

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020054.D
 Acq On : 29 Oct 2024 12:28
 Operator : SY/MD
 Sample : P4597-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:22:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

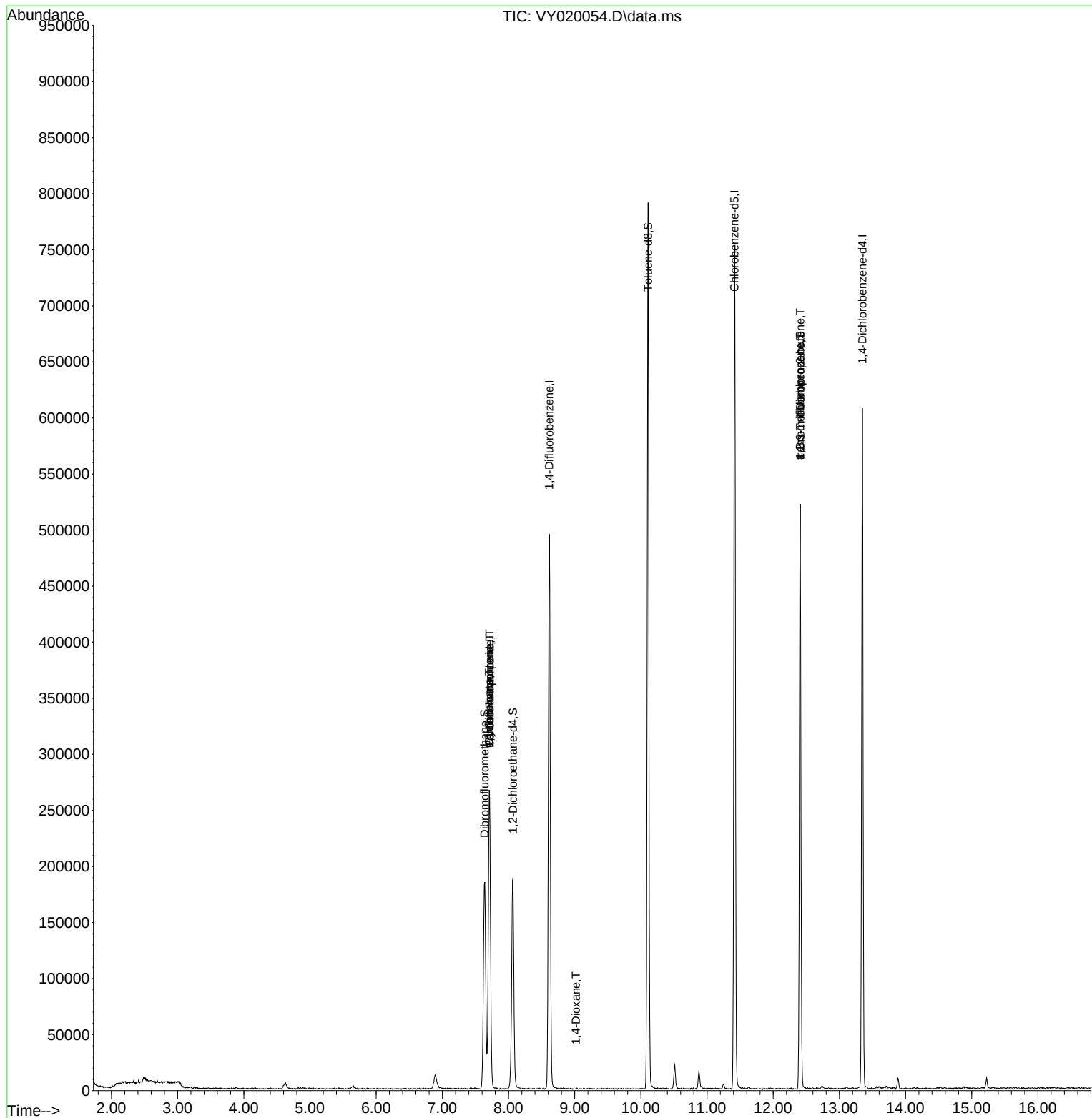
Internal Standards						
1) Pentafluorobenzene	7.713	168	187400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	392865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	142540	61.774	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.540%	
35) Dibromofluoromethane	7.640	113	133922	51.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.109	98	489289	51.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.408	95	149511	43.221	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	632	Below Cal	#	92
20) Methylene Chloride	4.604	84	1542	Below Cal	#	77
31) Cyclohexane	7.707	56	5715	1.482	ug/l #	43
36) 1,1-Dichloropropene	7.713	75	18293	4.898	ug/l #	48
38) Carbon Tetrachloride	7.713	117	20782	5.190	ug/l #	16
49) 1,4-Dioxane	9.018	88	32	1.850	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	87718	34.695	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	87718	140.040	ug/l #	16

