

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015673.D
 Acq On : 21 Sep 2023 16:23
 Operator : SY/MD
 Sample : 04567-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 01:21:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

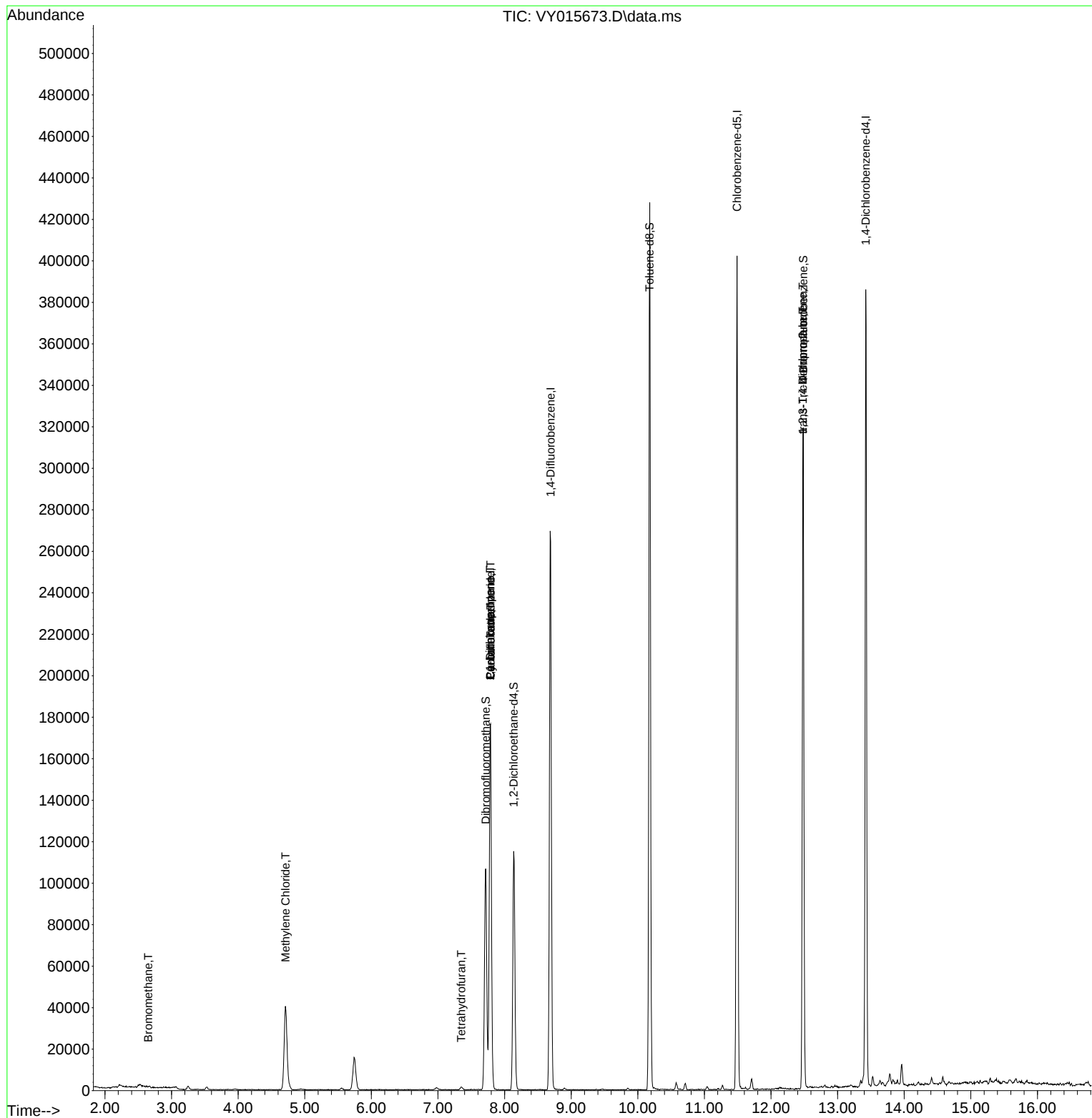
Internal Standards						
1) Pentafluorobenzene	7.789	168	137576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89338	59.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.040%	
35) Dibromofluoromethane	7.716	113	75371	53.236	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.480%	
50) Toluene-d8	10.179	98	276704	57.642	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.280%	
62) 4-Bromofluorobenzene	12.483	95	93797	49.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	223	2.720	ug/l #	63
11) Tert butyl alcohol	4.948	59	511	Below Cal	#	89
20) Methylene Chloride	4.710	84	30100	13.426	ug/l	92
29) Tetrahydrofuran	7.350	42	1048	1.619	ug/l	97
31) Cyclohexane	7.789	56	3052	1.455	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	10524	5.027	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13527	5.953	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	49938	31.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49938	71.966	ug/l #	11

