

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014894.D
 Acq On : 27 Jul 2023 19:56
 Operator : SY/MD
 Sample : 03686-15
 Misc : 3.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:39:44 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)

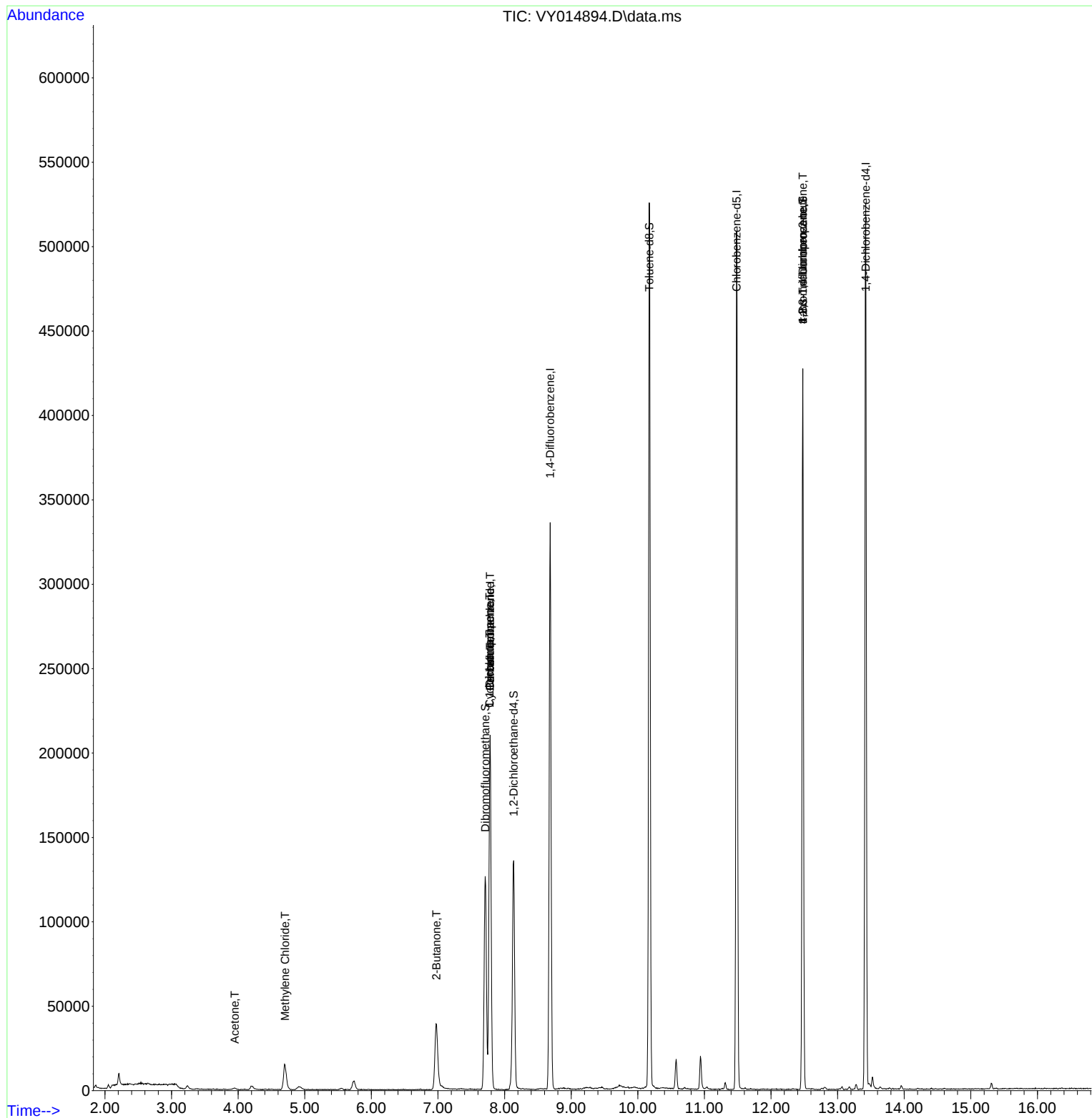
Internal Standards						
1) Pentafluorobenzene	7.783	168	160666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	277254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	103422	56.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.980%
35) Dibromofluoromethane	7.710	113	90842	49.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.173	98	340378	50.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.477	95	125245	48.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	1462	Below Cal	#	89
16) Acetone	3.948	43	1666	2.872	ug/l	92
20) Methylene Chloride	4.704	84	10881	1.693	ug/l	93
25) 2-Butanone	6.978	43	2423	2.855	ug/l	# 64
31) Cyclohexane	7.777	56	3442	1.133	ug/l	# 7
36) 1,1-Dichloropropene	7.777	75	12303	4.524	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	16580	5.768	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	67325	39.635	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	67325	76.741	ug/l	# 11