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

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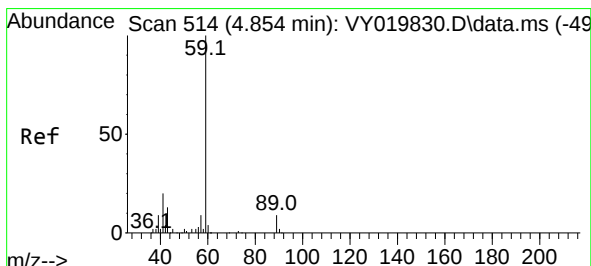
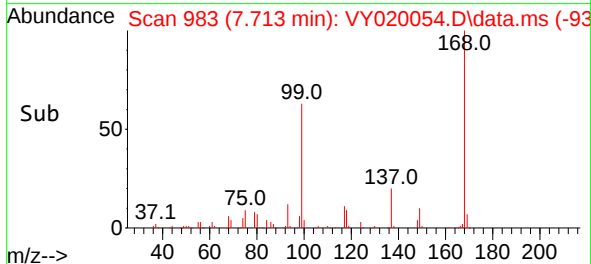
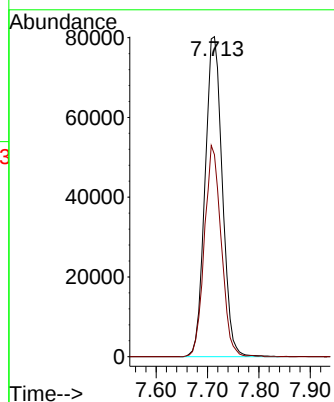
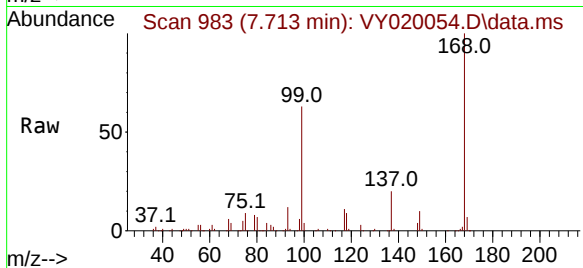




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

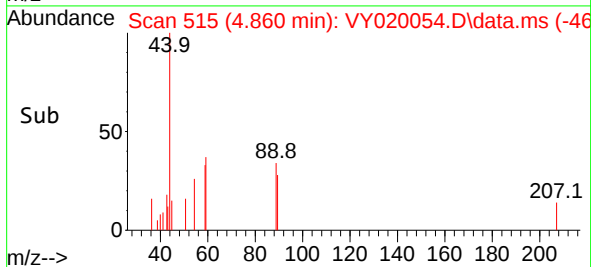
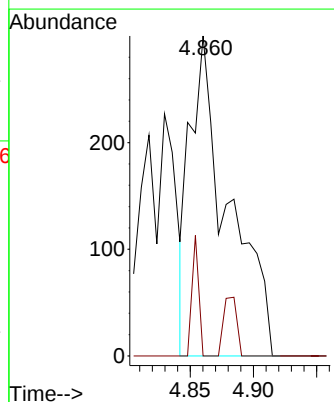
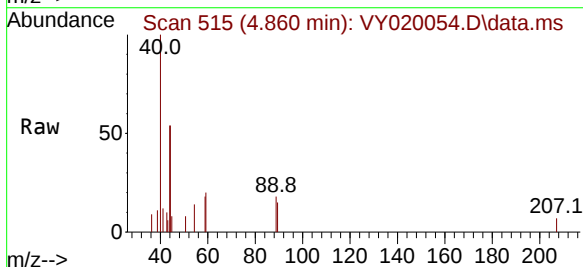
Instrument :
MSVOA_Y
ClientSampleId :

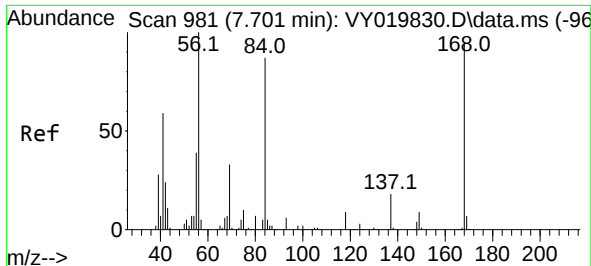
Tgt Ion:168 Resp: 187400
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