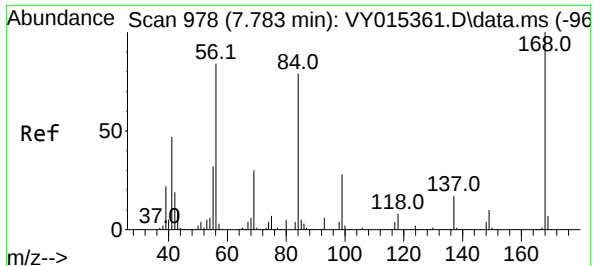
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
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Response via : Initial Calibration

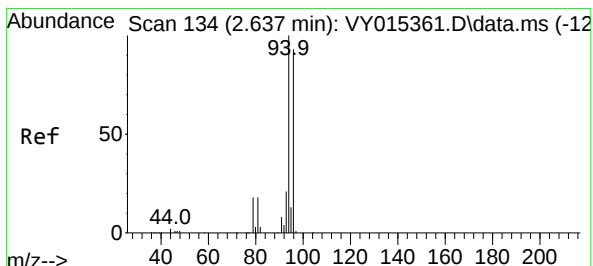
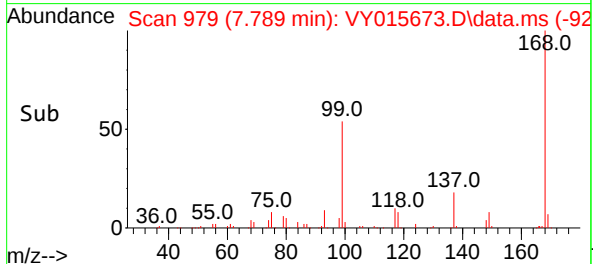
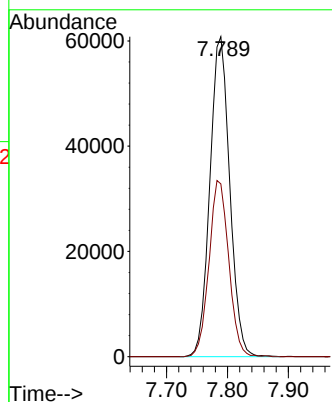
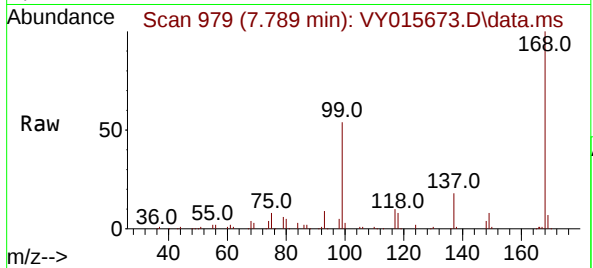




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

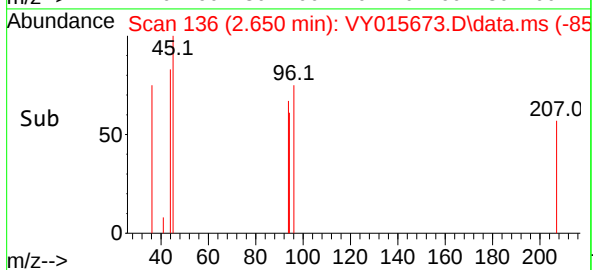
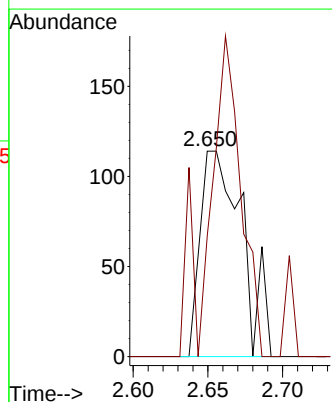
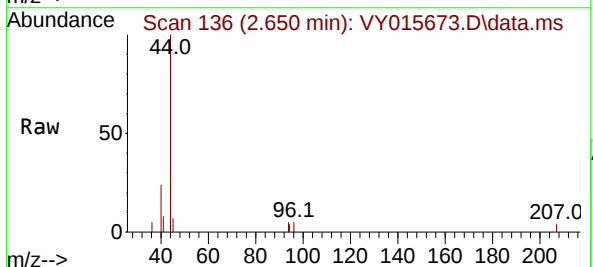
Instrument :
MSVOA_Y
ClientSampleId :

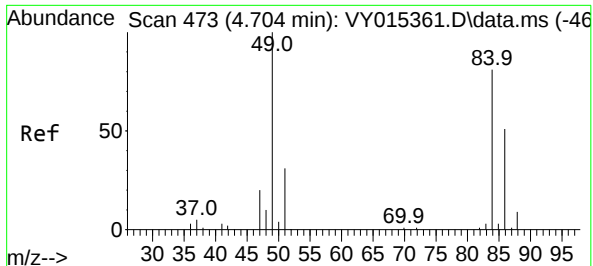
Tgt Ion:168 Resp: 137576
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#5
Bromomethane
Concen: 2.720 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

