

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014851.D
 Acq On : 26 Jul 2023 15:53
 Operator : SY/MD
 Sample : 03741-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 26 16:13:54 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)

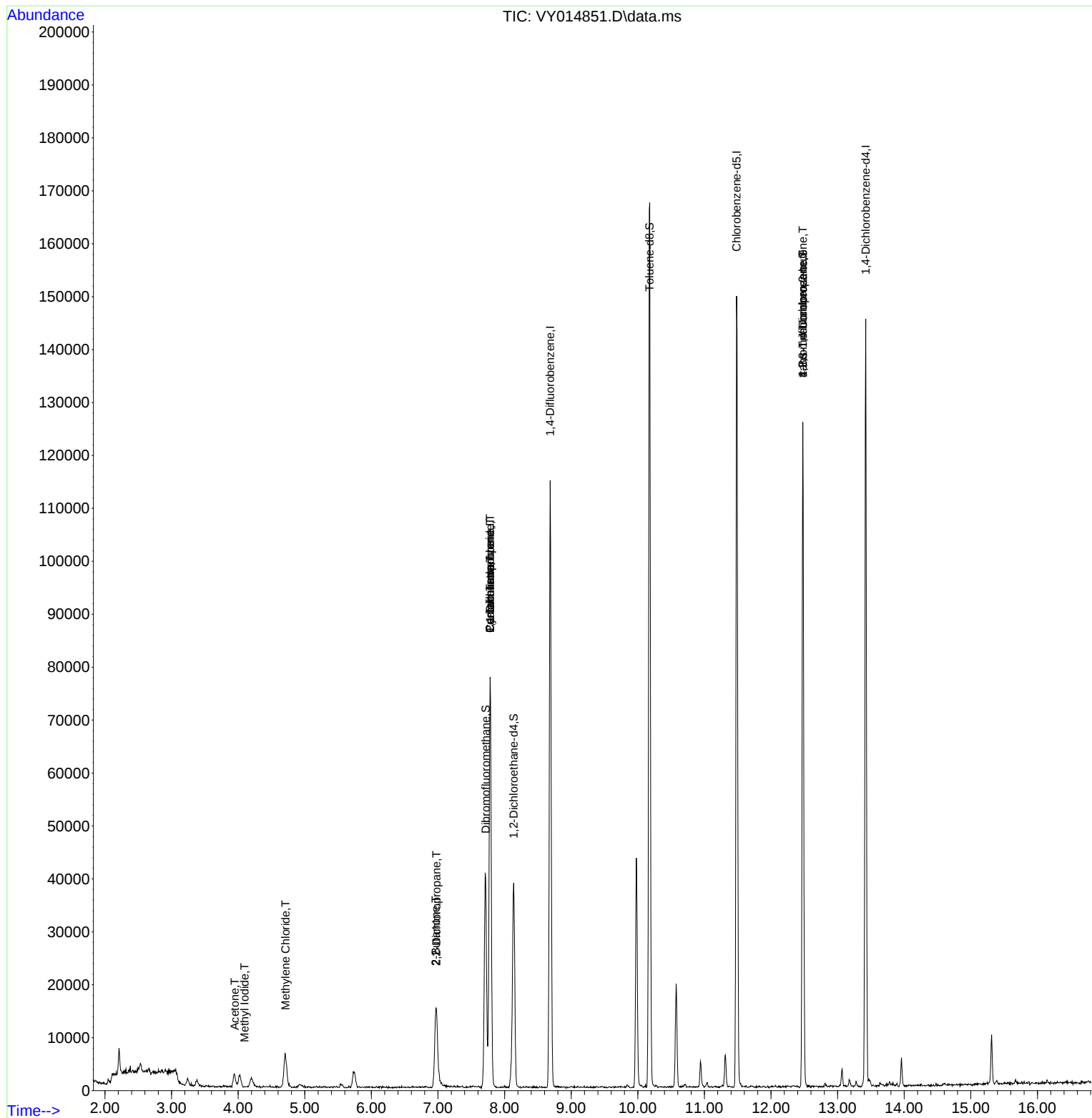
Internal Standards						
1) Pentafluorobenzene	7.783	168	59827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	96474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	83784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	29098	42.681	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.360%		
35) Dibromofluoromethane	7.716	113	28866	47.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.000%		
50) Toluene-d8	10.179	98	113401	50.085	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.477	95	35972	41.434	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.860%		
Target Compounds			Qvalue			
10) Methyl Iodide	4.094	142	99	2.511	ug/l #	38
11) Tert butyl alcohol	4.936	59	480	Below Cal	#	89
16) Acetone	3.948	43	4563	21.121	ug/l	91
20) Methylene Chloride	4.710	84	4735	2.757	ug/l	94
25) 2-Butanone	6.966	43	970	3.069	ug/l #	49
26) 2,2-Dichloropropane	6.978	77	1341	1.156	ug/l #	54
31) Cyclohexane	7.783	56	1274	1.126	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	4744	5.165	ug/l #	49
38) Carbon Tetrachloride	7.783	117	5797	5.971	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	19545	41.931	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	19545	81.186	ug/l #	10

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

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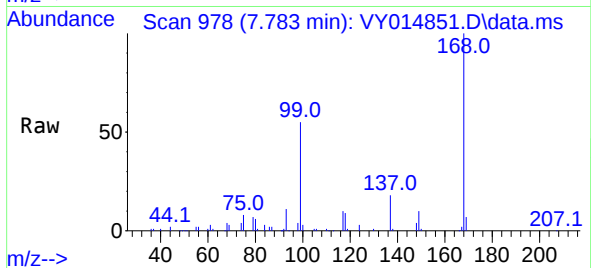
Quant Time: Jul 26 16:13:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration



