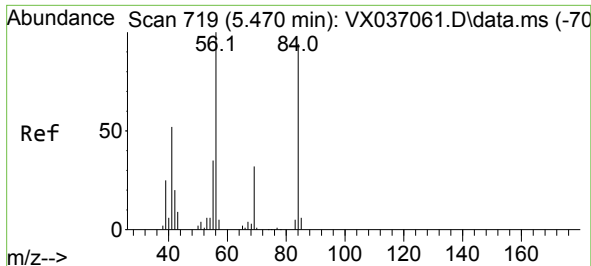
Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 43.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.497 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

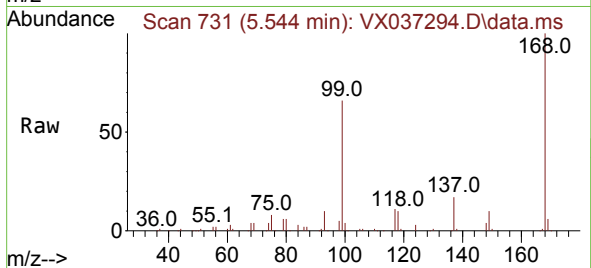
Tgt Ion: 84 Resp: 913
Ion Ratio Lower Upper
84 100
49 105.8 103.6 155.4
51 34.4 33.8 50.6
86 68.1 49.4 74.0



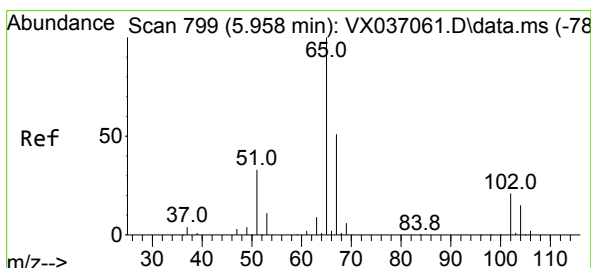
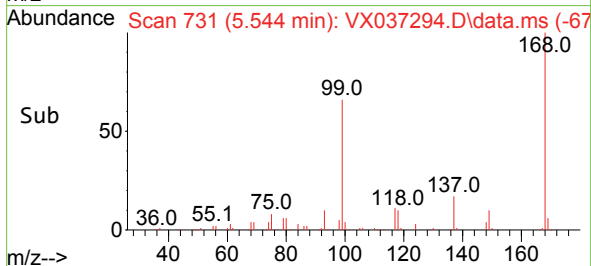
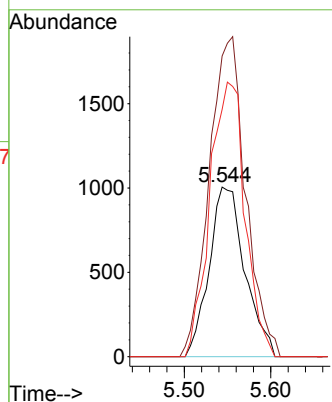


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230817

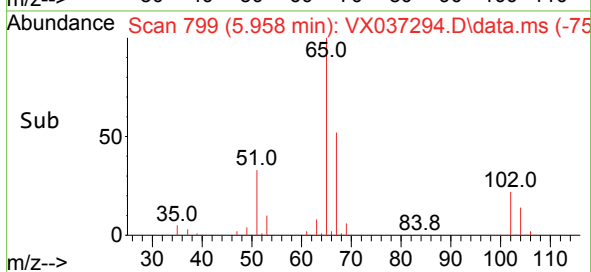
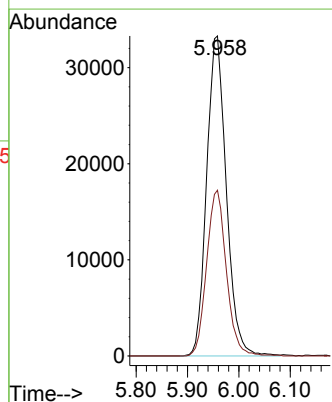
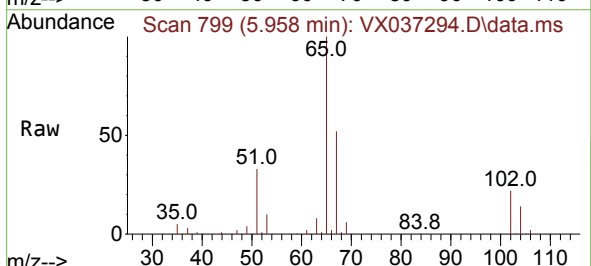


