

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111422\
 Data File : VY011446.D
 Acq On : 14 Nov 2022 17:40
 Operator : KP/MD
 Sample : N5608-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NP-1

Quant Time: Nov 15 01:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

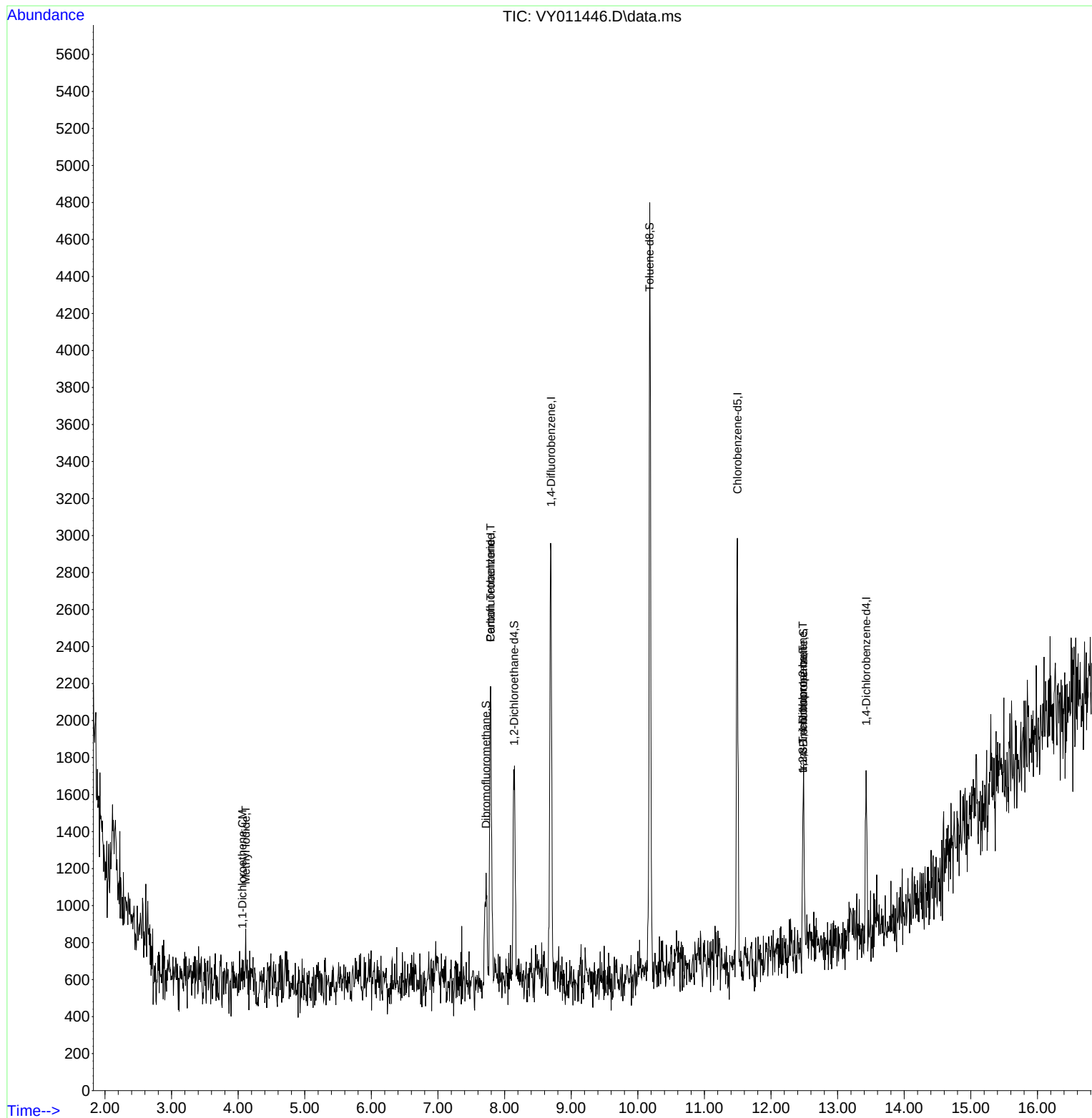
Internal Standards						
1) Pentafluorobenzene	7.789	168	1717	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2690	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	1513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1006	69.920	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.840%	
35) Dibromofluoromethane	7.722	113	563	37.346	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.700%	
50) Toluene-d8	10.179	98	3076	53.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.483	95	460	22.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 45.800%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	83	3.999	ug/l	# 35
12) 1,1-Dichloroethene	4.064	96	19	1.233	ug/l	# 1
20) Methylene Chloride	4.710	84	83	Below Cal	#	73
38) Carbon Tetrachloride	7.789	117	140	5.501	ug/l	# 11
76) 1,2,3-Trichloropropane	12.477	75	192	41.676	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	192	100.177	ug/l	# 7

