

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017723.D
 Acq On : 20 Mar 2024 11:39
 Operator : SY/MD
 Sample : P1801-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 21 03:13:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

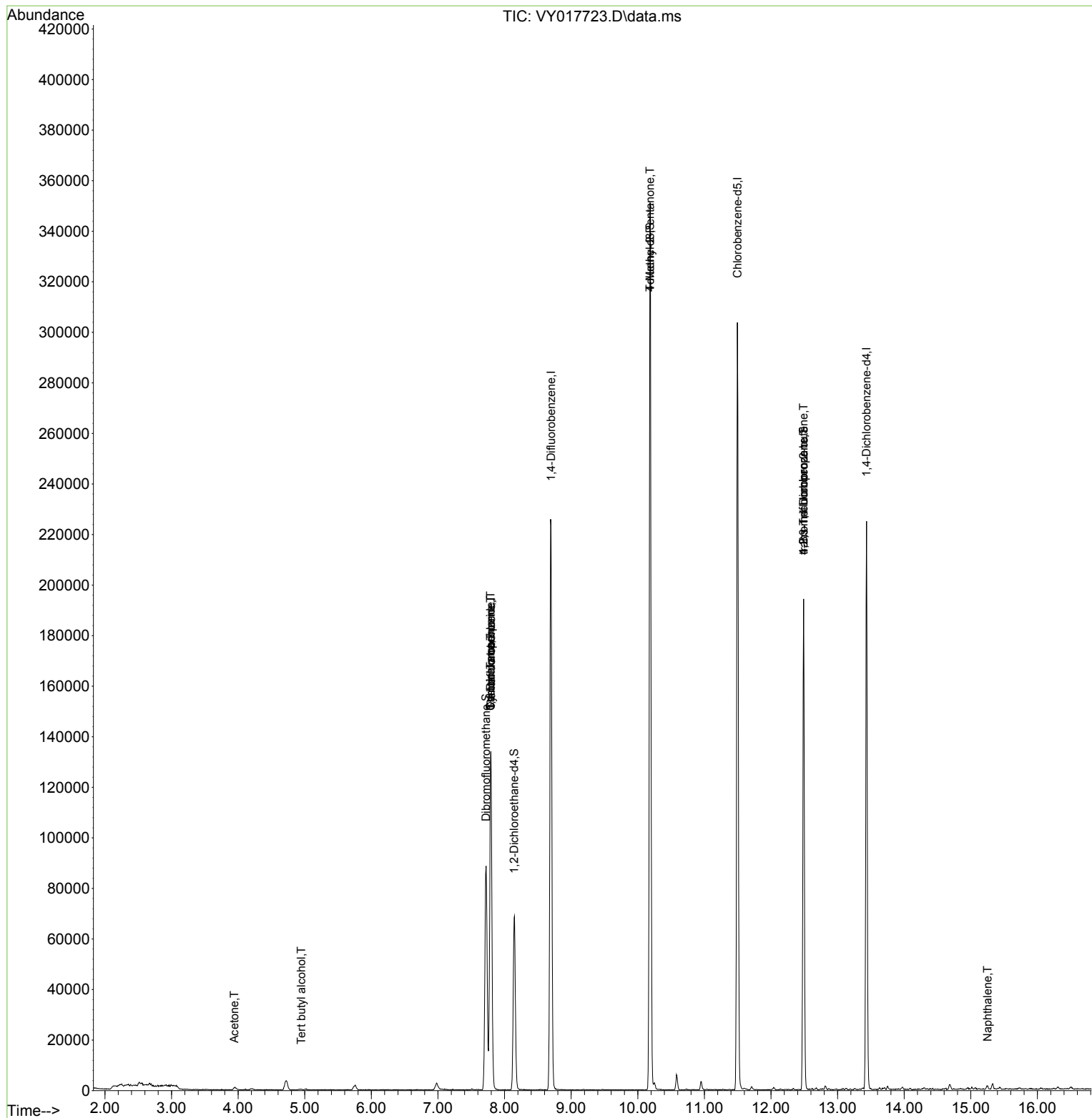
Internal Standards						
1) Pentafluorobenzene	7.795	168	109226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	174687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	58351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53009	51.208	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.420%			
35) Dibromofluoromethane	7.722	113	65301	45.643	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.280%			
50) Toluene-d8	10.185	98	233976	46.774	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.540%			
62) 4-Bromofluorobenzene	12.489	95	56990	36.252	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 72.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	255	2.900	ug/l #	88
16) Acetone	3.942	43	1983	9.876	ug/l #	60
20) Methylene Chloride	4.723	84	3098	Below Cal		93
31) Cyclohexane	7.789	56	2239	1.329	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8269	4.284	ug/l #	46
38) Carbon Tetrachloride	7.789	117	10274	5.311	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	846	1.133	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	29771	53.697	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	29771	123.384	ug/l #	16
95) Naphthalene	15.251	128	1867	4.857	ug/l #	96