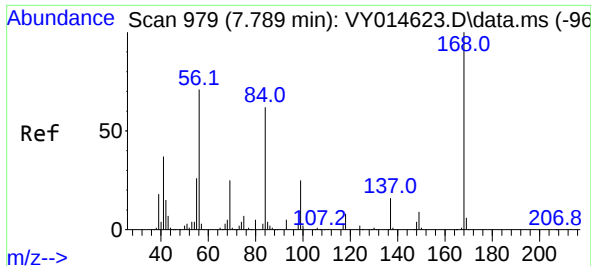
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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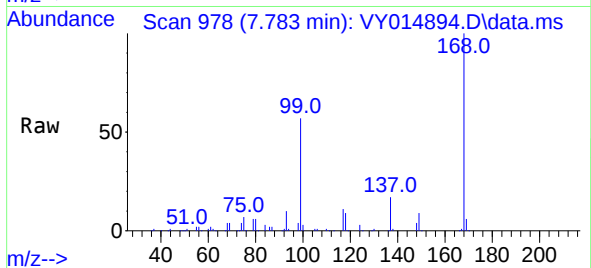
Quant Time: Jul 28 02:39:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
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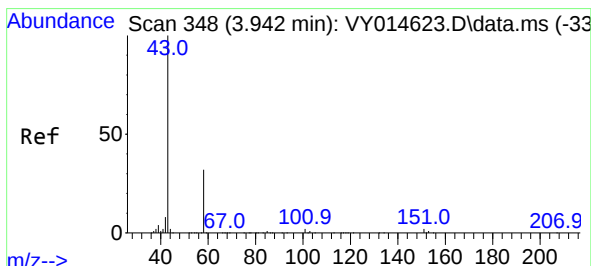
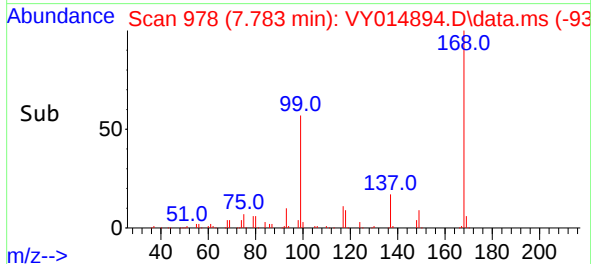
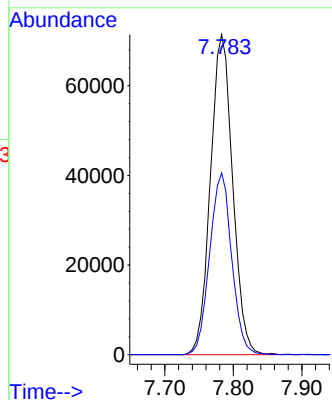


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :

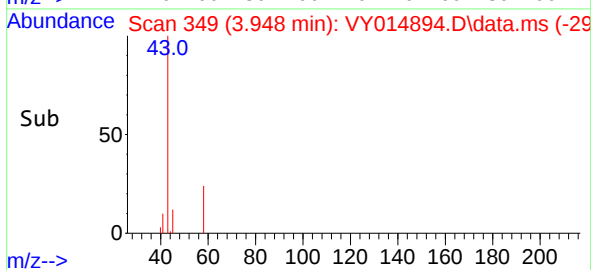
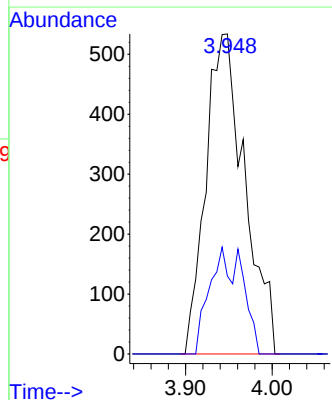
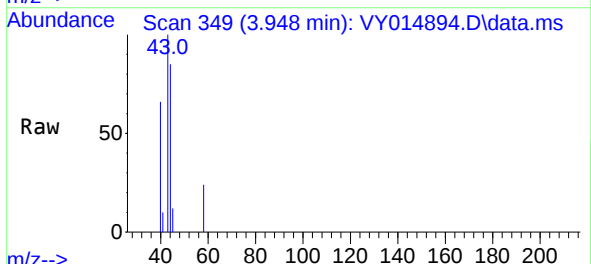


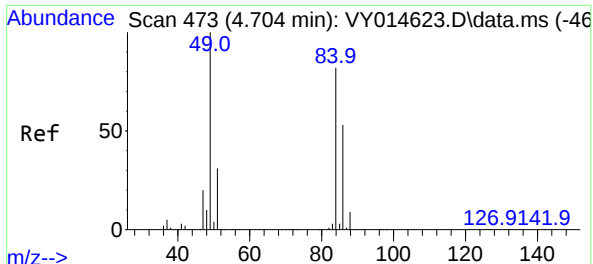
Tgt Ion:168 Resp: 160666
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#16
Acetone
Concen: 2.872 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

