

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014849.D
 Acq On : 26 Jul 2023 15:06
 Operator : SY/MD
 Sample : 03742-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 15:32:01 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)

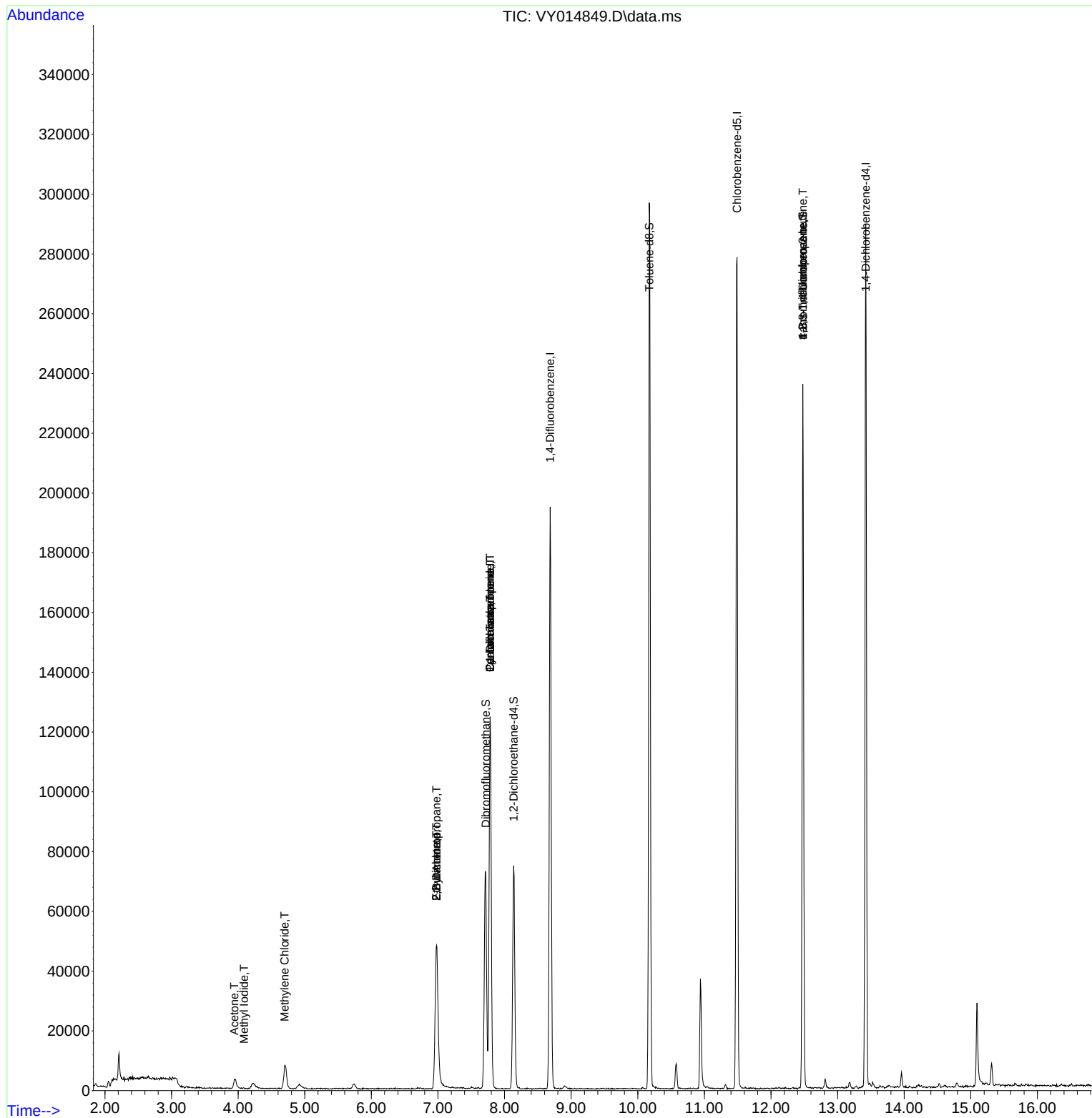
Internal Standards						
1) Pentafluorobenzene	7.783	168	96332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	57741	52.600	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.200%			
35) Dibromofluoromethane	7.716	113	52240	48.853	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.700%			
50) Toluene-d8	10.173	98	199621	50.634	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.260%			
62) 4-Bromofluorobenzene	12.477	95	69067	45.689	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.380%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.089	142	123	2.478	ug/l #	38
11) Tert butyl alcohol	4.918	59	1342	Below Cal	#	89
16) Acetone	3.942	43	6252	17.973	ug/l	95
20) Methylene Chloride	4.698	84	6003	1.190	ug/l #	87
25) 2-Butanone	6.978	43	4145	8.145	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	3880	2.078	ug/l #	54
31) Cyclohexane	7.783	56	1930	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7900	4.940	ug/l #	49
37) Ethyl Acetate	6.978	43	4145	3.765	ug/l #	27
38) Carbon Tetrachloride	7.783	117	9702	5.739	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	36969	40.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36969	77.937	ug/l #	10

