

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014837.D
 Acq On : 26 Jul 2023 05:53
 Operator : SY/MD
 Sample : 03741-18
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29A

Quant Time: Jul 26 07:41:50 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)

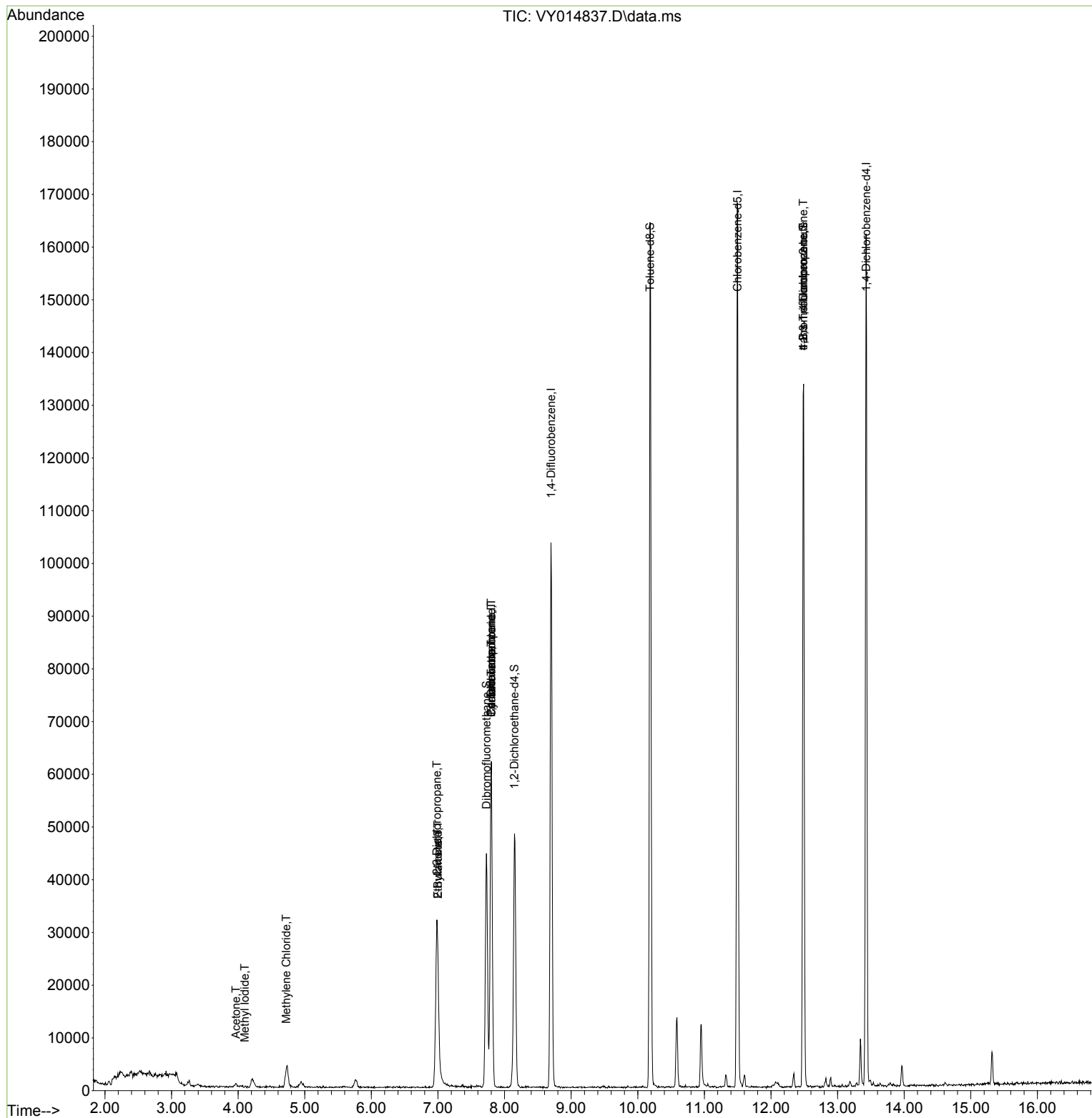
Internal Standards						
1) Pentafluorobenzene	7.801	168	47626	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	89240	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	89951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37929	69.887	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.780%			
35) Dibromofluoromethane	7.728	113	31306	55.108	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.220%			
50) Toluene-d8	10.185	98	108655	51.879	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.760%			
62) 4-Bromofluorobenzene	12.483	95	41402	51.555	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.100%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	61	2.479	ug/l #	38
11) Tert butyl alcohol	4.948	59	1266	Below Cal	#	89
16) Acetone	3.967	43	1296	7.536	ug/l	94
20) Methylene Chloride	4.723	84	3242	1.726	ug/l #	72
25) 2-Butanone	6.997	43	1933	7.683	ug/l #	76
26) 2,2-Dichloropropane	6.984	77	2476	2.682	ug/l #	54
31) Cyclohexane	7.801	56	1148	1.274	ug/l #	15
36) 1,1-Dichloropropene	7.801	75	4118	4.847	ug/l #	49
37) Ethyl Acetate	6.997	43	1933	3.305	ug/l #	1
38) Carbon Tetrachloride	7.801	117	4693	5.226	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	21974	42.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21974	82.077	ug/l #	10