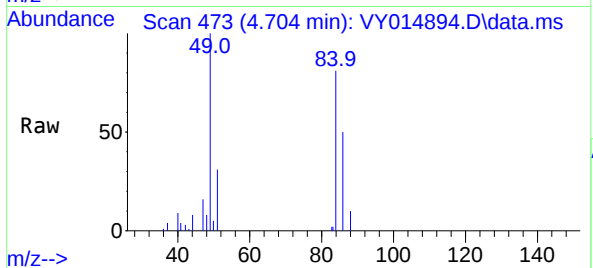
Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
58 24.3 22.7 34.1



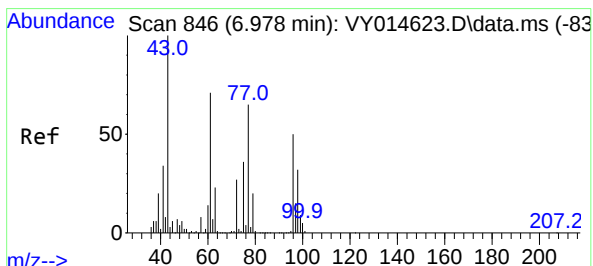
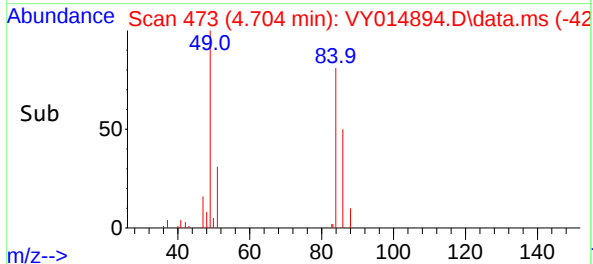
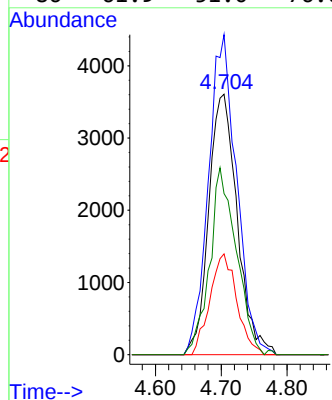


#20
Methylene Chloride
Concen: 1.693 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :

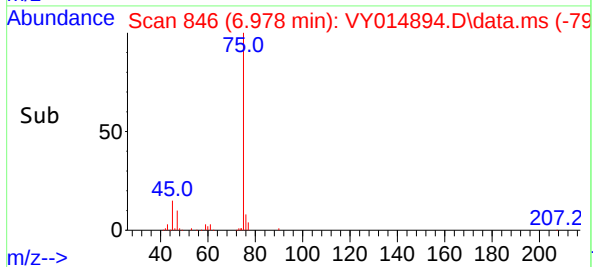
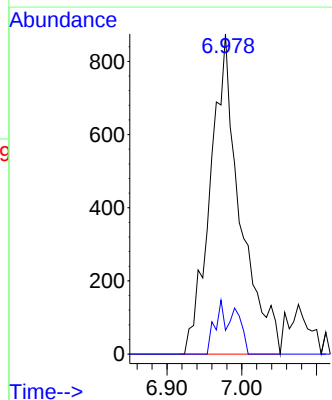
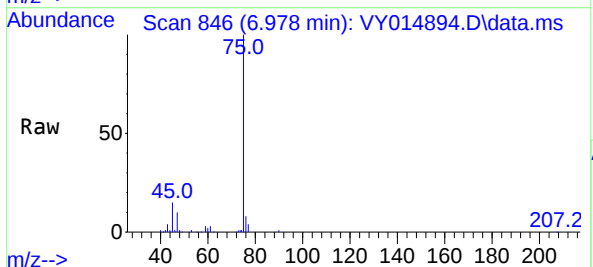


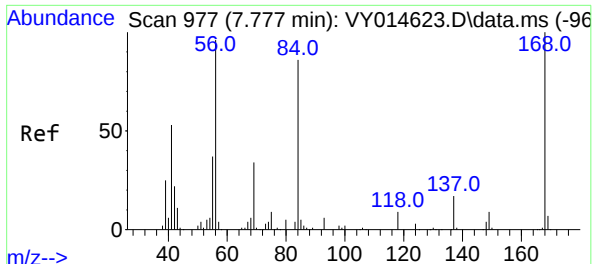
Tgt Ion: 84 Resp: 10881
Ion Ratio Lower Upper
84 100
49 122.8 106.9 160.3
51 38.7 33.2 49.8
86 61.9 51.0 76.6



#25
2-Butanone
Concen: 2.855 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