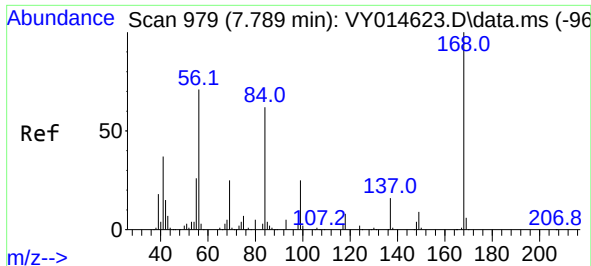
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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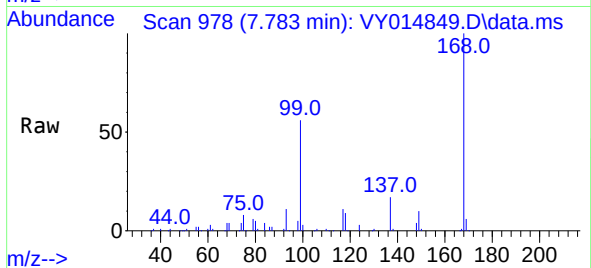
Quant Time: Jul 26 15:32:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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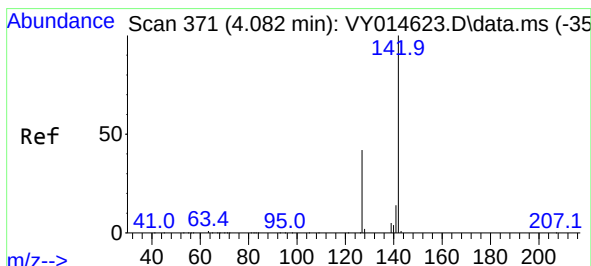
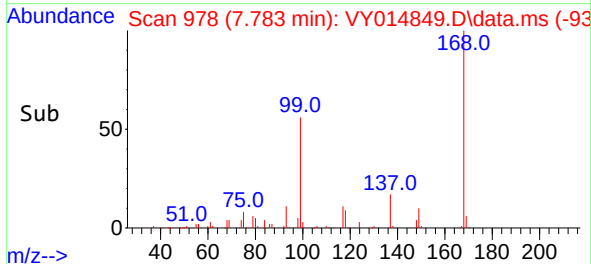
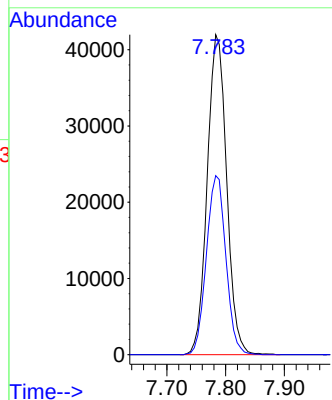


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :

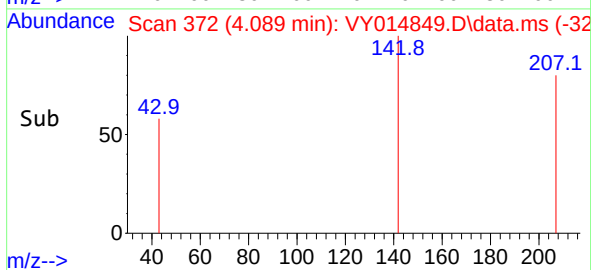
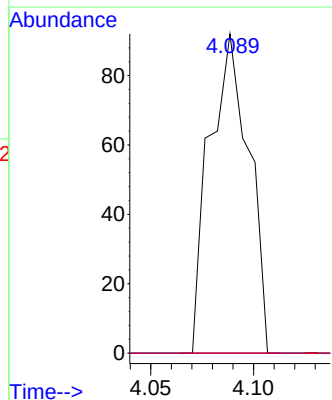
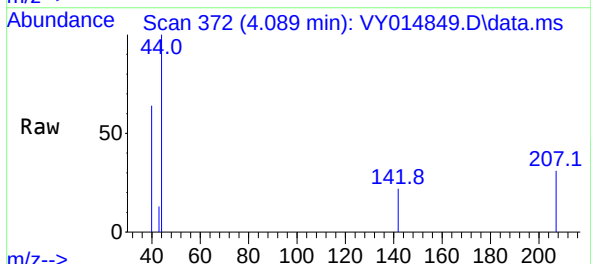


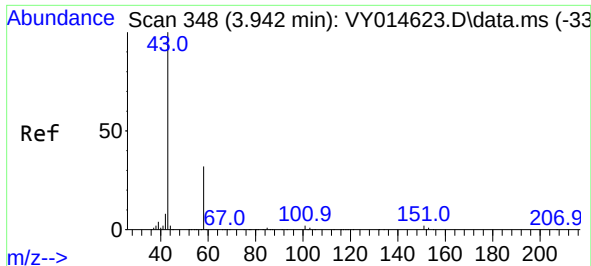
Tgt Ion:168 Resp: 96332
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.478 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.007 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

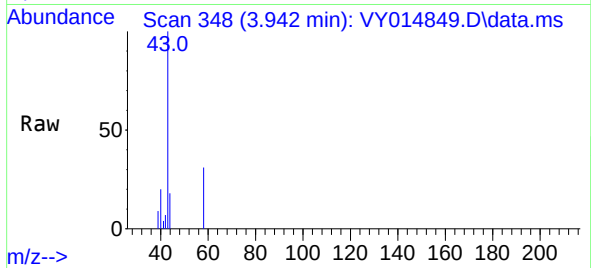
Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



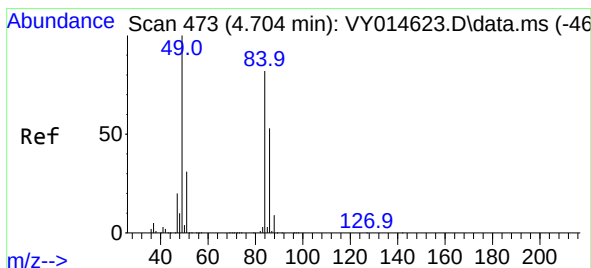
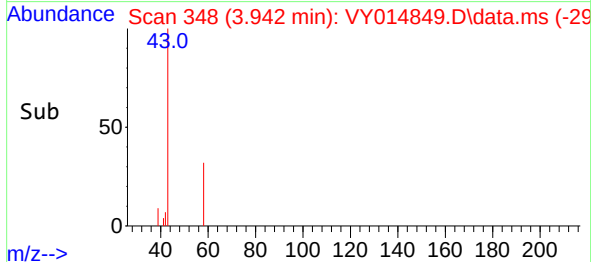
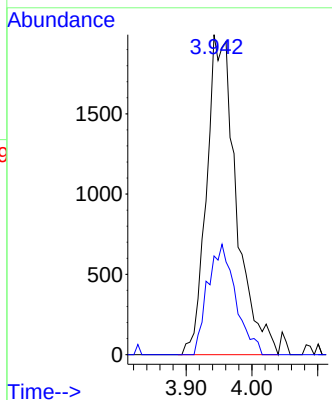