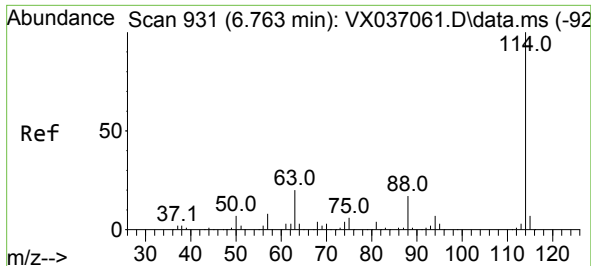
Tgt Ion: 56 Resp: 2881
Ion Ratio Lower Upper
56 100
69 177.3 23.4 35.2#
84 145.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.176 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Tgt Ion: 65 Resp: 88478
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

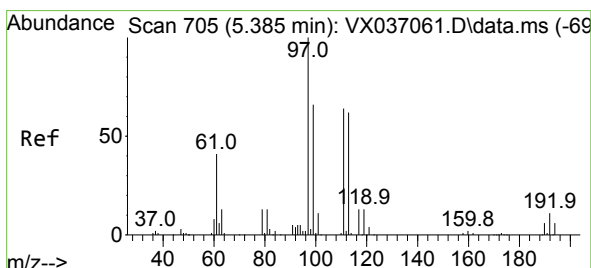
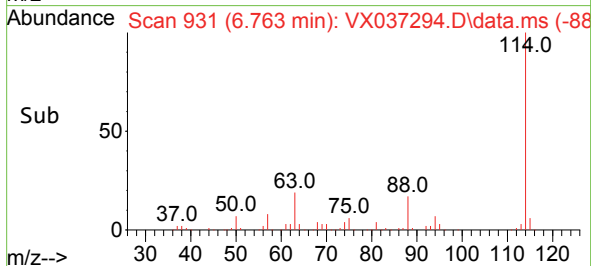
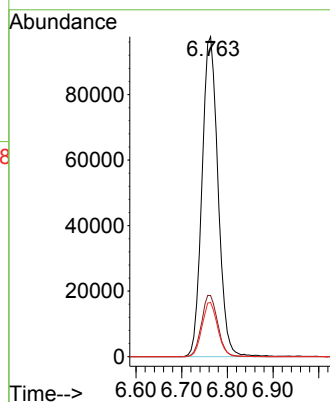
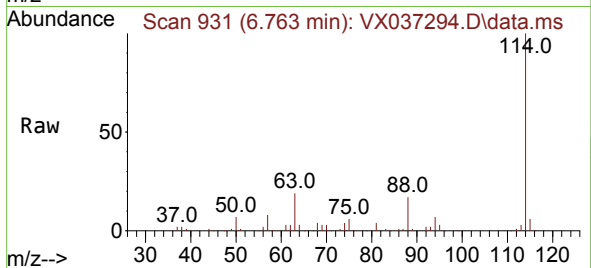




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

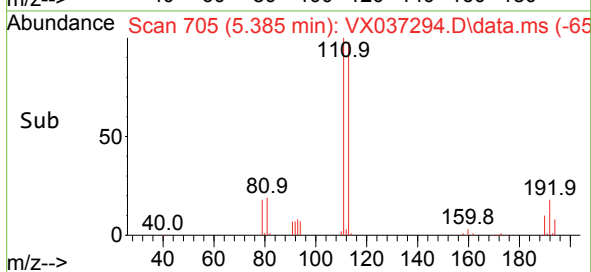
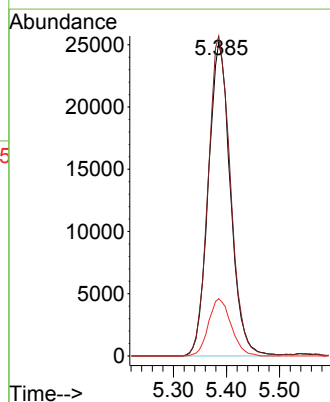
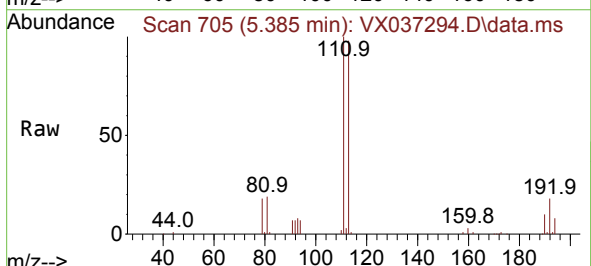
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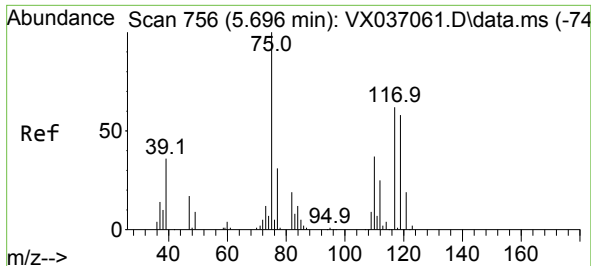
Tgt Ion:114 Resp: 237557
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.170 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Tgt Ion:113 Resp: 72639
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.8 13.3 19.9