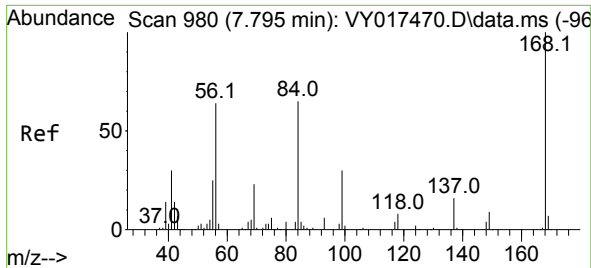
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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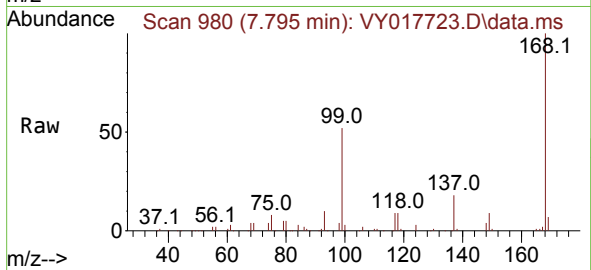
Quant Time: Mar 21 03:13:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration



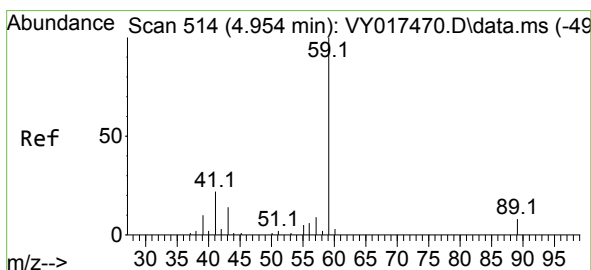
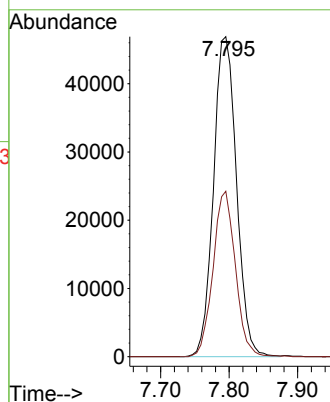
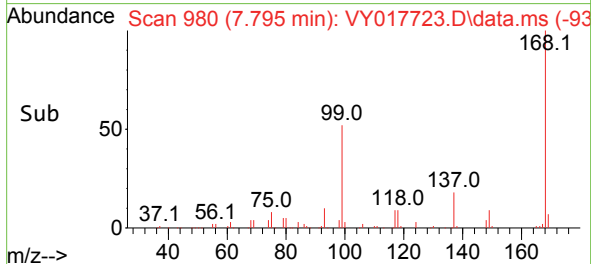


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Instrument :
MSVOA_Y
ClientSampleId :

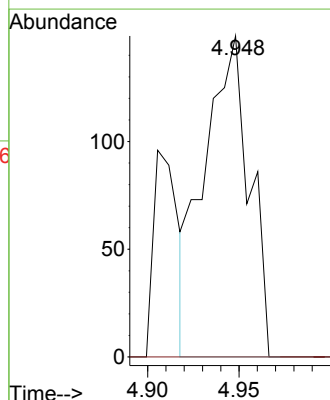
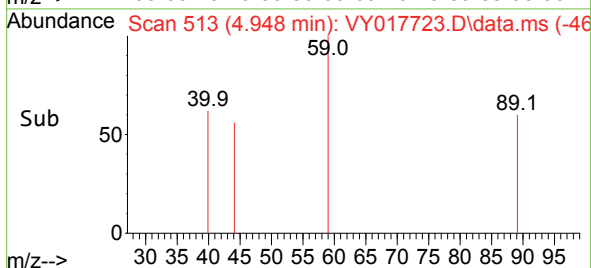
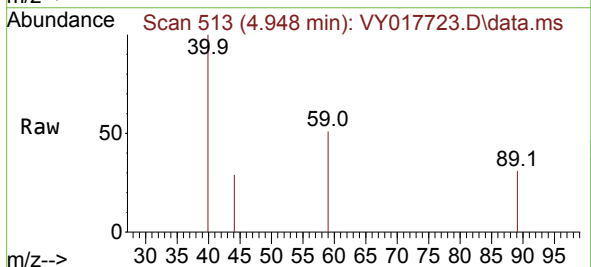


Tgt Ion:168 Resp: 109226
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.900 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

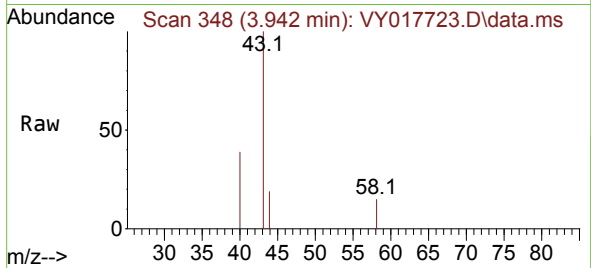
Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



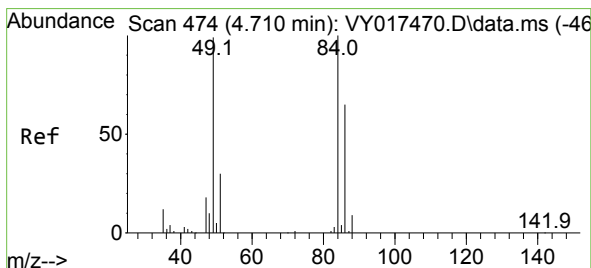
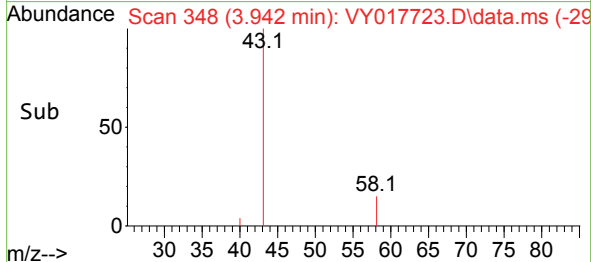
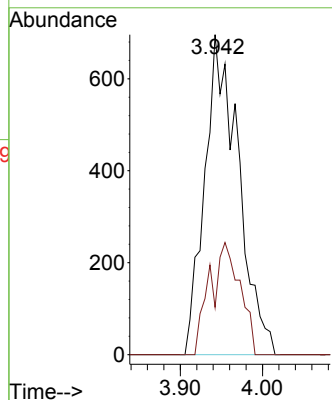