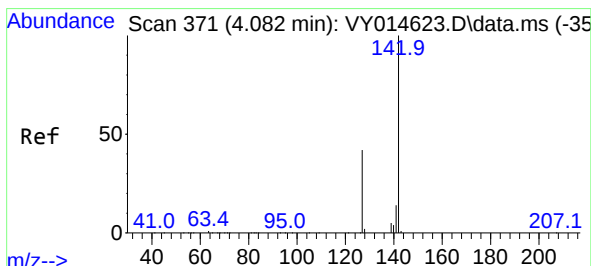
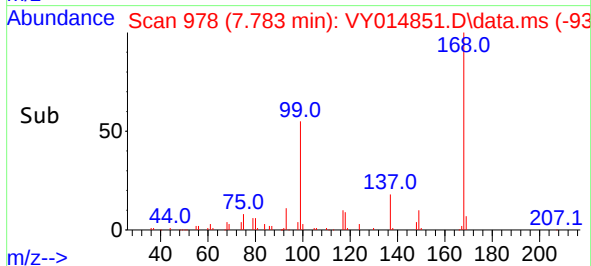
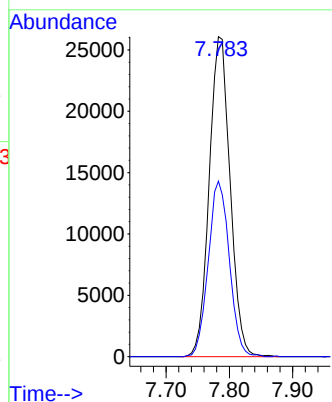


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

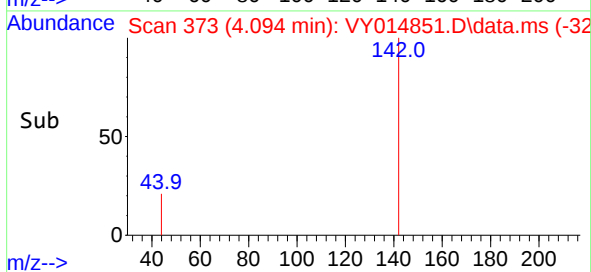
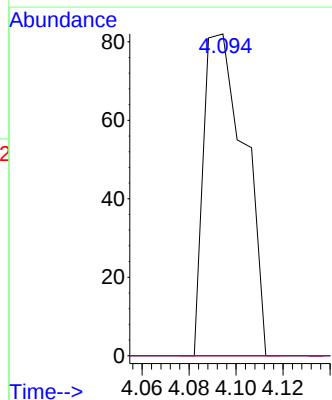
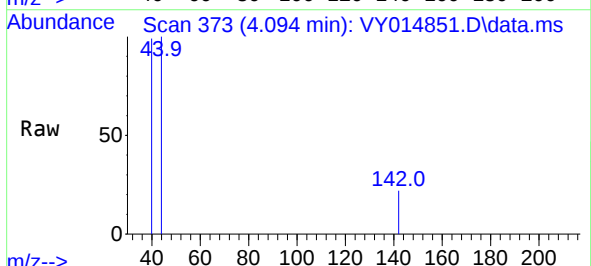


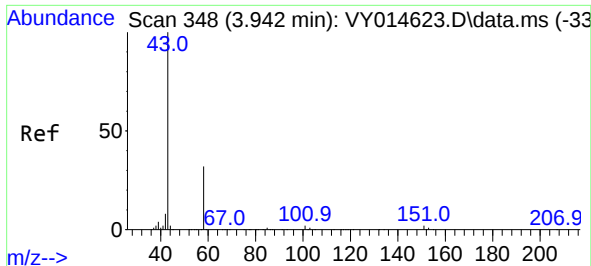
Tgt Ion:168 Resp: 59827
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#10
Methyl Iodide
Concen: 2.511 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

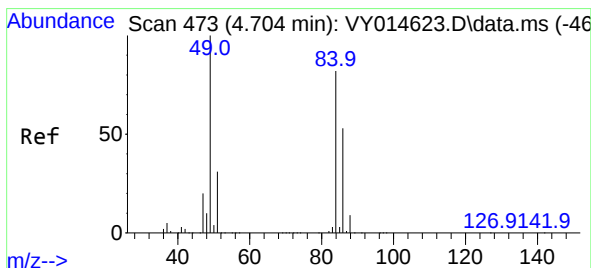
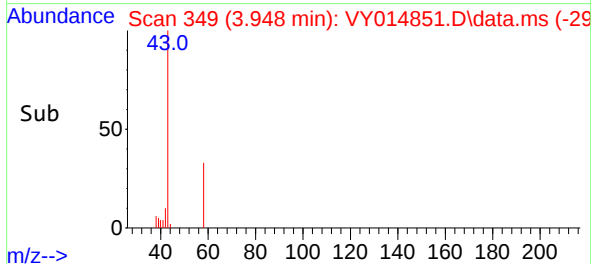
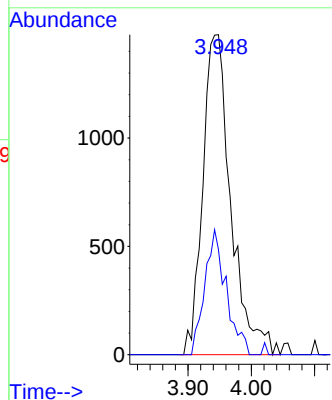
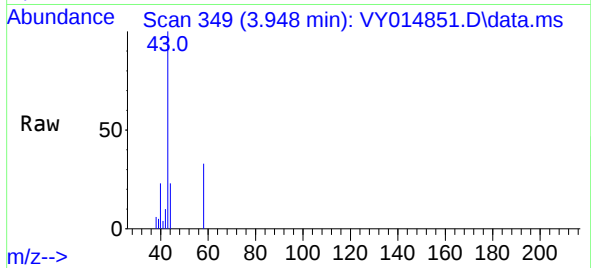