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

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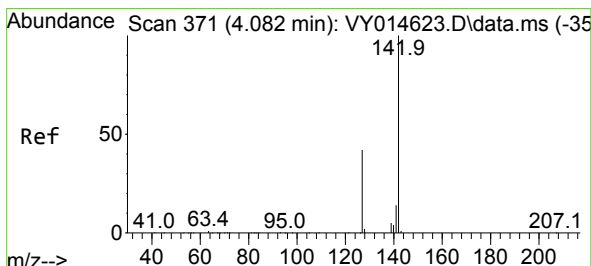
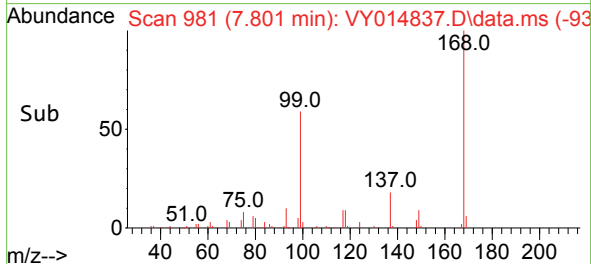
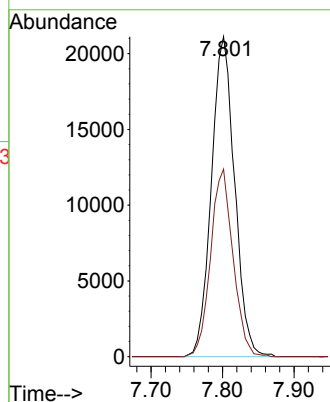
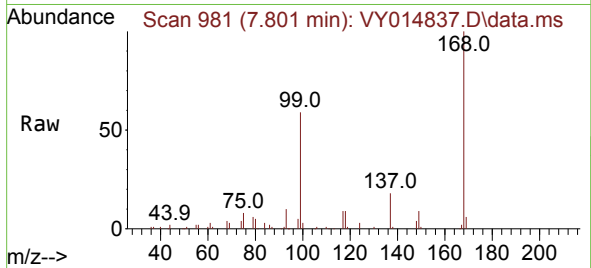




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

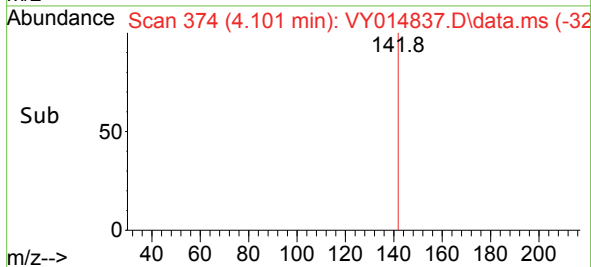
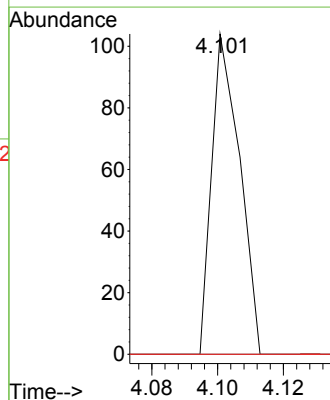
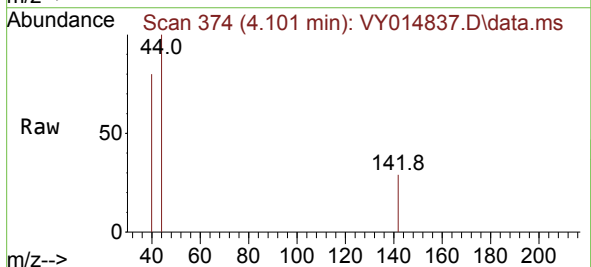
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

Tgt Ion:168 Resp: 47626
Ion Ratio Lower Upper
168 100
99 58.6 43.4 65.0



#10
Methyl Iodide
Concen: 2.479 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

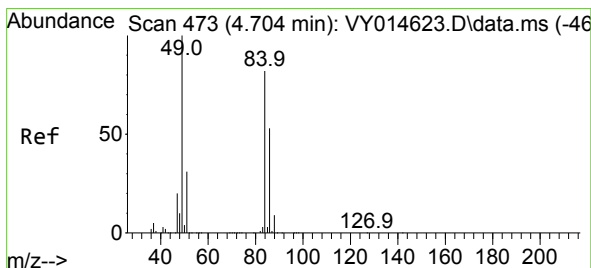
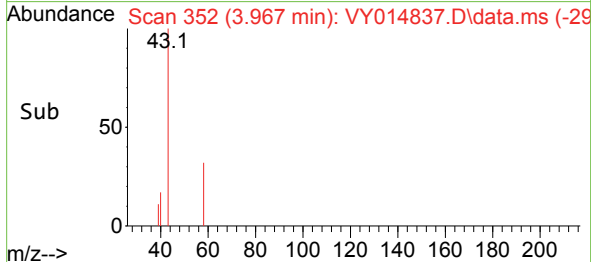
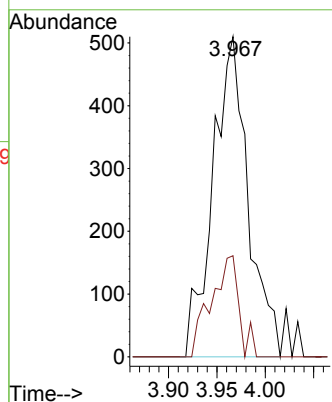
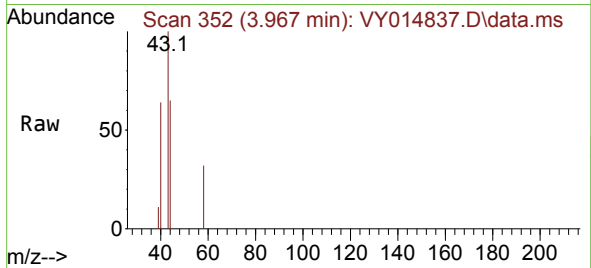