#16
Acetone
Concen: 17.973 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :

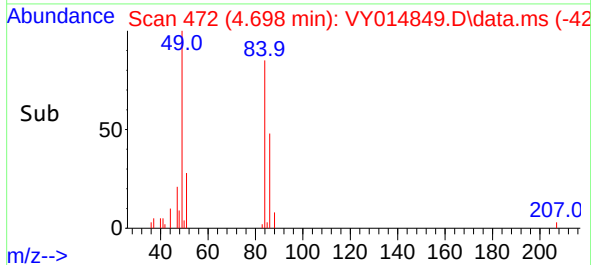
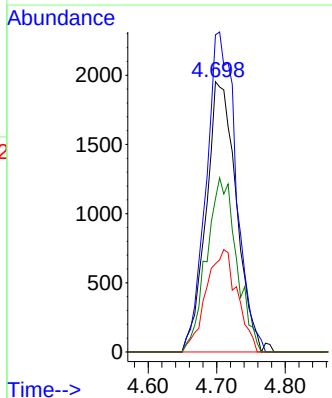
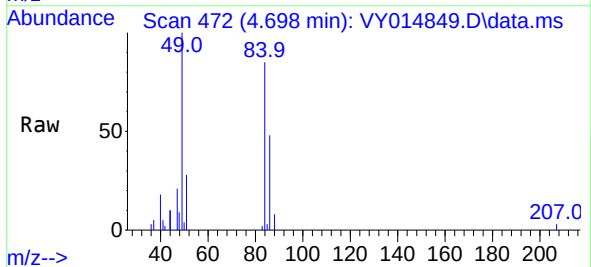


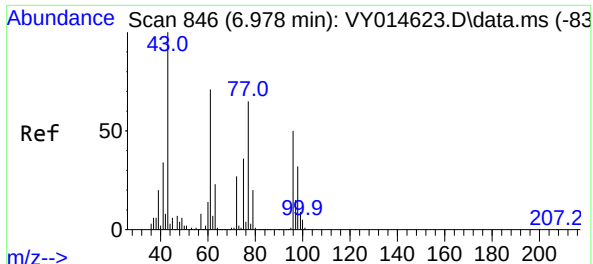
Tgt Ion: 43 Resp: 6252
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1



#20
Methylene Chloride
Concen: 1.190 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Tgt Ion: 84 Resp: 6003
Ion Ratio Lower Upper
84 100
49 117.3 106.9 160.3
51 32.6 33.2 49.8#
86 56.7 51.0 76.6

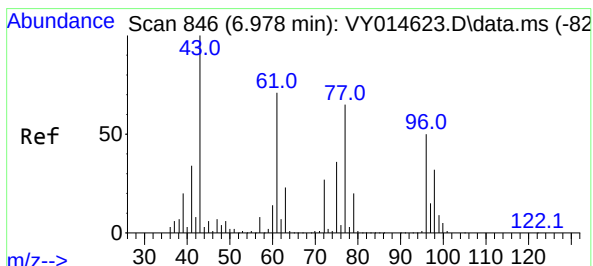
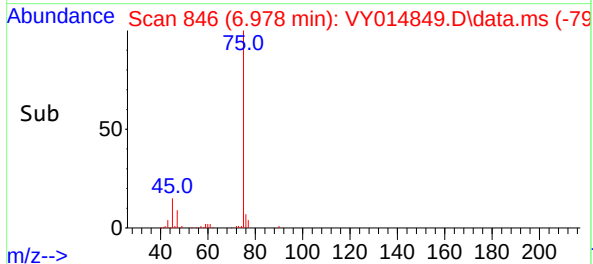
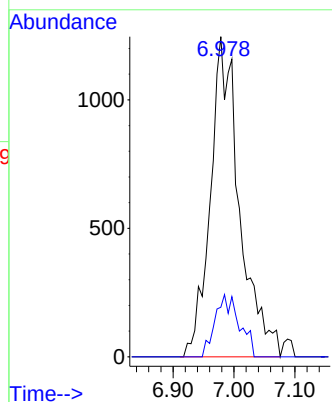
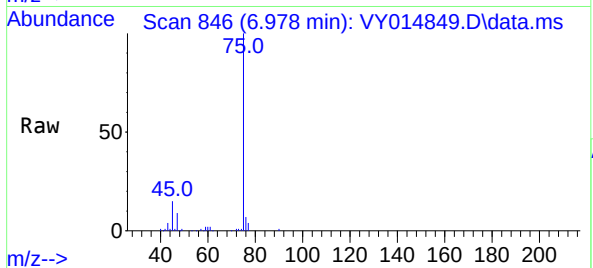




#25
2-Butanone
Concen: 8.145 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