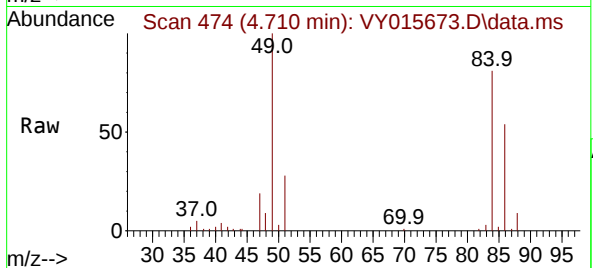
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 58.8 75.8 113.6#





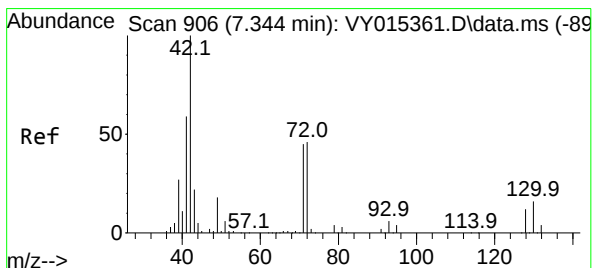
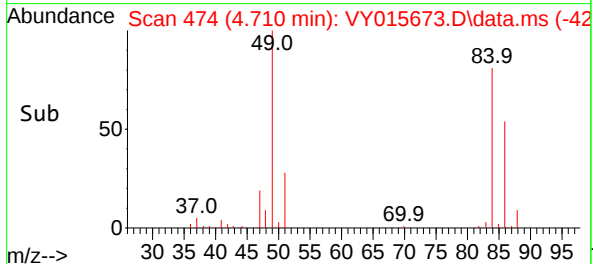
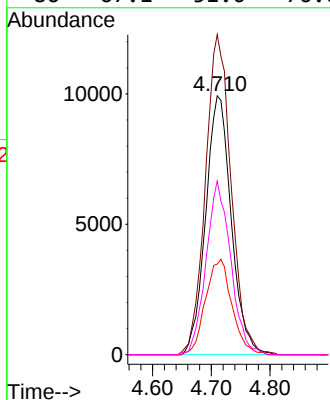
#20
Methylene Chloride
Concen: 13.426 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 30100

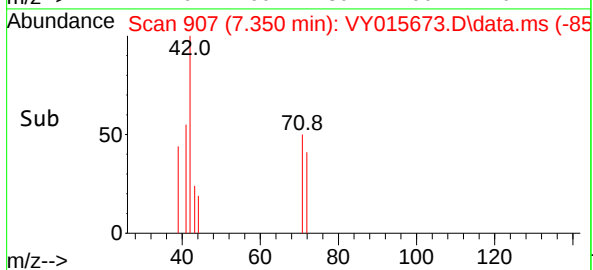
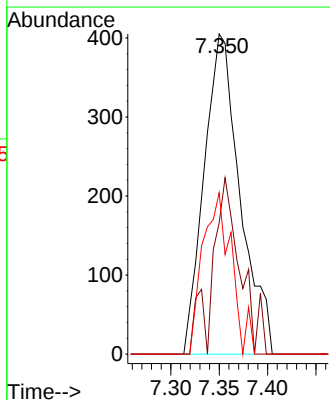
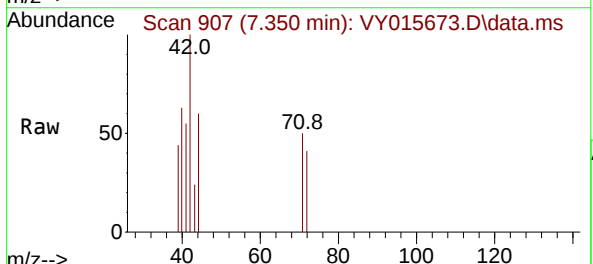
Ion	Ratio	Lower	Upper
84	100		
49	123.6	106.9	160.3
51	35.0	33.2	49.8
86	67.1	51.0	76.6

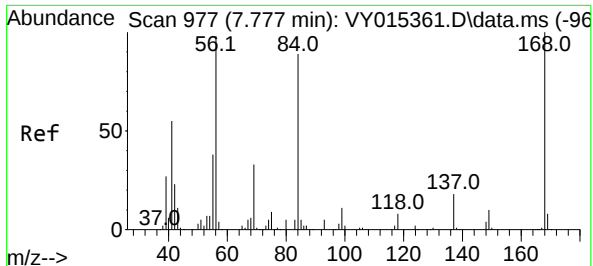


#29
Tetrahydrofuran
Concen: 1.619 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

Tgt Ion: 42 Resp: 1048

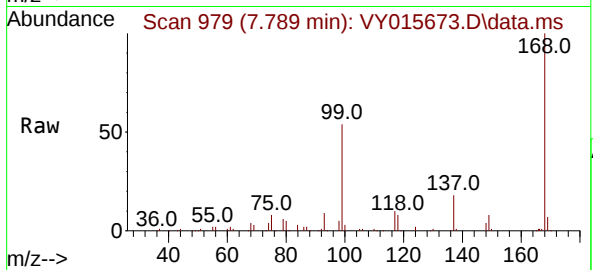
Ion	Ratio	Lower	Upper
42	100		
72	43.0	32.8	49.2
71	40.0	31.0	46.4