#16
Acetone
Concen: 9.876 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Instrument :
MSVOA_Y
ClientSampleId :

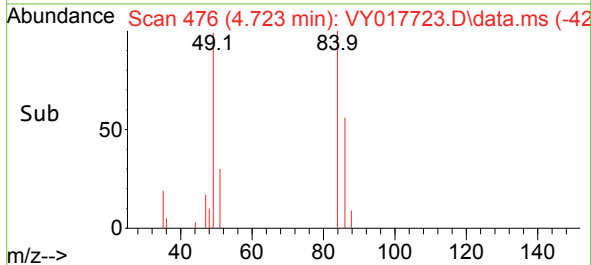
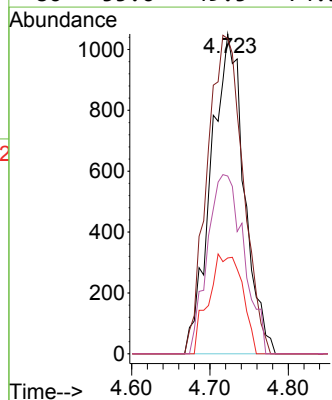
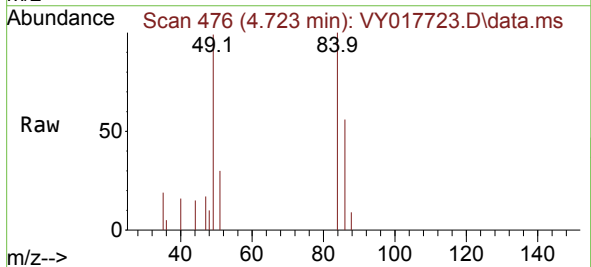


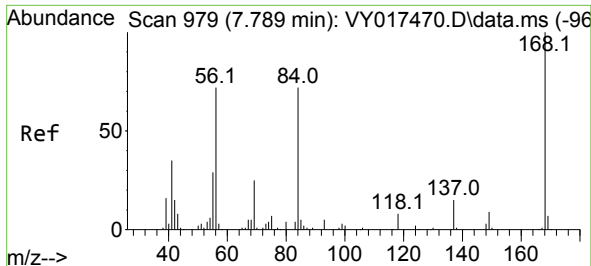
Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
58 14.8 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Tgt Ion: 84 Resp: 3098
Ion Ratio Lower Upper
84 100
49 98.6 84.4 126.6
51 30.0 26.0 39.0
86 55.6 49.5 74.3

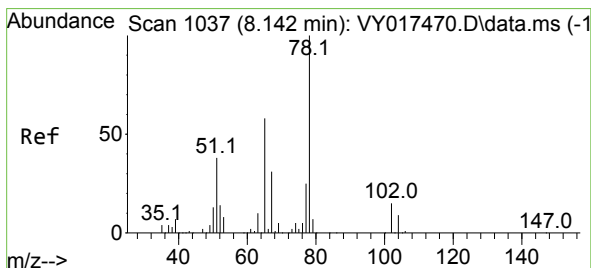
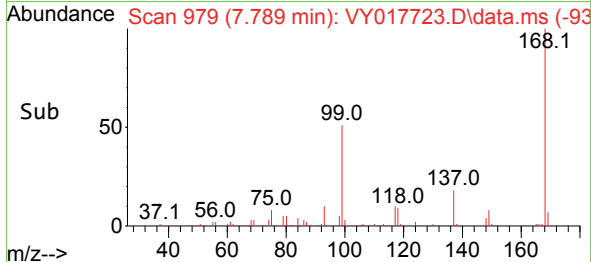
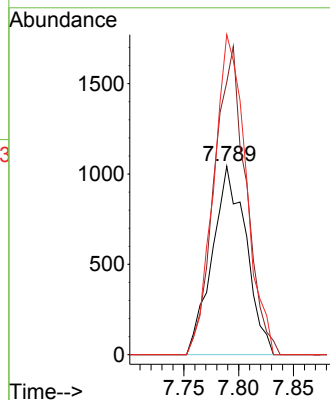
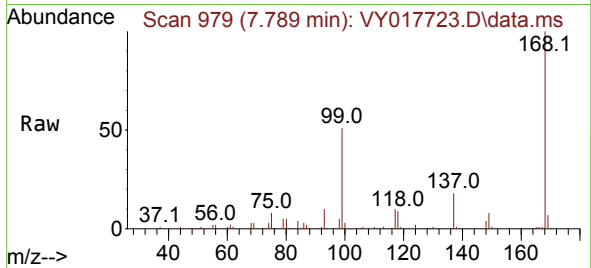




