

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014038.D
 Acq On : 06 Jun 2023 18:09
 Operator : KP/MD
 Sample : 03039-05RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB31BRE

Quant Time: Jun 07 01:41:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

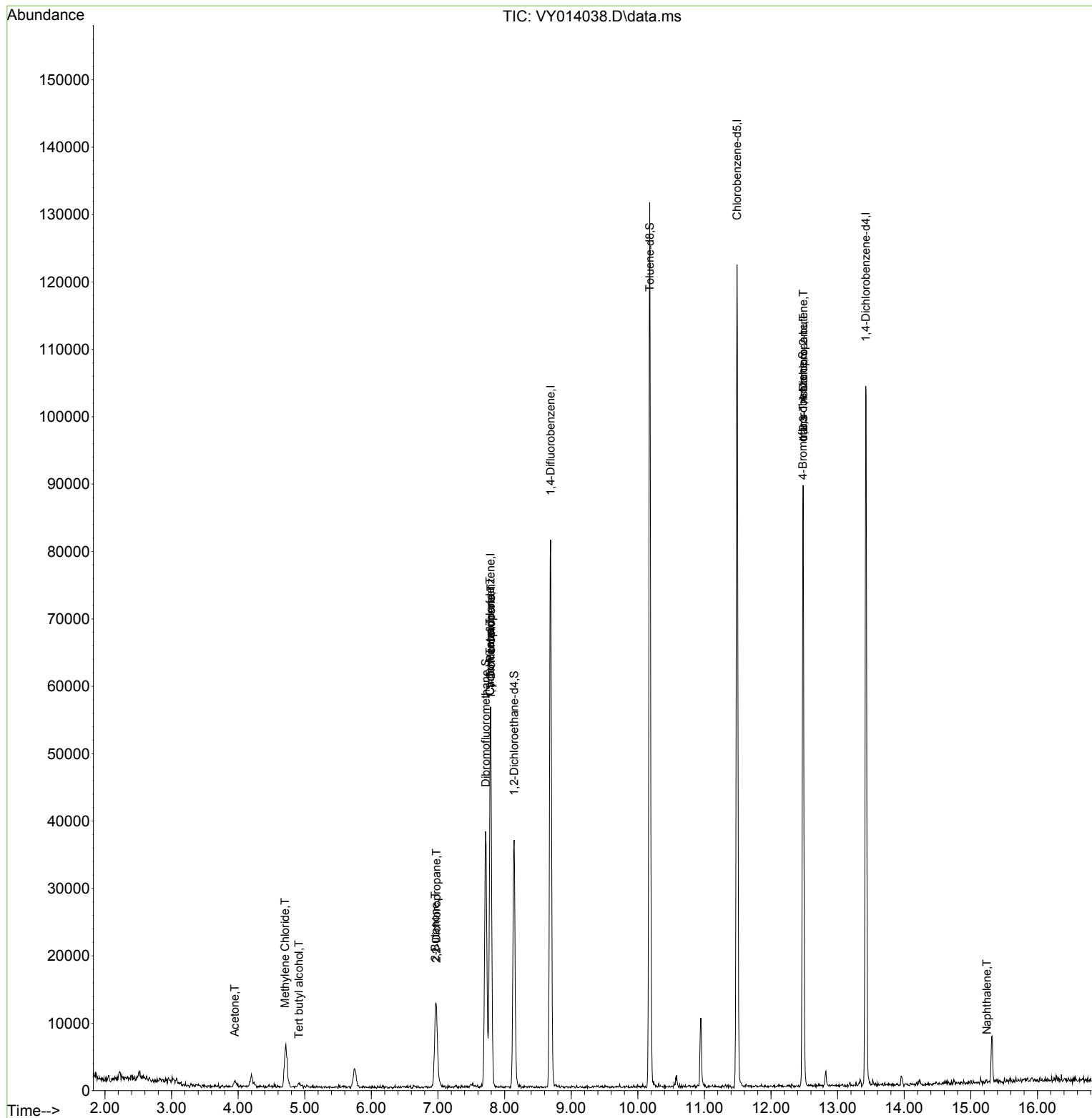
Internal Standards						
1) Pentafluorobenzene	7.789	168	42816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	68880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	66697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29880	52.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.440%	
35) Dibromofluoromethane	7.716	113	26181	59.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.620%	
50) Toluene-d8	10.179	98	84806	50.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.477	95	25134	44.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	253	2.172	ug/l #	89
16) Acetone	3.948	43	1406	7.251	ug/l #	76
20) Methylene Chloride	4.704	84	4279	4.525	ug/l #	75
25) 2-Butanone	6.960	43	443	1.834	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	887	1.131	ug/l #	54
31) Cyclohexane	7.783	56	978	1.433	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	3524	5.651	ug/l #	49
38) Carbon Tetrachloride	7.783	117	4193	6.000	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	13298	35.761	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13298	75.868	ug/l #	10
95) Naphthalene	15.239	128	38	3.908	ug/l #	69