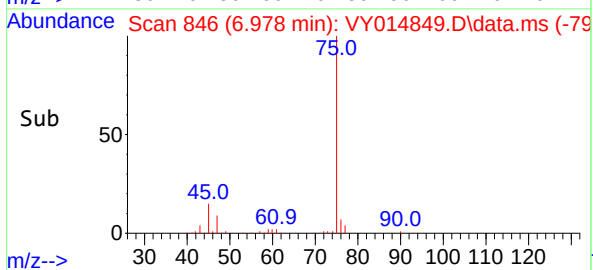
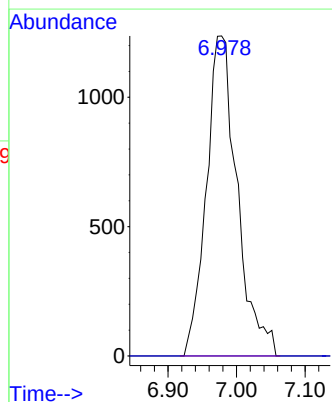
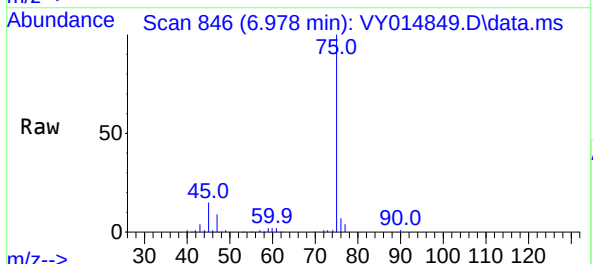
Instrument :
MSVOA_Y
ClientSampleId :

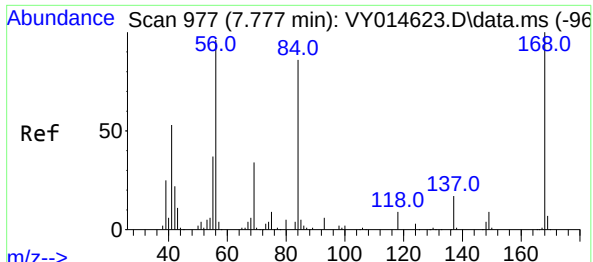
Tgt Ion: 43 Resp: 4145
Ion Ratio Lower Upper
43 100
72 15.5 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 2.078 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

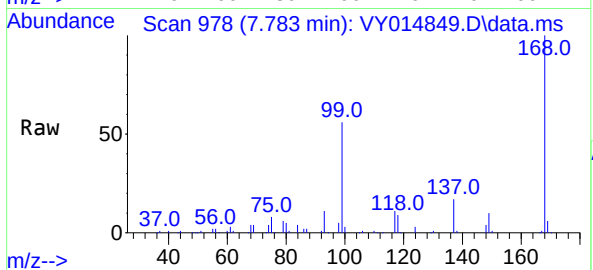
Tgt Ion: 77 Resp: 3880
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



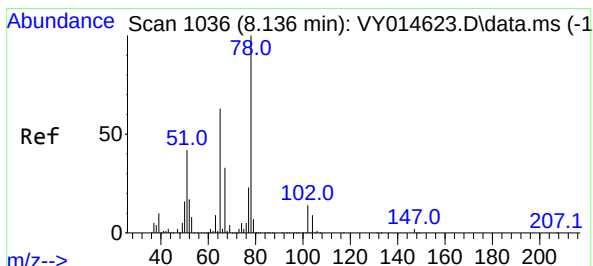
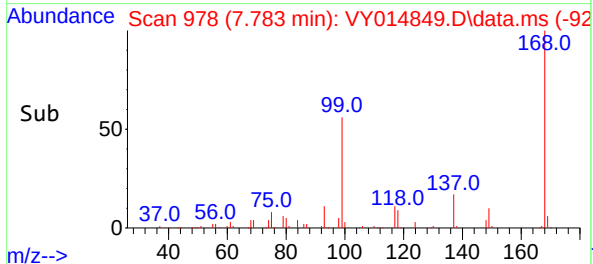
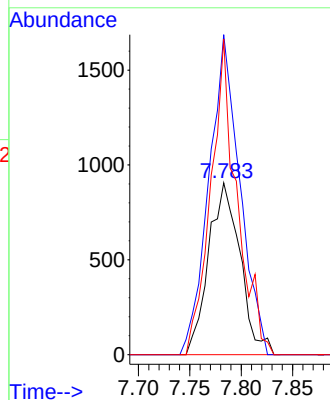


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :

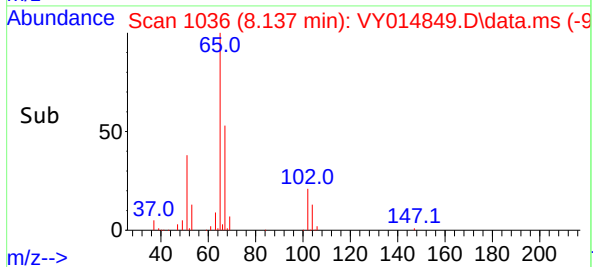
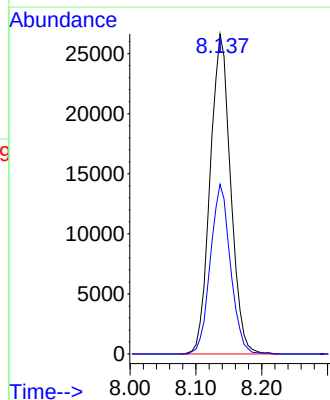
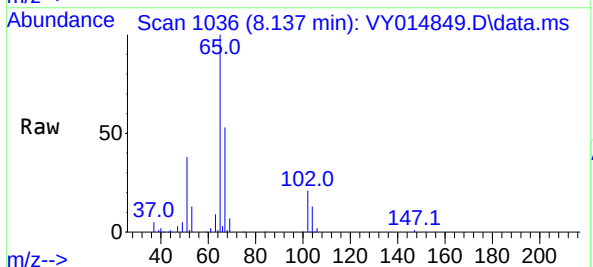


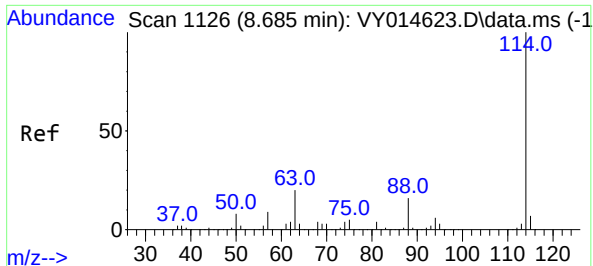
Tgt Ion: 56 Resp: 1930
Ion Ratio Lower Upper
56 100
69 186.2 27.8 41.6#
84 183.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.600 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Tgt Ion: 65 Resp: 57741
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014849.D