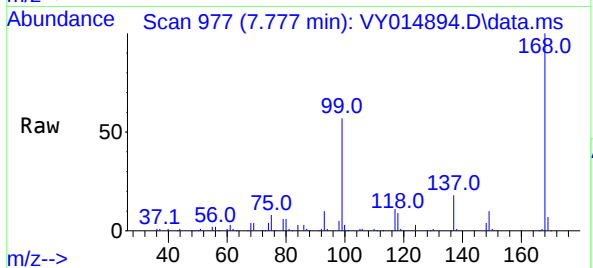
Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
72 7.4 20.5 30.7#



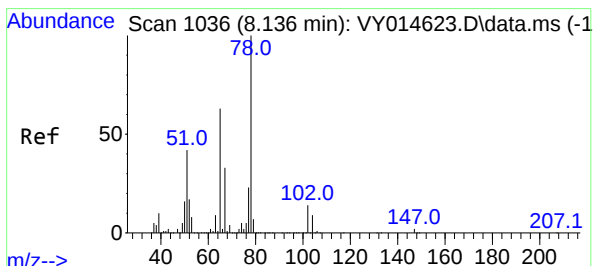
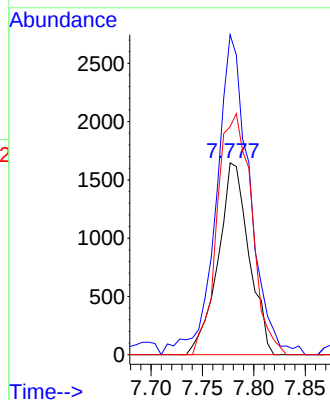
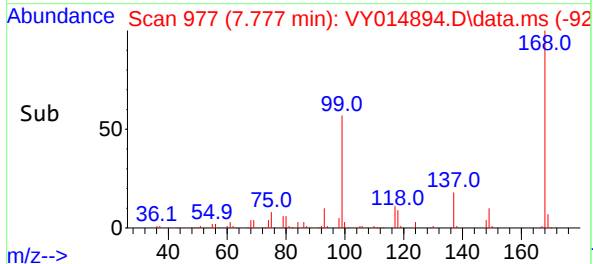


#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :

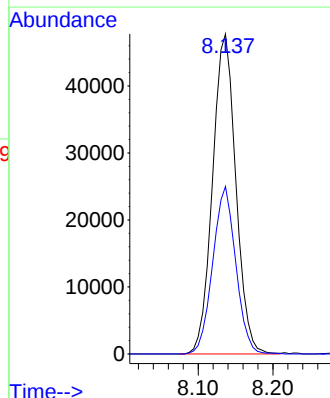
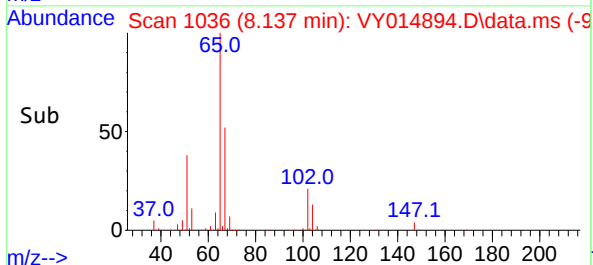
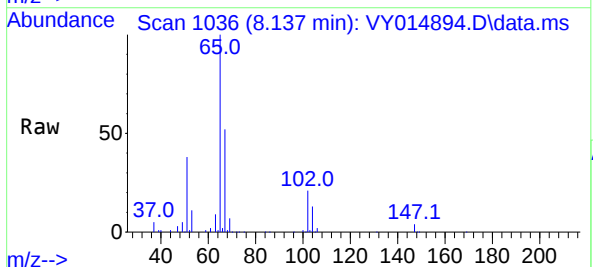


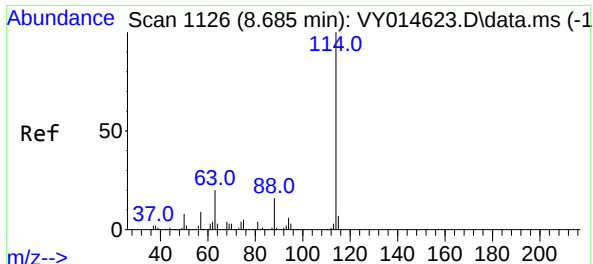
Tgt Ion: 56 Resp: 3442
Ion Ratio Lower Upper
56 100
69 162.3 27.8 41.6#
84 118.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.488 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 65 Resp: 103422
Ion Ratio Lower Upper
65 100
67 51.7 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: VY014894.D

Acq: 27 Jul 2023 19:56

Instrument :

MSVOA_Y

ClientSampleId :