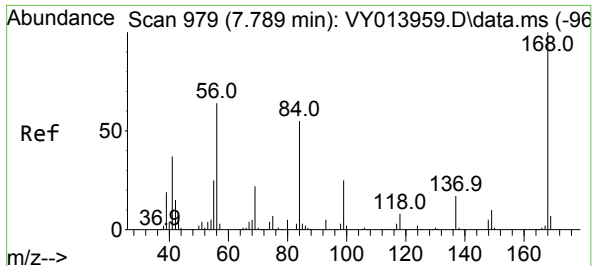
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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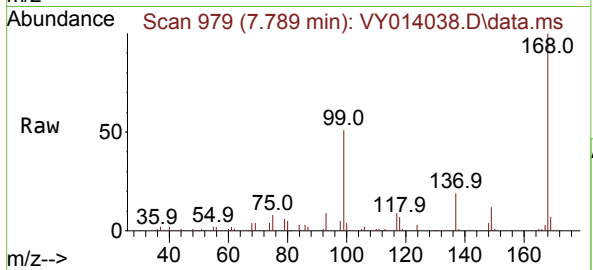
Quant Time: Jun 07 01:41:21 2023
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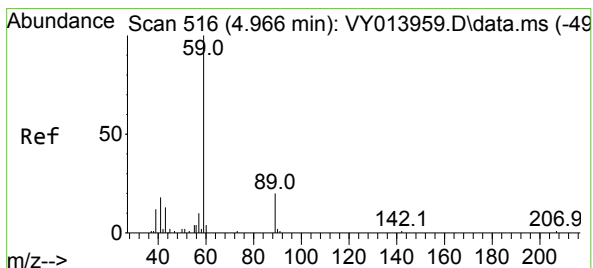
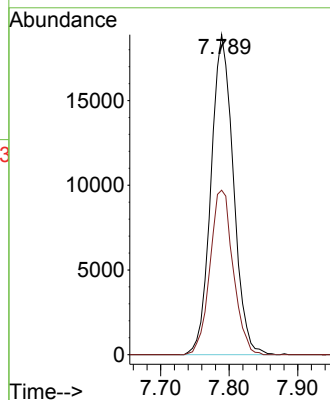
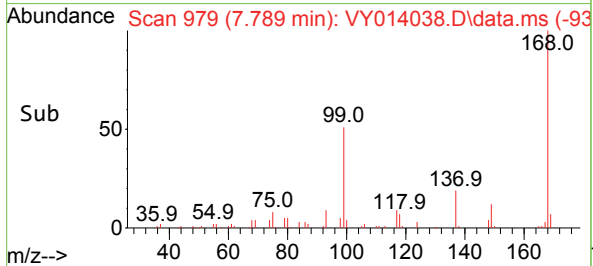


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014038.D
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Instrument :
MSVOA_Y
ClientSampleId :
SB31BRE

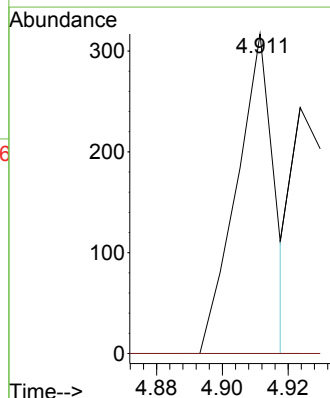
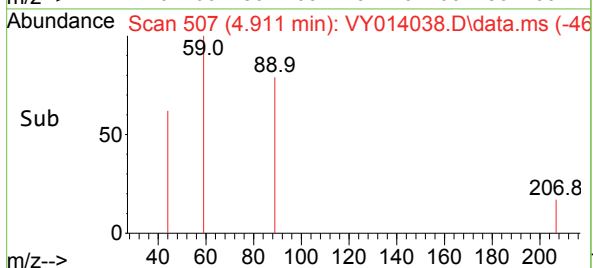
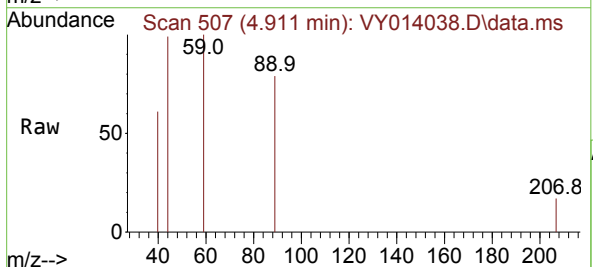


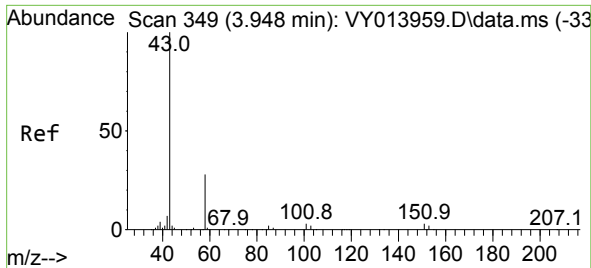
Tgt Ion:168 Resp: 42816
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.172 ug/l
RT: 4.911 min Scan# 507
Delta R.T. -0.055 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion: 59 Resp: 253
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 7.251 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY014038.D

Acq: 06 Jun 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

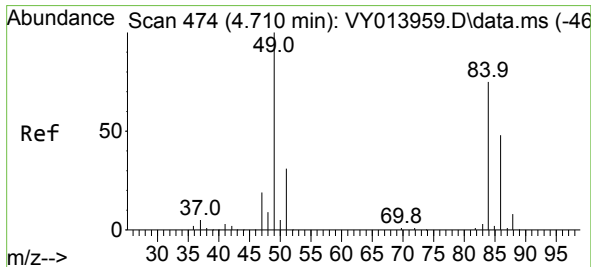
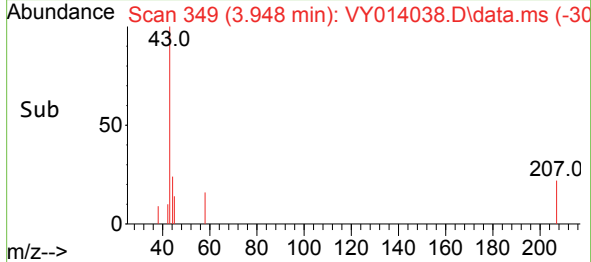
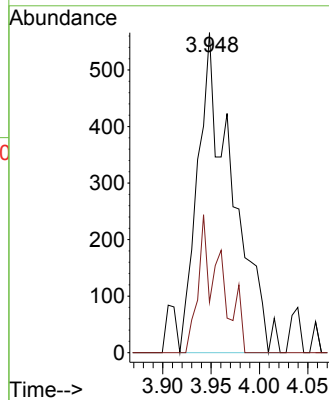
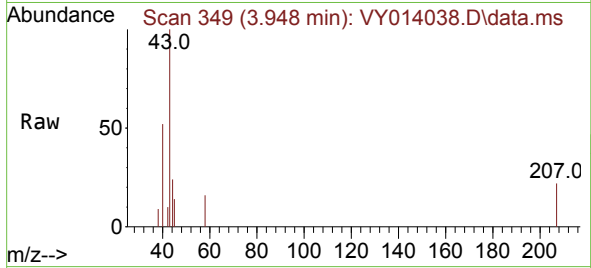
SB31BRE