#16
Acetone
Concen: 21.121 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

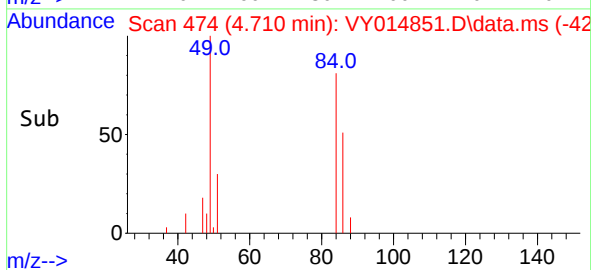
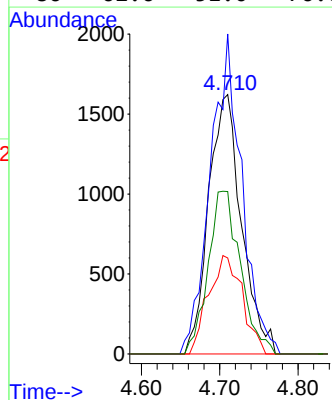
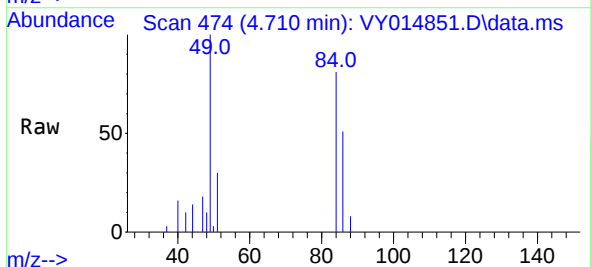
Instrument :
MSVOA_Y
ClientSampleId :

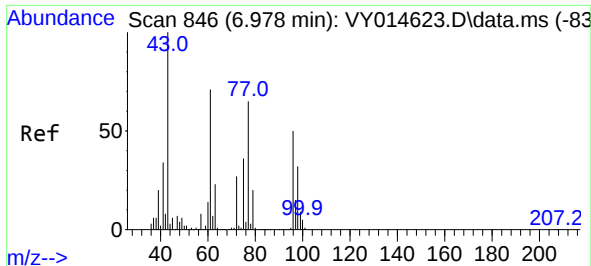
Tgt Ion: 43 Resp: 4563
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1



#20
Methylene Chloride
Concen: 2.757 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Tgt Ion: 84 Resp: 4735
Ion Ratio Lower Upper
84 100
49 123.4 106.9 160.3
51 37.0 33.2 49.8
86 62.6 51.0 76.6





#25

2-Butanone

Concen: 3.069 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

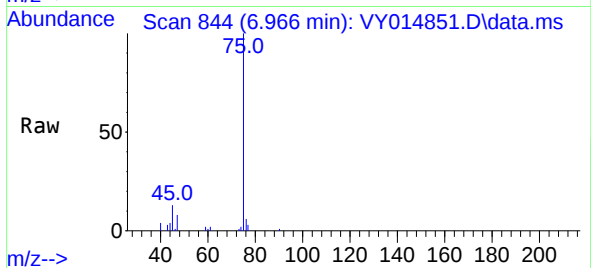
Lab File: VY014851.D

Acq: 26 Jul 2023 15:53

Instrument :

MSVOA_Y

ClientSampleId :

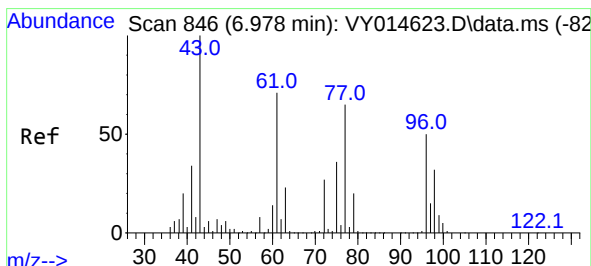
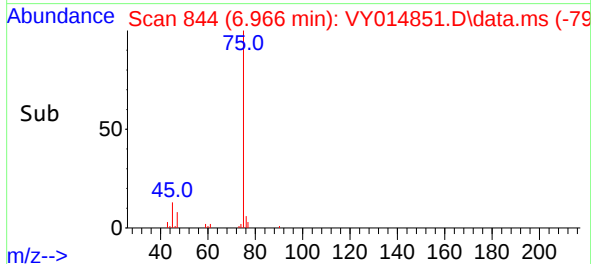
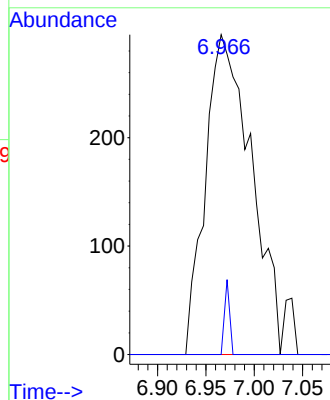