#16
Acetone
Concen: 7.536 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

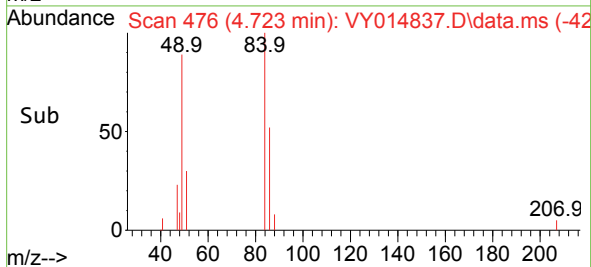
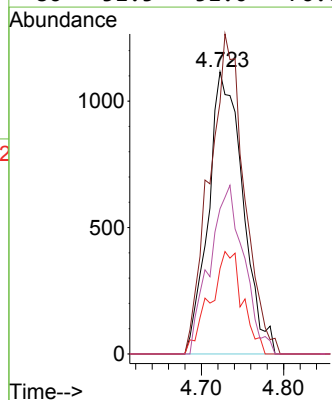
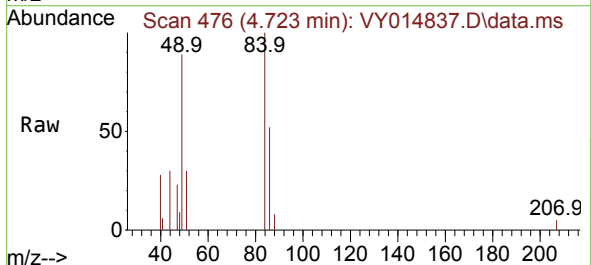
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1



#20
Methylene Chloride
Concen: 1.726 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.019 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 84 Resp: 3242
Ion Ratio Lower Upper
84 100
49 89.2 106.9 160.3#
51 30.3 33.2 49.8#
86 51.5 51.0 76.6

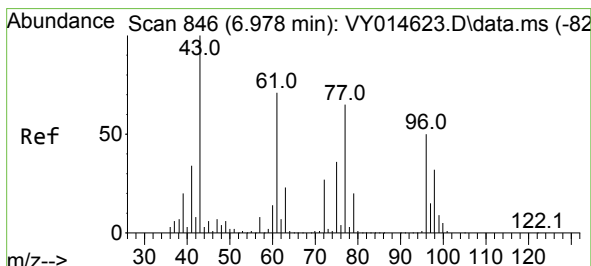
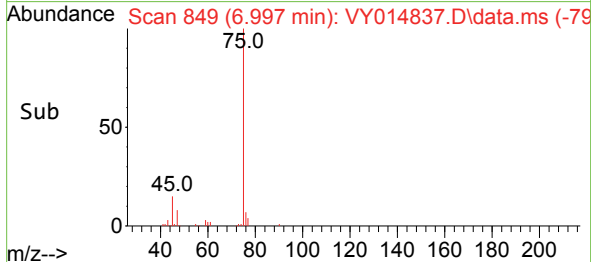
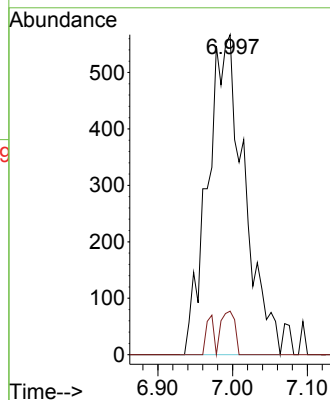
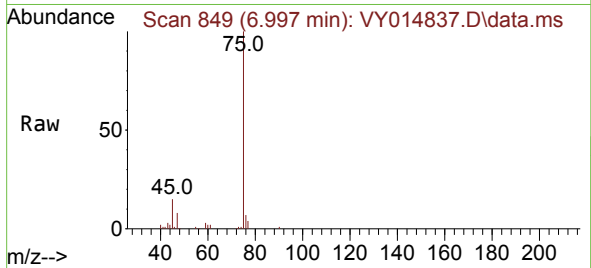




#25
2-Butanone
Concen: 7.683 ug/l
RT: 6.997 min Scan# 846
Delta R.T. 0.019 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

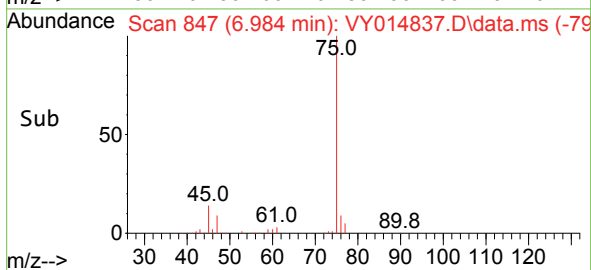
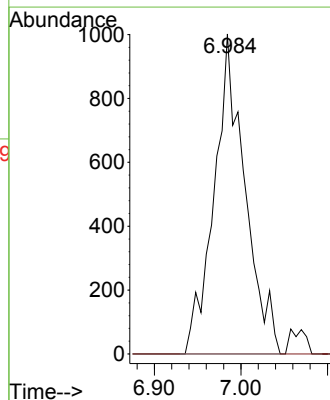
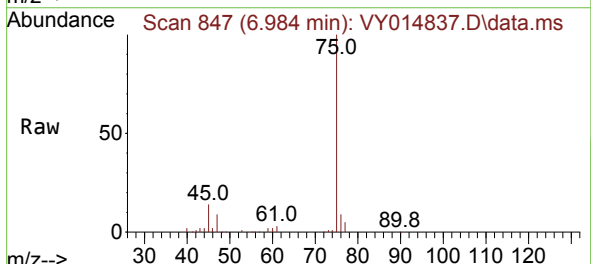
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