Tgt Ion: 43 Resp: 1406

Ion Ratio Lower Upper

43 100

58 15.7 22.7 34.1#



#20

Methylene Chloride

Concen: 4.525 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY014038.D

Acq: 06 Jun 2023 18:09

Tgt Ion: 84 Resp: 4279

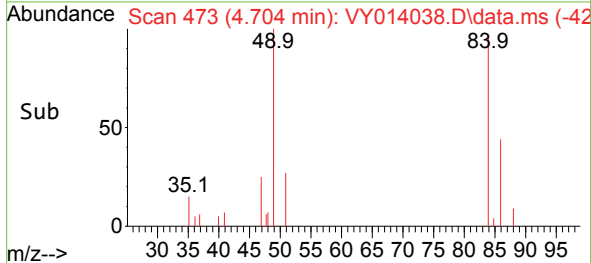
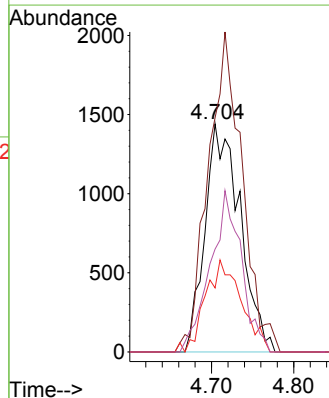
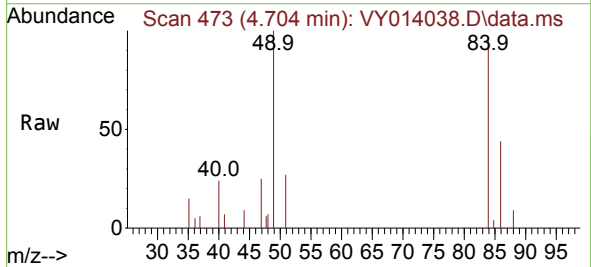
Ion Ratio Lower Upper

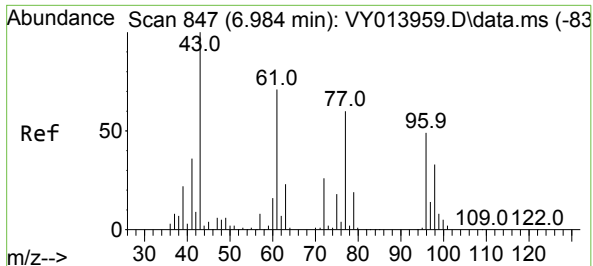
84 100

49 102.6 106.9 160.3#

51 28.0 33.2 49.8#

86 45.1 51.0 76.6#

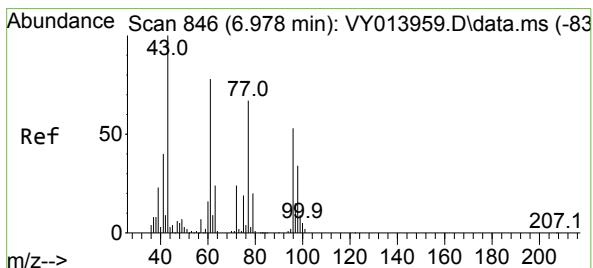
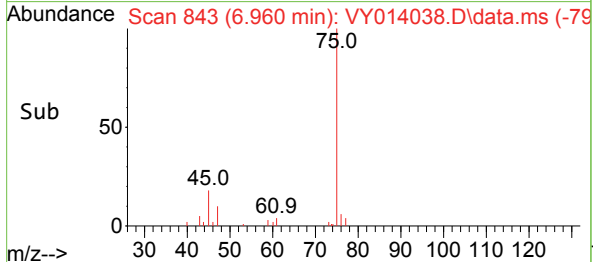
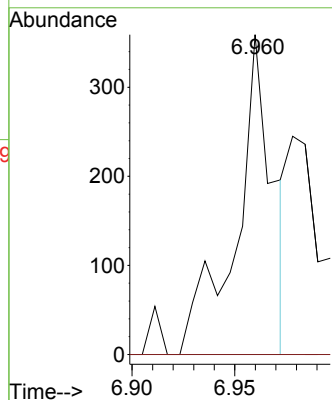
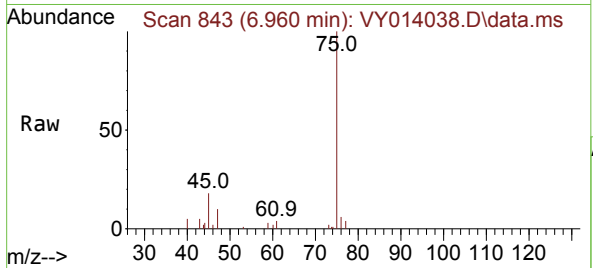




#25
2-Butanone
Concen: 1.834 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.024 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

