

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014838.D
 Acq On : 26 Jul 2023 06:16
 Operator : SY/MD
 Sample : 03741-19
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29B

Quant Time: Jul 26 07:42:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

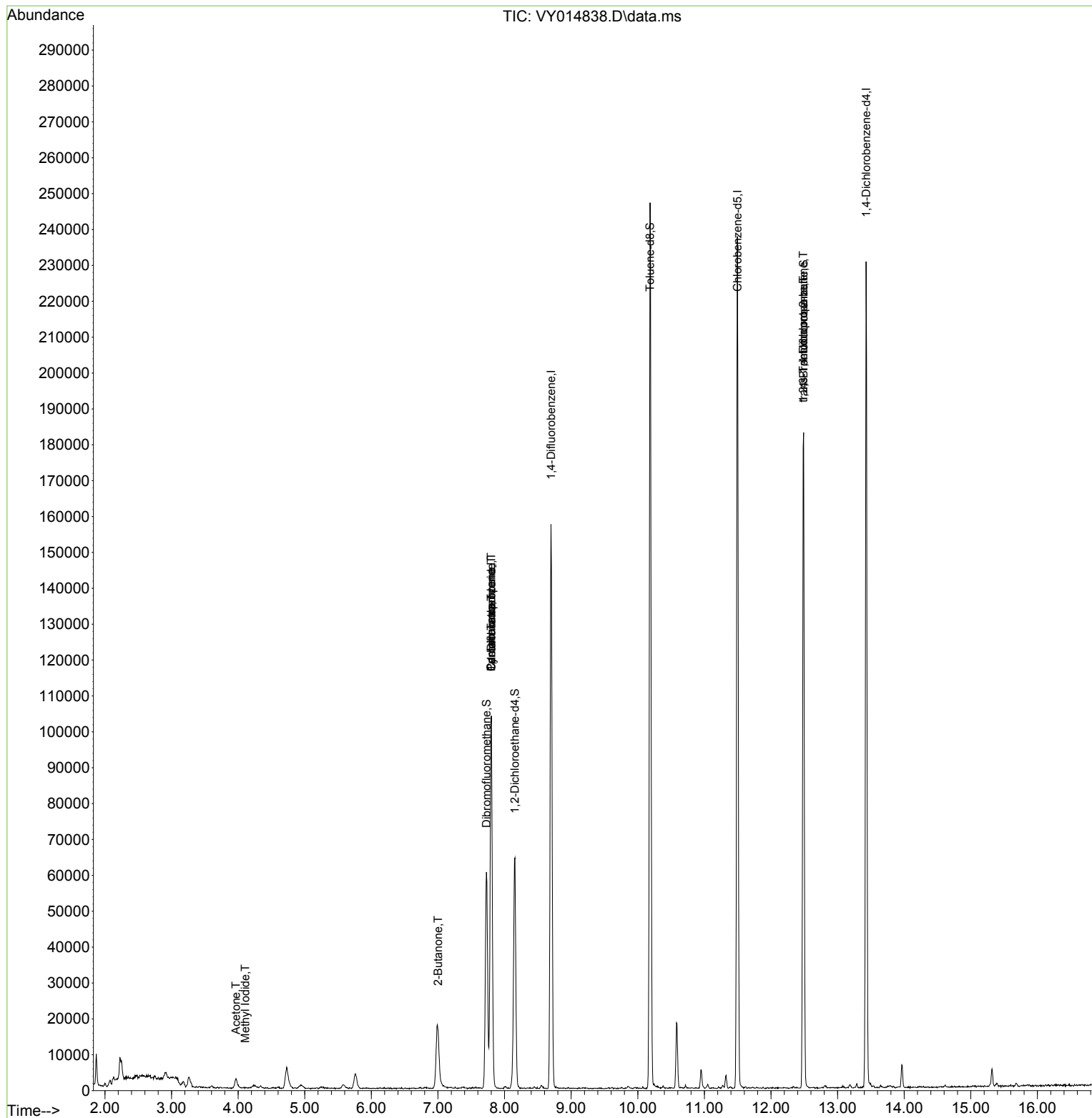
Internal Standards						
1) Pentafluorobenzene	7.801	168	80291	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	135962	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	127189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	50300	54.976	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.960%	
35) Dibromofluoromethane	7.728	113	43133	49.836	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.680%	
50) Toluene-d8	10.185	98	162678	50.982	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	12.489	95	56668	46.316	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.640%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	60	2.433	ug/l #	38
11) Tert butyl alcohol	4.948	59	979	Below Cal	#	89
16) Acetone	3.967	43	4647	16.028	ug/l	97
25) 2-Butanone	7.003	43	2402	5.663	ug/l	95
31) Cyclohexane	7.801	56	1733	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6662	5.147	ug/l #	50
38) Carbon Tetrachloride	7.801	117	8271	6.045	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	30467	41.665	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30467	80.671	ug/l #	10