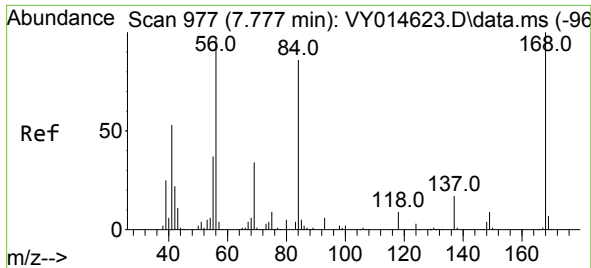
Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
72 13.6 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.682 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 77 Resp: 2476
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

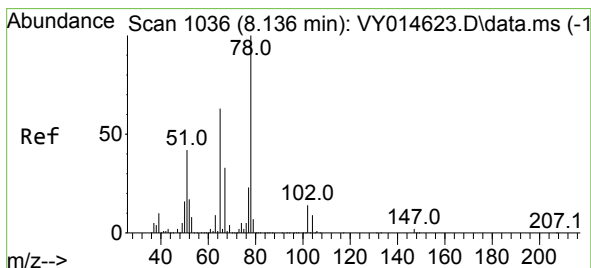
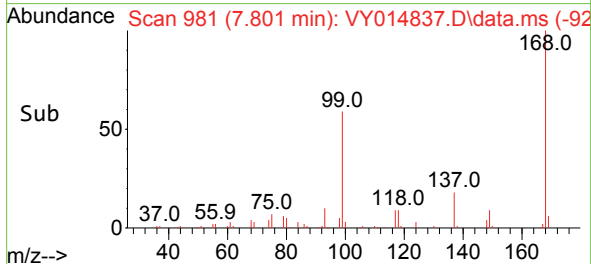
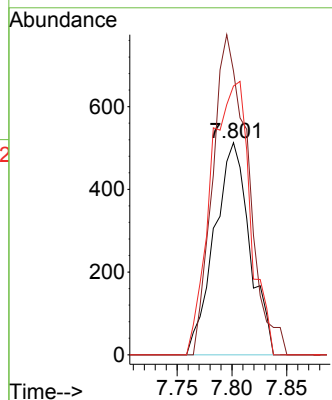
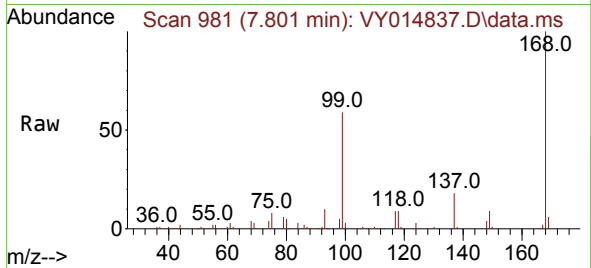




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

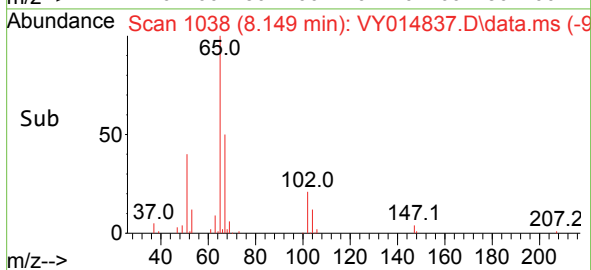
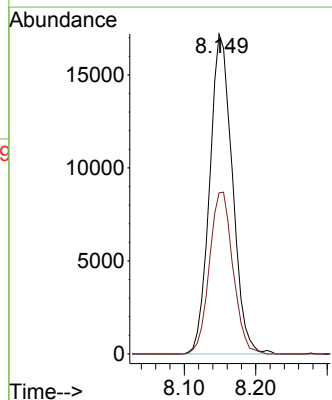
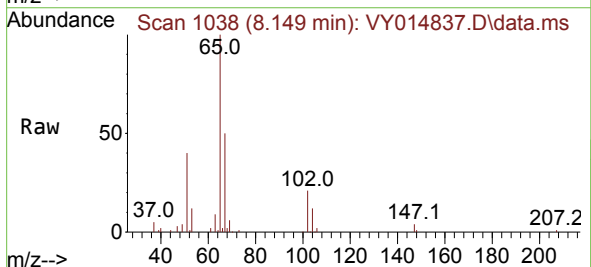
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

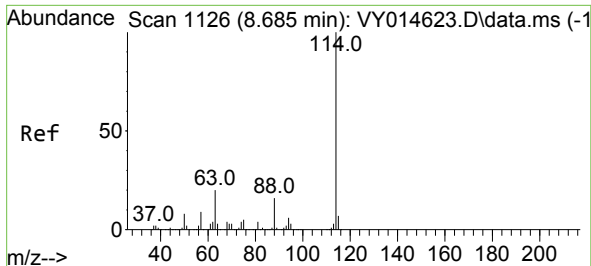
Tgt Ion: 56 Resp: 1148
Ion Ratio Lower Upper
56 100
69 133.7 27.8 41.6#
84 126.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 69.887 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 65 Resp: 37929
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