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

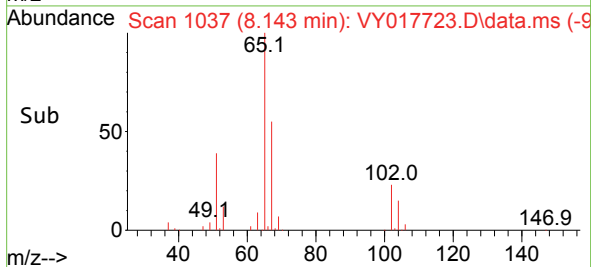
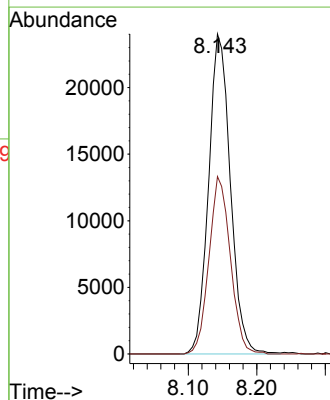
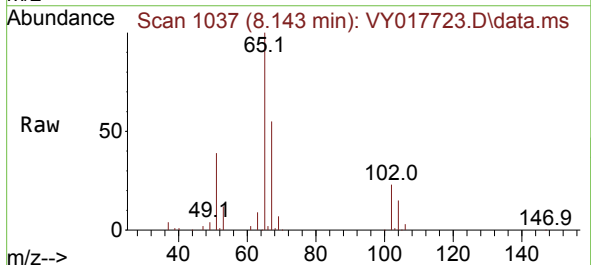
Instrument :
MSVOA_Y
ClientSampleId :

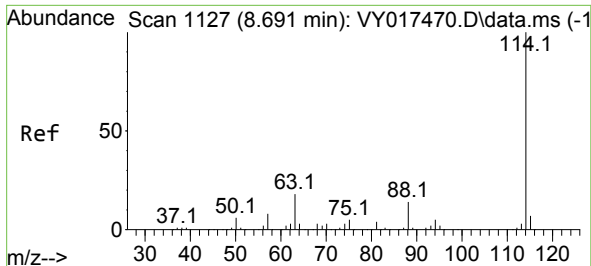
Tgt Ion: 56 Resp: 2239
Ion Ratio Lower Upper
56 100
69 144.6 28.7 43.1#
84 169.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.208 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Tgt Ion: 65 Resp: 53009
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6

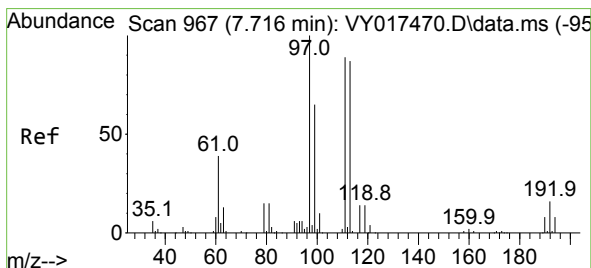
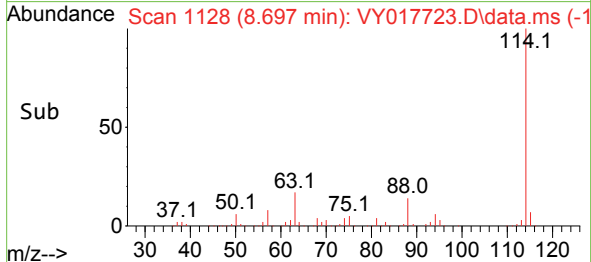
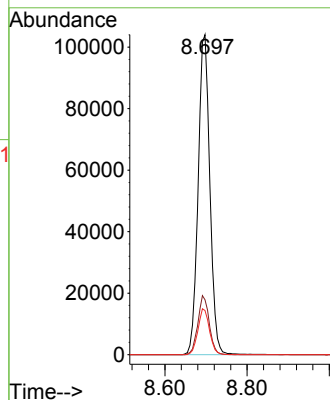
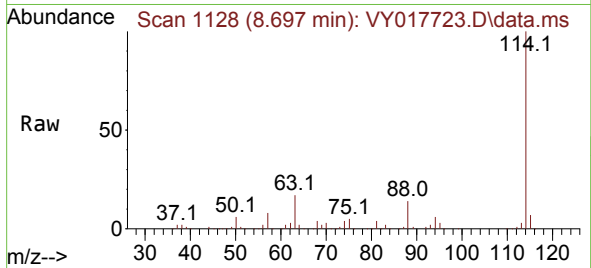




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

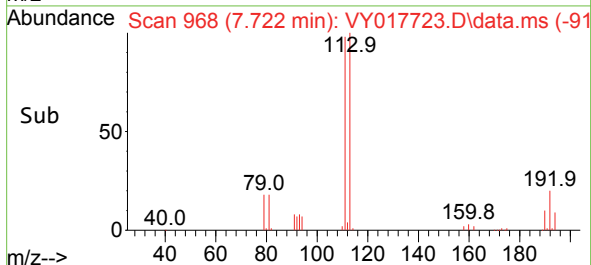
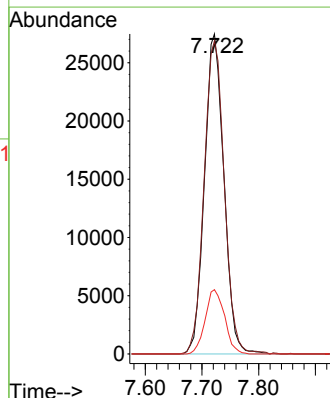
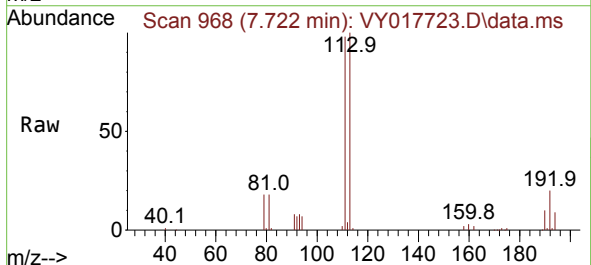
Instrument :
MSVOA_Y
ClientSampleId :

