

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014883.D
 Acq On : 27 Jul 2023 15:31
 Operator : SY/MD
 Sample : 03756-05
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 28 02:38:12 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)

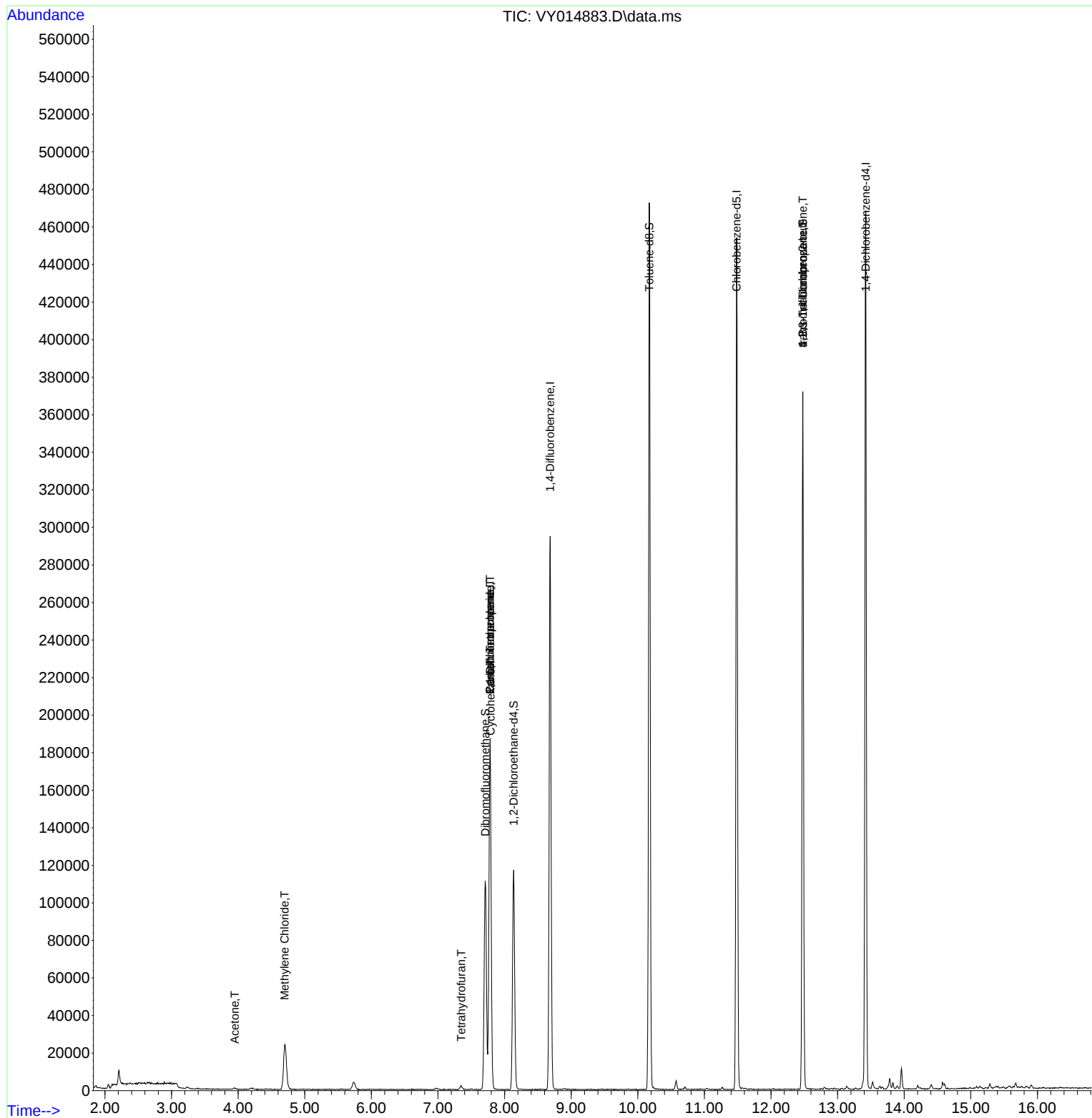
Internal Standards						
1) Pentafluorobenzene	7.783	168	144171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	245075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91765	55.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.720%
35) Dibromofluoromethane	7.710	113	80357	49.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.173	98	301637	50.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.477	95	110903	48.485	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.980%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.930	59	223	Below Cal	#	89
16) Acetone	3.948	43	1378	2.647	ug/l	95
20) Methylene Chloride	4.698	84	18793	7.525	ug/l	90
29) Tetrahydrofuran	7.350	42	1333	2.842	ug/l	# 90
31) Cyclohexane	7.789	56	3062	1.123	ug/l	# 3
36) 1,1-Dichloropropene	7.783	75	11117	4.594	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	14267	5.578	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	59727	40.760	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	59727	78.919	ug/l	# 11