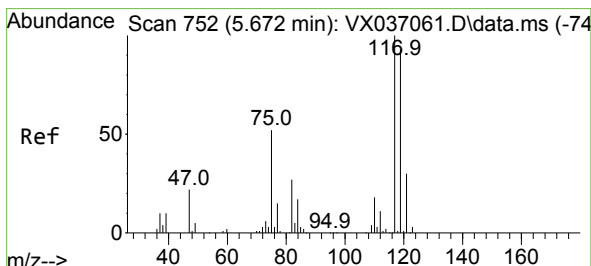
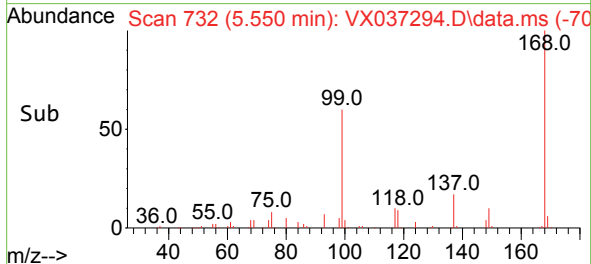
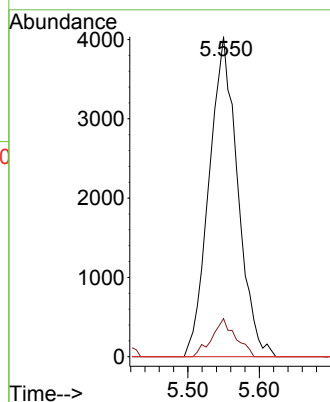
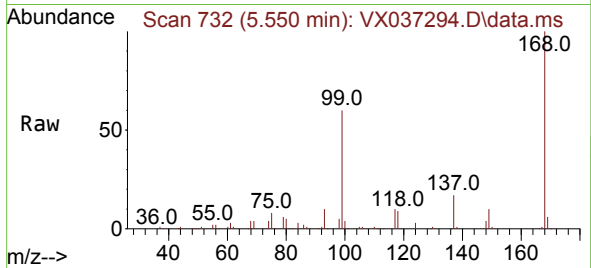