Acq: 26 Jul 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :

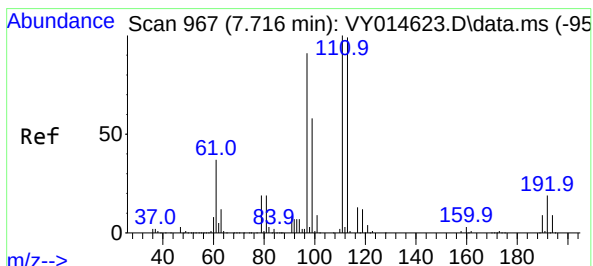
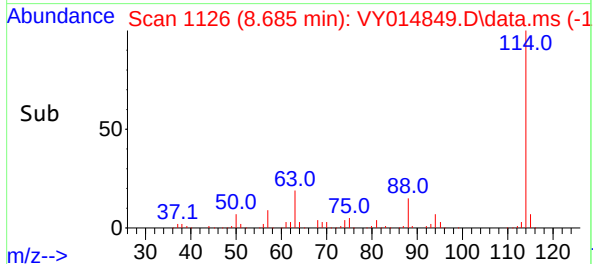
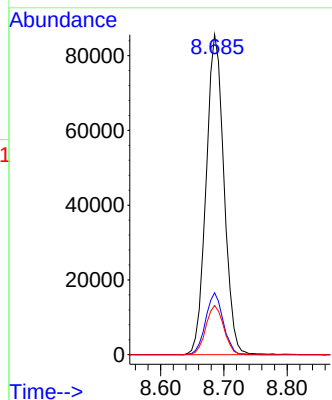
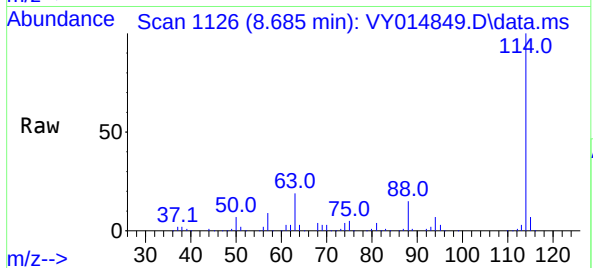
Tgt Ion:114 Resp: 167983

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.853 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014849.D

Acq: 26 Jul 2023 15:06

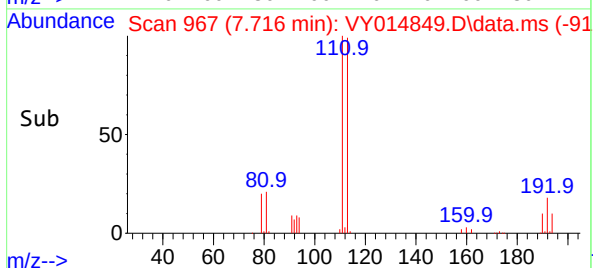
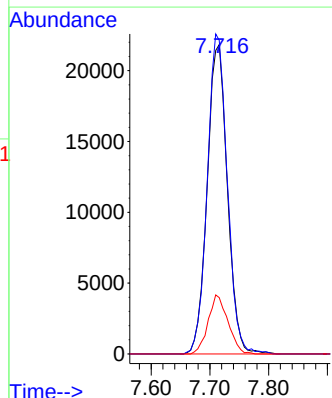
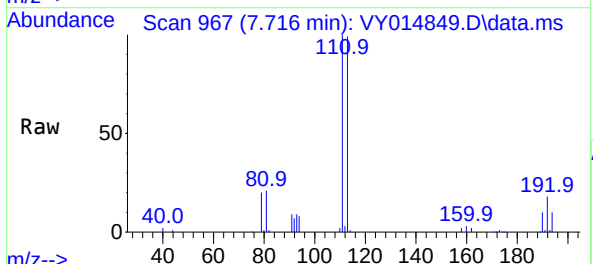
Tgt Ion:113 Resp: 52240

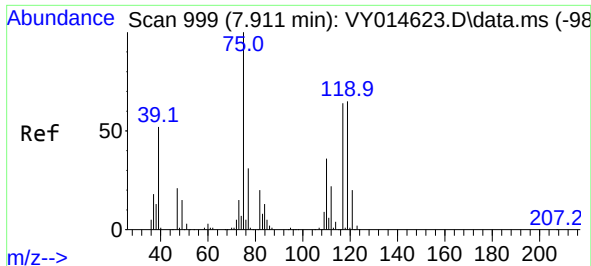
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