Tgt Ion: 43 Resp: 970

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.156 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY014851.D

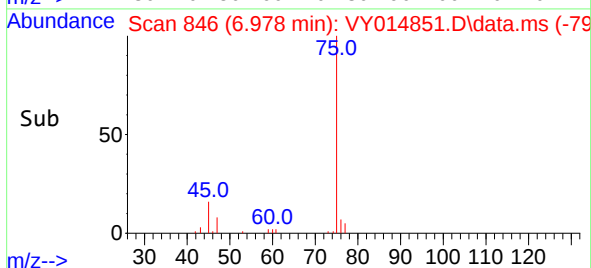
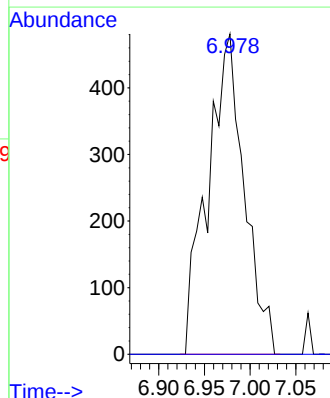
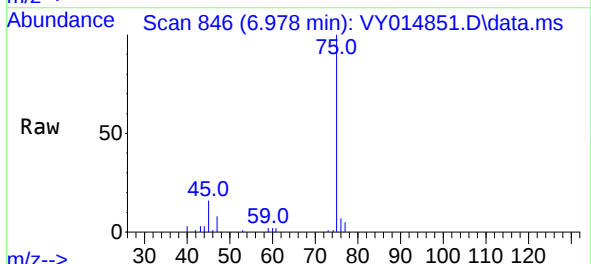
Acq: 26 Jul 2023 15:53

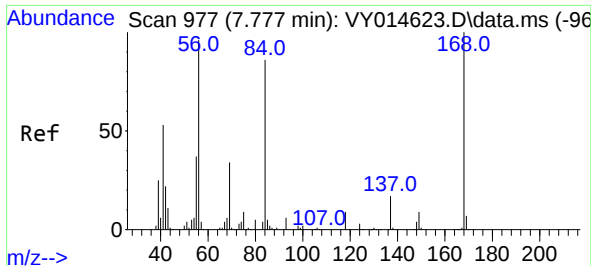
Tgt Ion: 77 Resp: 1341

Ion Ratio Lower Upper

77 100

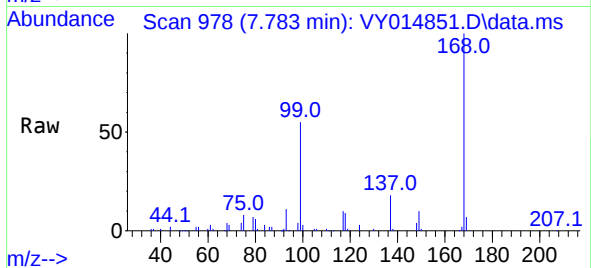
97 0.0 10.9 32.9#



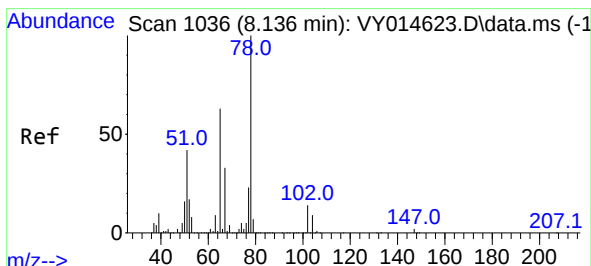
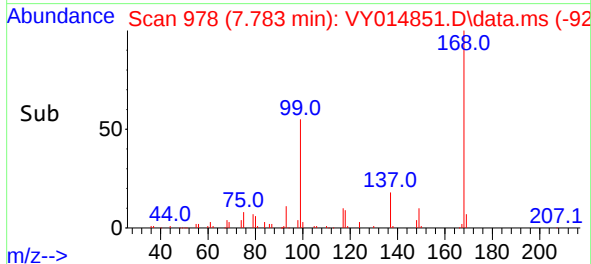
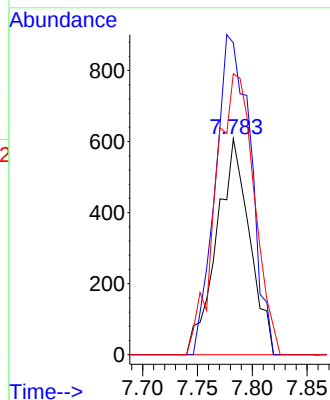


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

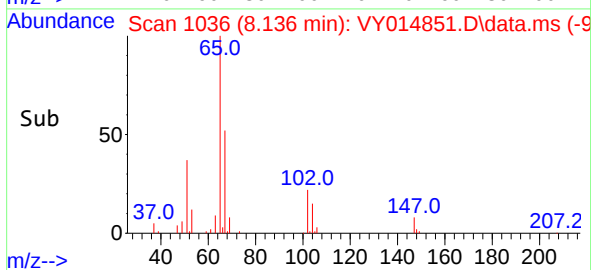
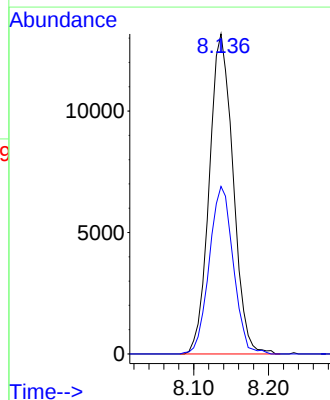
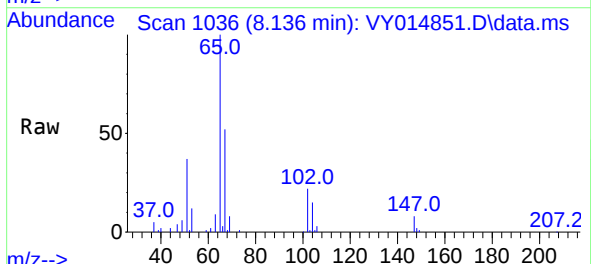