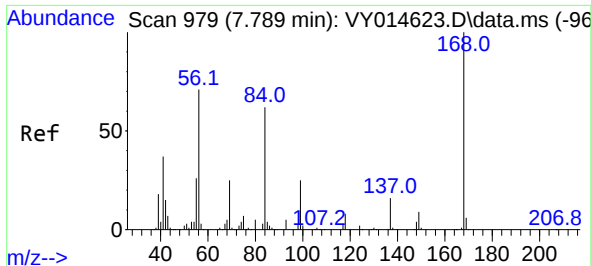
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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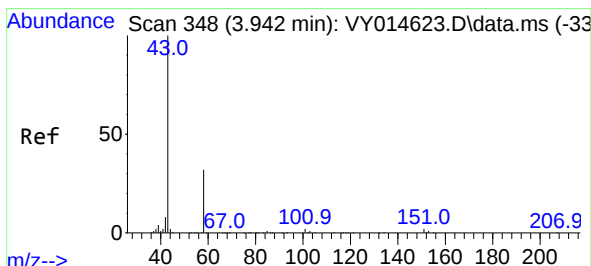
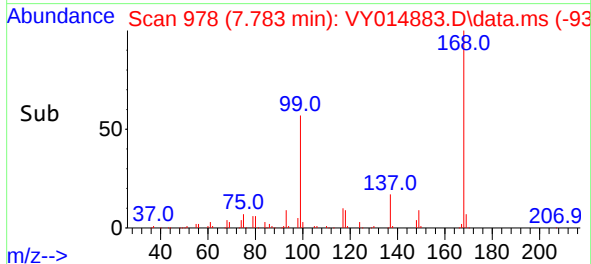
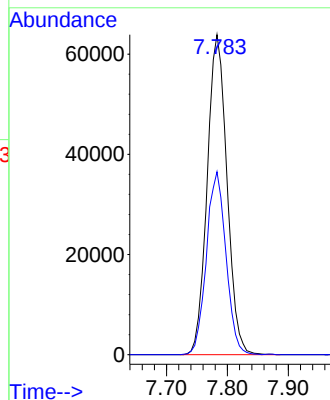
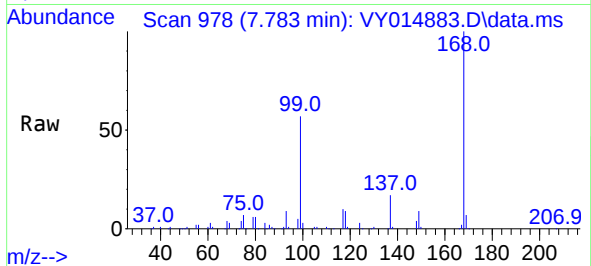




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

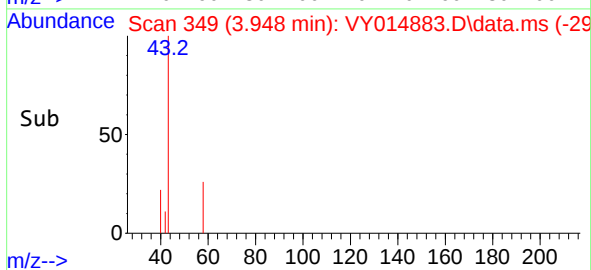
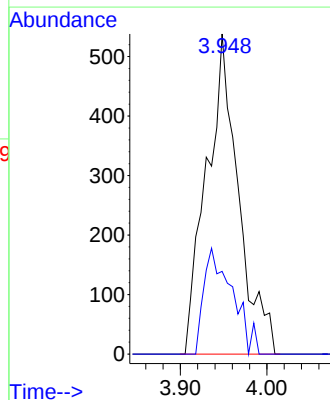
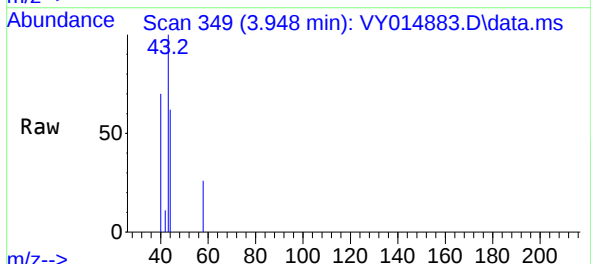
Instrument :
MSVOA_Y
ClientSampleId :

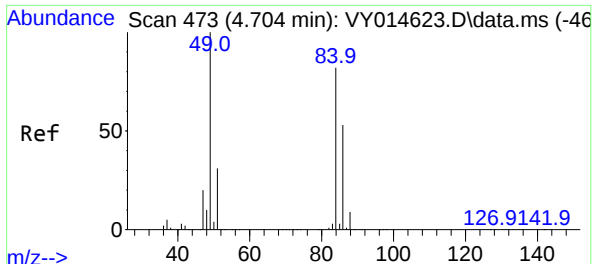
Tgt Ion:168 Resp: 144171
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#16
Acetone
Concen: 2.647 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