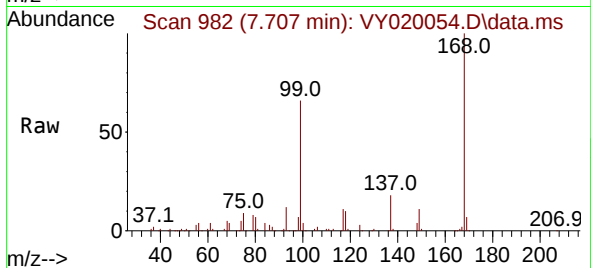
Tgt Ion: 59 Resp: 632
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.6#



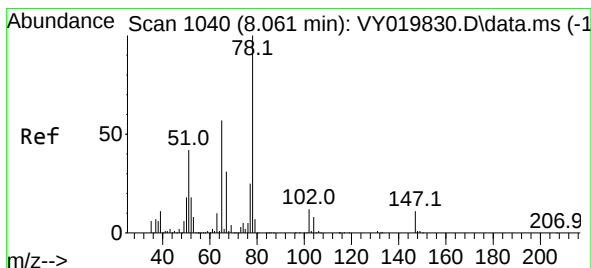
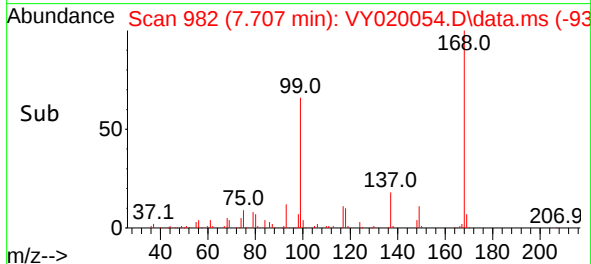
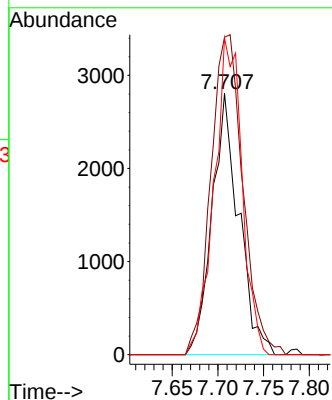


#31
Cyclohexane
Concen: 1.482 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Instrument :
MSVOA_Y
ClientSampleId :

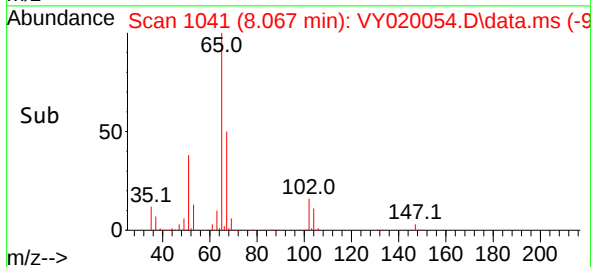
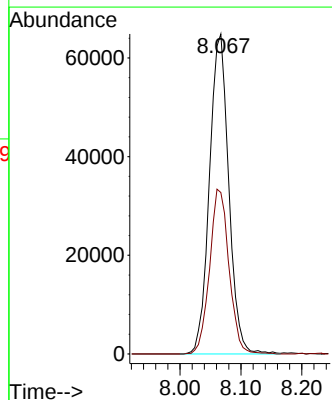
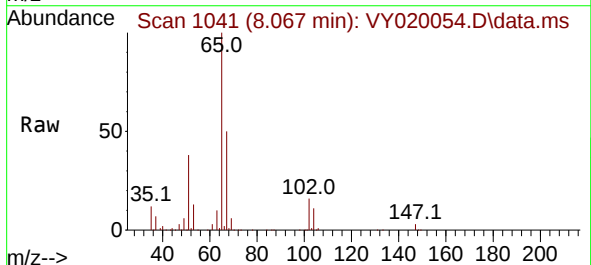


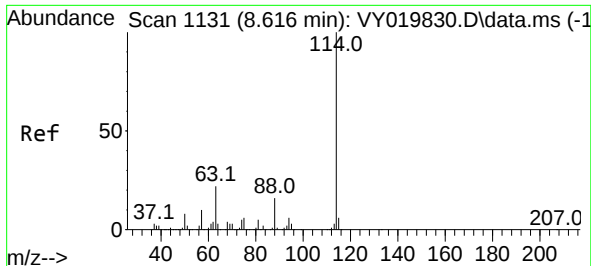
Tgt Ion: 56 Resp: 5715
Ion Ratio Lower Upper
56 100
69 121.5 28.7 43.1#
84 121.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 61.774 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

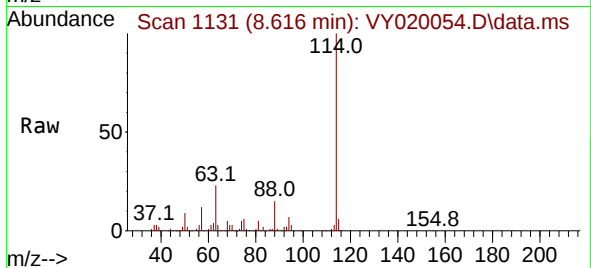
Tgt Ion: 65 Resp: 142540
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6