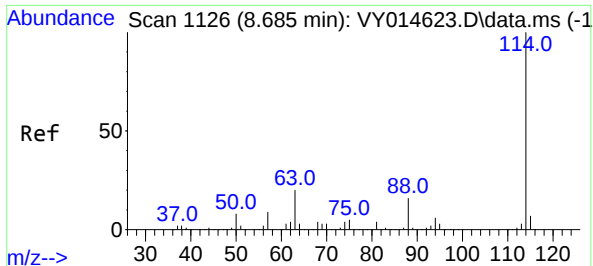
Tgt Ion: 56 Resp: 1274
Ion Ratio Lower Upper
56 100
69 144.4 27.8 41.6#
84 130.1 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 42.681 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Tgt Ion: 65 Resp: 29098
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8

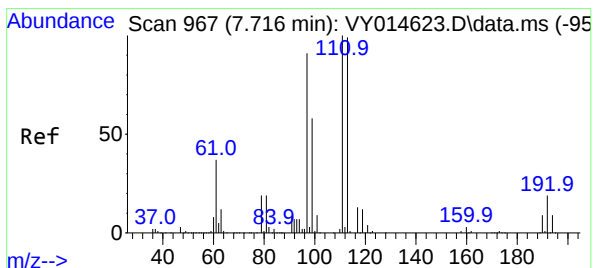
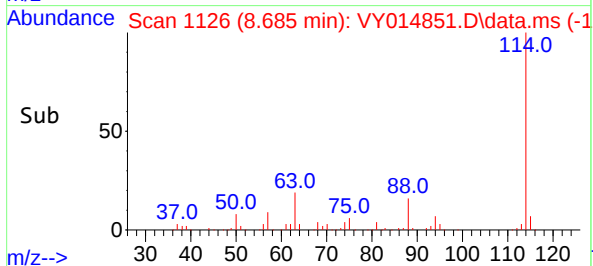
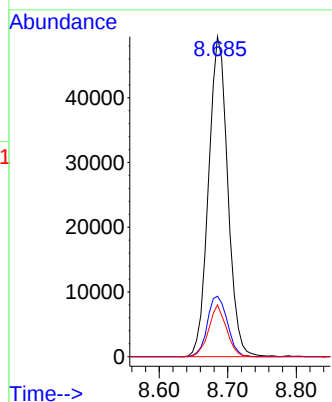
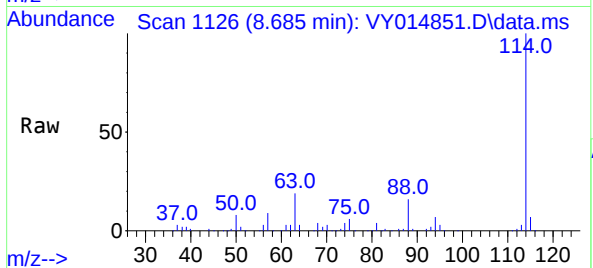




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

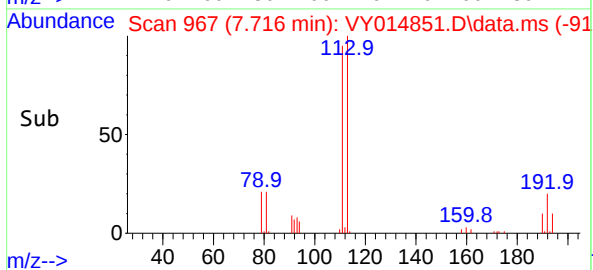
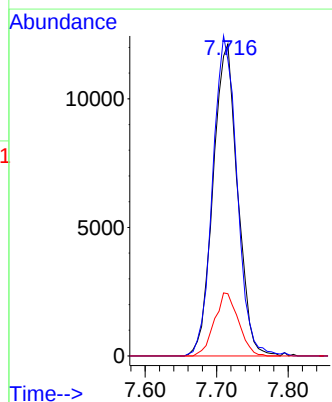
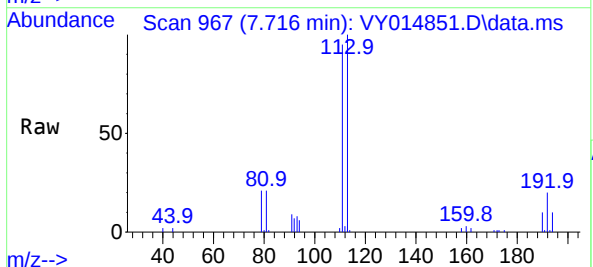
Instrument :
MSVOA_Y
ClientSampleId :