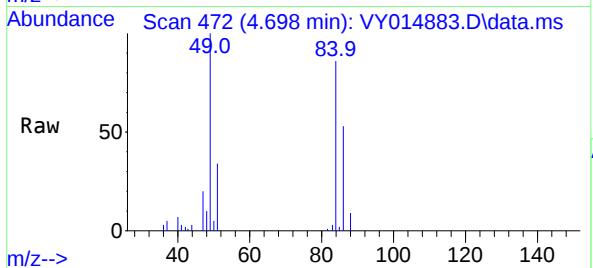
Tgt Ion: 43 Resp: 1378
Ion Ratio Lower Upper
43 100
58 25.8 22.7 34.1





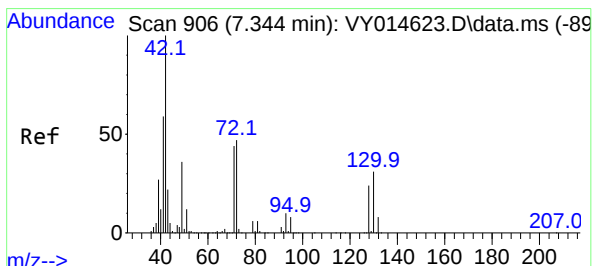
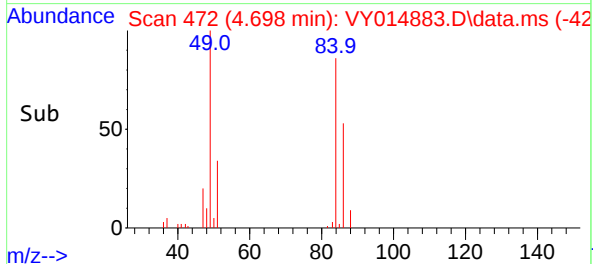
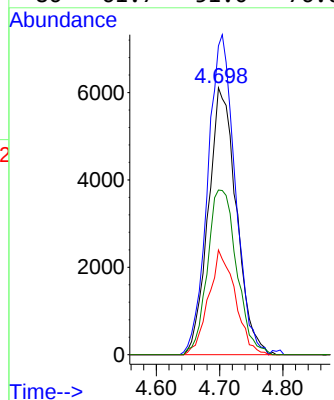
#20
Methylene Chloride
Concen: 7.525 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 18793

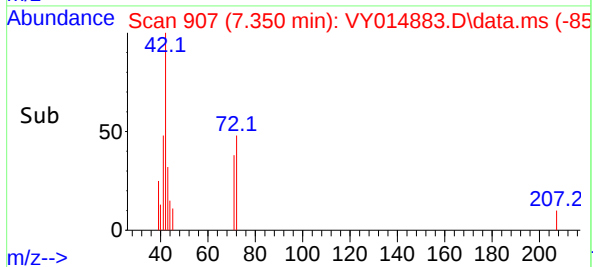
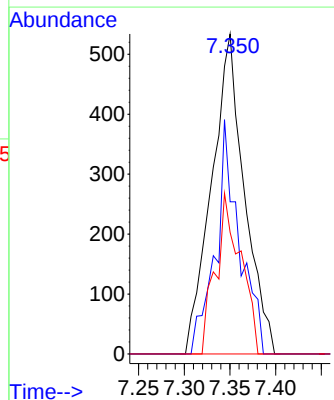
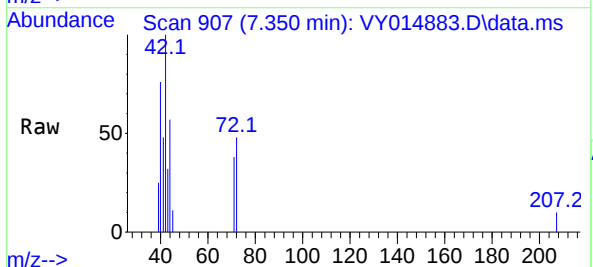
Ion	Ratio	Lower	Upper
84	100		
49	115.7	106.9	160.3
51	39.2	33.2	49.8
86	61.7	51.0	76.6

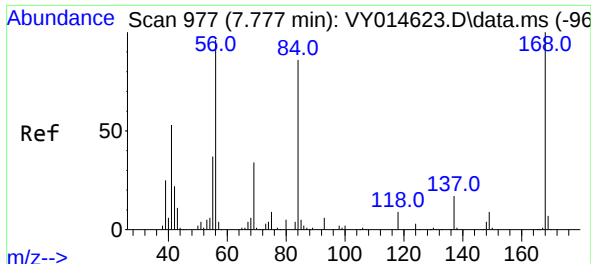


#29
Tetrahydrofuran
Concen: 2.842 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Tgt Ion: 42 Resp: 1333