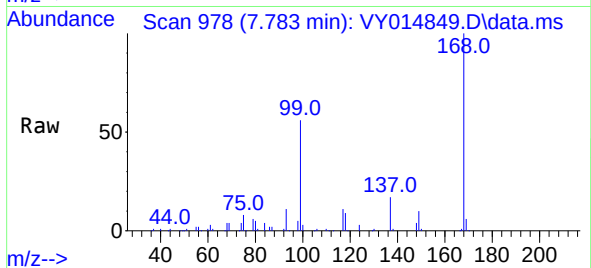
192 18.7 16.9 25.3



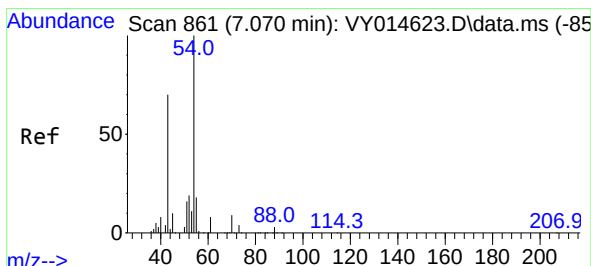
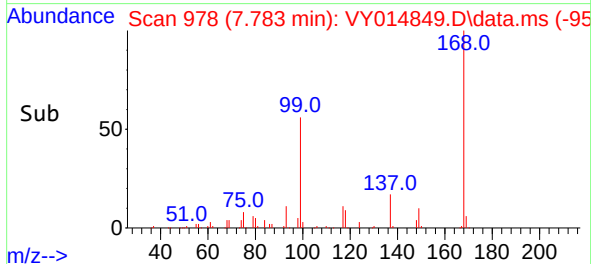
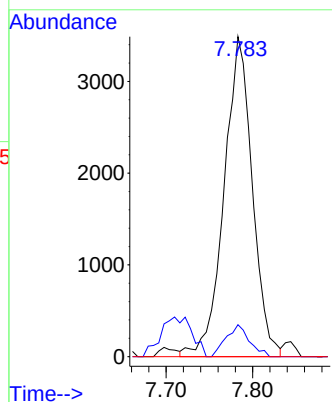


#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :

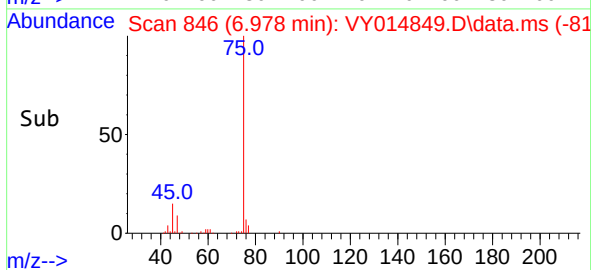
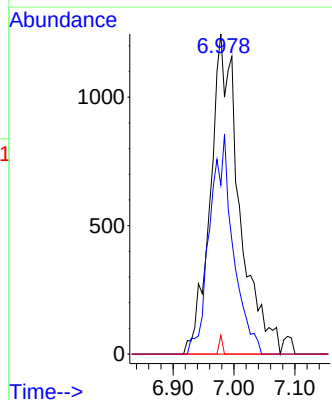
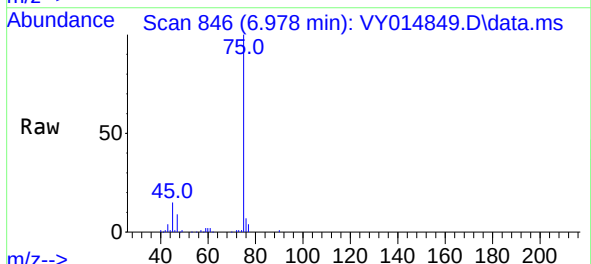


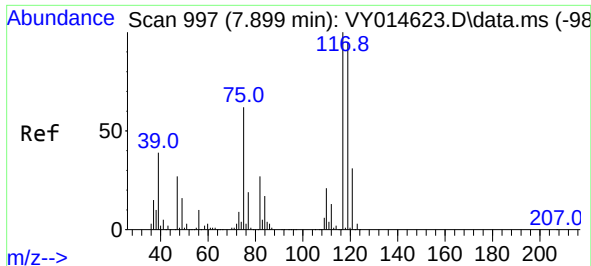
Tgt Ion: 75 Resp: 7900
Ion Ratio Lower Upper
75 100
110 8.2 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 3.765 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

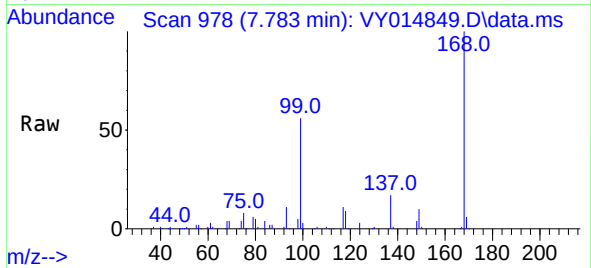
Tgt Ion: 43 Resp: 4145
Ion Ratio Lower Upper
43 100
61 55.2 10.1 15.1#
70 0.7 7.1 10.7#



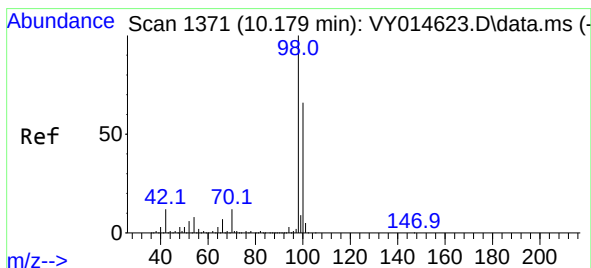
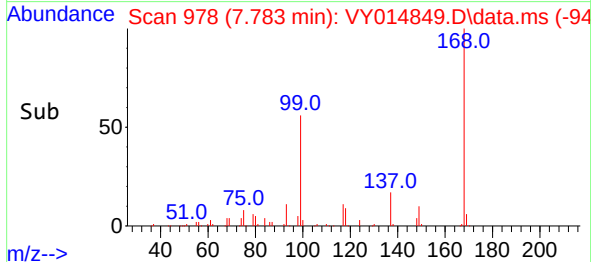
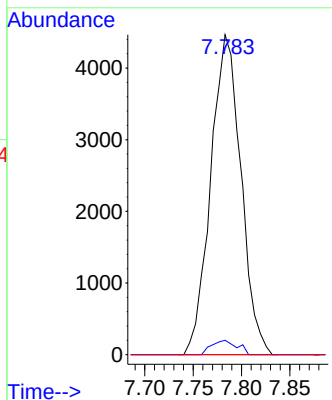


#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :