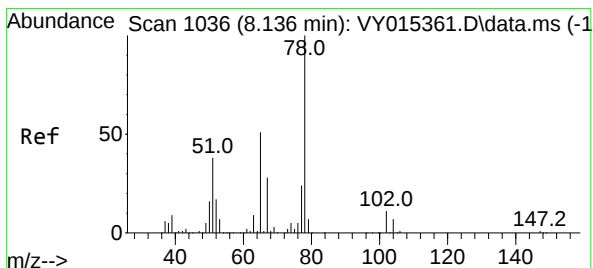
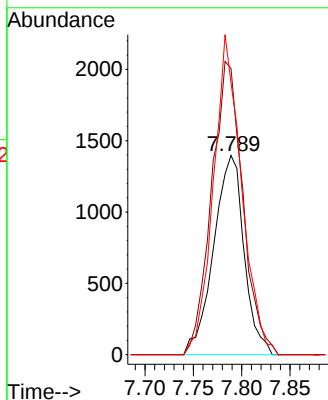
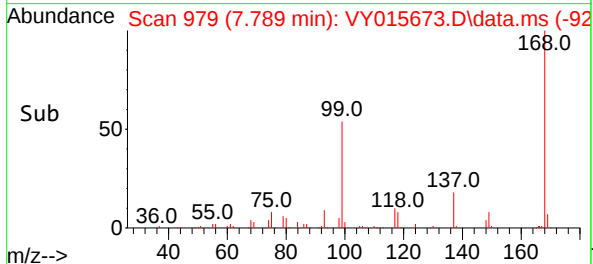


#31
Cyclohexane
Concen: 1.455 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :

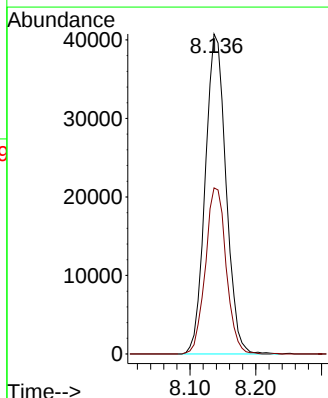
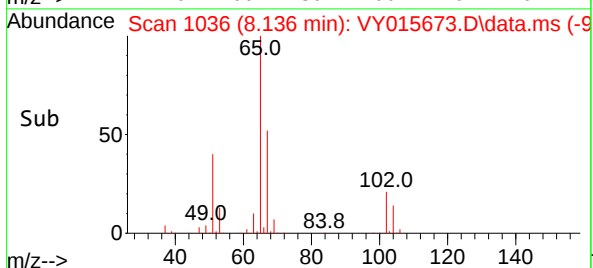
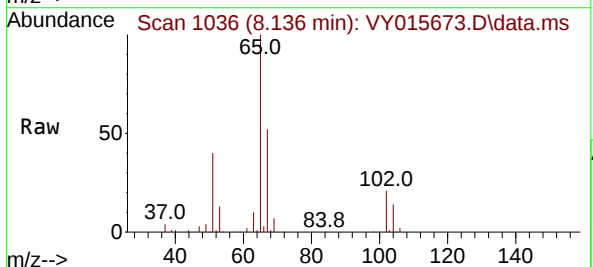


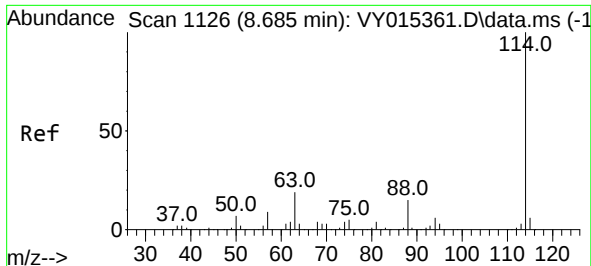
Tgt Ion: 56 Resp: 3052
Ion Ratio Lower Upper
56 100
69 143.7 27.8 41.6#
84 136.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.019 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

Tgt Ion: 65 Resp: 89338
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015673.D