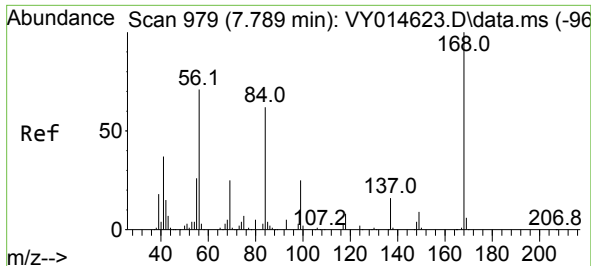
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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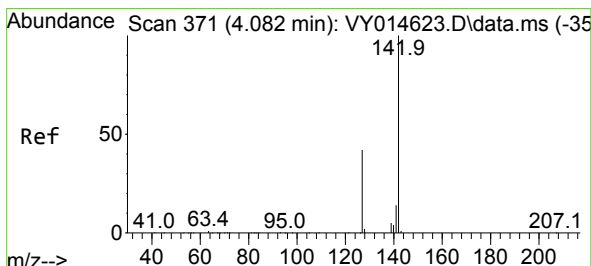
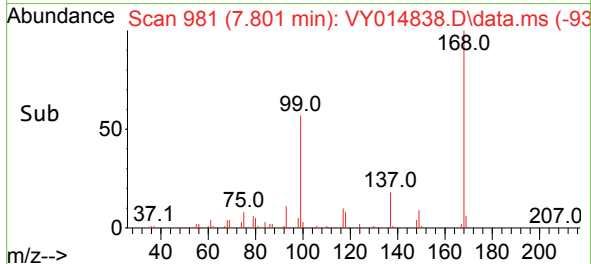
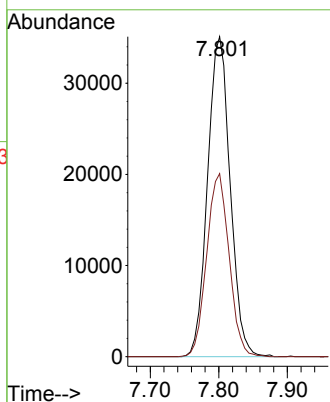
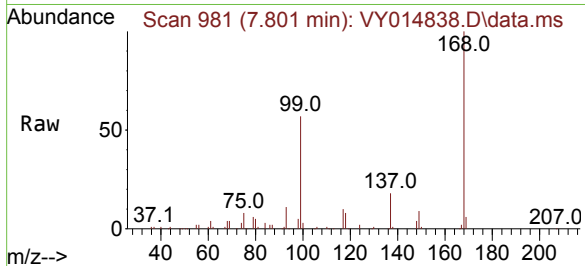




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

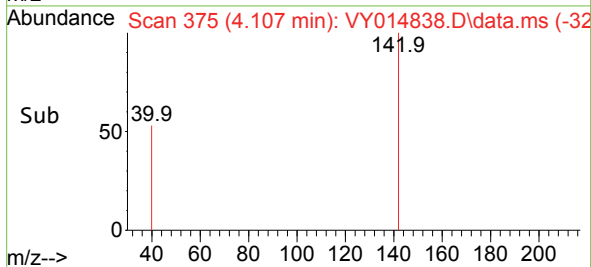
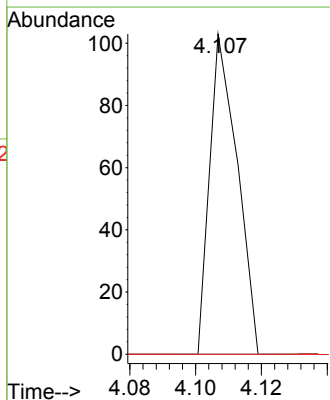
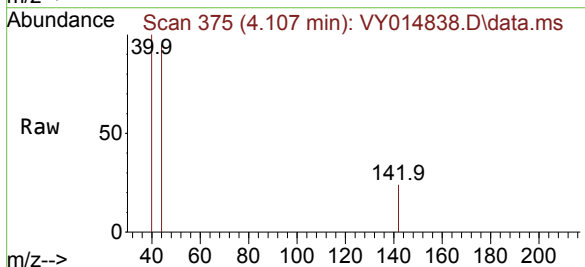
Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

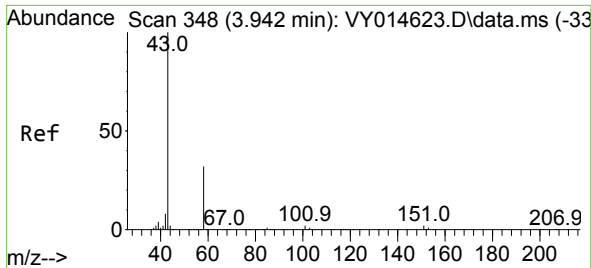
Tgt Ion:168 Resp: 80291
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#10
Methyl Iodide
Concen: 2.433 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion:142 Resp: 60
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