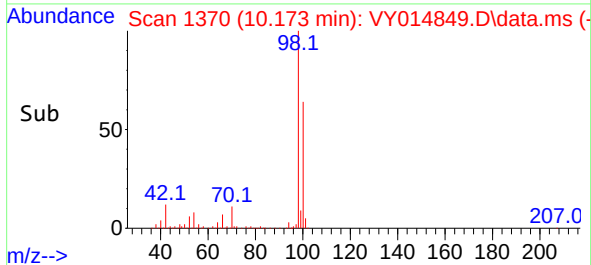
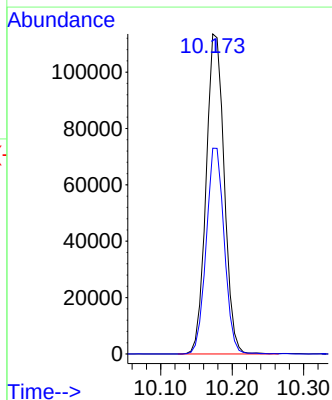
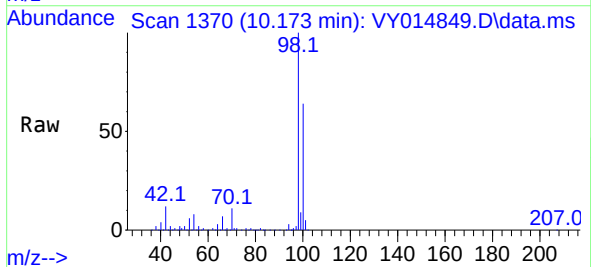


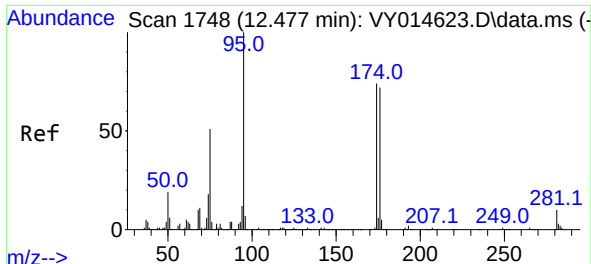
Tgt Ion:117 Resp: 9702
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.634 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Tgt Ion: 98 Resp: 199621
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1

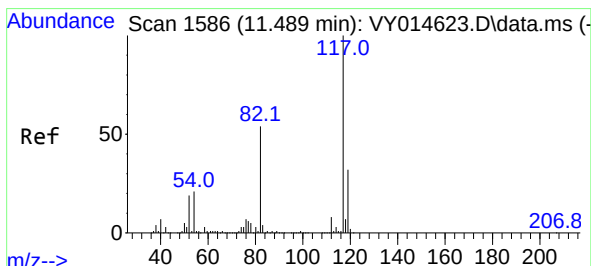
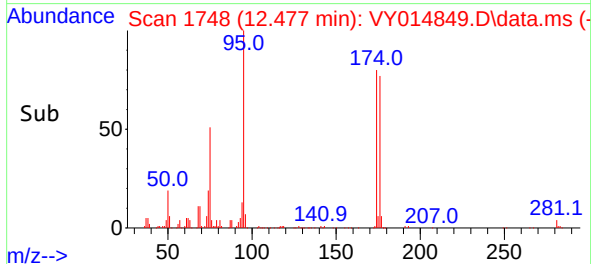
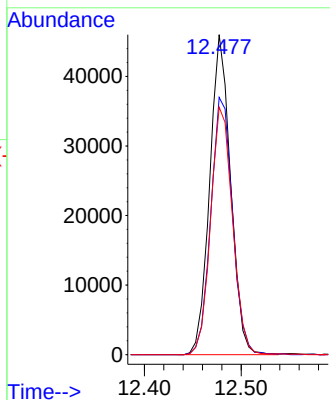
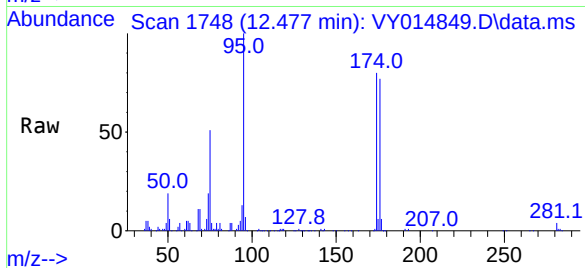




#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

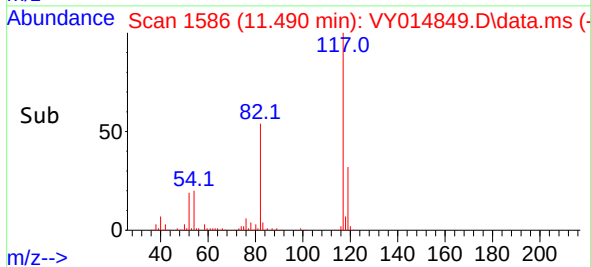
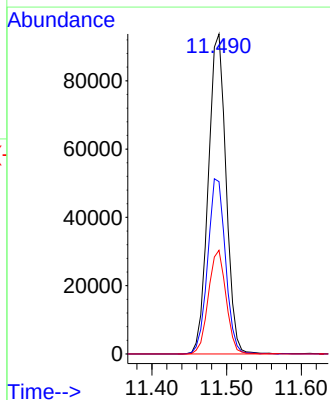
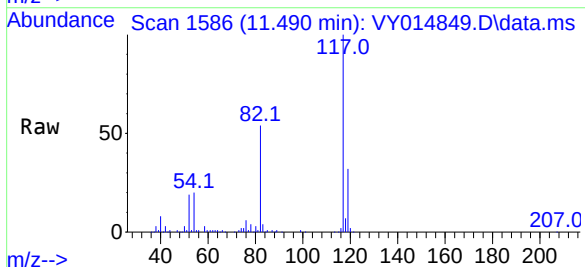
Instrument :
MSVOA_Y
ClientSampleId :