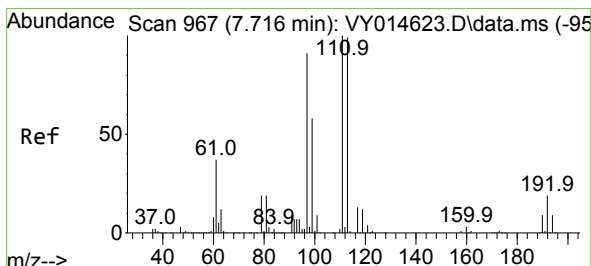
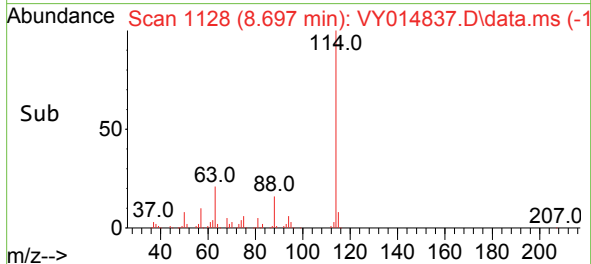
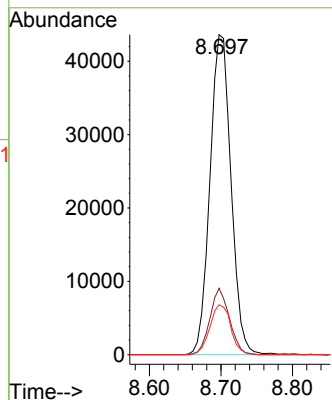
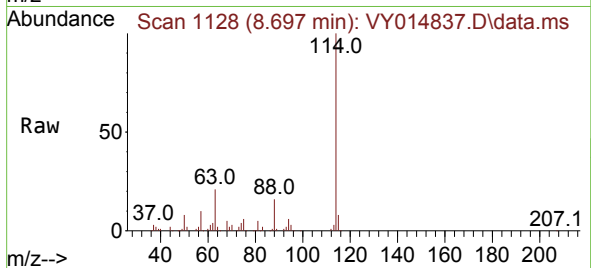




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

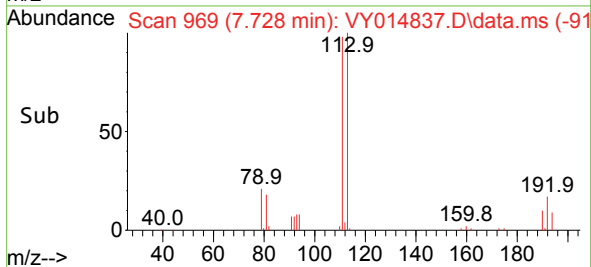
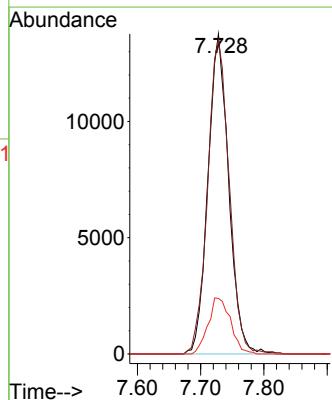
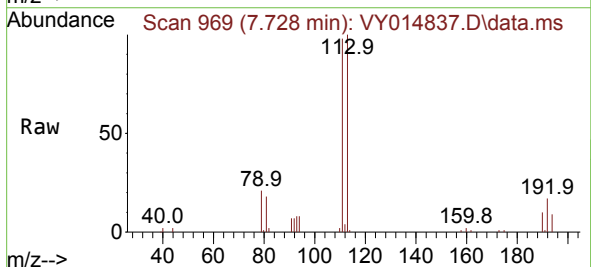
Instrument :
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B-P29A

Tgt Ion:114 Resp: 89240
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.108 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion:113 Resp: 31306
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.0 16.9 25.3

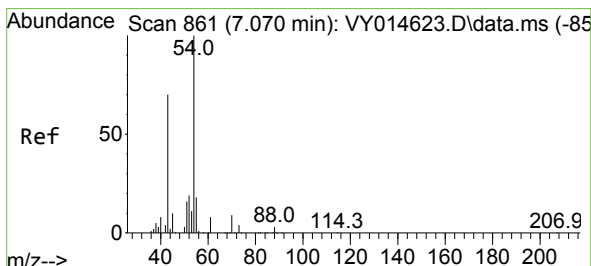
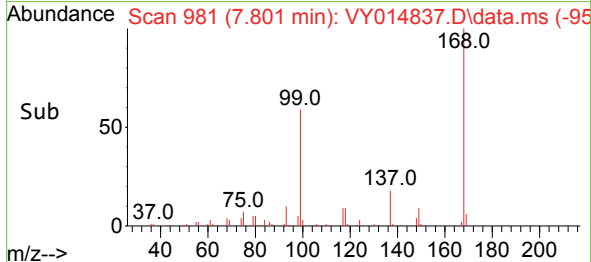
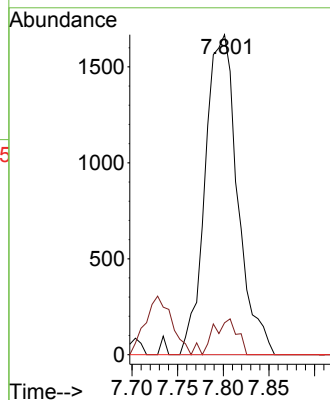
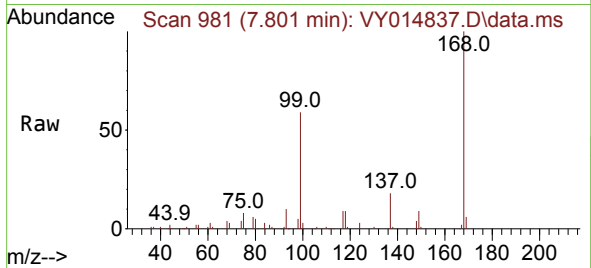