#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

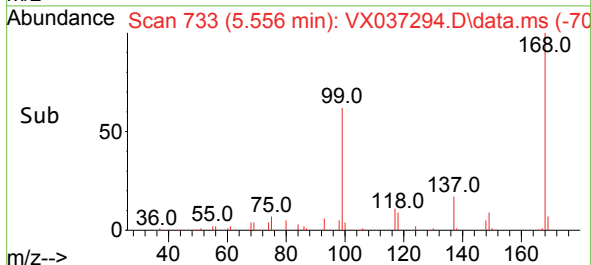
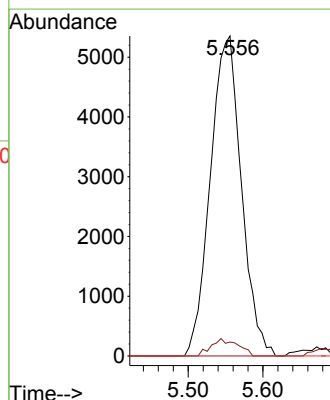
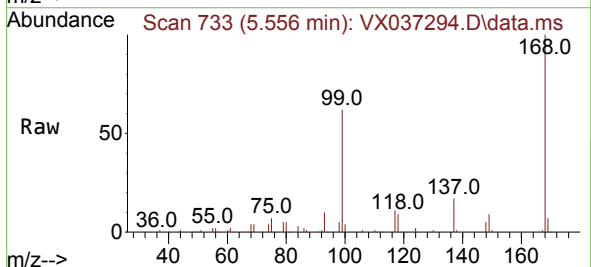
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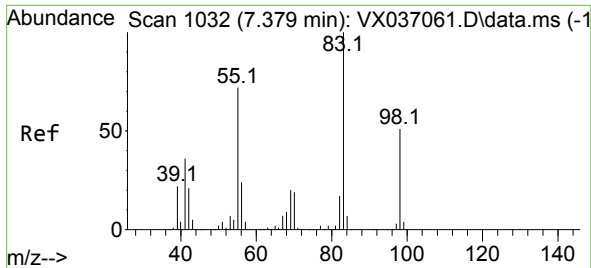
Tgt Ion: 75 Resp: 11196
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Tgt Ion: 117 Resp: 15461
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

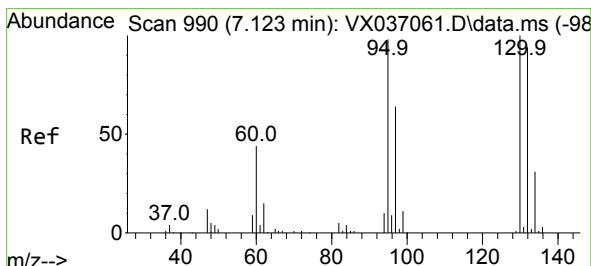
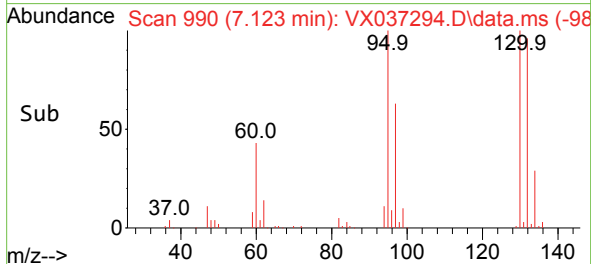
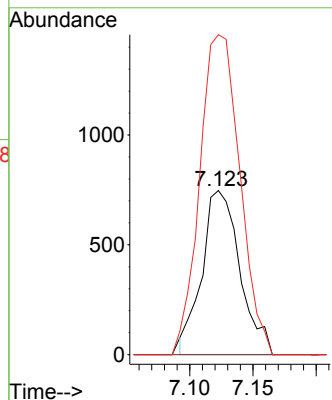
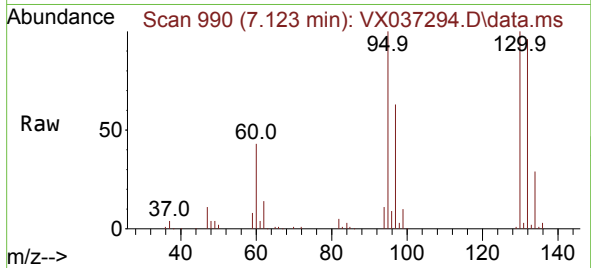




#39
Methylcyclohexane
Concen: 0.663 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

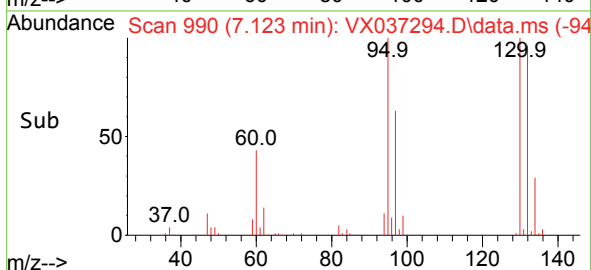
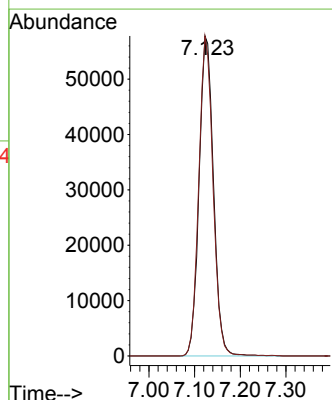
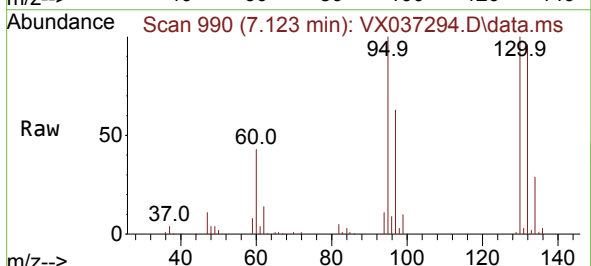
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230817