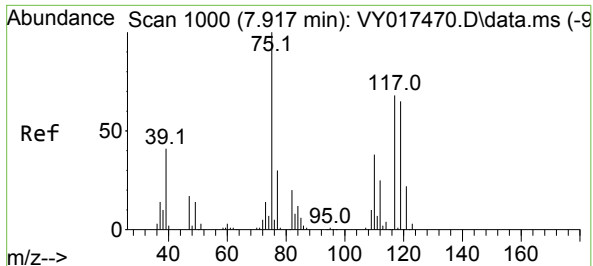
Tgt Ion:114 Resp: 205314
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.643 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Tgt Ion:113 Resp: 65301
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 20.1 15.9 23.9

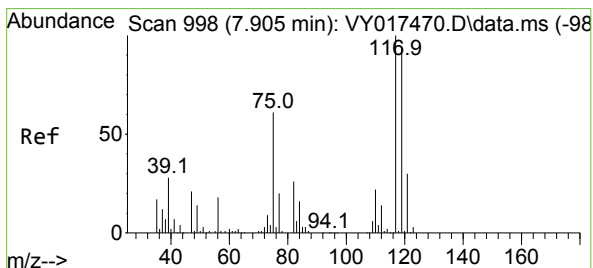
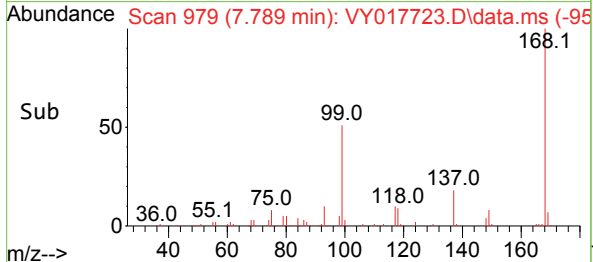
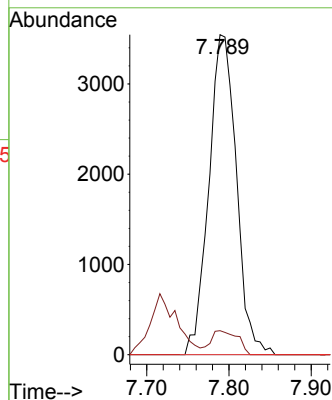
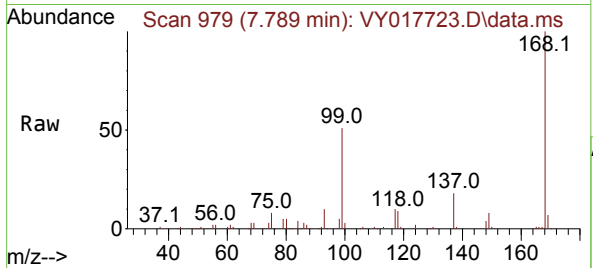




#36
1,1-Dichloropropene
Concen: 4.284 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

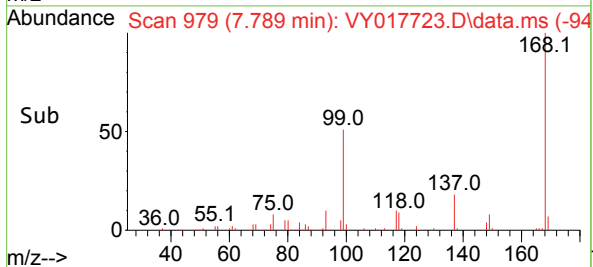
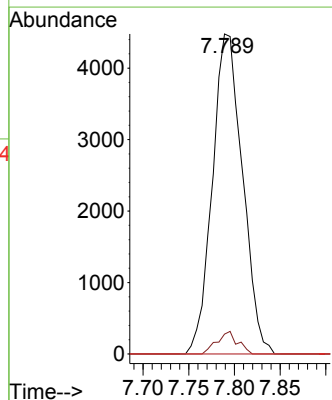
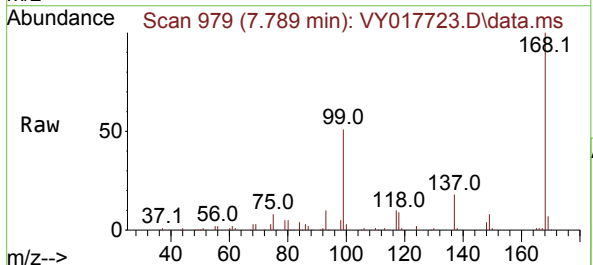
Instrument :
MSVOA_Y
ClientSampleId :

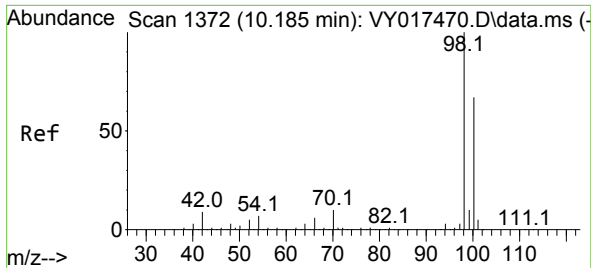
Tgt Ion: 75 Resp: 8269
Ion Ratio Lower Upper
75 100
110 7.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.311 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Tgt Ion: 117 Resp: 10274
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.0 36.0#