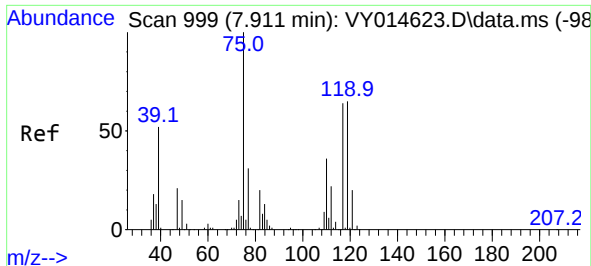
Tgt Ion:114	Resp:	96474
Ion Ratio	Lower	Upper
114	100	
63	18.9	0.0 42.4
88	16.2	0.0 30.6



#35
Dibromofluoromethane
Concen: 47.003 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

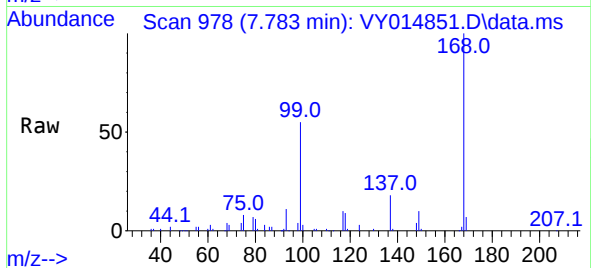
Tgt Ion:113	Resp:	28866
Ion Ratio	Lower	Upper
113	100	
111	102.0	81.3 121.9
192	19.8	16.9 25.3



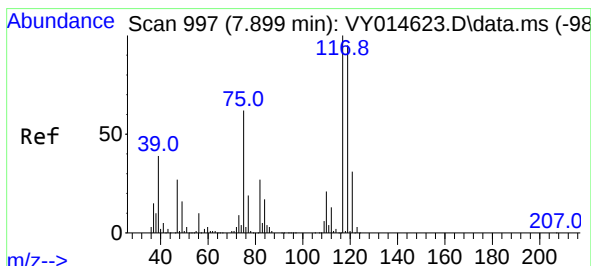
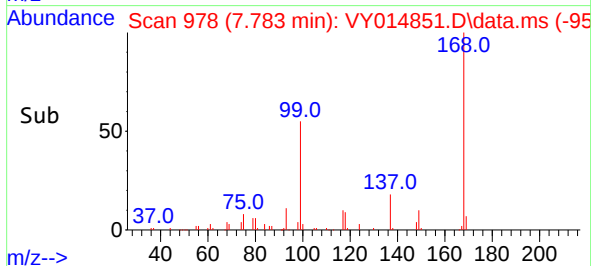
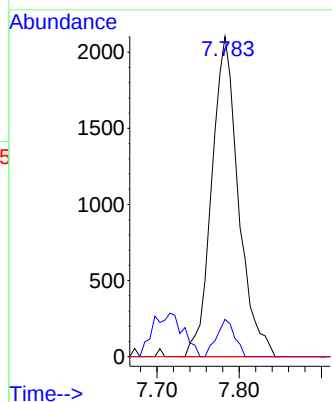


#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

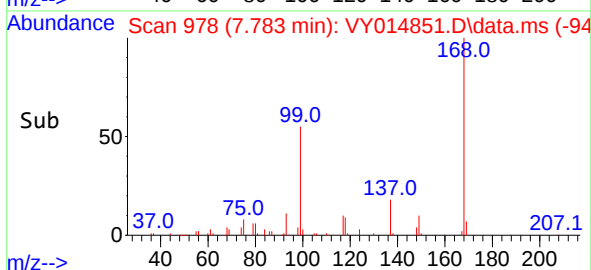
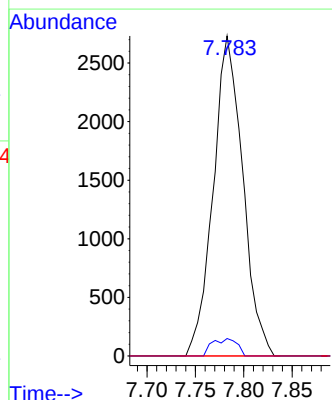
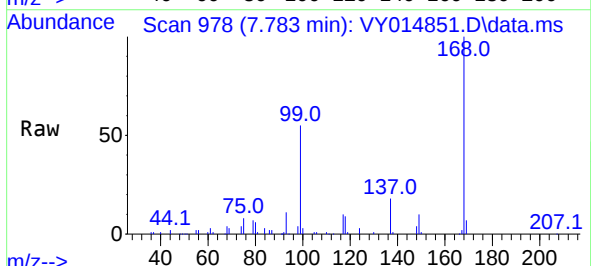


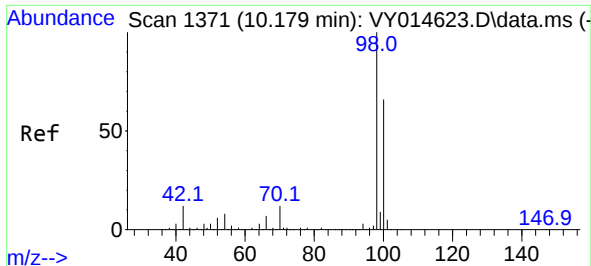
Tgt Ion: 75 Resp: 4744
Ion Ratio Lower Upper
75 100
110 7.8 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.971 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Tgt Ion: 117 Resp: 5797
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#