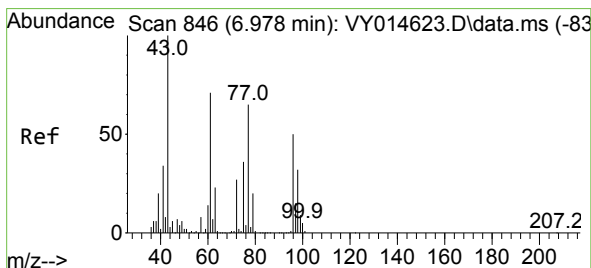
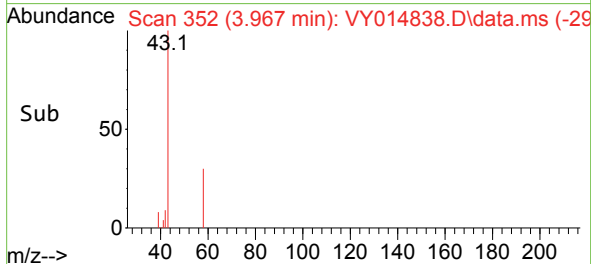
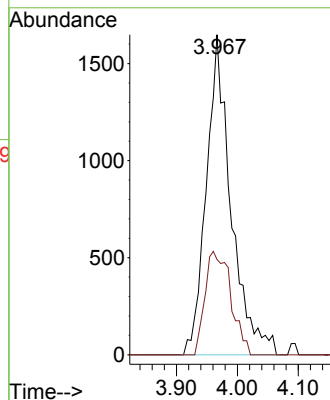
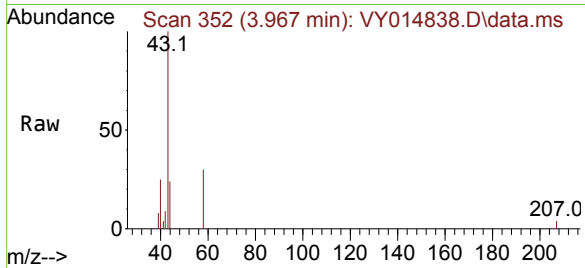




#16
Acetone
Concen: 16.028 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

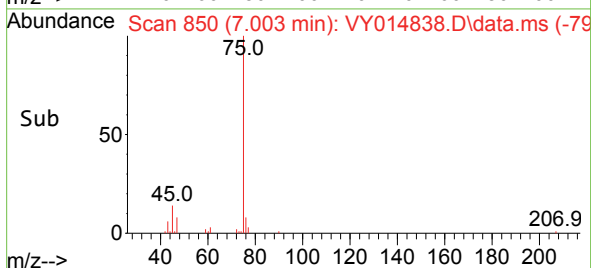
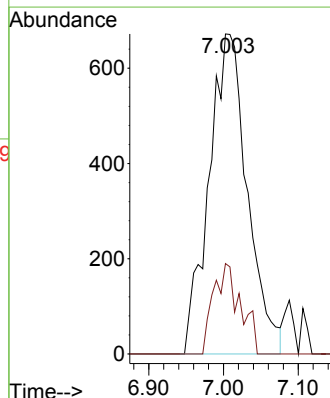
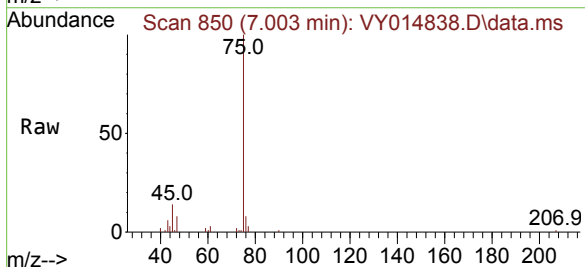
Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

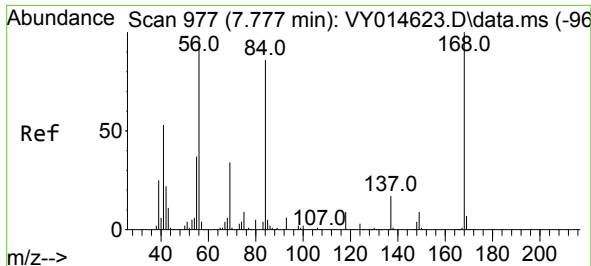
Tgt Ion: 43 Resp: 4647
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1



#25
2-Butanone
Concen: 5.663 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.025 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 43 Resp: 2402
Ion Ratio Lower Upper
43 100
72 28.3 20.5 30.7