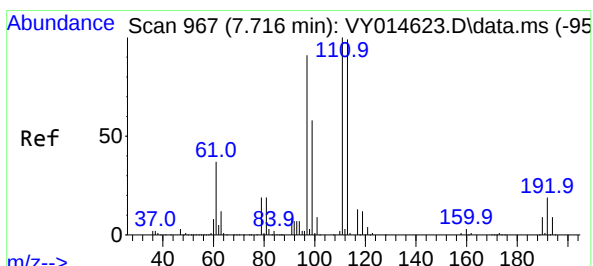
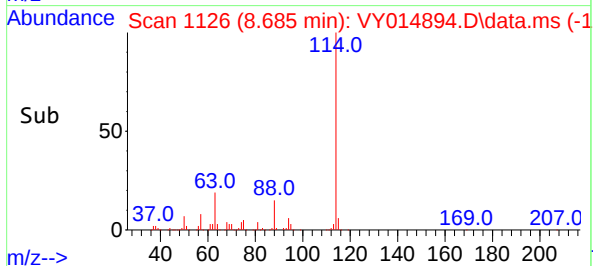
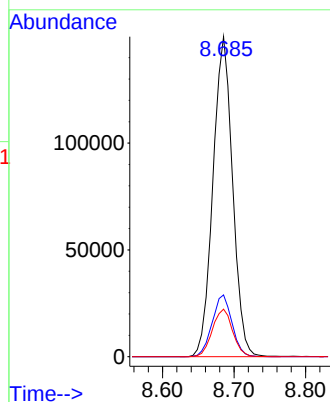
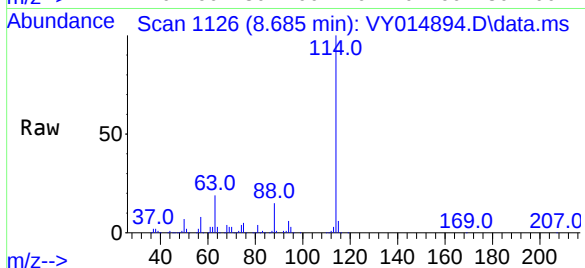
Tgt Ion:114 Resp: 285645

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.959 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014894.D

Acq: 27 Jul 2023 19:56

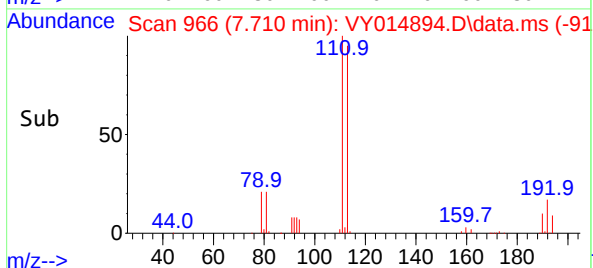
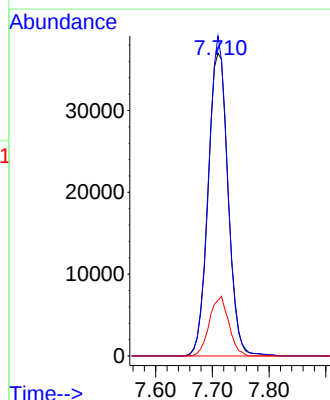
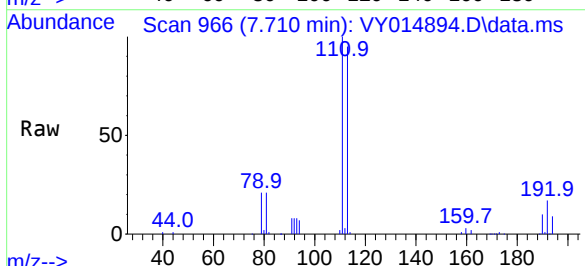
Tgt Ion:113 Resp: 90842

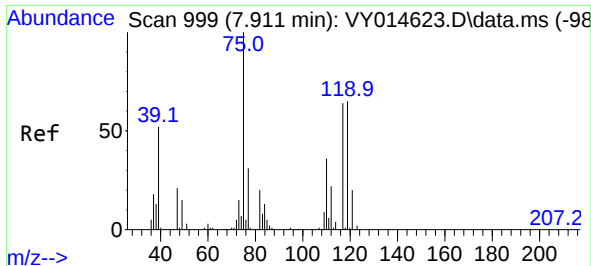
Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