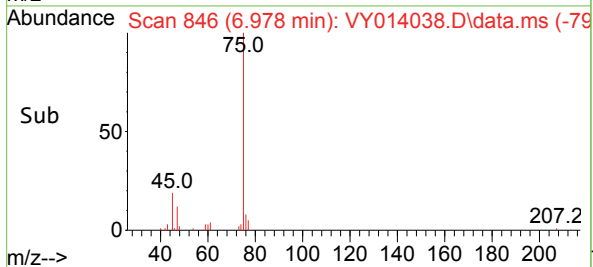
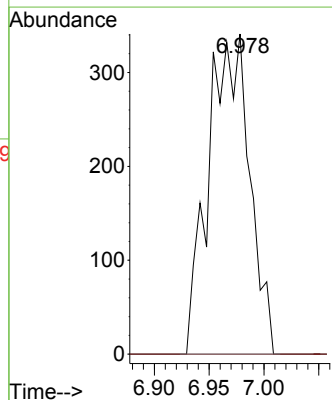
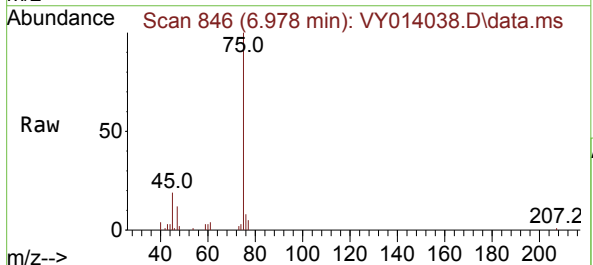
Instrument :
MSVOA_Y
ClientSampleId :
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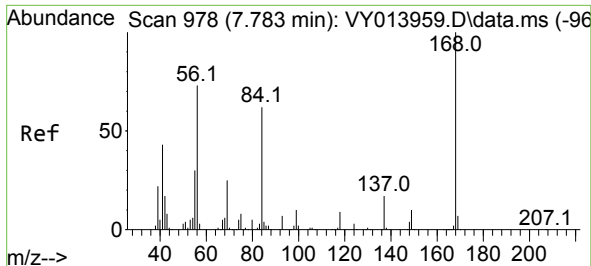
Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 1.131 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion: 77 Resp: 887
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

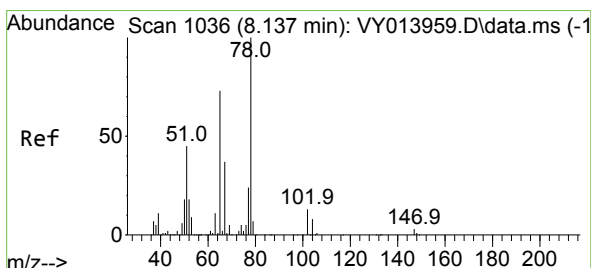
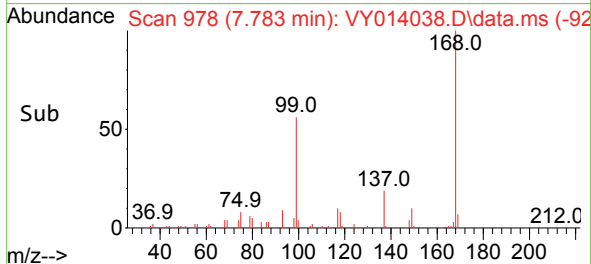
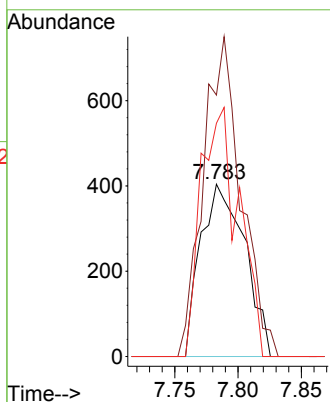
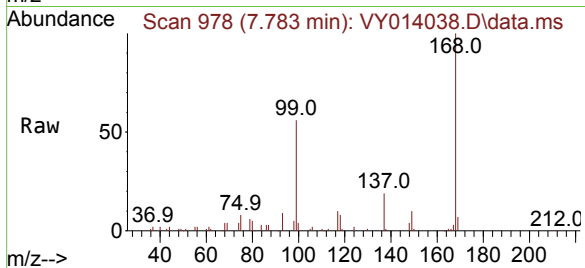




#31
Cyclohexane
Concen: 1.433 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

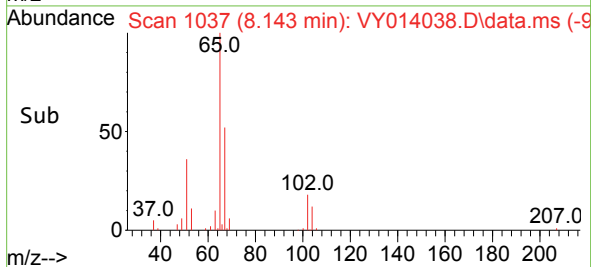
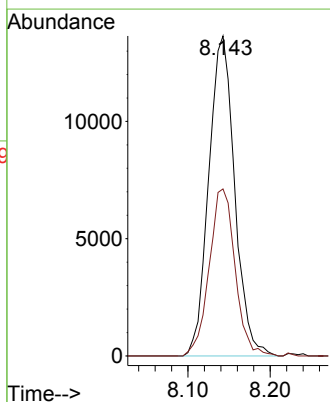
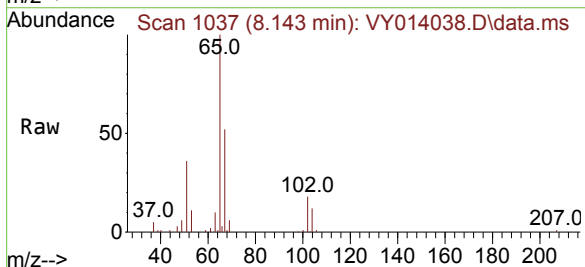
Instrument :
MSVOA_Y
ClientSampleId :
SB31BRE