#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 7.801 min Scan# 911
Delta R.T. -0.110 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

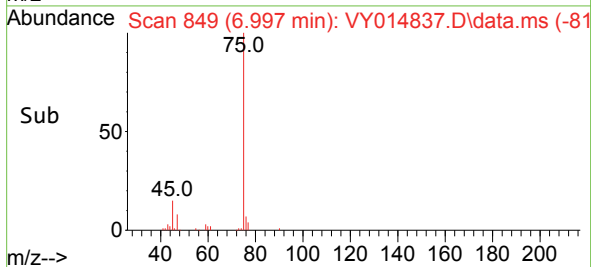
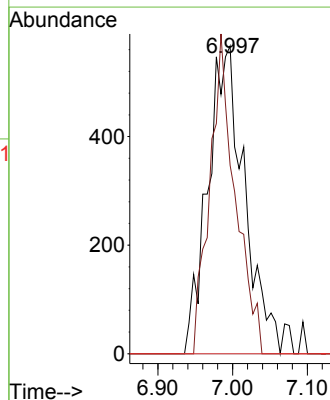
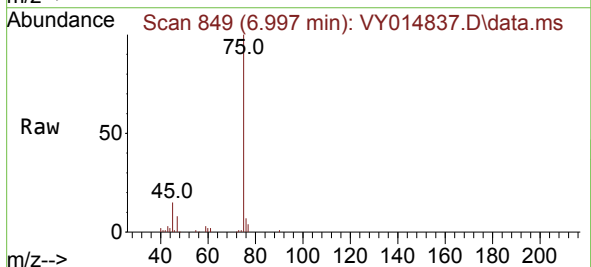
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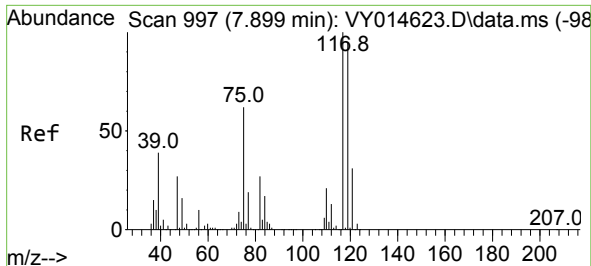
Tgt Ion: 75 Resp: 4118
Ion Ratio Lower Upper
75 100
110 8.5 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.305 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.073 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
61 72.1 10.1 15.1#
70 0.0 7.1 10.7#

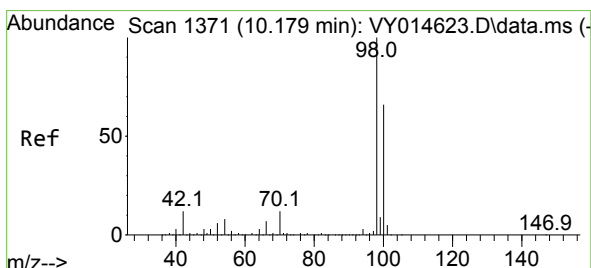
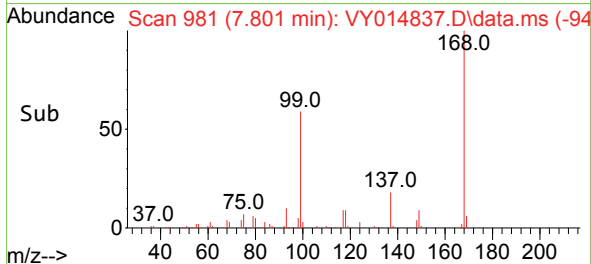
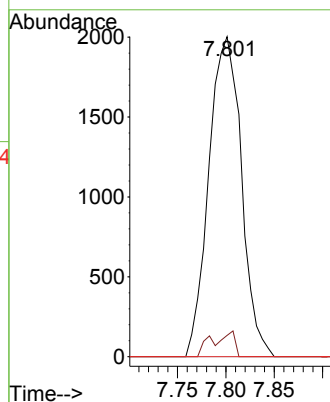
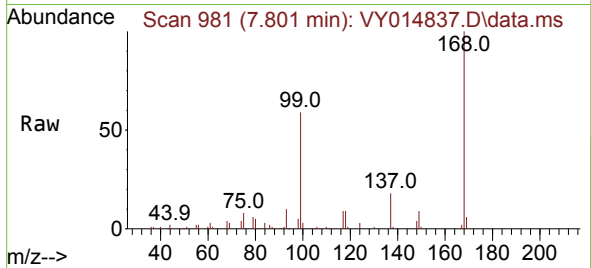




#38
Carbon Tetrachloride
Concen: 5.226 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