Acq: 21 Sep 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

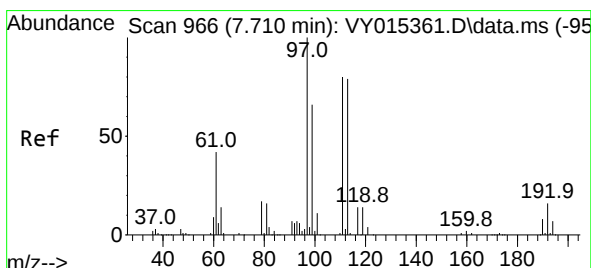
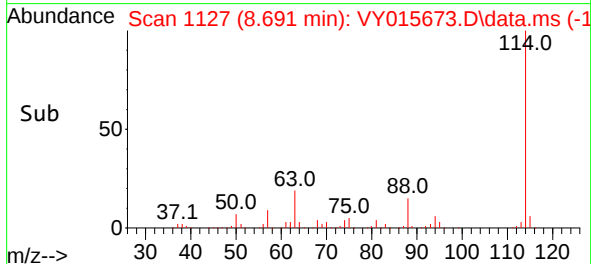
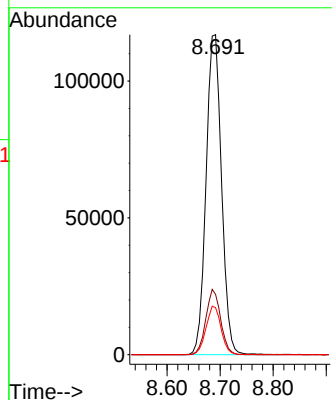
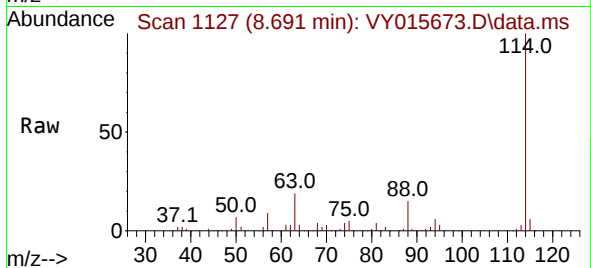
Tgt Ion:114 Resp: 236541

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.236 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015673.D

Acq: 21 Sep 2023 16:23

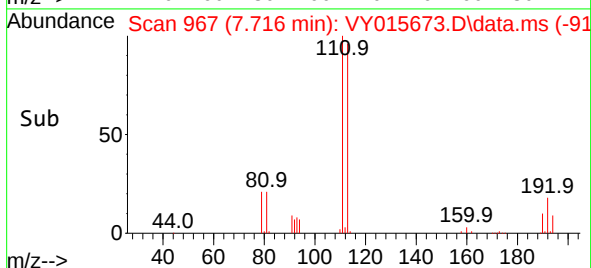
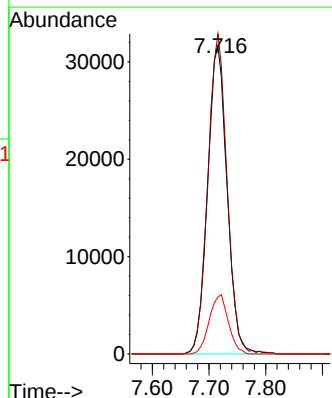
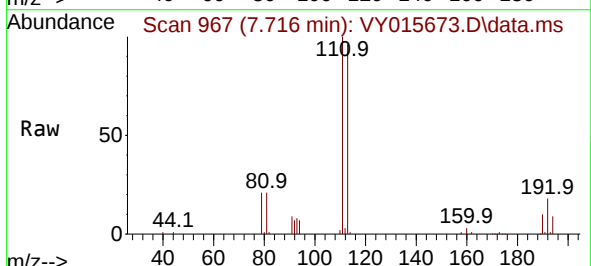
Tgt Ion:113 Resp: 75371

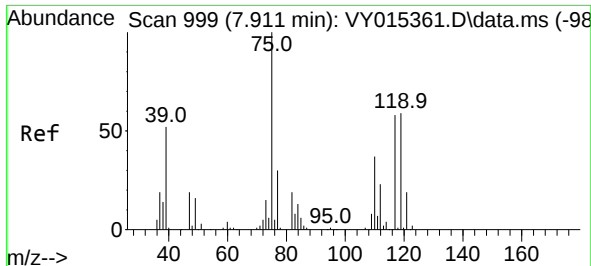
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