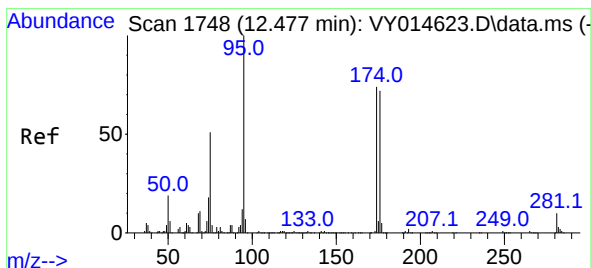
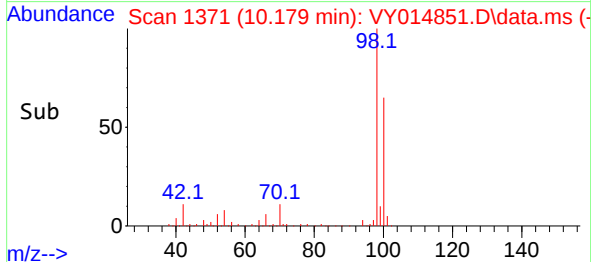
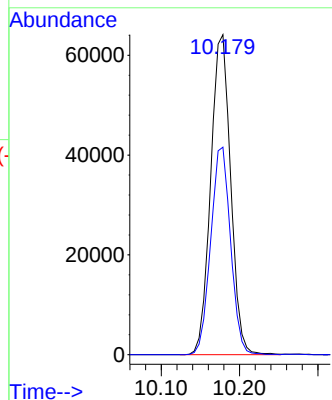
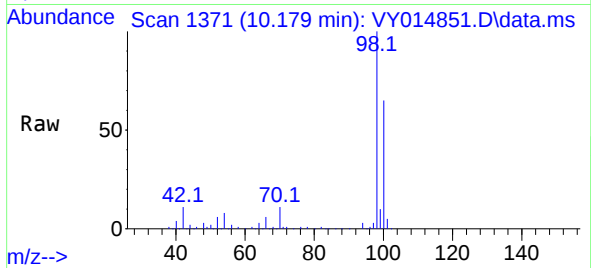




#50
Toluene-d8
Concen: 50.085 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

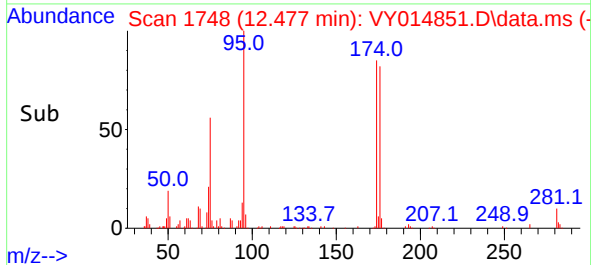
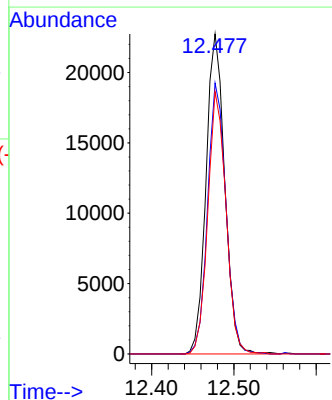
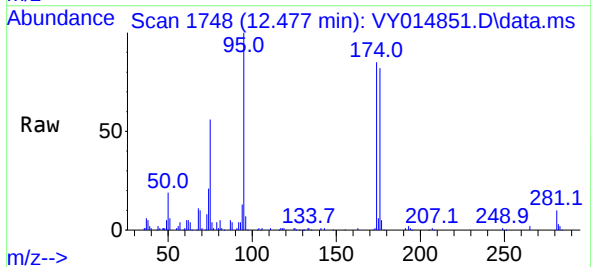
Instrument :
MSVOA_Y
ClientSampleId :

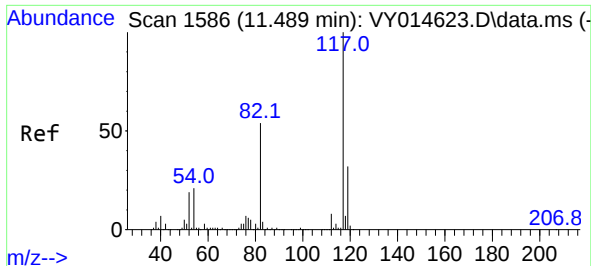
Tgt Ion: 98 Resp: 113401
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.434 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

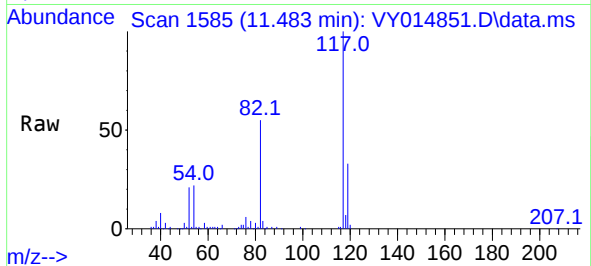
Tgt Ion: 95 Resp: 35972
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 79.5 0.0 173.8