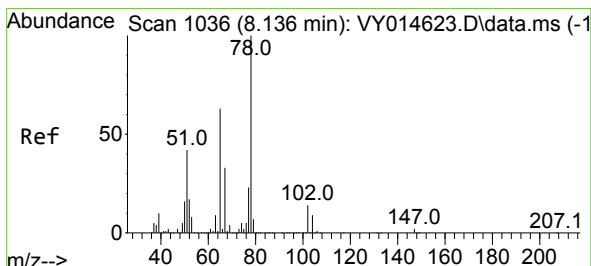
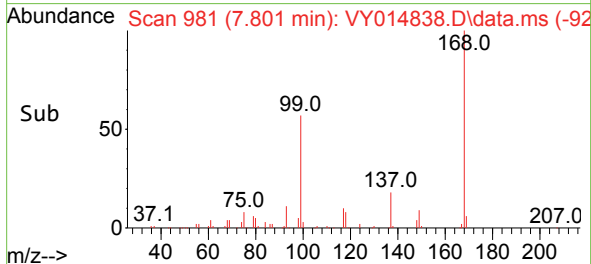
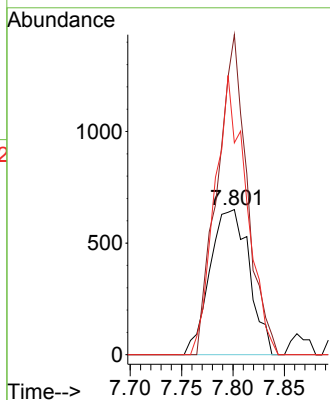
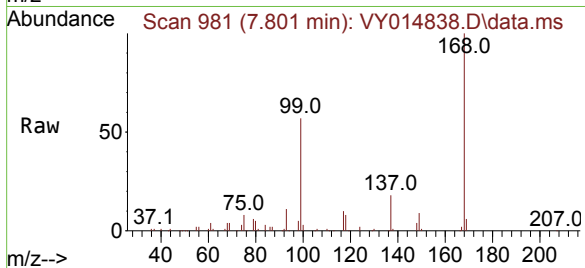




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

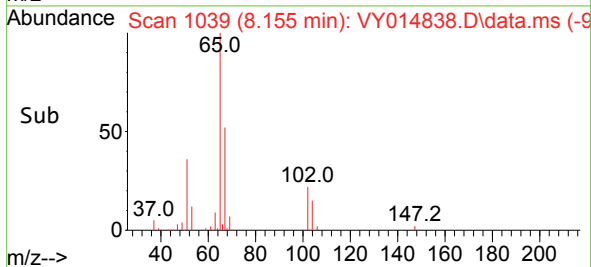
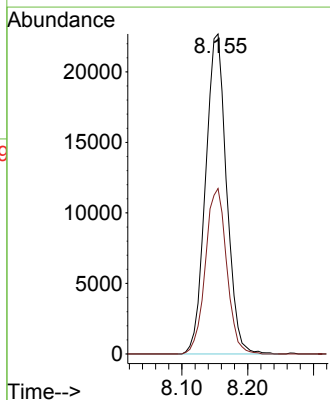
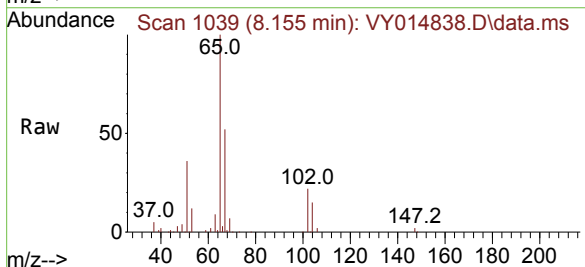
Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

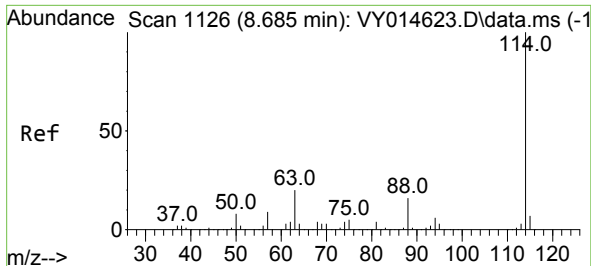
Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
69 220.6 27.8 41.6#
84 146.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 54.976 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.019 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 65 Resp: 50300
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY014838.D

Acq: 26 Jul 2023 06:16

Instrument :

MSVOA_Y

ClientSampleId :