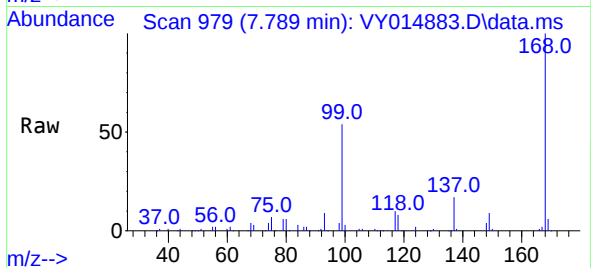
Ion	Ratio	Lower	Upper
42	100		
72	52.8	32.8	49.2#
71	38.2	31.0	46.4



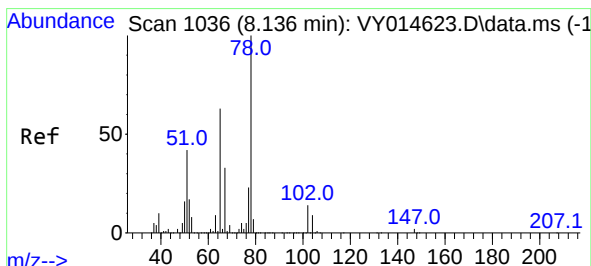
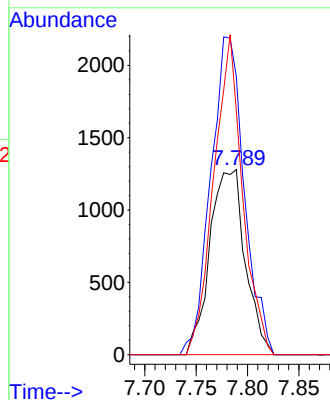
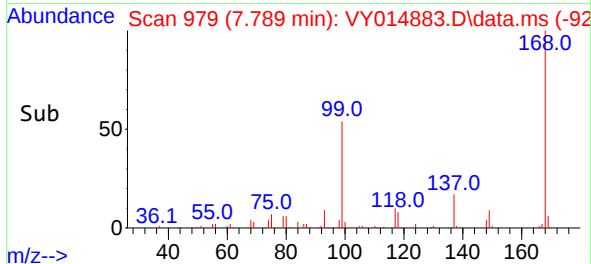


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

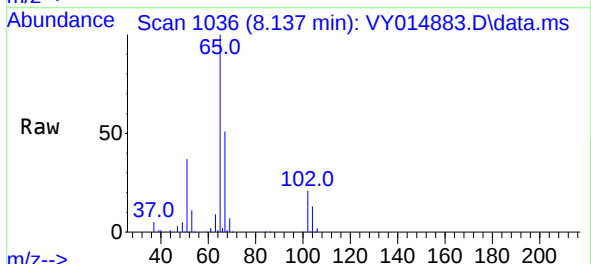
Instrument :
MSVOA_Y
ClientSampleId :



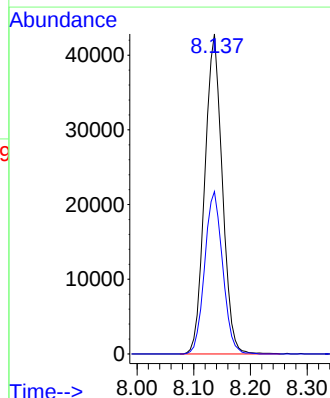
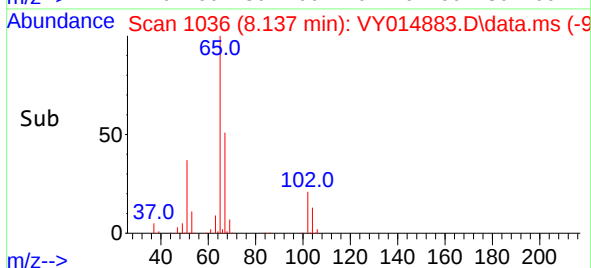
Tgt Ion: 56 Resp: 3062
Ion Ratio Lower Upper
56 100
69 150.1 27.8 41.6#
84 131.6 66.4 99.6#

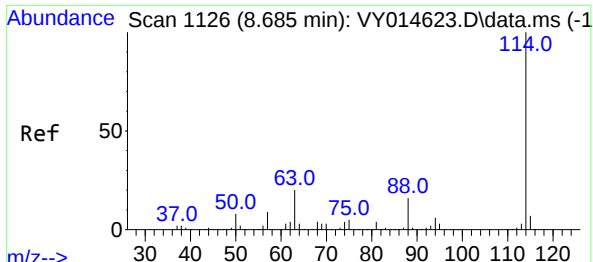


#33
1,2-Dichloroethane-d4
Concen: 55.856 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31



Tgt Ion: 65 Resp: 91765
Ion Ratio Lower Upper
65 100
67 52.1 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: VY014883.D