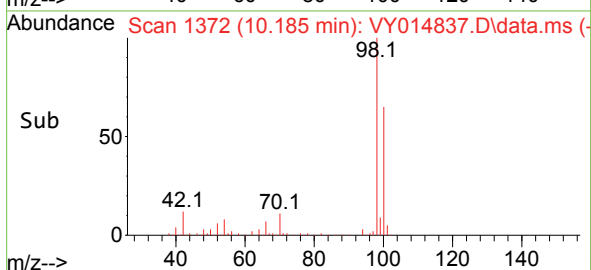
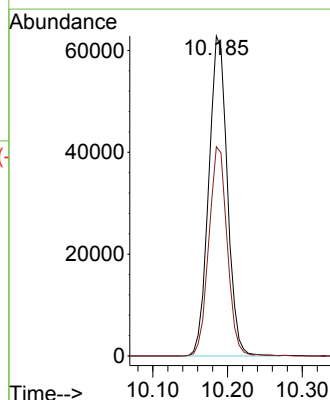
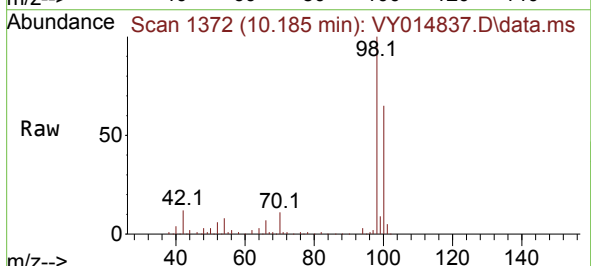
Instrument :
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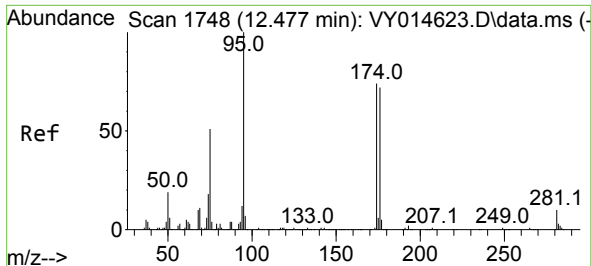
Tgt Ion:117 Resp: 4693
Ion Ratio Lower Upper
117 100
119 6.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.879 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 98 Resp: 108655
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

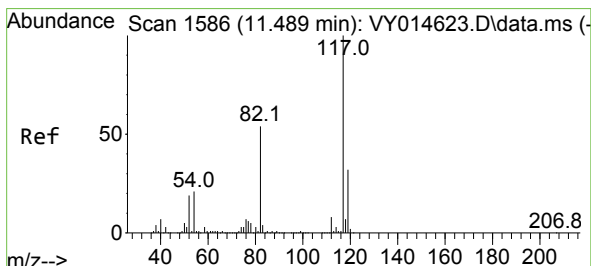
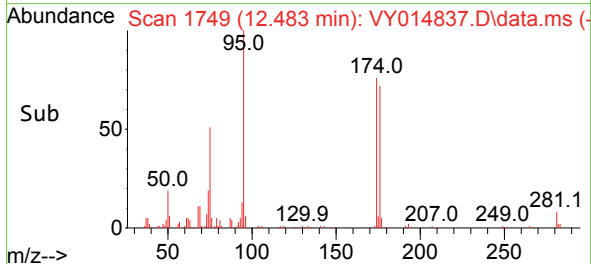
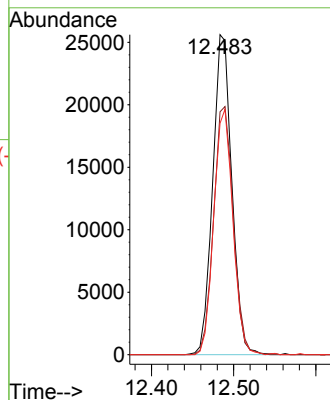
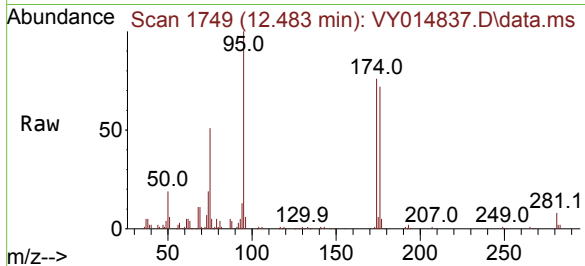




#62
4-Bromofluorobenzene
Concen: 51.555 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

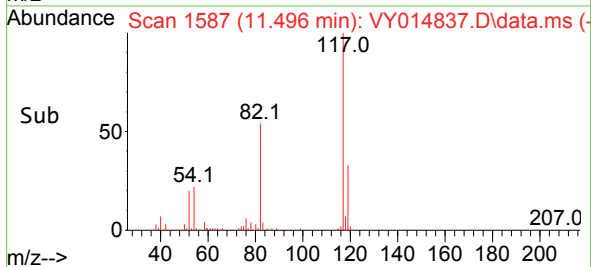
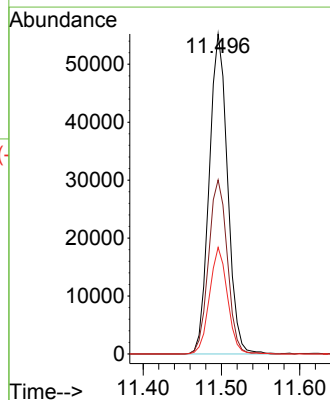
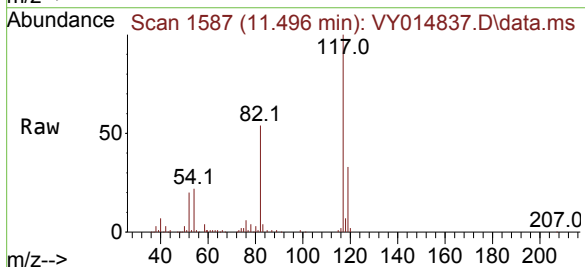
Instrument :
MSVOA_Y
ClientSampleId :
B-P29A

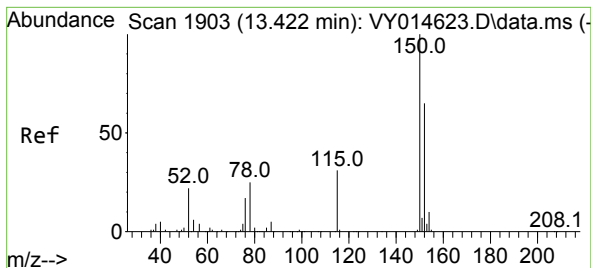
Tgt Ion: 95 Resp: 41402
Ion Ratio Lower Upper
95 100
174 80.0 0.0 178.2
176 76.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014837.D
Acq: 26 Jul 2023 05:53