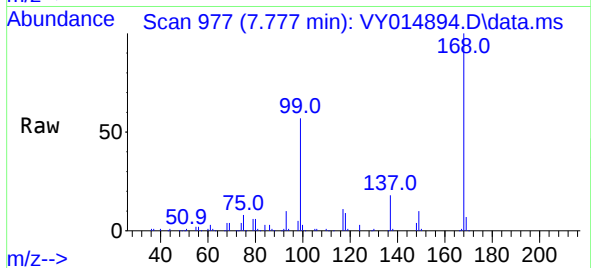
192 19.0 16.9 25.3



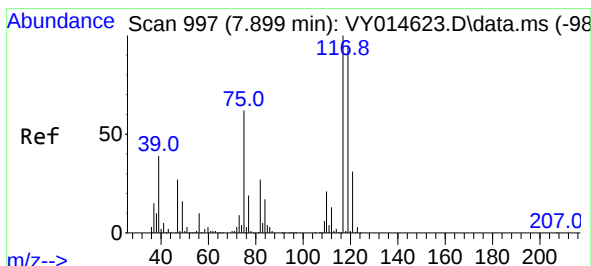
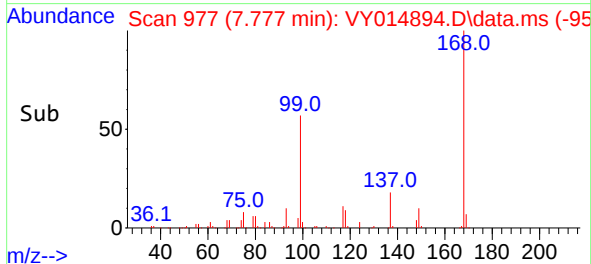
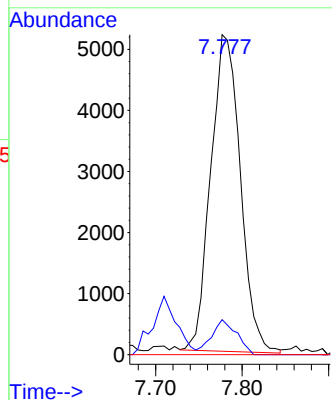


#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :

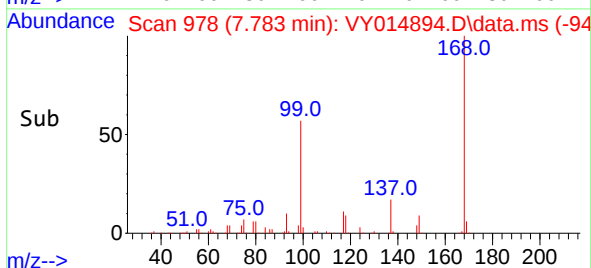
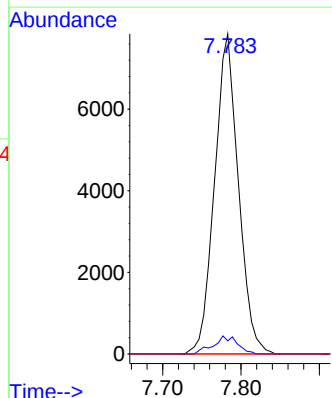
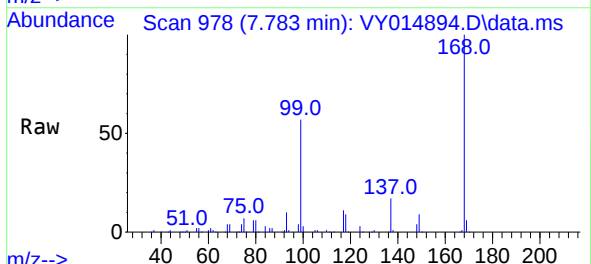


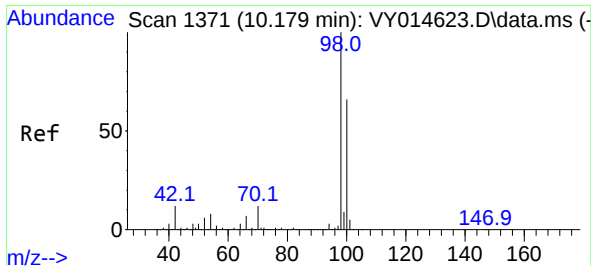
Tgt Ion: 75 Resp: 12303
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.768 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 117 Resp: 16580
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#

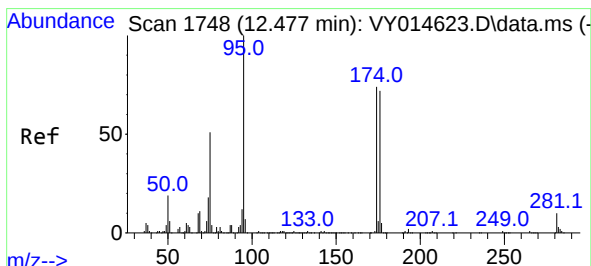
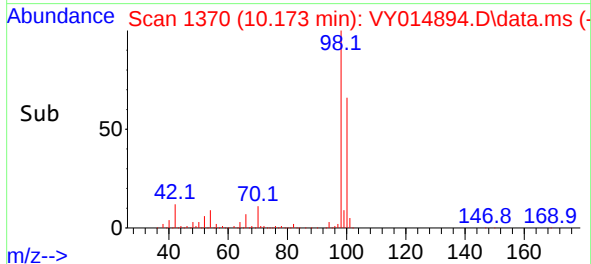
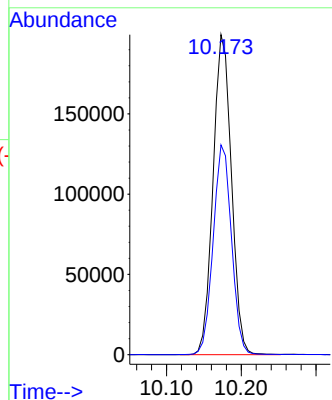
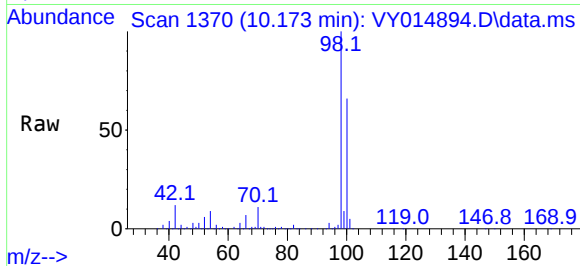