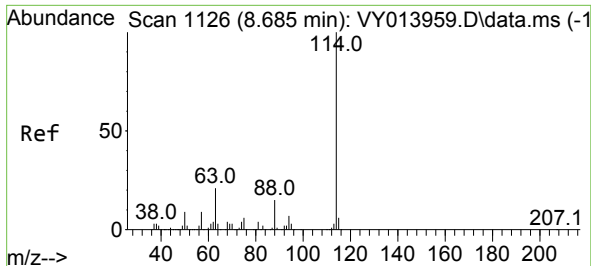
Tgt Ion: 56 Resp: 978
Ion Ratio Lower Upper
56 100
69 151.7 27.8 41.6#
84 135.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.719 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion: 65 Resp: 29880
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

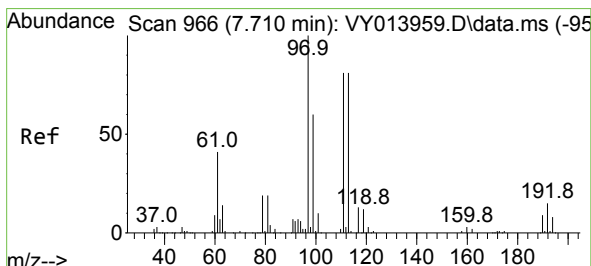
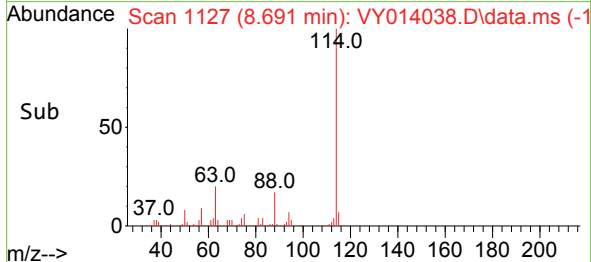
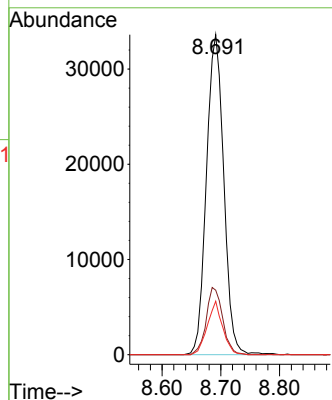
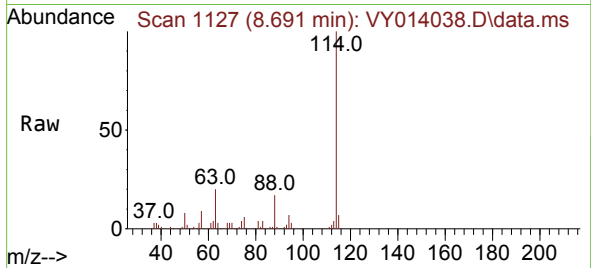




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

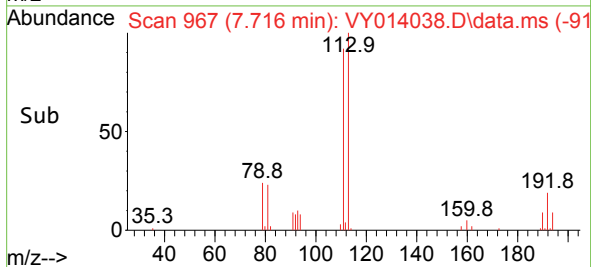
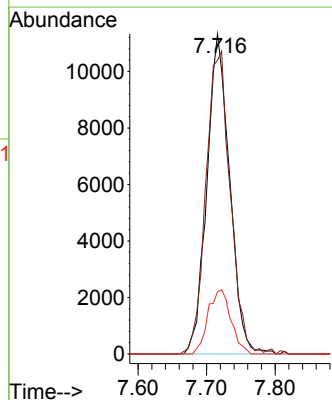
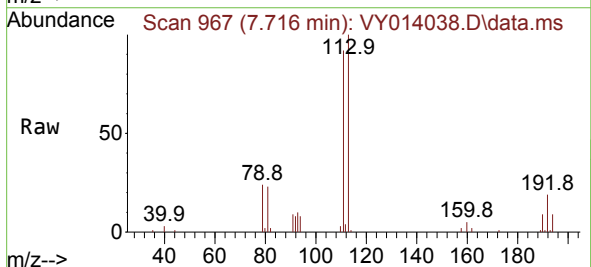
Instrument :
MSVOA_Y
ClientSampleId :
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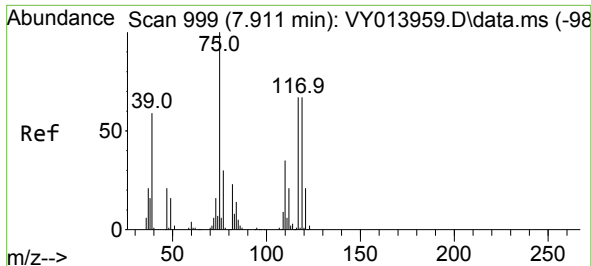
Tgt Ion:114 Resp: 68880
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 59.809 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion:113 Resp: 26181
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 20.1 16.9 25.3