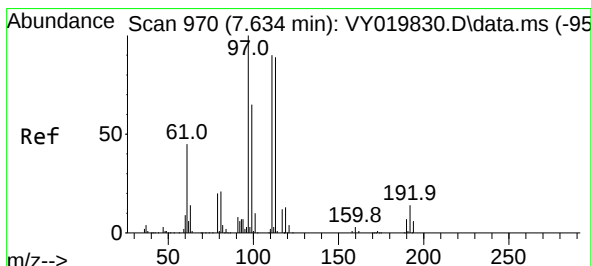
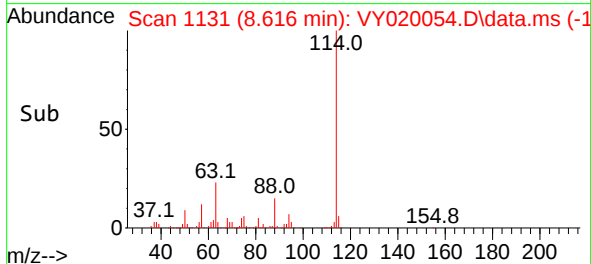
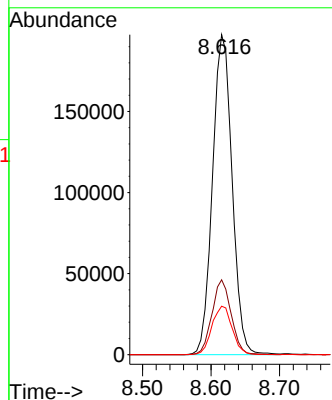


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Instrument :
MSVOA_Y
ClientSampleId :

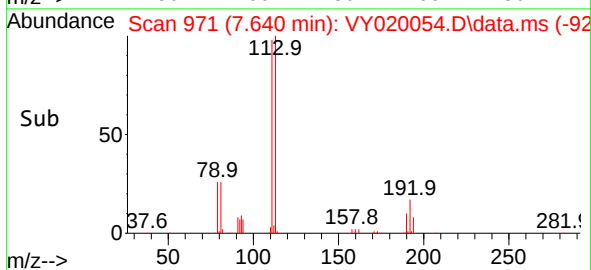
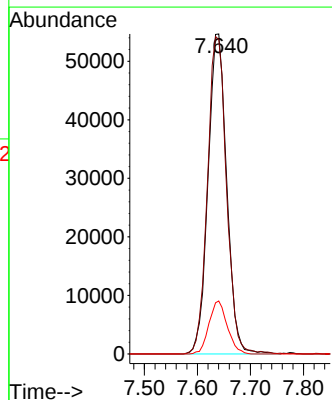
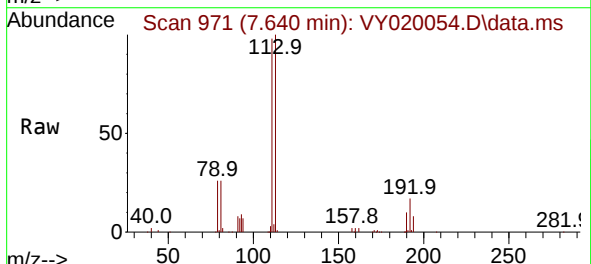


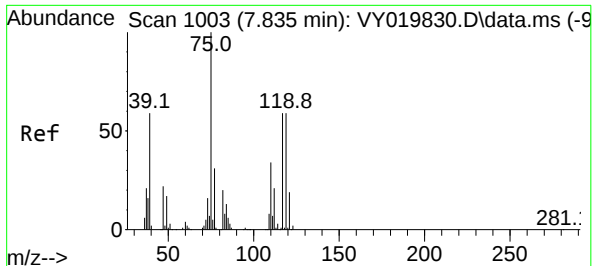
Tgt Ion:114 Resp: 392865
Ion Ratio Lower Upper
114 100
63 23.4 0.0 35.0
88 15.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.658 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Tgt Ion:113 Resp: 133922
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 16.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.898 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

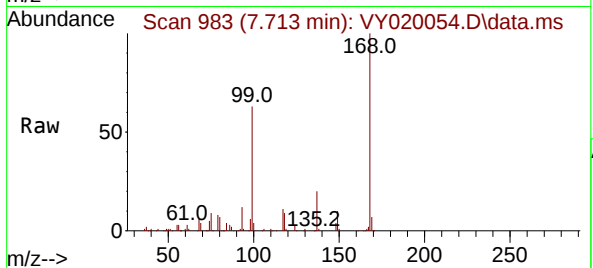
Lab File: VY020054.D

Acq: 29 Oct 2024 12:28

Instrument :