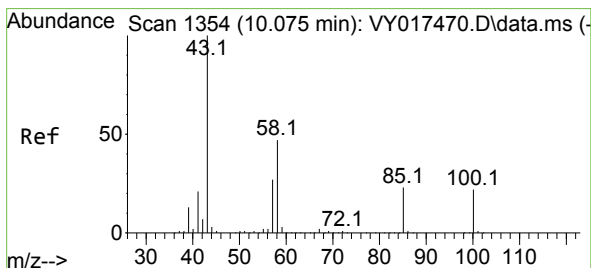
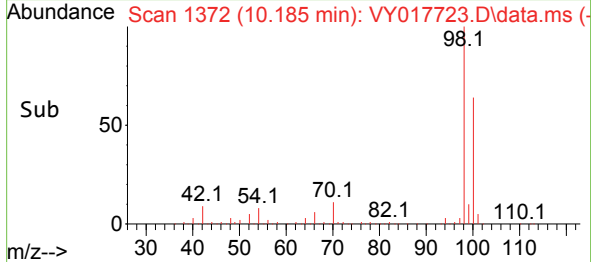
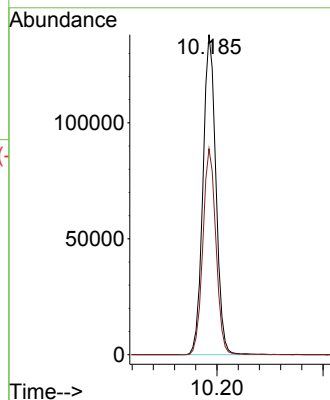
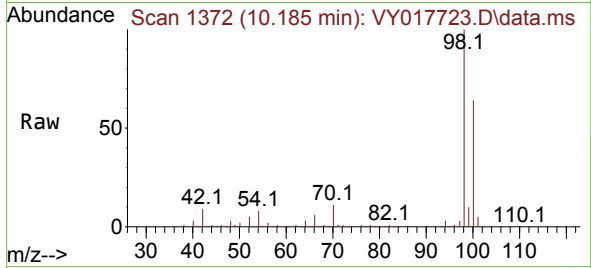




#50
Toluene-d8
Concen: 46.774 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

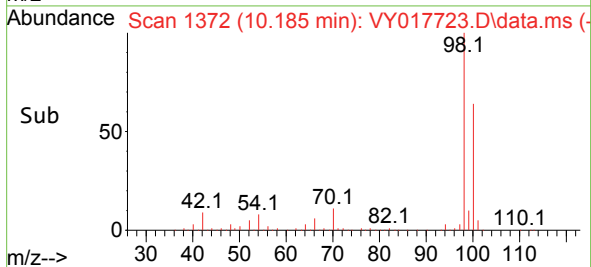
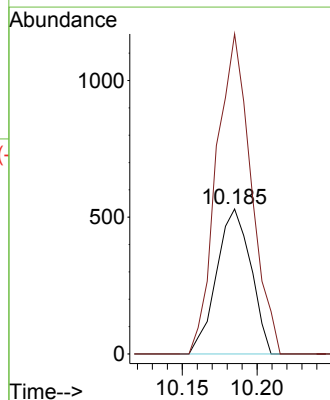
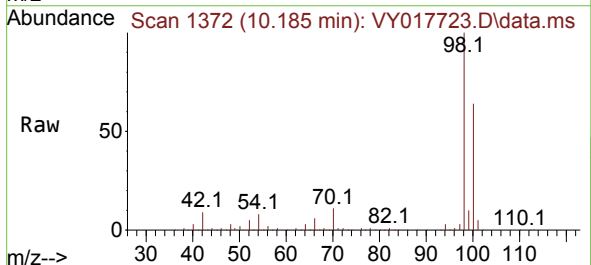
Instrument :
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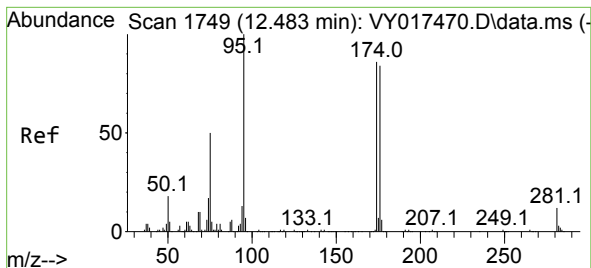
Tgt Ion: 98 Resp: 233976
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.133 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 222.2 35.7 53.5#