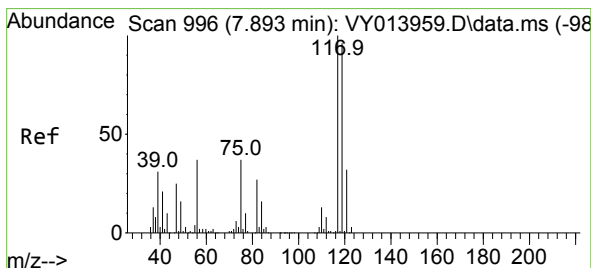
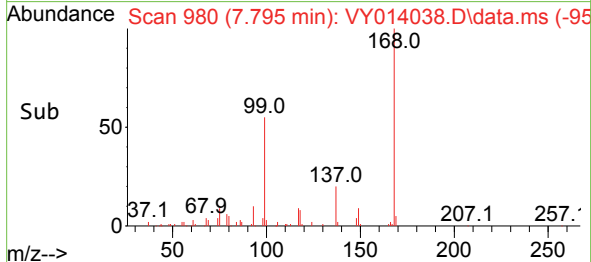
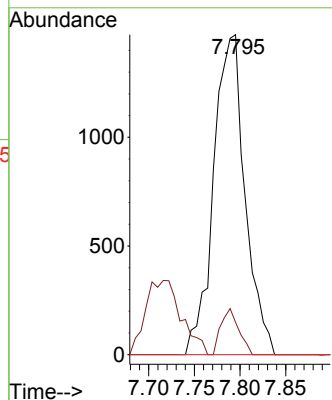
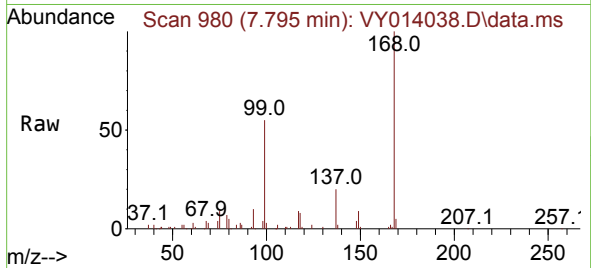




#36
 1,1-Dichloropropene
 Concen: 5.651 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY014038.D
 Acq: 06 Jun 2023 18:09

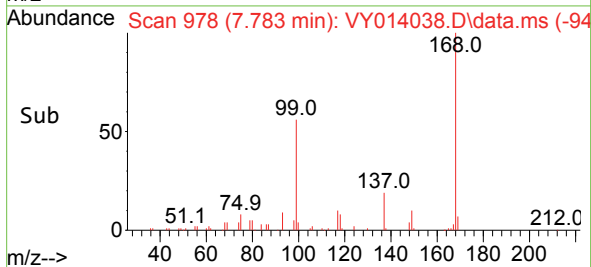
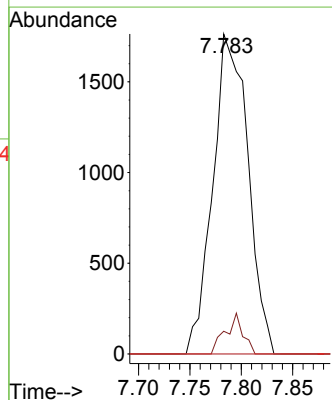
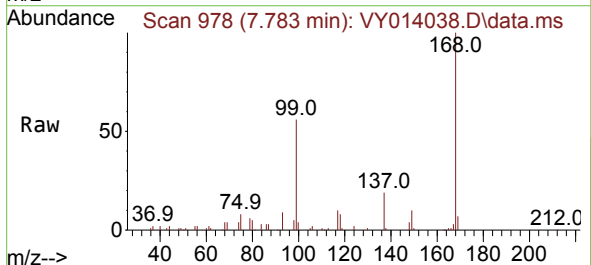
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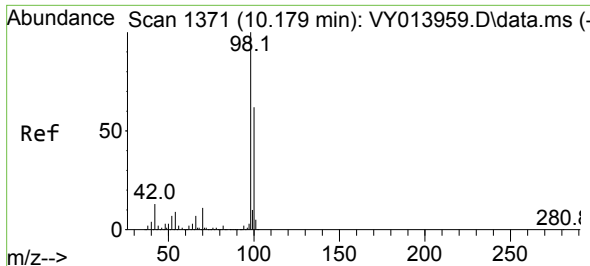
Tgt Ion: 75 Resp: 3524
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.000 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY014038.D
 Acq: 06 Jun 2023 18:09

Tgt Ion: 117 Resp: 4193
 Ion Ratio Lower Upper
 117 100
 119 7.1 76.4 114.6#
 121 0.0 25.8 38.6#

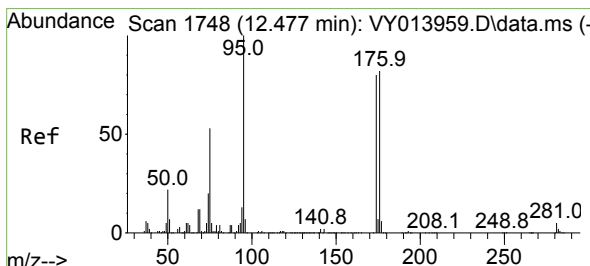
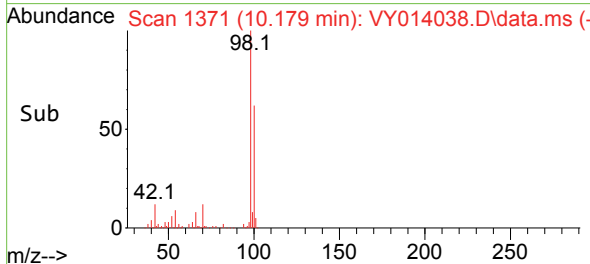
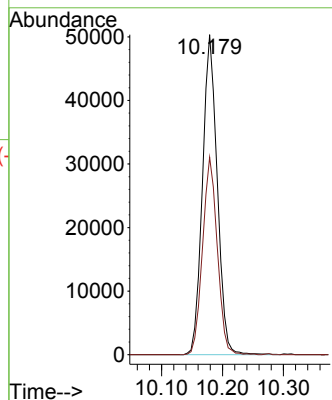
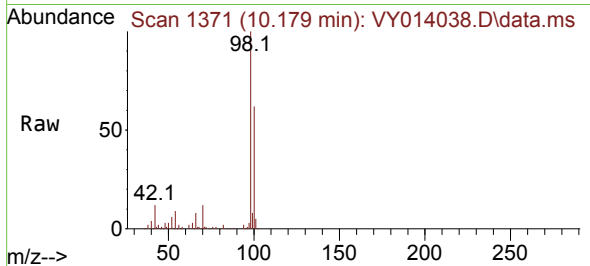