#50
Toluene-d8
Concen: 50.773 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

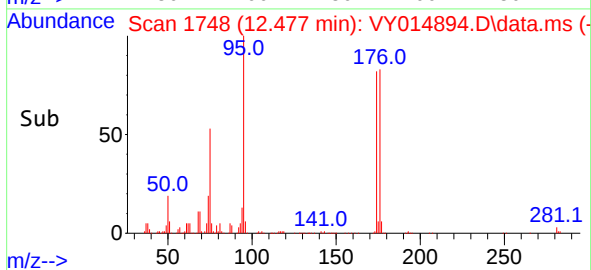
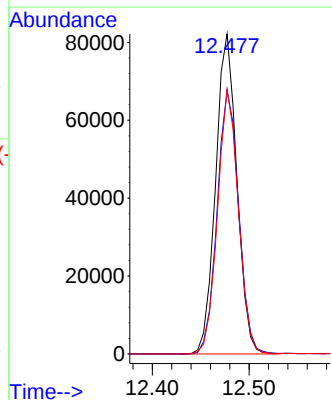
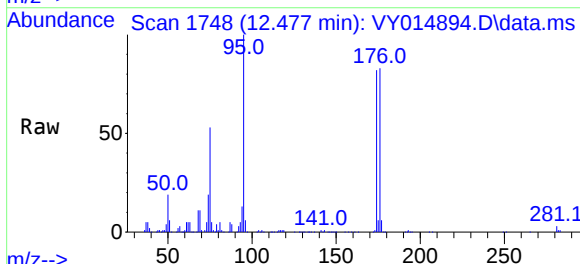
Instrument :
MSVOA_Y
ClientSampleId :

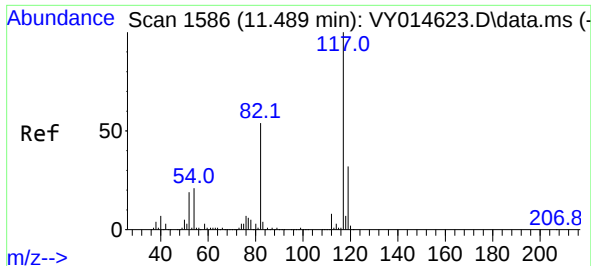
Tgt Ion: 98 Resp: 340378
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

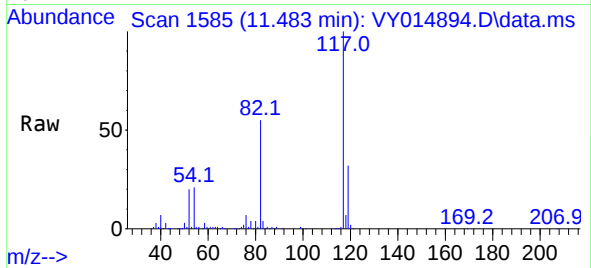
Tgt Ion: 95 Resp: 125245
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.9 0.0 173.8



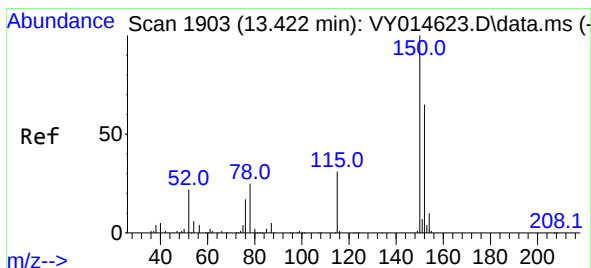
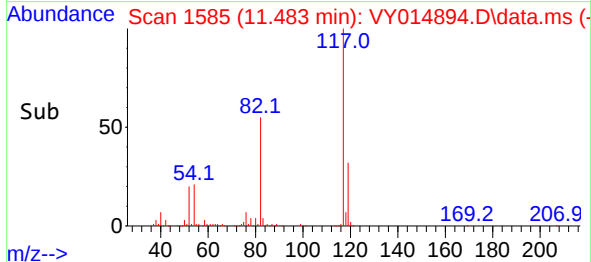
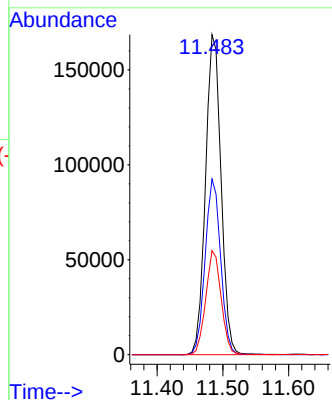