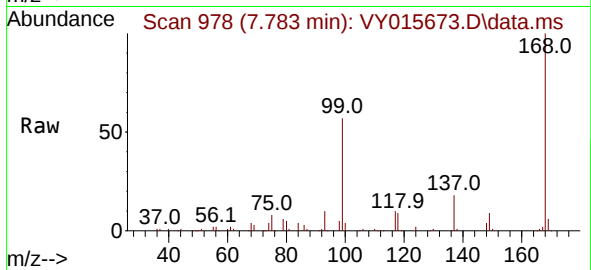
192 18.9 16.9 25.3



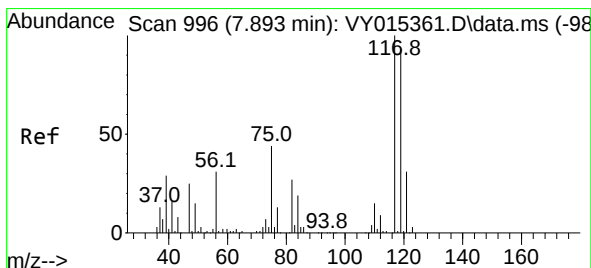
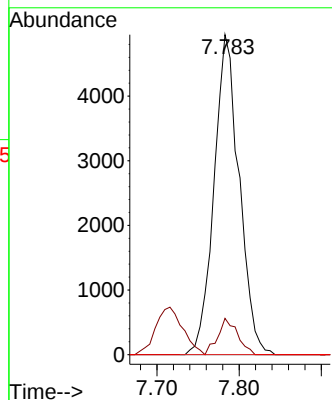
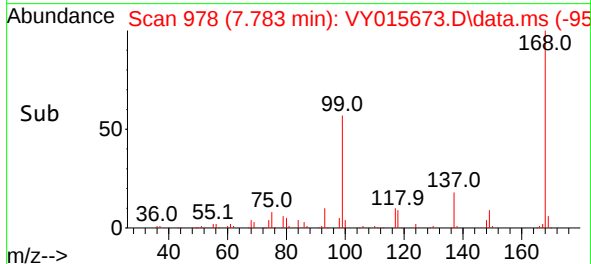


#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

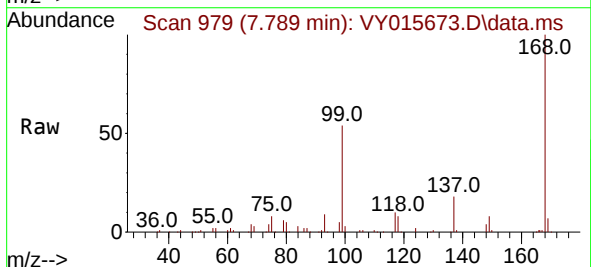
Instrument :
MSVOA_Y
ClientSampleId :



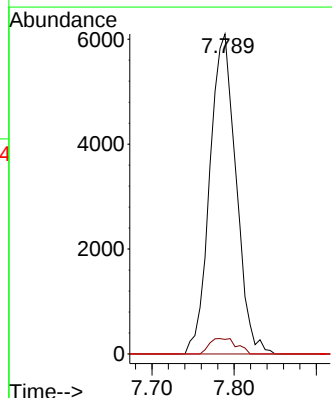
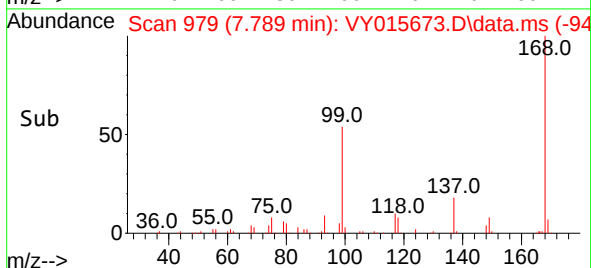
Tgt Ion: 75 Resp: 10524
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#

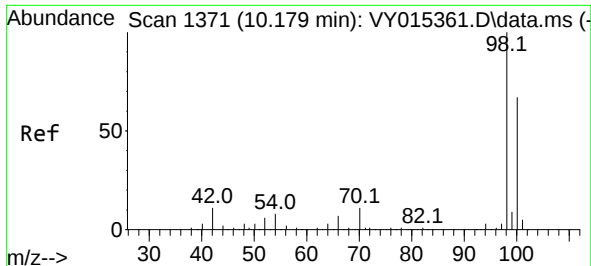


#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23



Tgt Ion: 117 Resp: 13527
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 25.8 38.6#

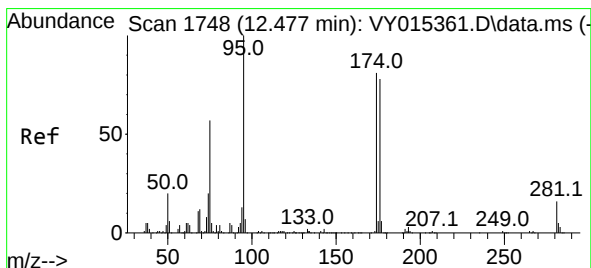
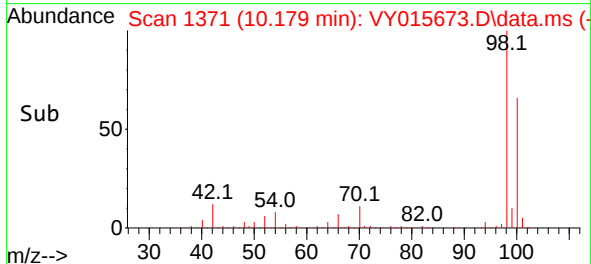
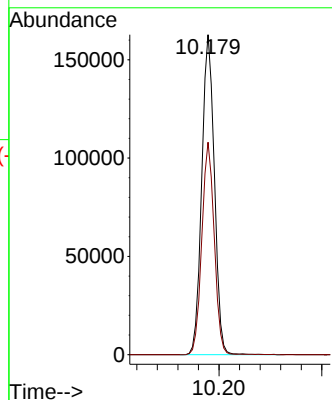
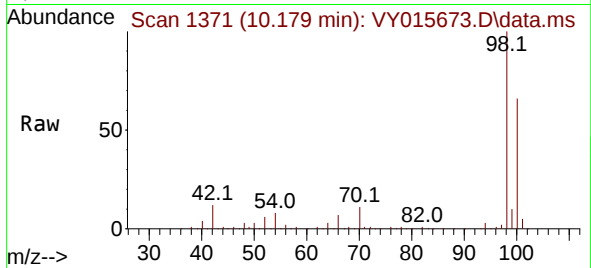