#50
Toluene-d8
Concen: 50.790 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

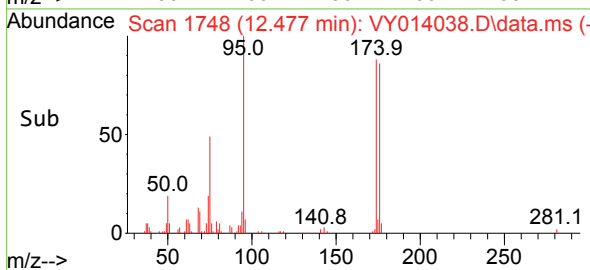
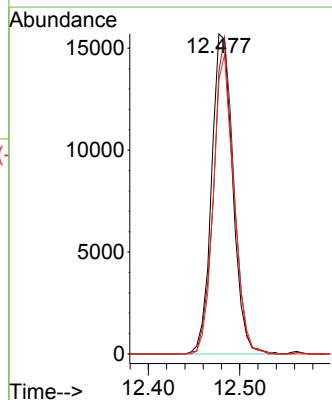
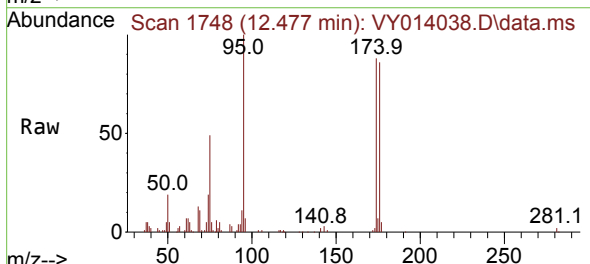
Instrument :
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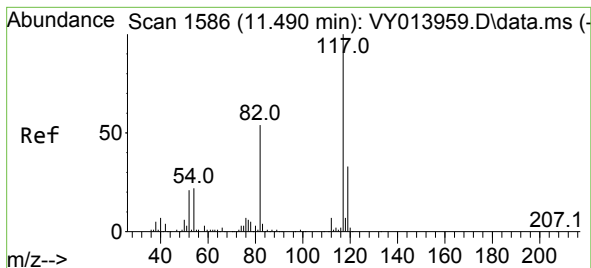
Tgt Ion: 98 Resp: 84806
Ion Ratio Lower Upper
98 100
100 61.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion: 95 Resp: 25134
Ion Ratio Lower Upper
95 100
174 95.5 0.0 178.2
176 90.5 0.0 173.8

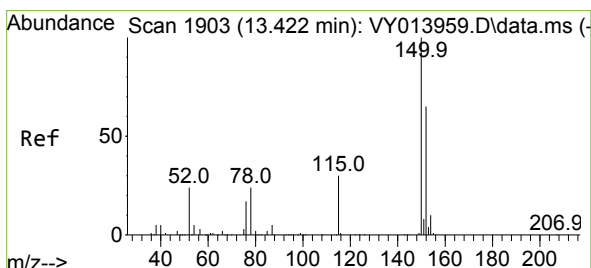
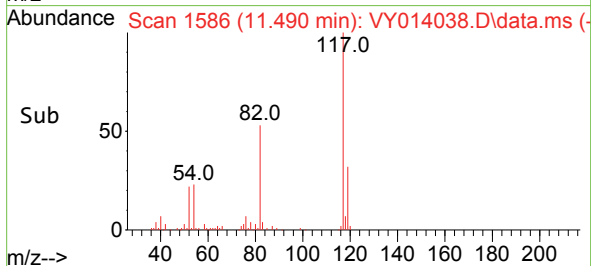
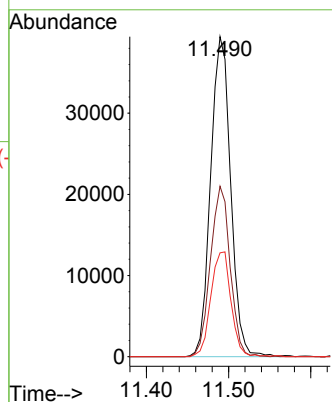
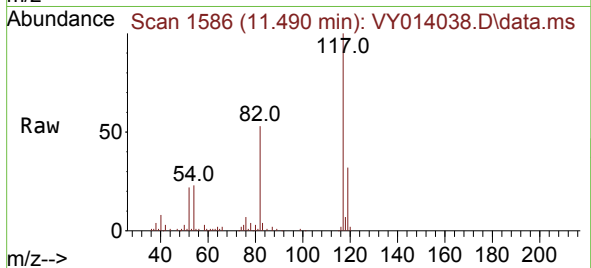




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

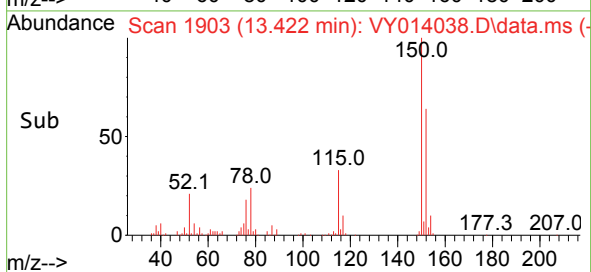
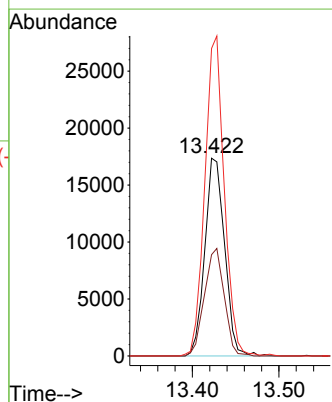
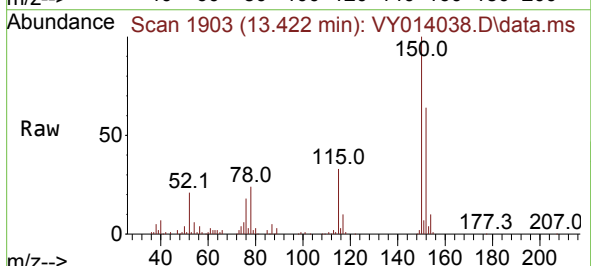
Instrument :
MSVOA_Y
ClientSampleId :
SB31BRE