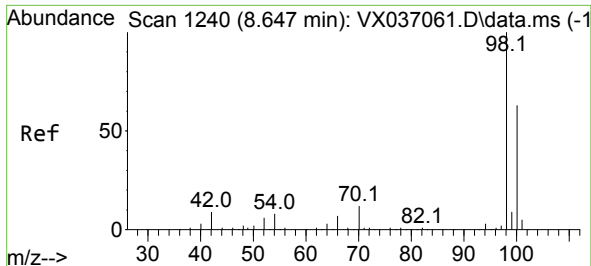
Tgt Ion: 83 Resp: 1558
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 195.0 36.7 55.1#



#44
Trichloroethene
Concen: 69.294 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Tgt Ion:130 Resp: 125959
Ion Ratio Lower Upper
130 100
95 99.9 0.0 204.4

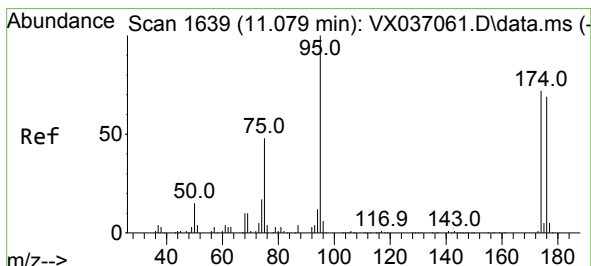
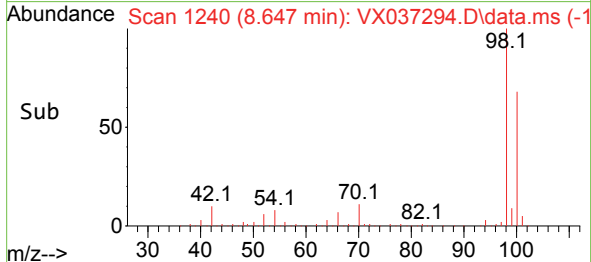
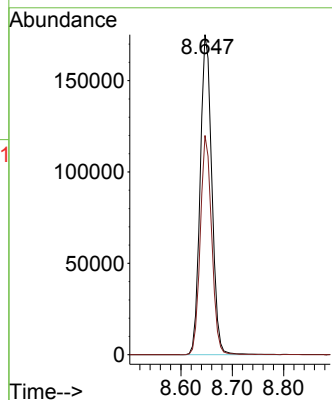
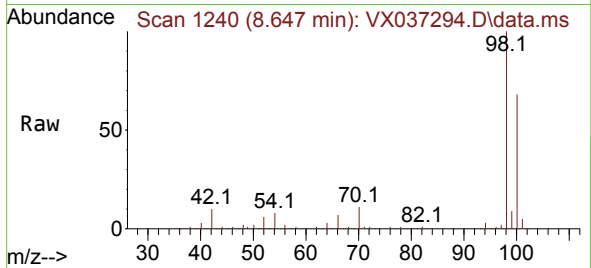




#50
Toluene-d8
Concen: 48.255 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