Acq: 27 Jul 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

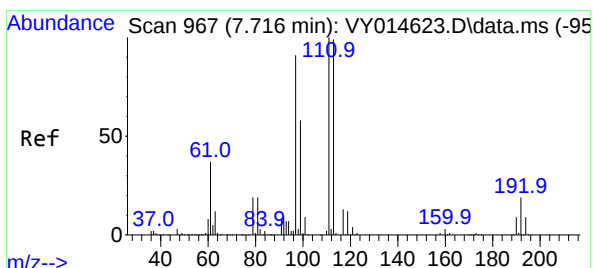
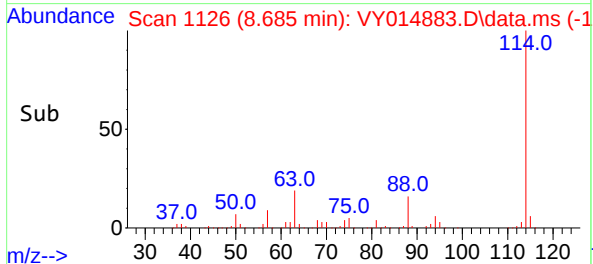
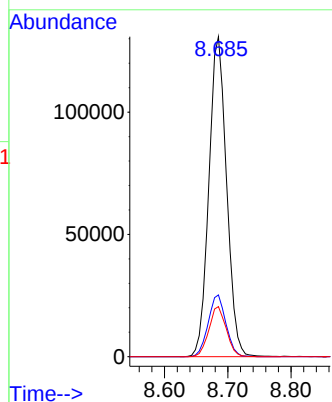
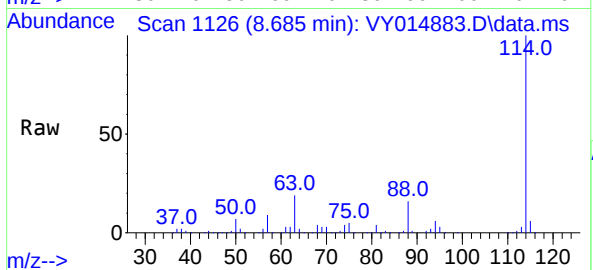
Tgt Ion:114 Resp: 254179

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.663 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014883.D

Acq: 27 Jul 2023 15:31

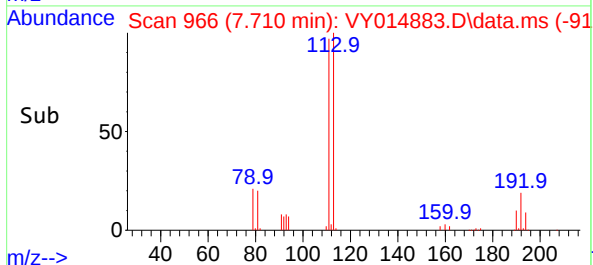
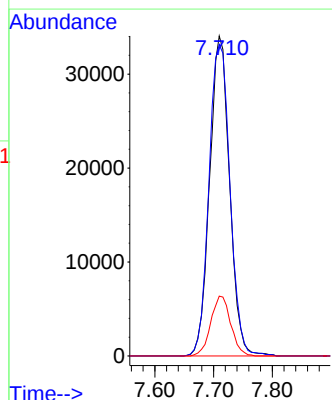
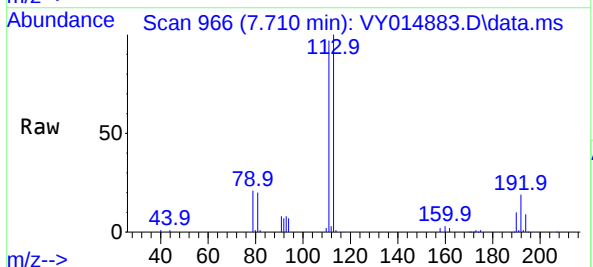
Tgt Ion:113 Resp: 80357

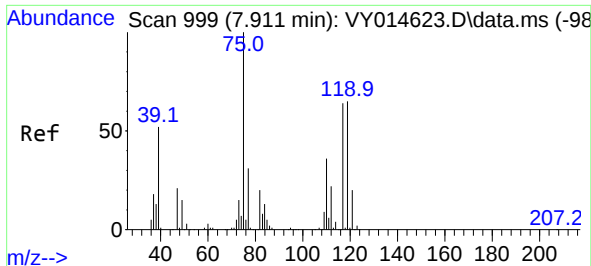
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 18.7 16.9 25.3