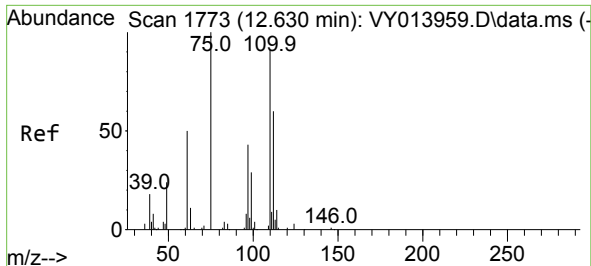
Tgt Ion:117 Resp: 66697
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion:152 Resp: 27633
Ion Ratio Lower Upper
152 100
115 54.3 28.8 86.5
150 158.3 0.0 348.8

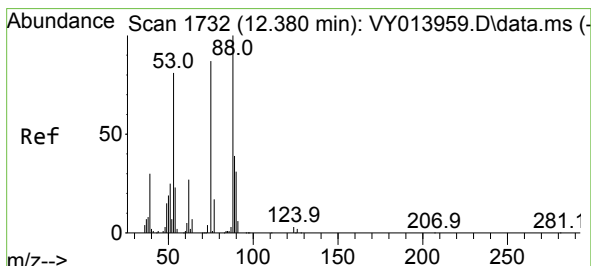
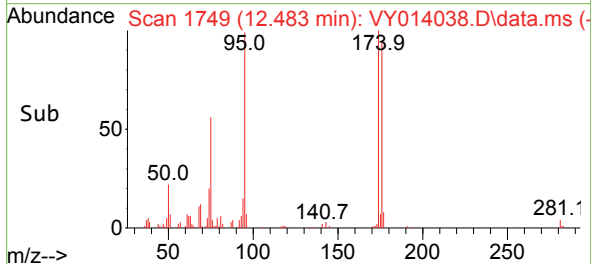
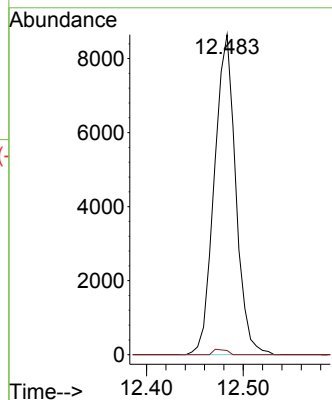
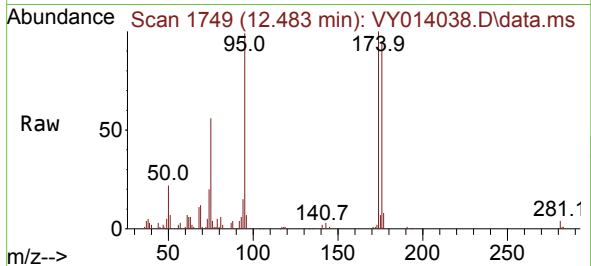




#76
1,2,3-Trichloropropane
Concen: 35.761 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

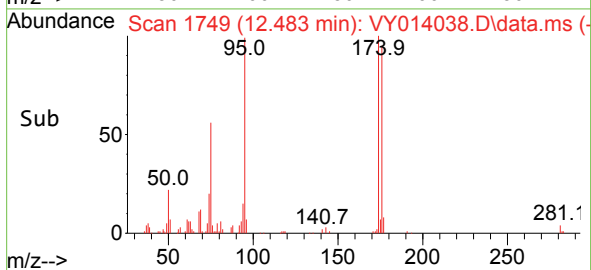
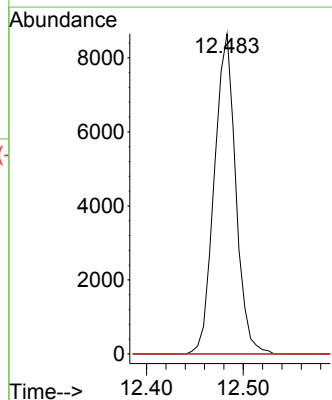
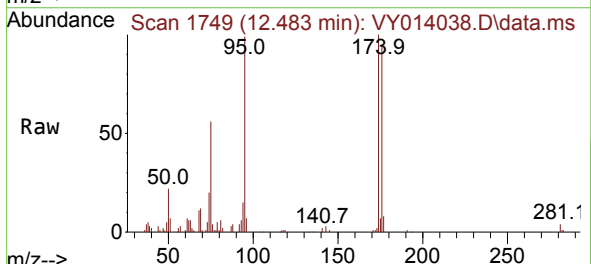
Instrument :
MSVOA_Y
ClientSampleId :
SB31BRE

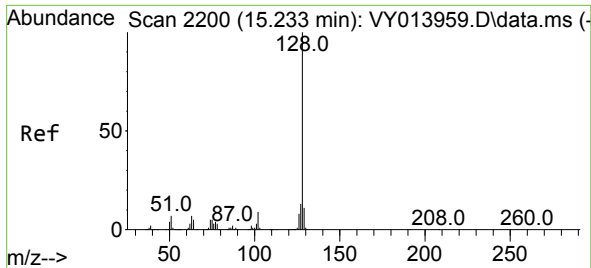
Tgt Ion: 75 Resp: 13298
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Tgt Ion: 75 Resp: 13298
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 3.908 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY014038.D
Acq: 06 Jun 2023 18:09

Instrument :
MSVOA_Y
ClientSampleId :
SB31BRE

Tgt Ion:128 Resp: 38
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