B-P29B

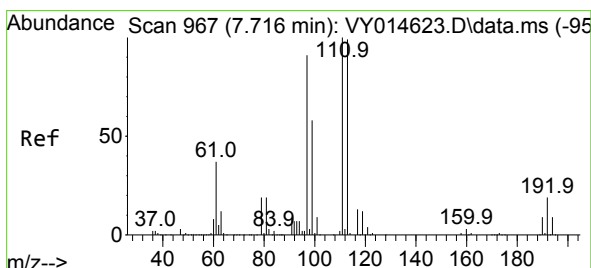
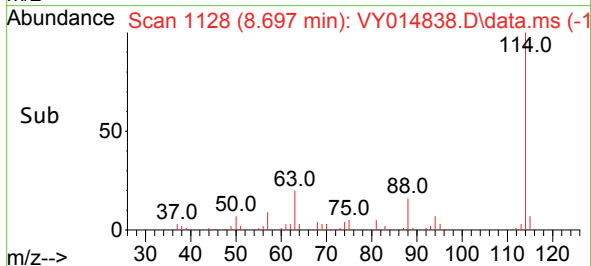
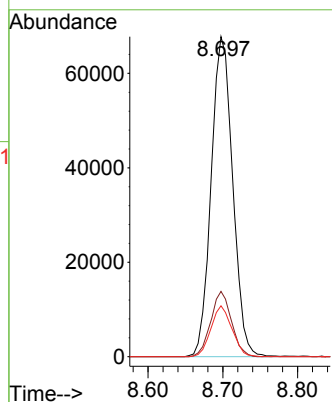
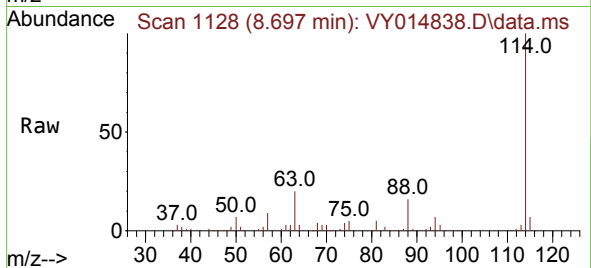
Tgt Ion:114 Resp: 135962

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.836 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014838.D

Acq: 26 Jul 2023 06:16

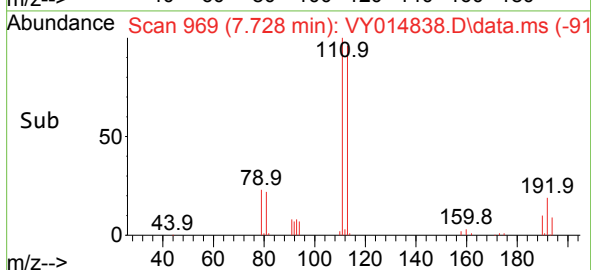
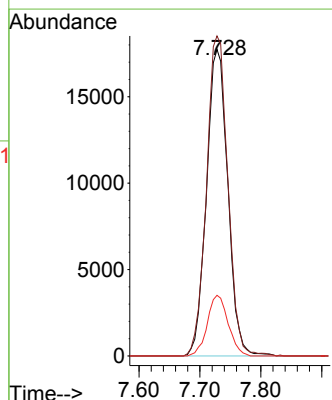
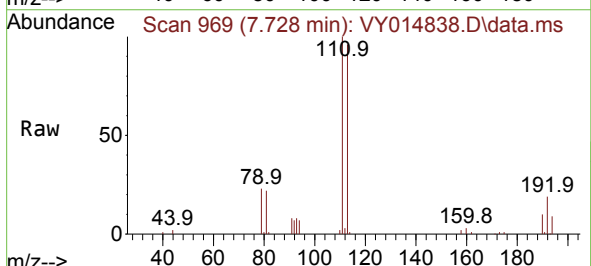
Tgt Ion:113 Resp: 43133

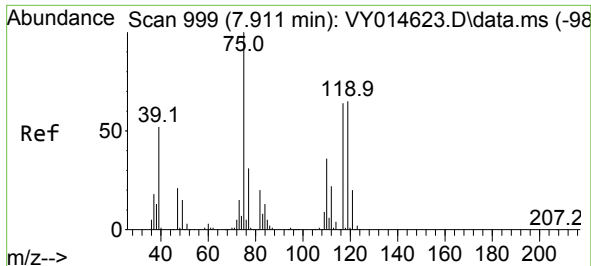
Ion Ratio Lower Upper

113 100

111 104.7 81.3 121.9

192 19.4 16.9 25.3

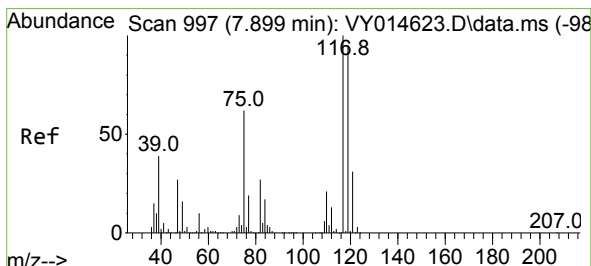
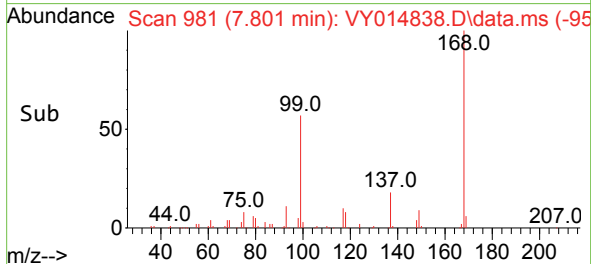
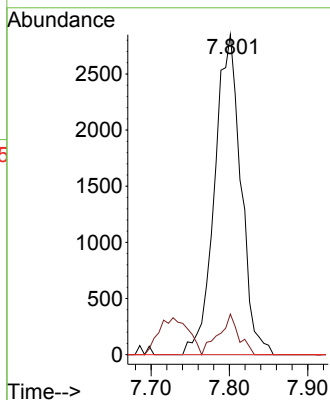
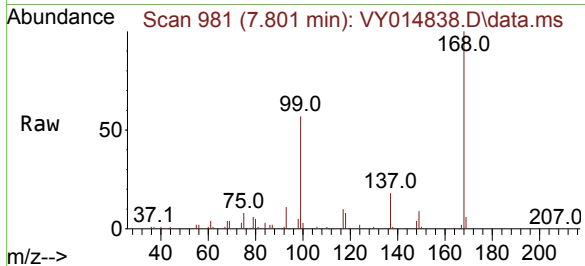