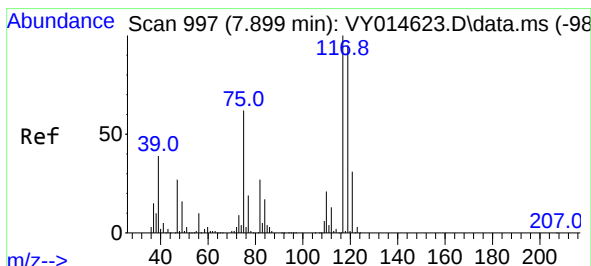
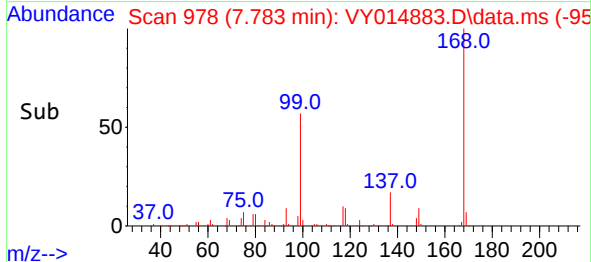
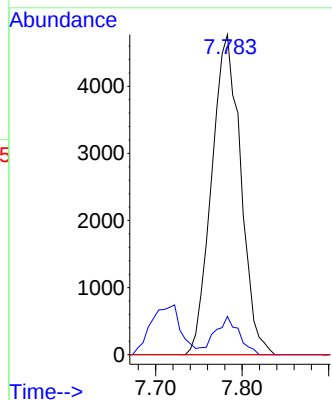
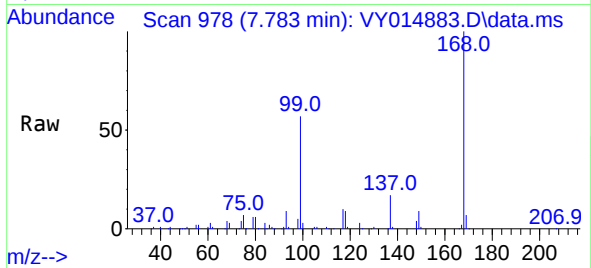




#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

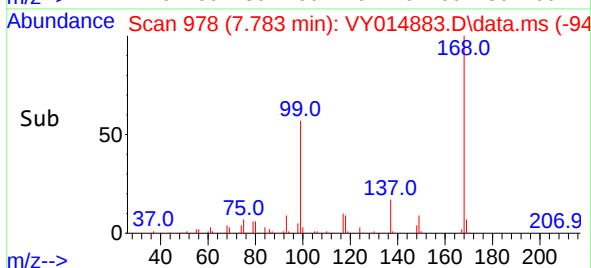
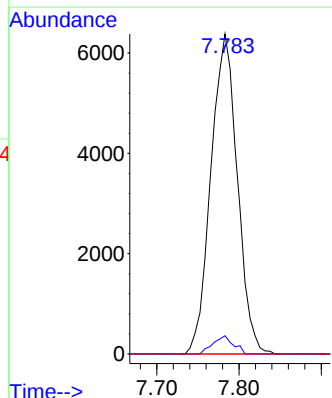
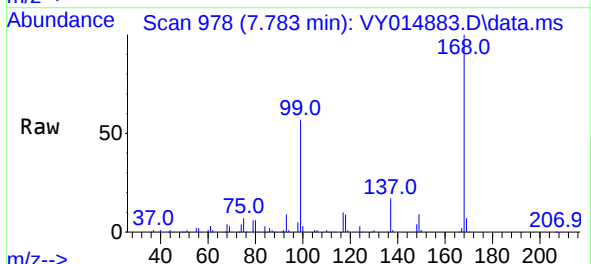
Instrument :
MSVOA_Y
ClientSampleId :

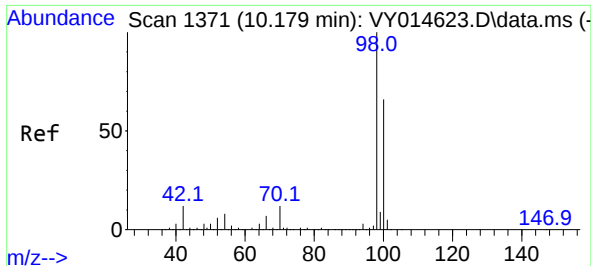
Tgt Ion: 75 Resp: 11117
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.578 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Tgt Ion: 117 Resp: 14267
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#

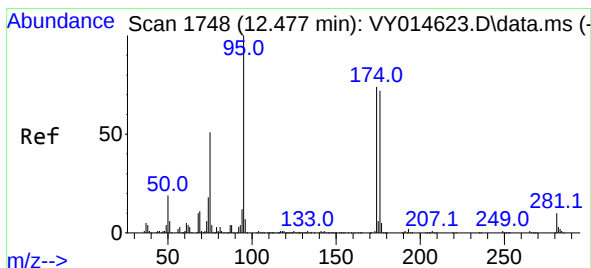
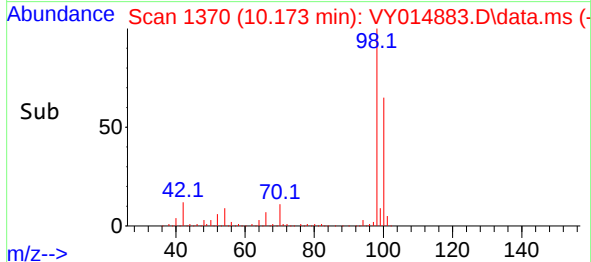
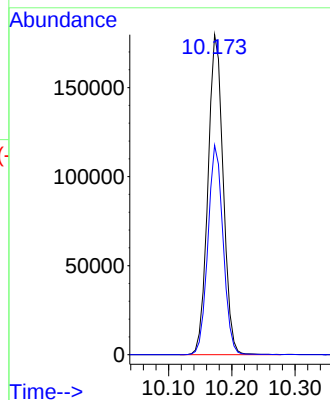
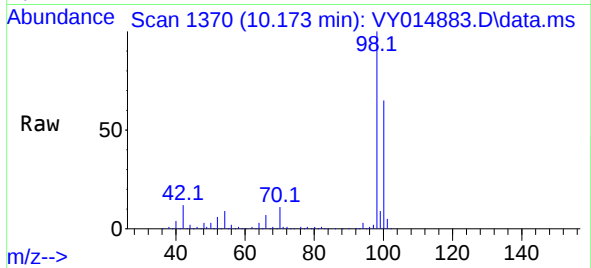