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :

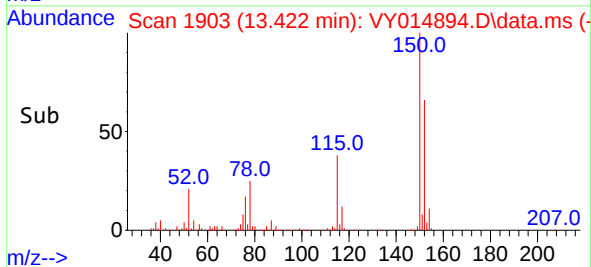
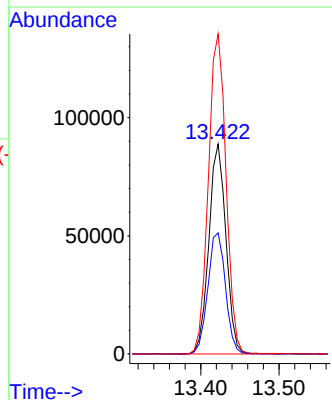
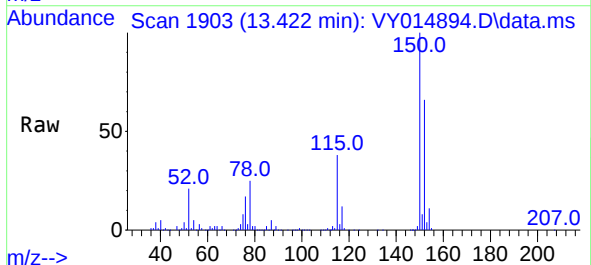


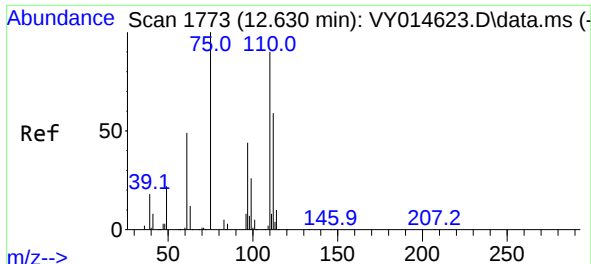
Tgt Ion:117 Resp: 277254
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Tgt Ion:152 Resp: 134494
Ion Ratio Lower Upper
152 100
115 59.5 28.8 86.5
150 157.5 0.0 348.8

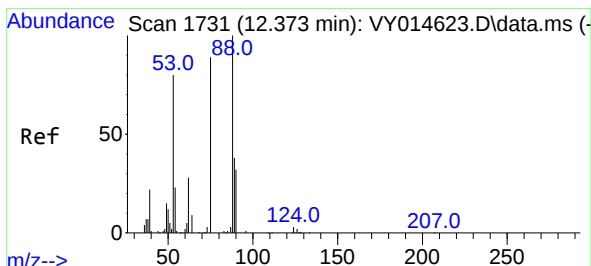
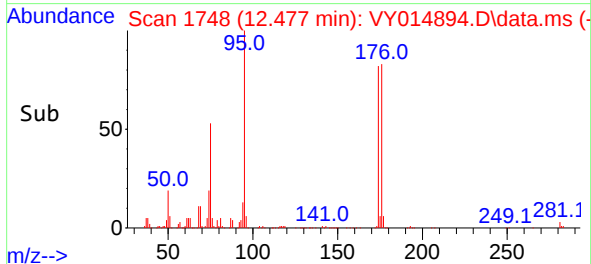
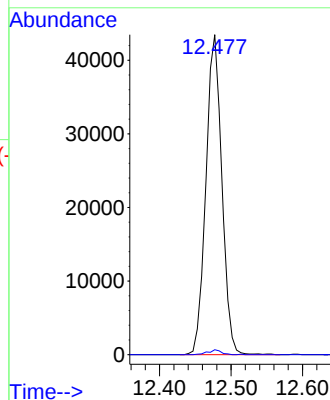
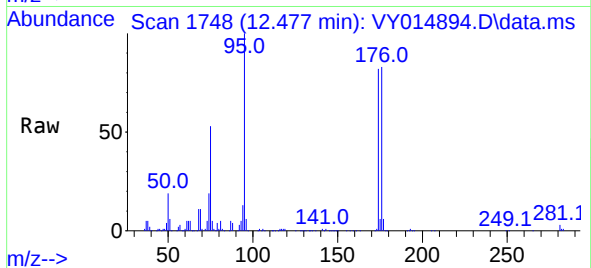




#76
1,2,3-Trichloropropane
Concen: 39.635 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 67325
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.741 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 75 Resp: 67325
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