#36
1,1-Dichloropropene
Concen: 5.147 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

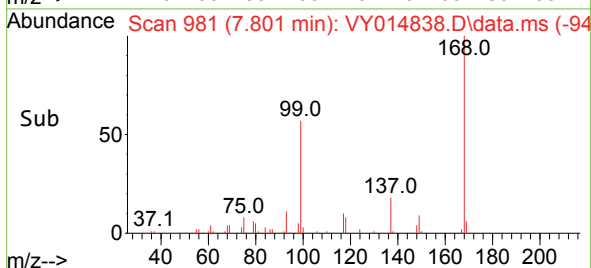
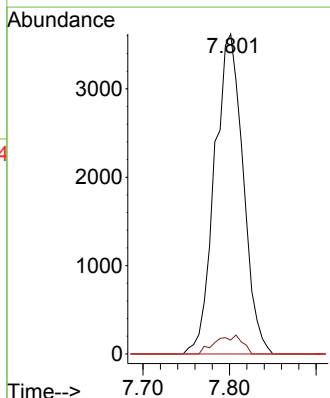
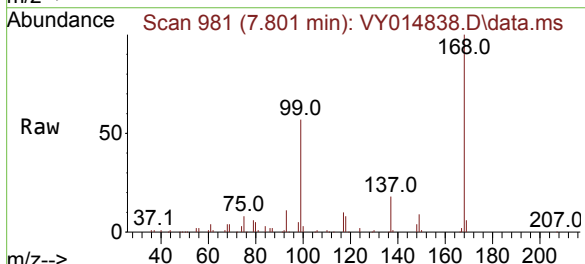
Instrument :
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ClientSampleId :
B-P29B

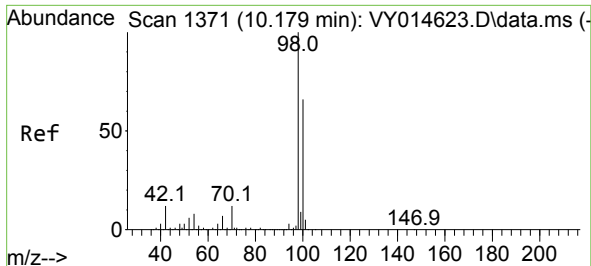
Tgt Ion: 75 Resp: 6662
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.045 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.098 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 117 Resp: 8271
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#

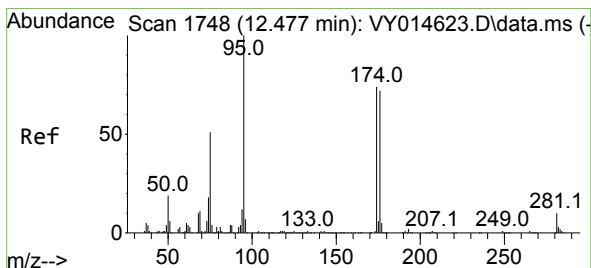
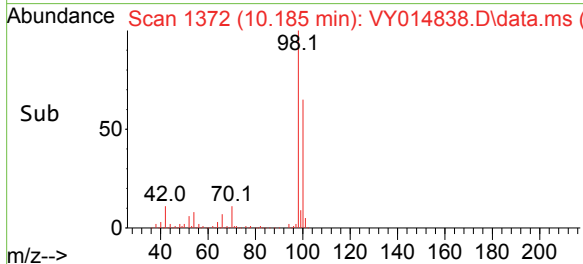
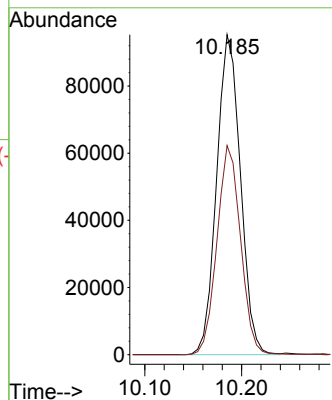
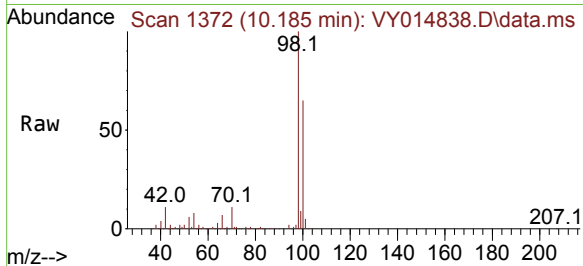