MSVOA_Y

ClientSampleId :



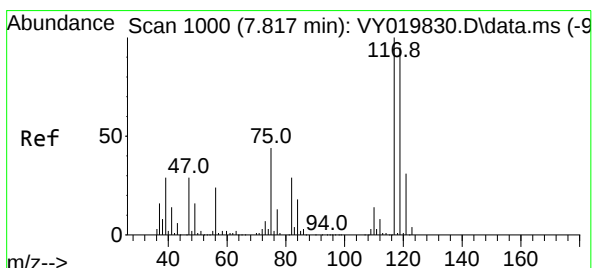
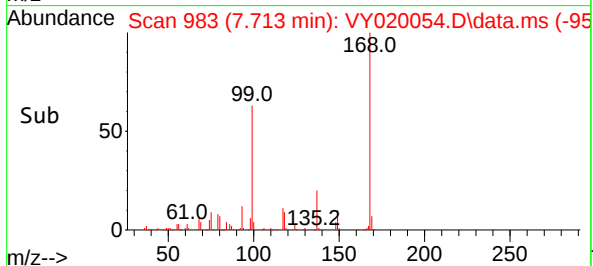
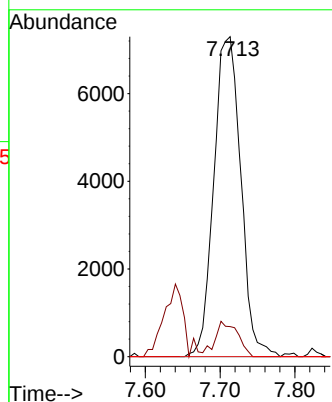
Tgt Ion: 75 Resp: 18293

Ion Ratio Lower Upper

75 100

110 9.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.190 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020054.D

Acq: 29 Oct 2024 12:28

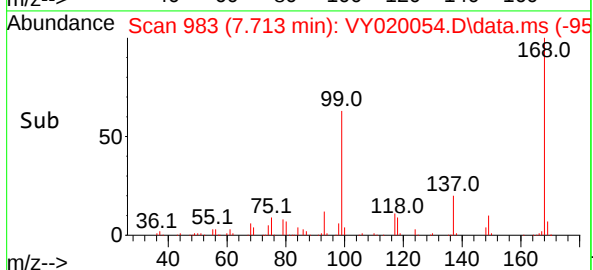
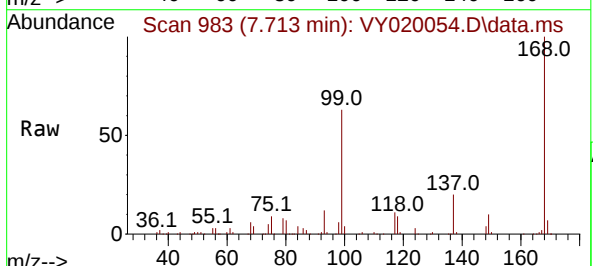
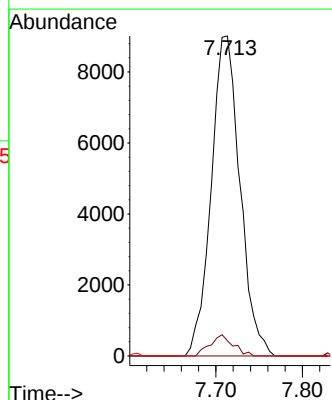
Tgt Ion: 117 Resp: 20782

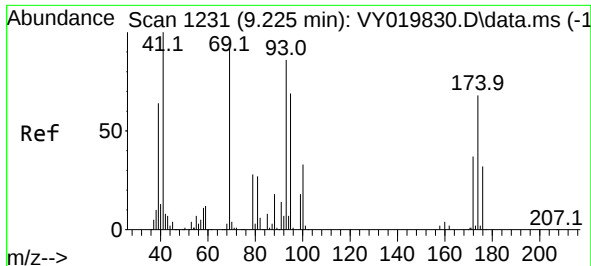
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.850 ug/l

RT: 9.018 min Scan# 1197

Delta R.T. -0.213 min

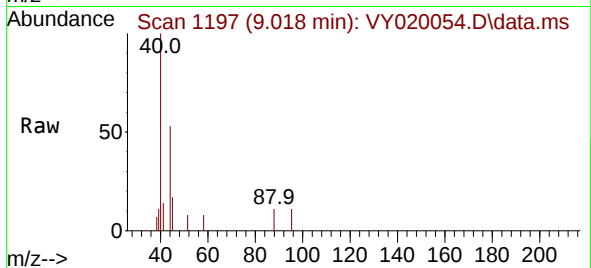
Lab File: VY020054.D

Acq: 29 Oct 2024 12:28

Instrument :