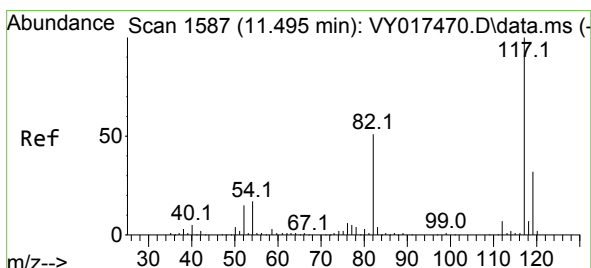
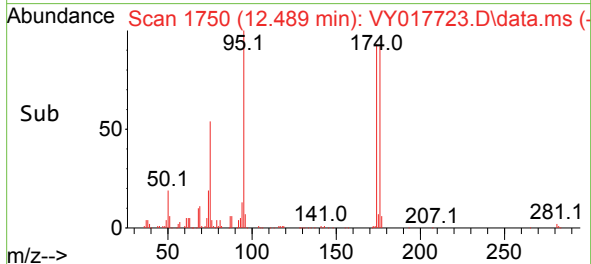
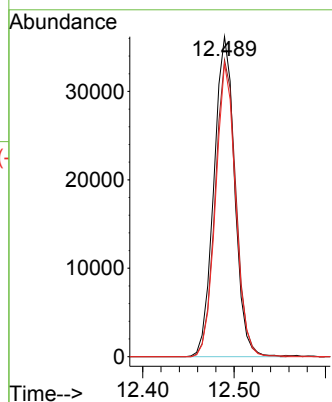
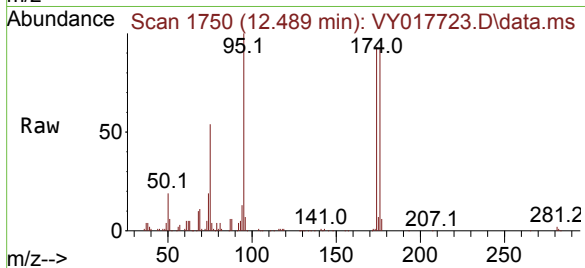




#62
4-Bromofluorobenzene
Concen: 36.252 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

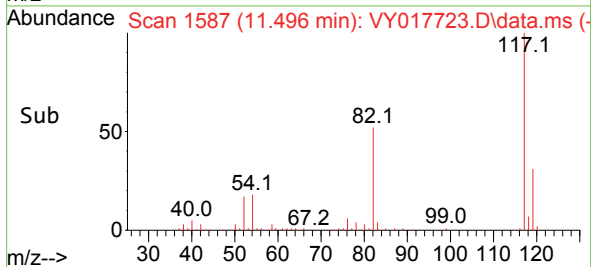
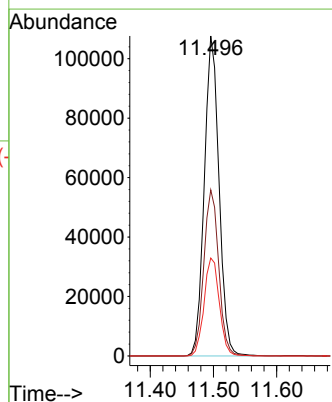
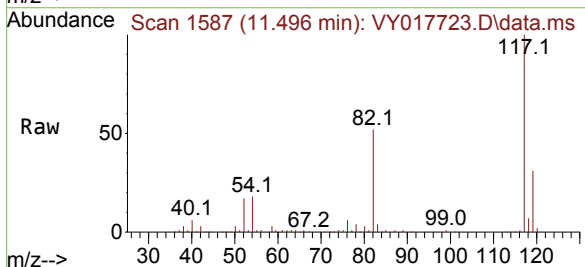
Instrument :
MSVOA_Y
ClientSampleId :

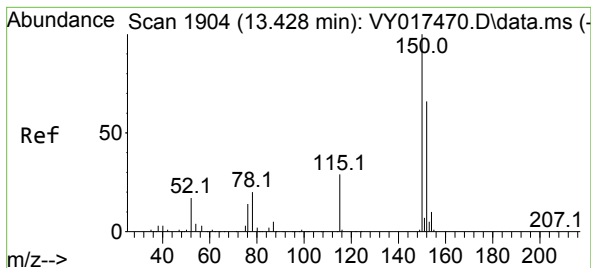
Tgt Ion: 95 Resp: 56990
Ion Ratio Lower Upper
95 100
174 93.0 0.0 175.6
176 88.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

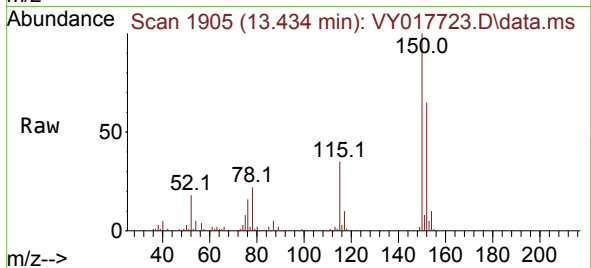
Tgt Ion: 117 Resp: 174687
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 30.6 25.9 38.9



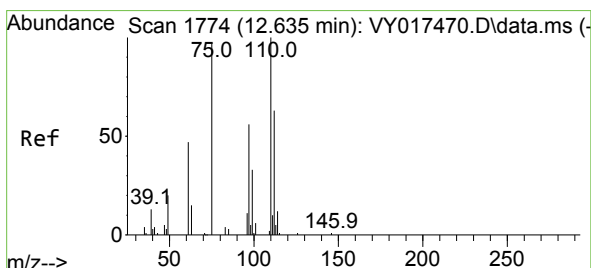
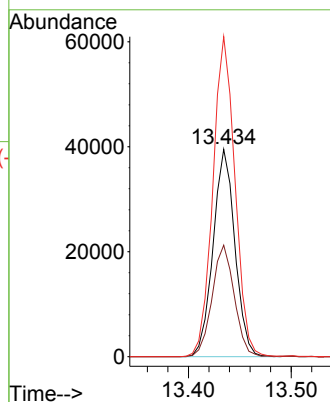
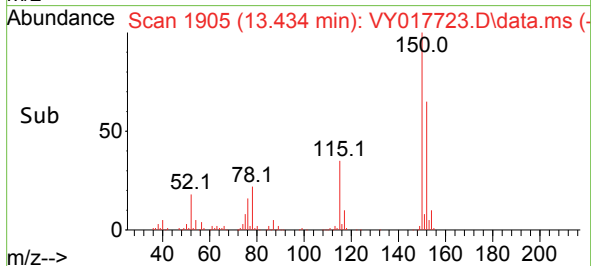