#50
Toluene-d8
Concen: 57.642 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

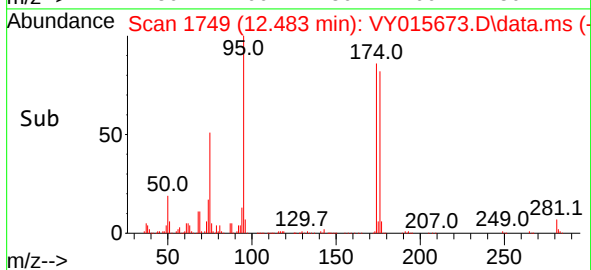
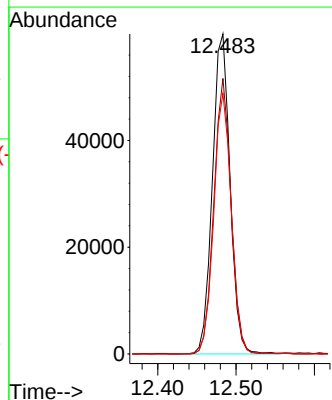
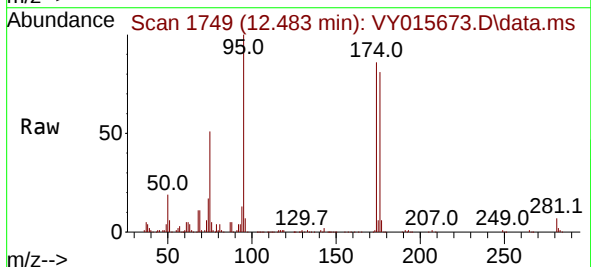
Instrument :
MSVOA_Y
ClientSampleId :

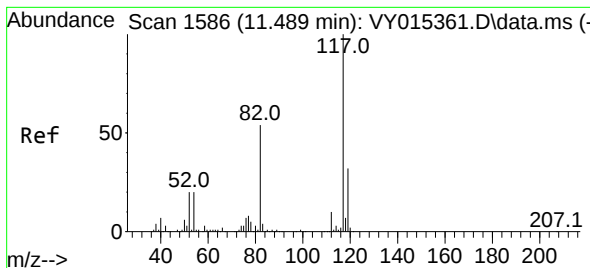
Tgt Ion: 98 Resp: 276704
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

Tgt Ion: 95 Resp: 93797
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015673.D

Acq: 21 Sep 2023 16:23

Instrument :

MSVOA_Y

ClientSampleId :

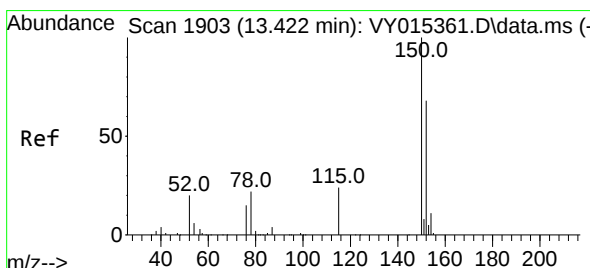
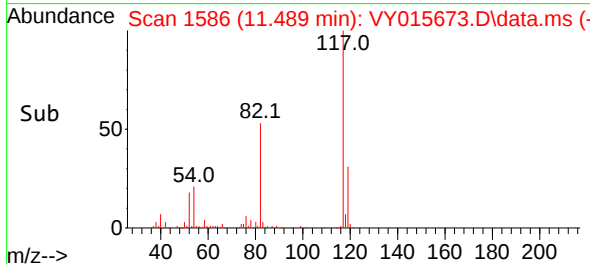
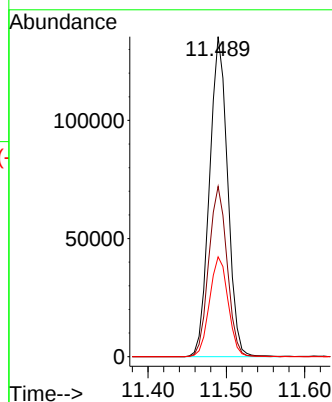
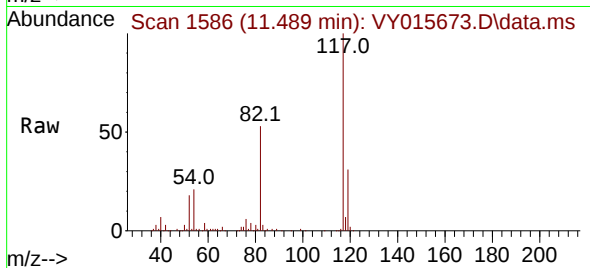
Tgt Ion:117 Resp: 217569