MSVOA_Y

ClientSampleId :



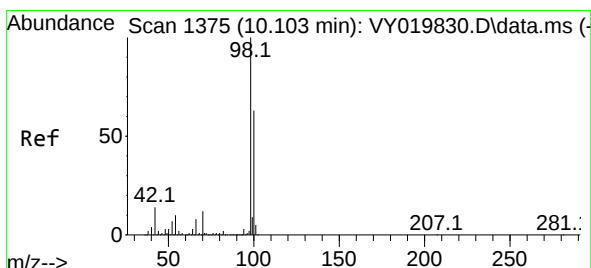
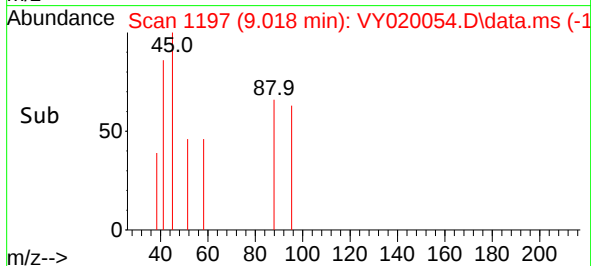
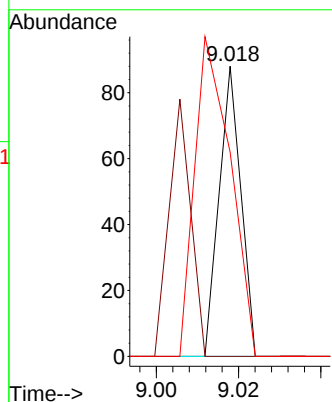
Tgt Ion: 88 Resp: 32

Ion Ratio Lower Upper

88 100

43 90.6 0.0 0.0#

58 181.3 49.3 73.9#



#50

Toluene-d8

Concen: 51.108 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020054.D

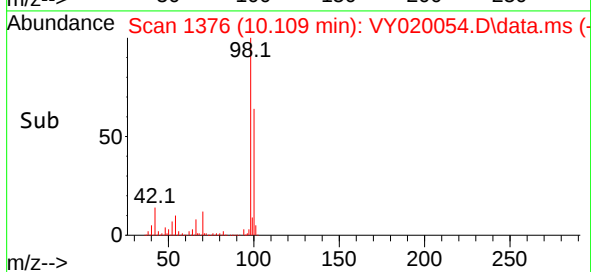
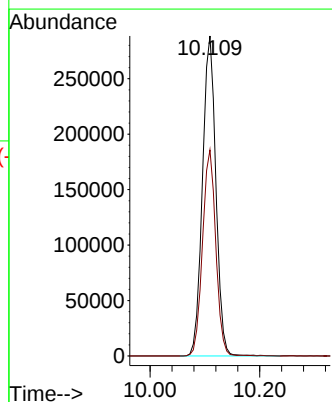
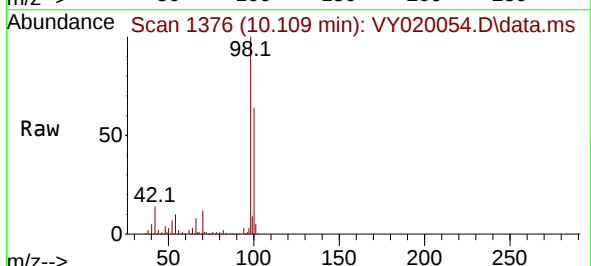
Acq: 29 Oct 2024 12:28