#50
Toluene-d8
Concen: 50.565 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

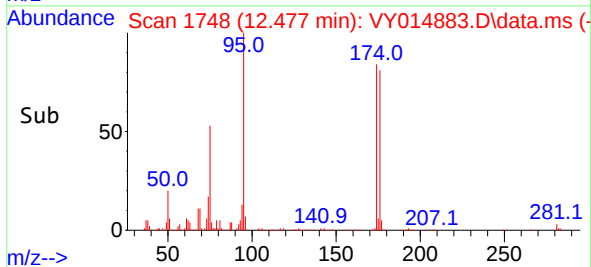
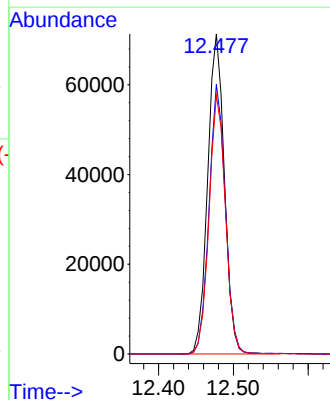
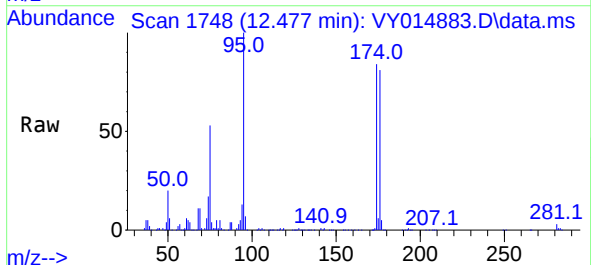
Instrument :
MSVOA_Y
ClientSampleId :

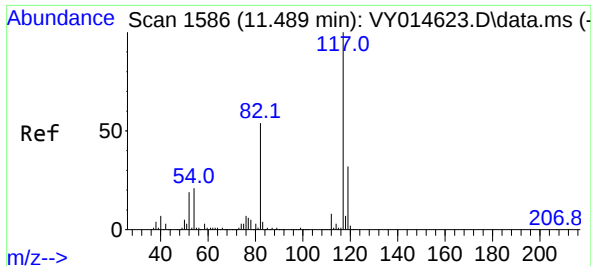
Tgt Ion: 98 Resp: 301637
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Tgt Ion: 95 Resp: 110903
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 79.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

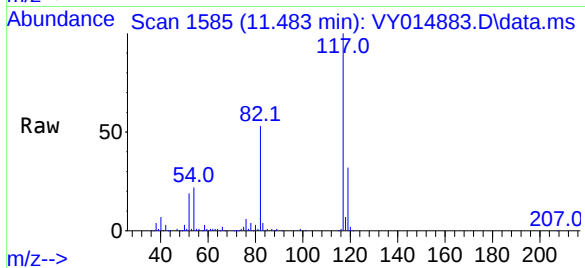
Lab File: VY014883.D

Acq: 27 Jul 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :



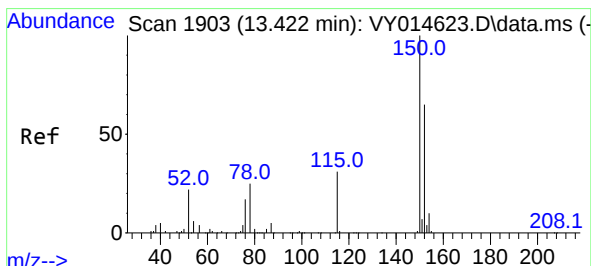
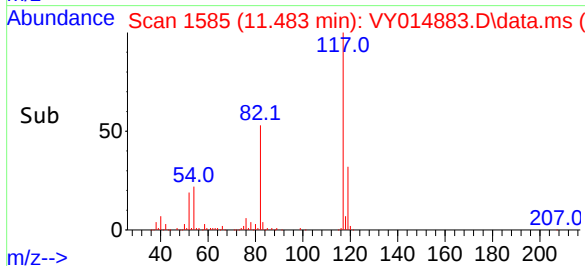
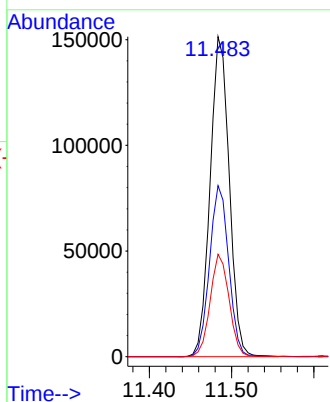
Tgt Ion:117 Resp: 245075