Tgt Ion: 117 Resp: 89951
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 33.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014837.D

Acq: 26 Jul 2023 05:53

Instrument :

MSVOA_Y

ClientSampleId :

B-P29A

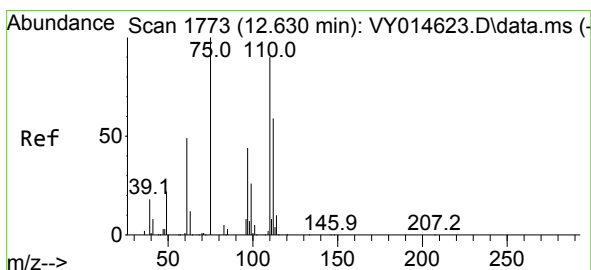
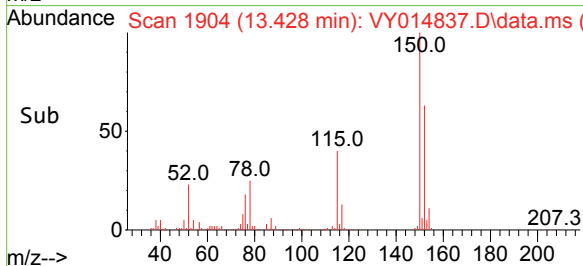
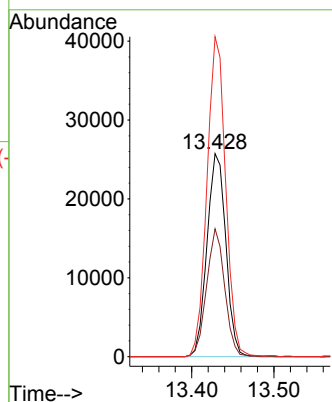
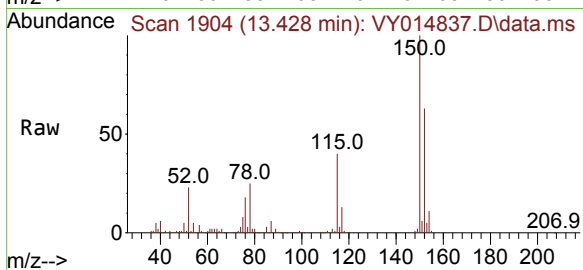
Tgt Ion:152 Resp: 41043

Ion Ratio Lower Upper

152 100

115 60.3 28.8 86.5

150 155.4 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 42.391 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY014837.D

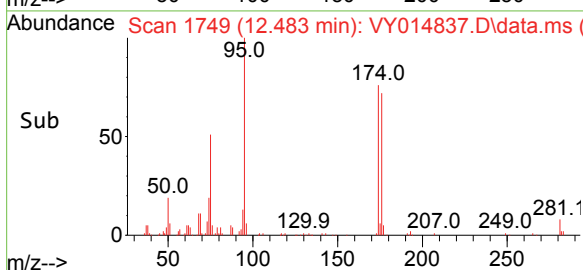
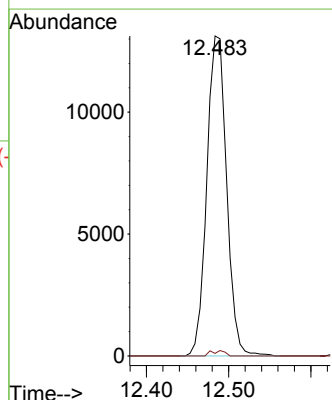
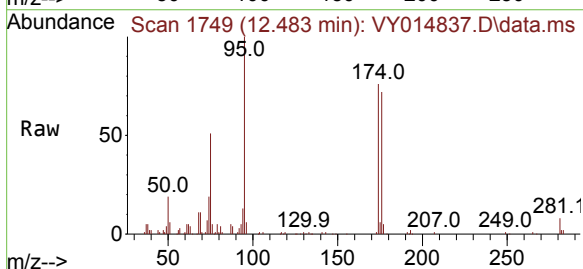
Acq: 26 Jul 2023 05:53

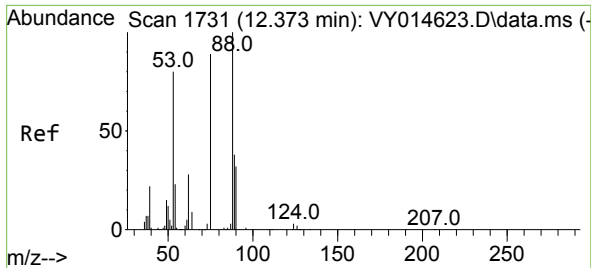
Tgt Ion: 75 Resp: 21974

Ion Ratio Lower Upper

75 100

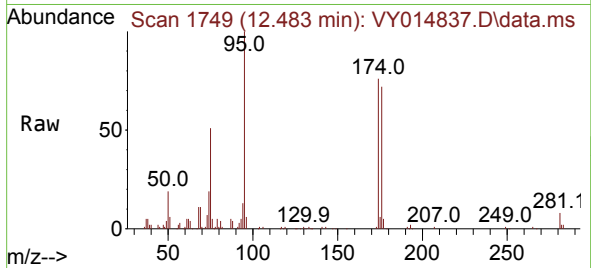
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.077 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY014837.D
 Acq: 26 Jul 2023 05:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29A



Tgt Ion: 75 Resp: 21974
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