#50
Toluene-d8
Concen: 50.982 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

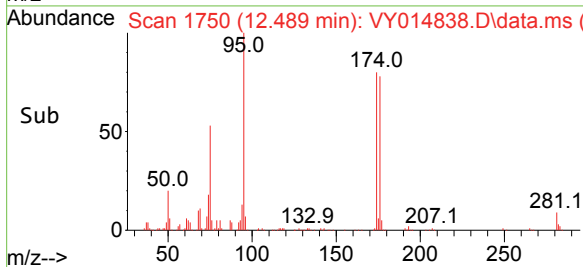
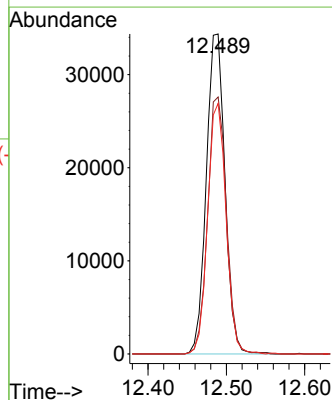
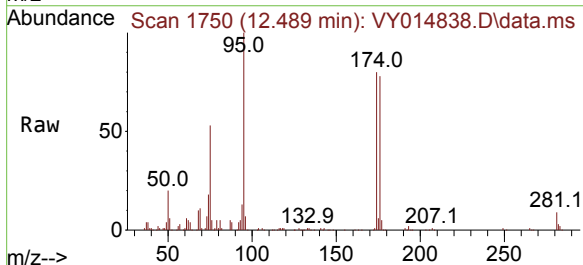
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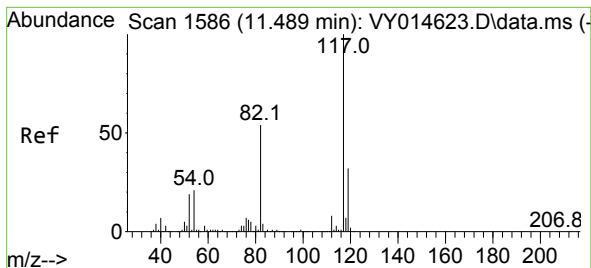
Tgt Ion: 98 Resp: 162678
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.316 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 95 Resp: 56668
Ion Ratio Lower Upper
95 100
174 81.1 0.0 178.2
176 77.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014838.D

Acq: 26 Jul 2023 06:16

Instrument :

MSVOA_Y

ClientSampleId :

B-P29B

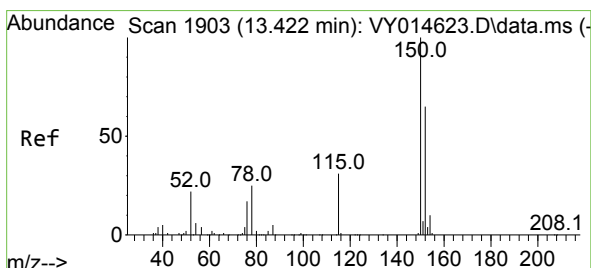
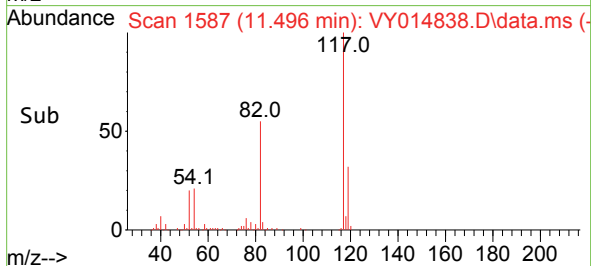
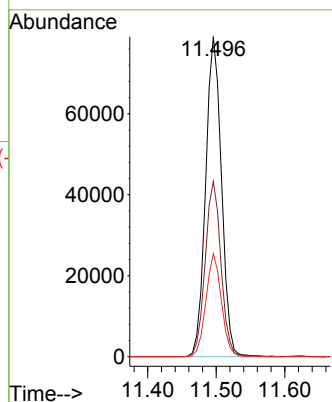
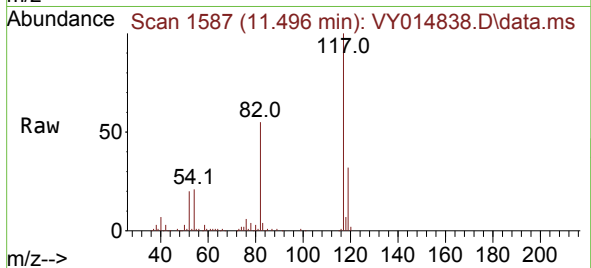
Tgt Ion:117 Resp: 127189