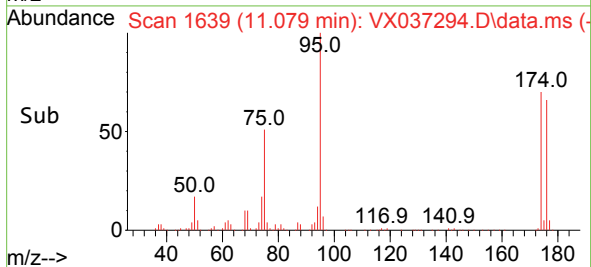
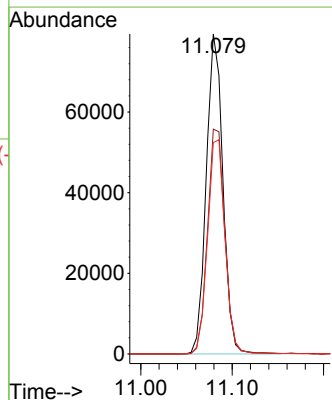
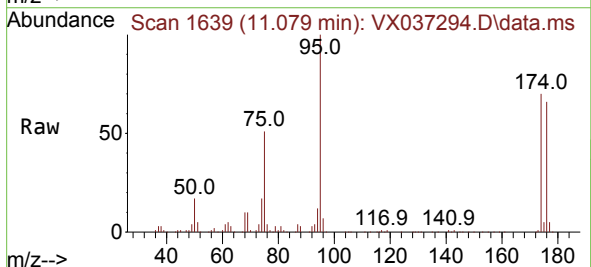
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230817

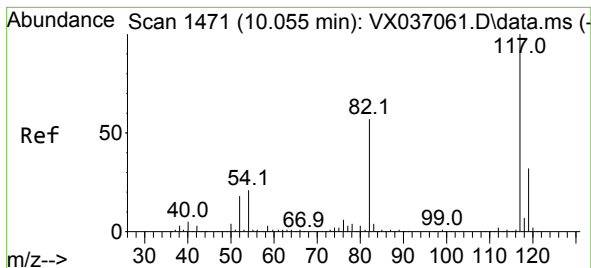
Tgt Ion: 98 Resp: 275384
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.850 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Tgt Ion: 95 Resp: 100586
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.2 0.0 131.0

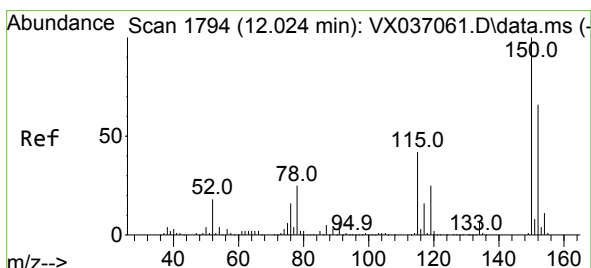
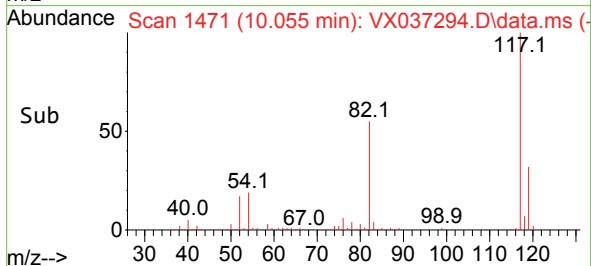
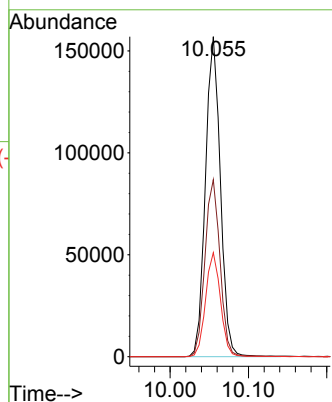
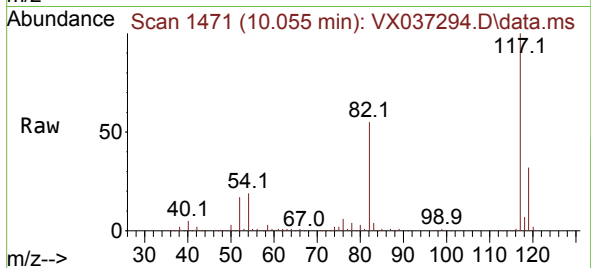