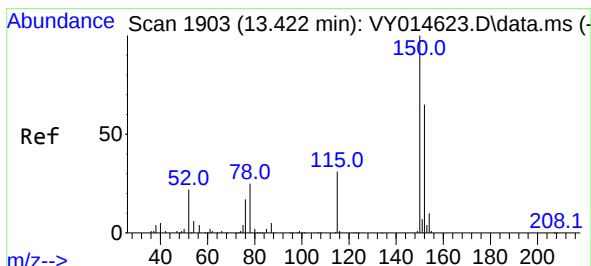
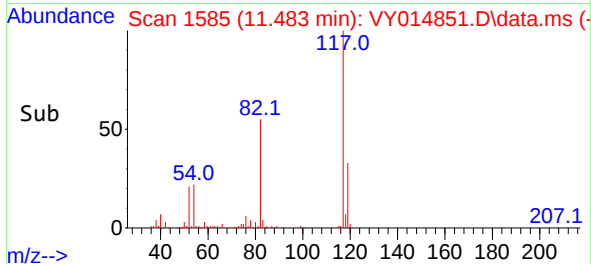
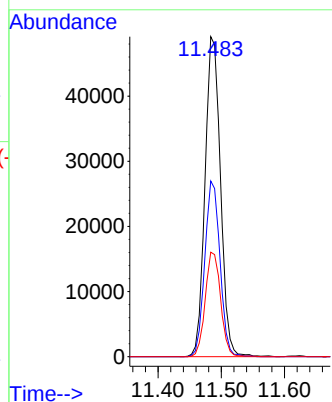


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

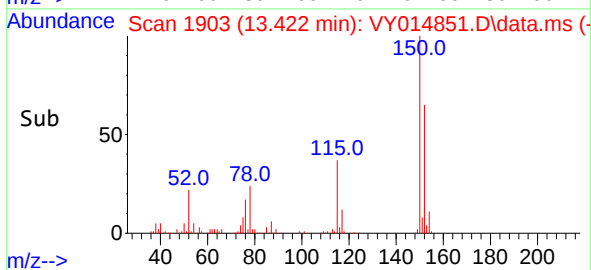
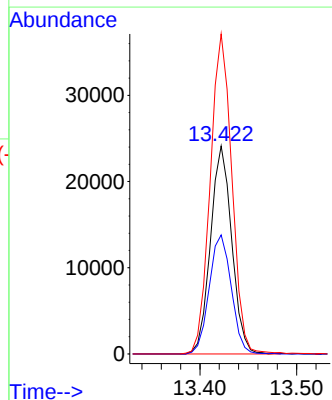
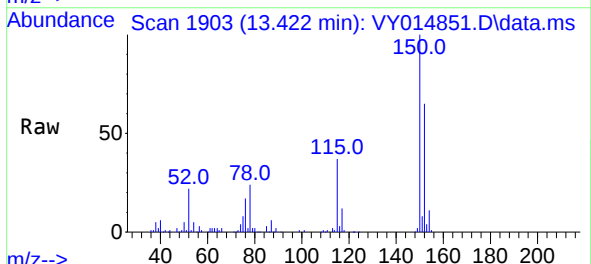


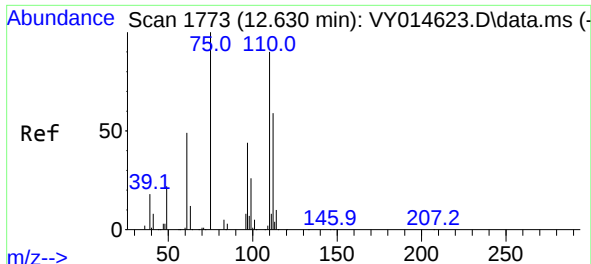
Tgt Ion:117 Resp: 83784
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Tgt Ion:152 Resp: 36907
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.5
150 156.7 0.0 348.8

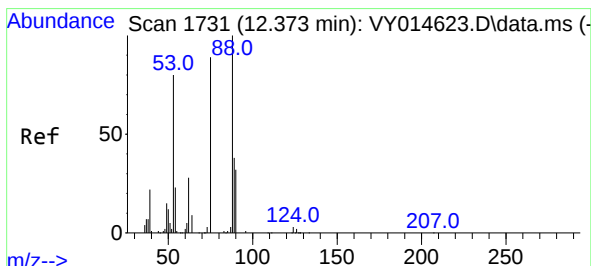
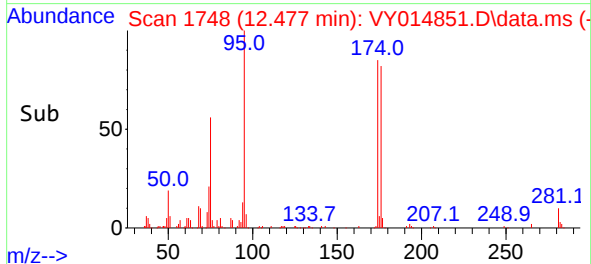
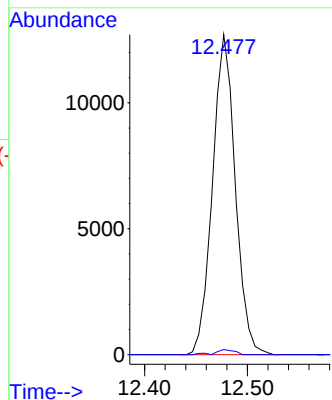
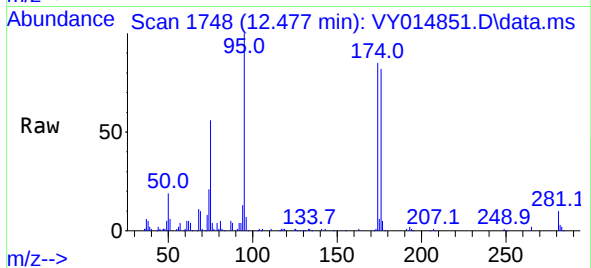




#76
1,2,3-Trichloropropane
Concen: 41.931 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19545
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.186 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014851.D
Acq: 26 Jul 2023 15:53

Tgt Ion: 75 Resp: 19545
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