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

Instrument :
MSVOA_Y
ClientSampleId :

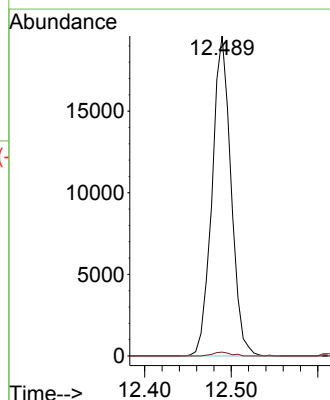
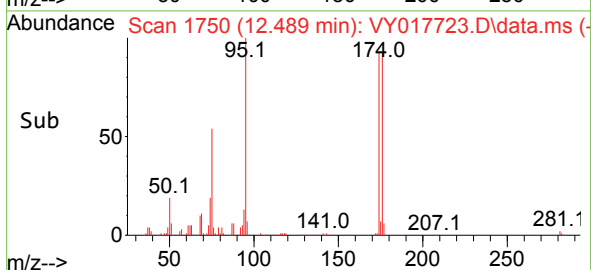
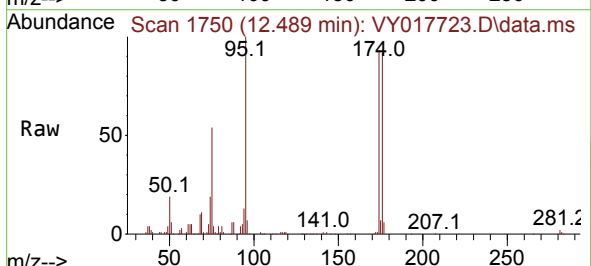


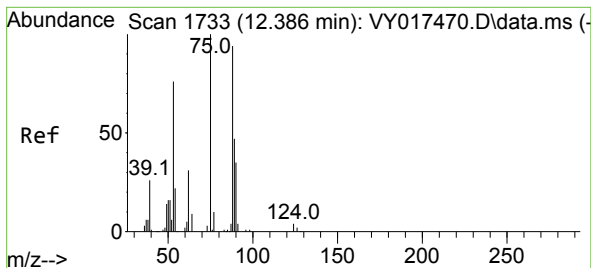
Tgt Ion:152 Resp: 58351
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.1 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 53.697 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

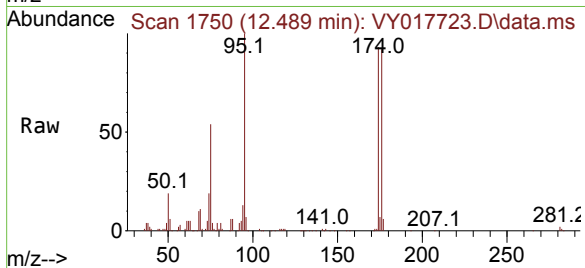
Tgt Ion: 75 Resp: 29771
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



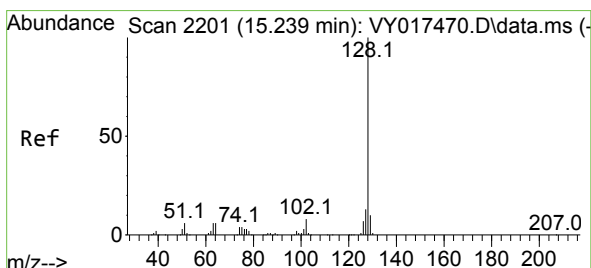
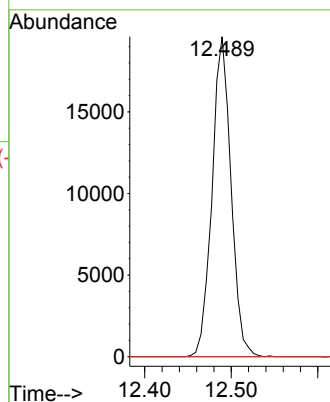
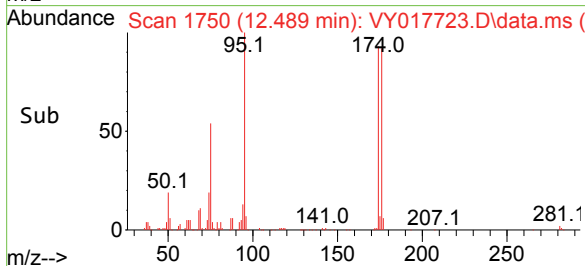


#81
trans-1,4-Dichloro-2-butene
Concen: 123.384 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39

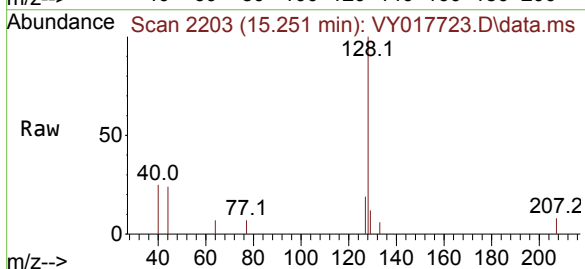
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 29771
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.857 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY017723.D
Acq: 20 Mar 2024 11:39



Tgt Ion: 128 Resp: 1867
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 8.6 8.6 13.0#