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.0 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: VY014883.D

Acq: 27 Jul 2023 15:31

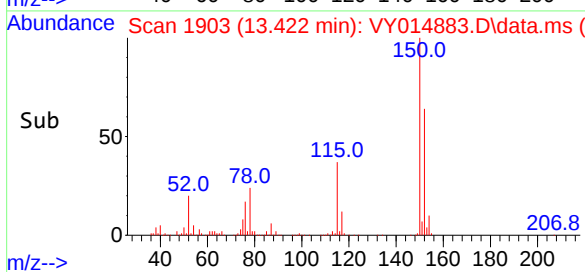
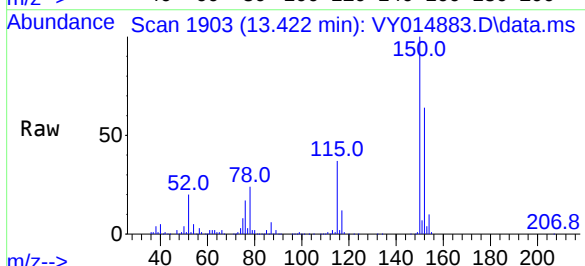
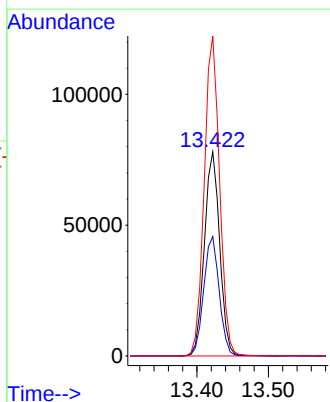
Tgt Ion:152 Resp: 116022

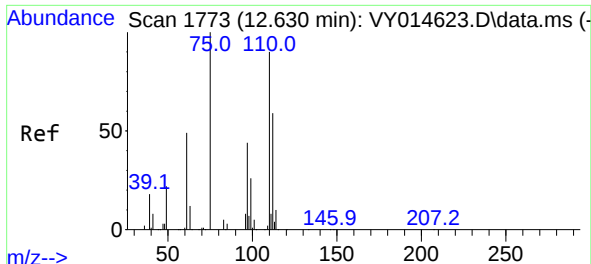
Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 157.3 0.0 348.8

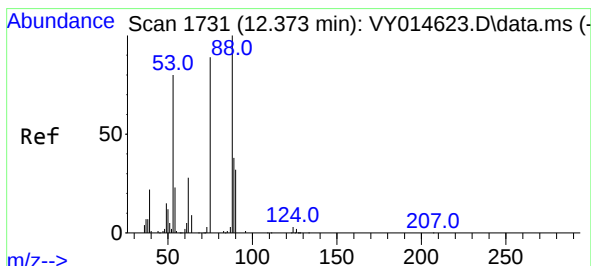
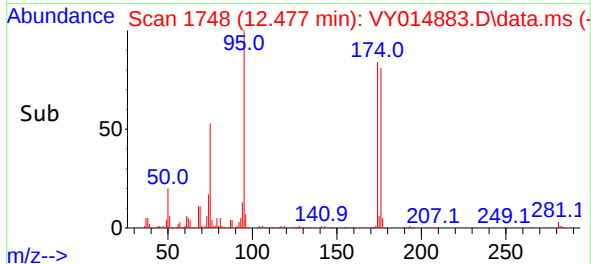
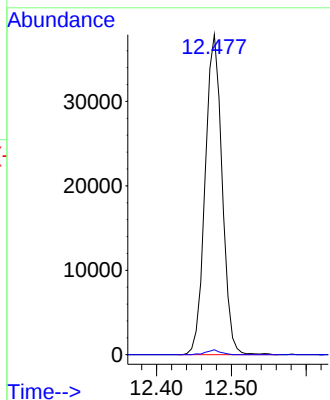
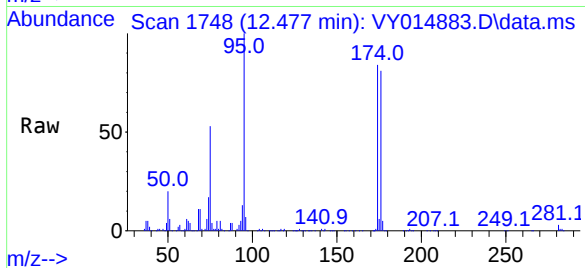




#76
1,2,3-Trichloropropane
Concen: 40.760 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59727
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.919 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Tgt Ion: 75 Resp: 59727
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