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

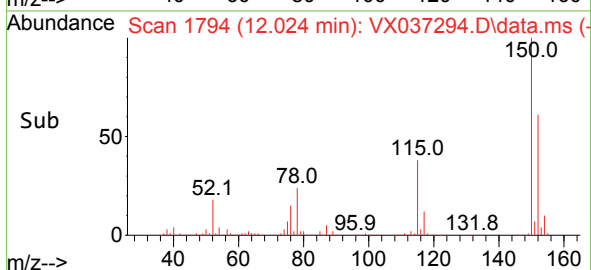
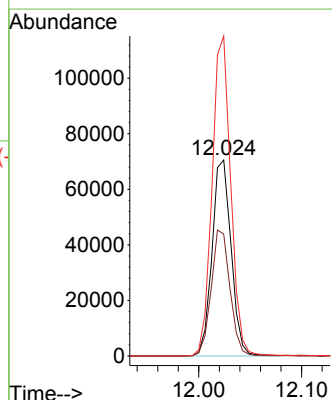
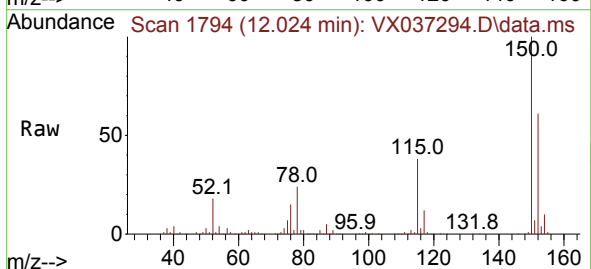
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20230817

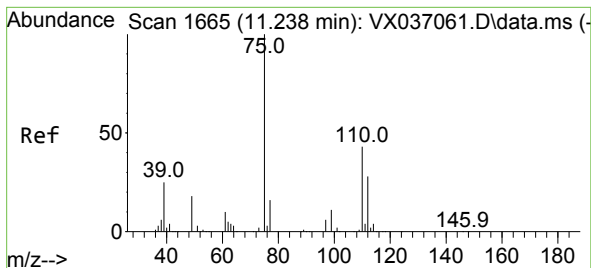
Tgt Ion:117 Resp: 207598
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037294.D
Acq: 28 Aug 2023 14:59

Tgt Ion:152 Resp: 90752
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 159.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.120 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037294.D

Acq: 28 Aug 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

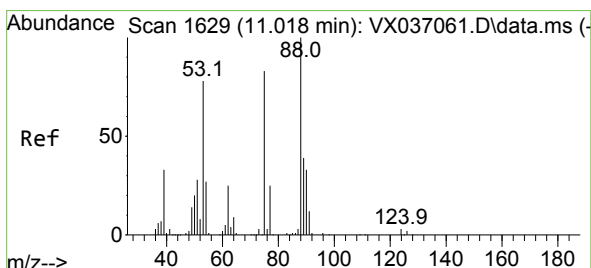
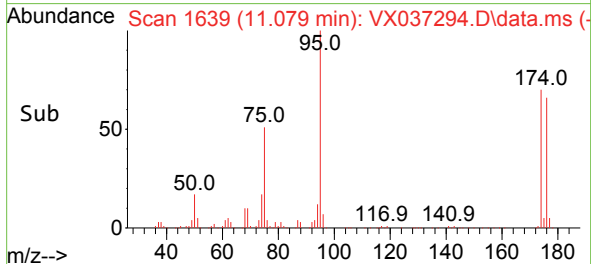
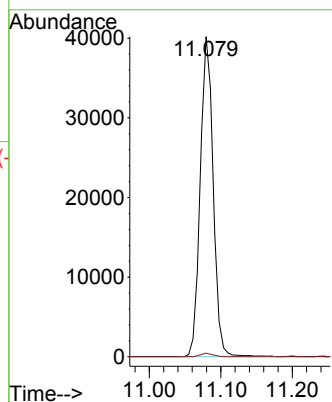
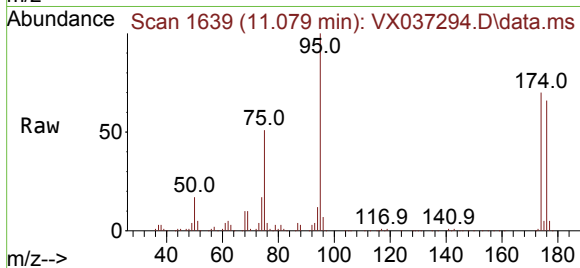
DUP03-20230817

Tgt Ion: 75 Resp: 50483

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.955 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037294.D

Acq: 28 Aug 2023 14:59

Tgt Ion: 75 Resp: 50483

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