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014838.D

Acq: 26 Jul 2023 06:16

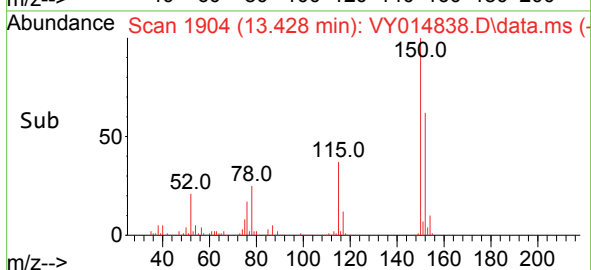
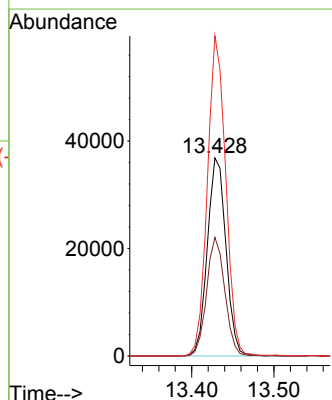
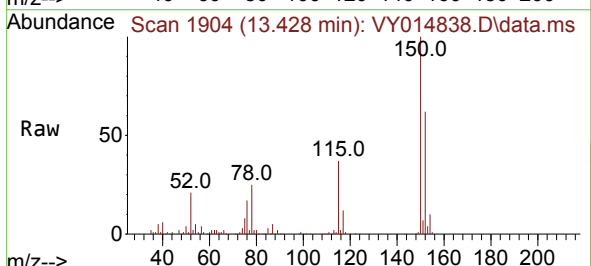
Tgt Ion:152 Resp: 57898

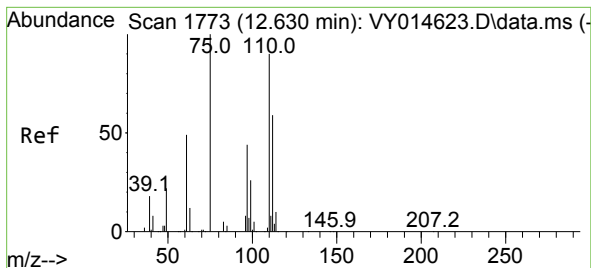
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 159.1 0.0 348.8

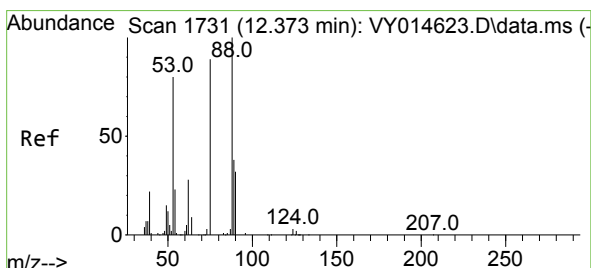
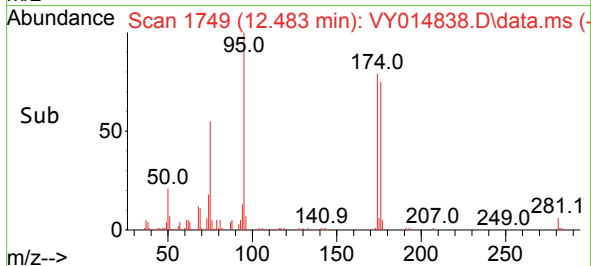
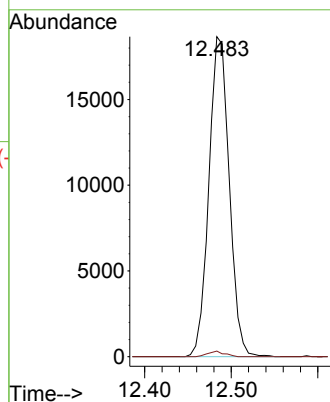
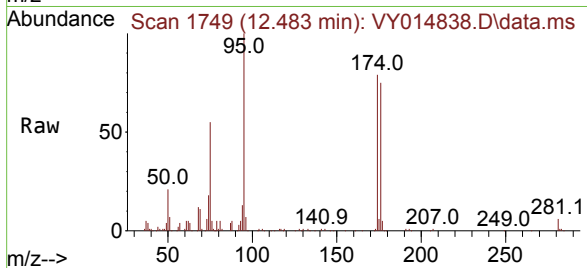




#76
1,2,3-Trichloropropane
Concen: 41.665 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Instrument :
MSVOA_Y
ClientSampleId :
B-P29B

Tgt Ion: 75 Resp: 30467
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.671 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY014838.D
Acq: 26 Jul 2023 06:16

Tgt Ion: 75 Resp: 30467
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