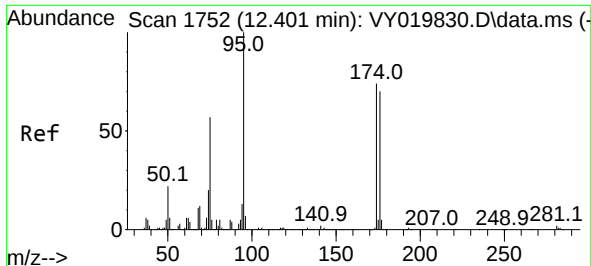
Tgt Ion: 98 Resp: 489289

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

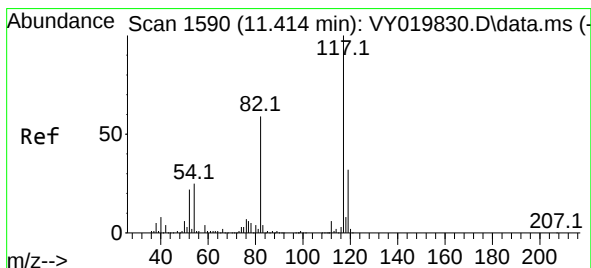
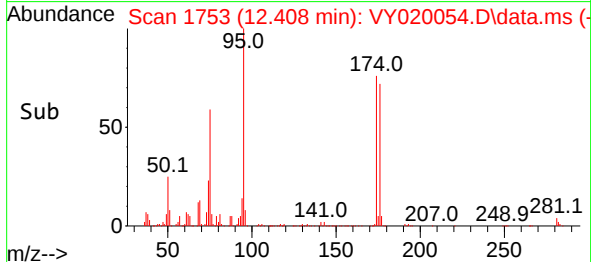
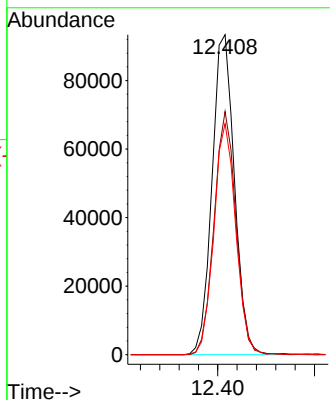
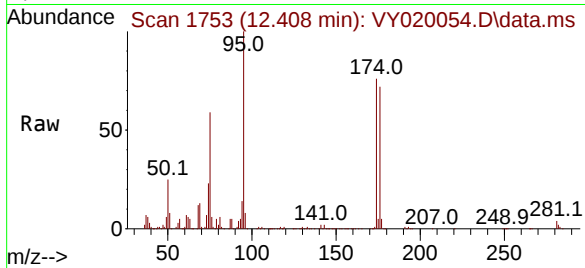




#62
4-Bromofluorobenzene
Concen: 43.221 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

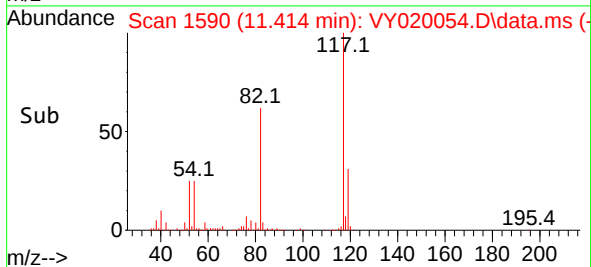
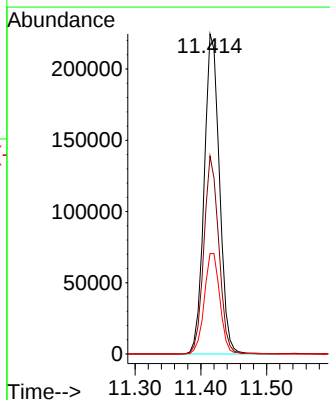
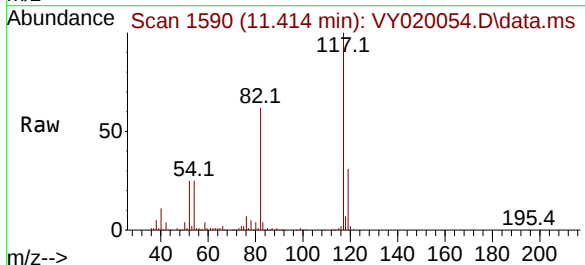
Instrument :
MSVOA_Y
ClientSampleId :

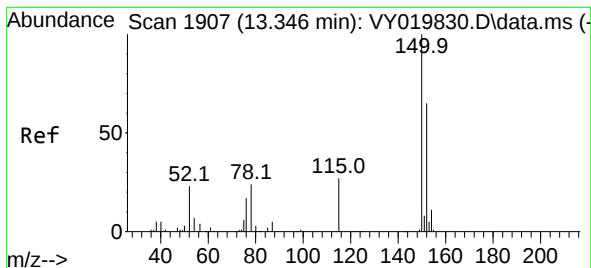
Tgt Ion: 95 Resp: 149511
Ion Ratio Lower Upper
95 100
174 74.6 0.0 175.6
176 70.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020054.D
Acq: 29 Oct 2024 12:28

Tgt Ion: 117 Resp: 363083
Ion Ratio Lower Upper
117 100
82 61.8 42.4 63.6
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020054.D

Acq: 29 Oct 2024 12:28

Instrument :

MSVOA_Y

ClientSampleId :