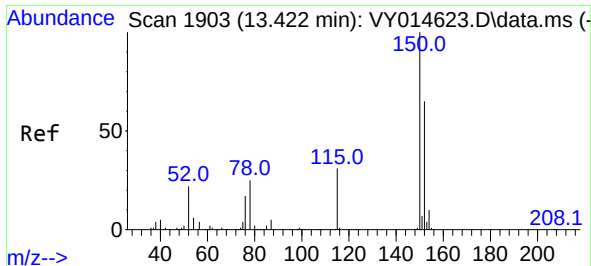
Tgt Ion: 95 Resp: 69067
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 81.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

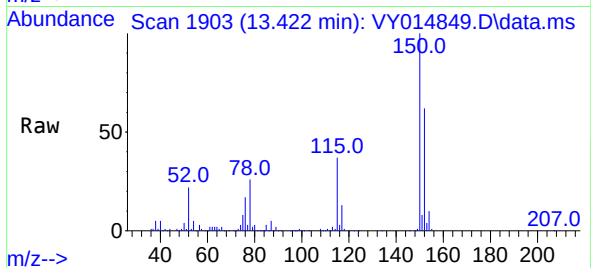
Tgt Ion: 117 Resp: 154516
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.4 26.3 39.5



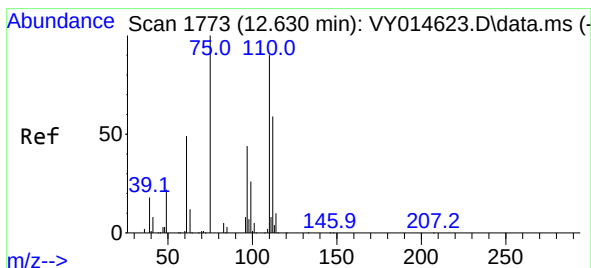
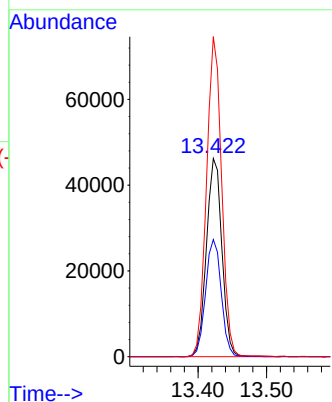
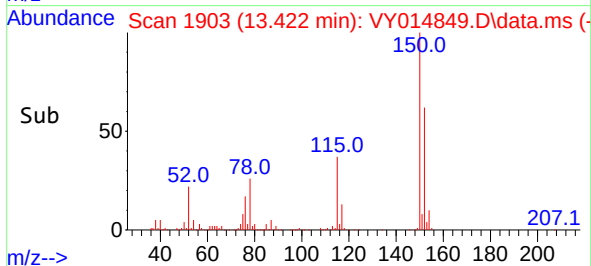


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

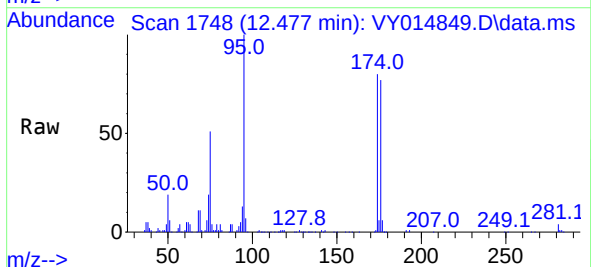
Instrument :
MSVOA_Y
ClientSampleId :



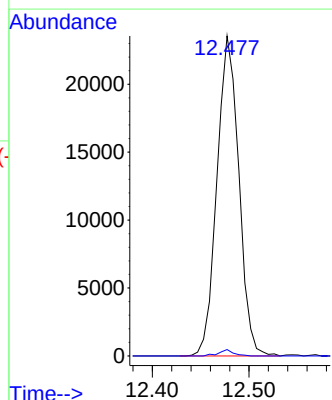
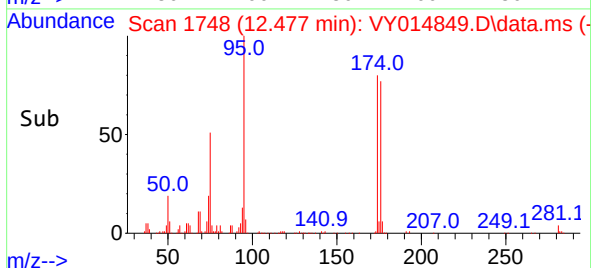
Tgt Ion:152 Resp: 72719
Ion Ratio Lower Upper
152 100
115 59.8 28.8 86.5
150 157.4 0.0 348.8

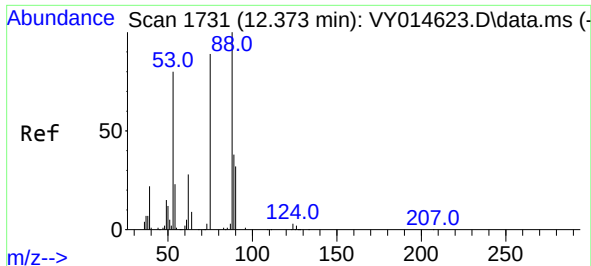


#76
1,2,3-Trichloropropane
Concen: 40.253 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06



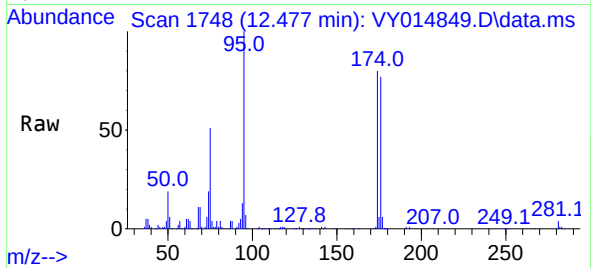
Tgt Ion: 75 Resp: 36969
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.937 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014849.D
 Acq: 26 Jul 2023 15:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36969
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