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.2 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: VY015673.D

Acq: 21 Sep 2023 16:23

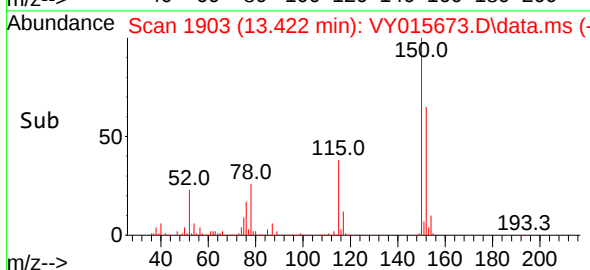
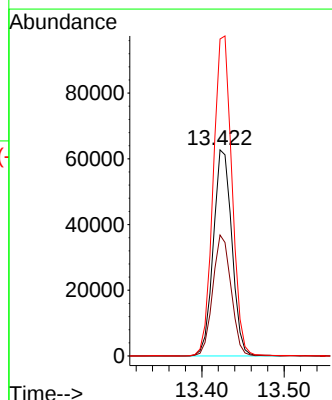
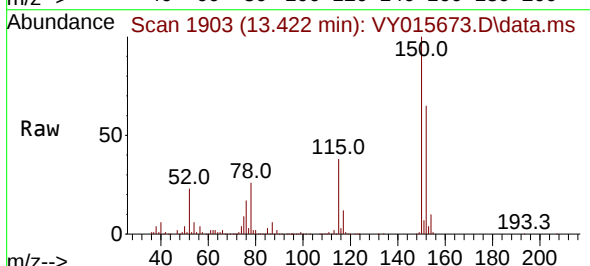
Tgt Ion:152 Resp: 97949

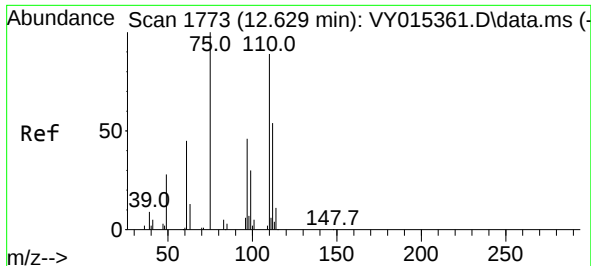
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 156.8 0.0 348.8

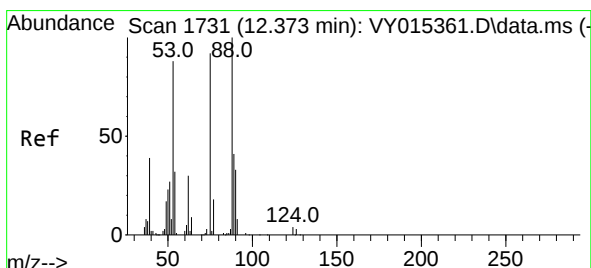
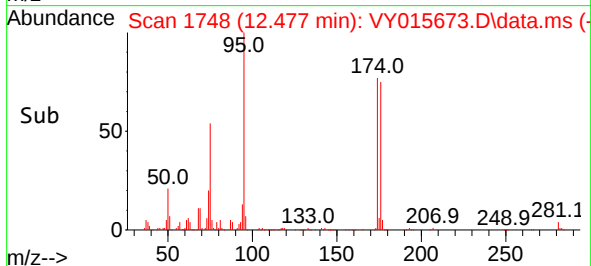
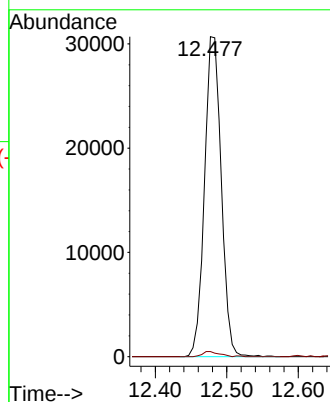
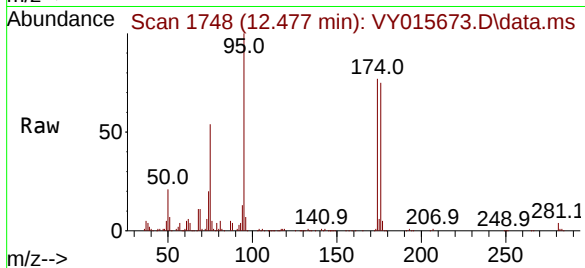




#76
1,2,3-Trichloropropane
Concen: 31.958 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49938
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.966 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY015673.D
Acq: 21 Sep 2023 16:23

Tgt Ion: 75 Resp: 49938
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