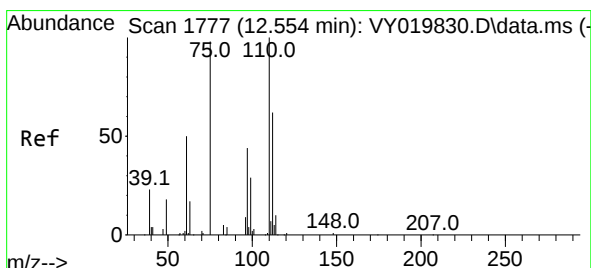
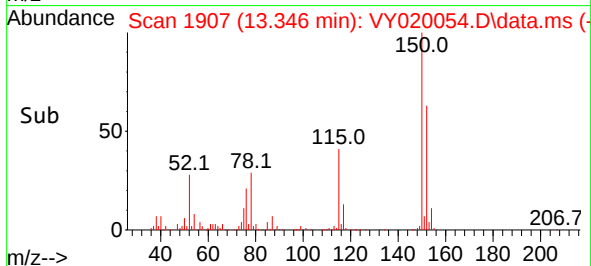
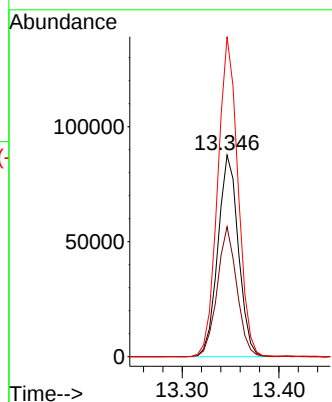
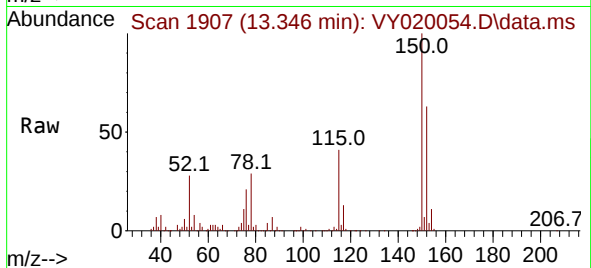
Tgt Ion:152 Resp: 129061

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 156.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.695 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020054.D

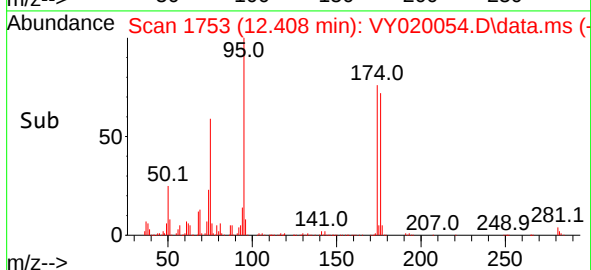
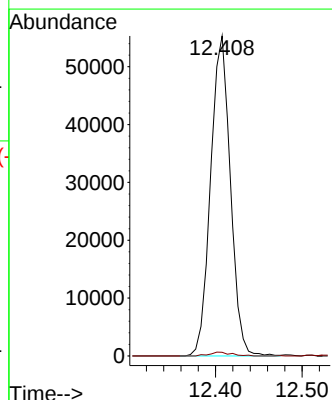
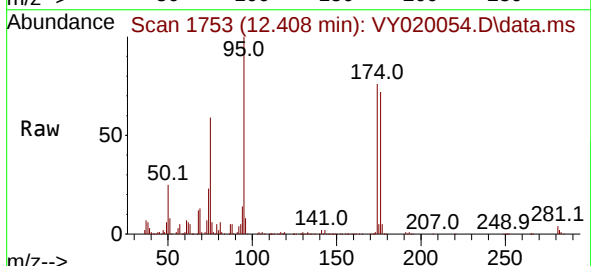
Acq: 29 Oct 2024 12:28

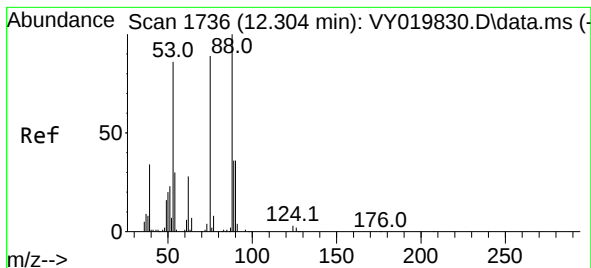
Tgt Ion: 75 Resp: 87718

Ion Ratio Lower Upper

75 100

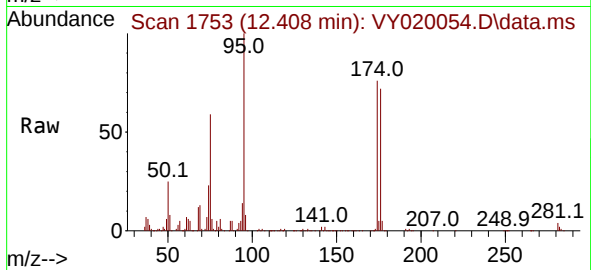
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.040 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020054.D
 Acq: 29 Oct 2024 12:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 87718
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