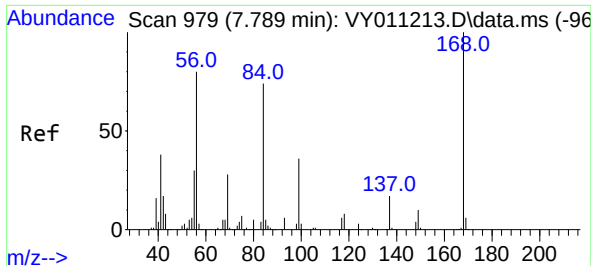
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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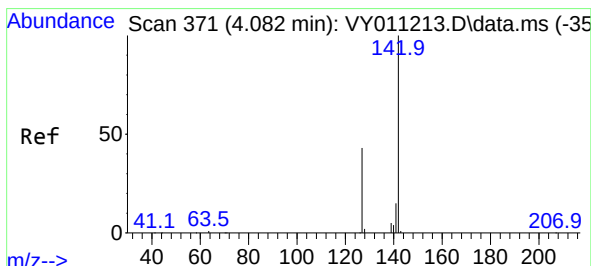
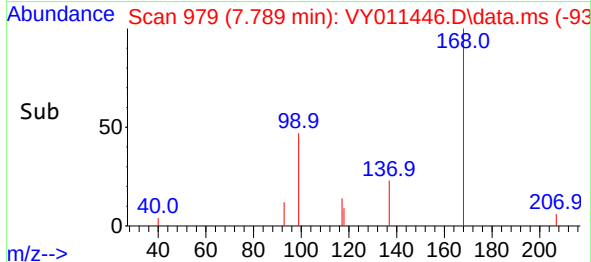
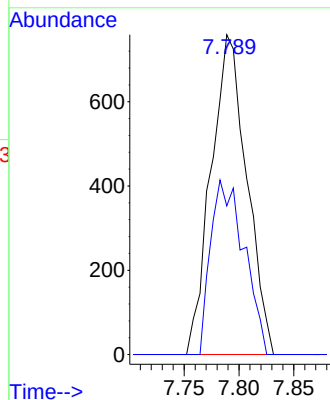
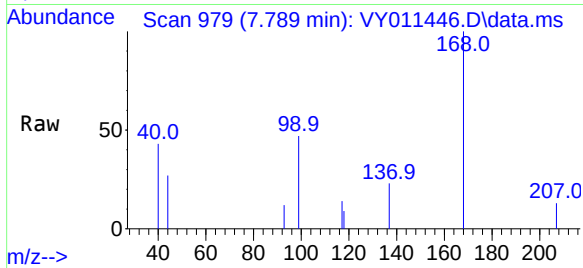




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

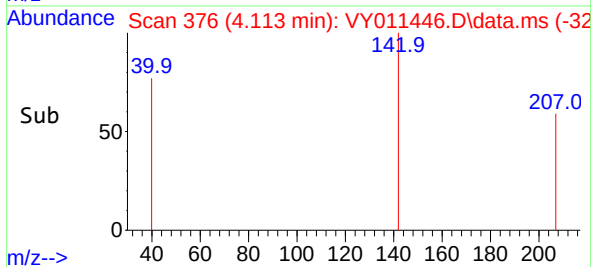
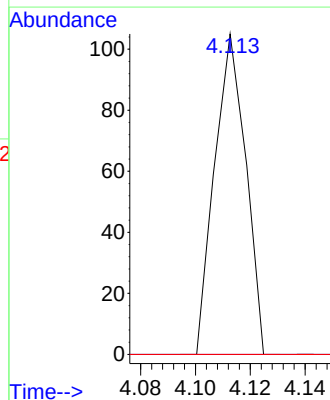
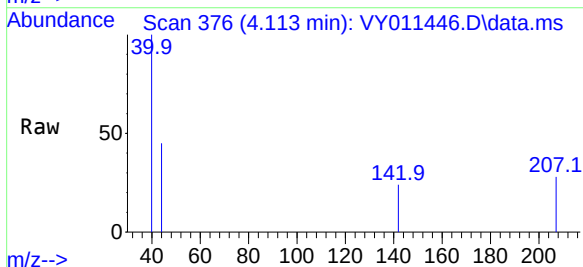
Instrument :
MSVOA_Y
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NP-1

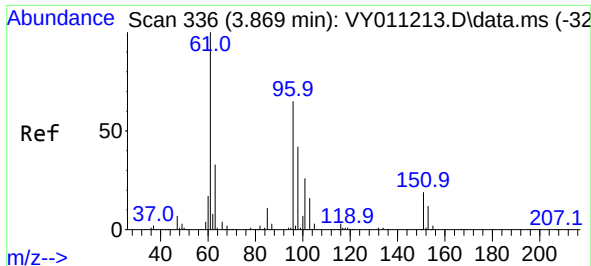
Tgt Ion:168 Resp: 1717
Ion Ratio Lower Upper
168 100
99 46.5 46.9 70.3#



#10
Methyl Iodide
Concen: 3.999 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion:142 Resp: 83
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

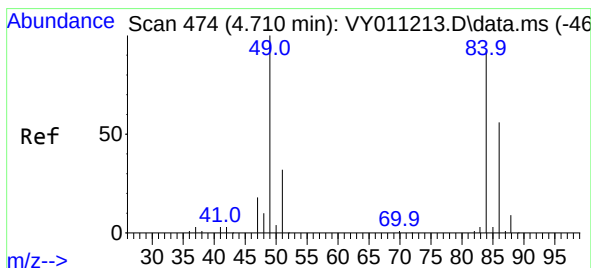
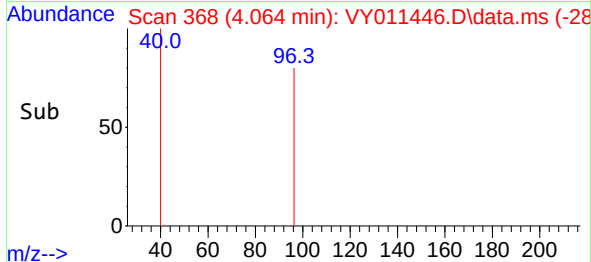
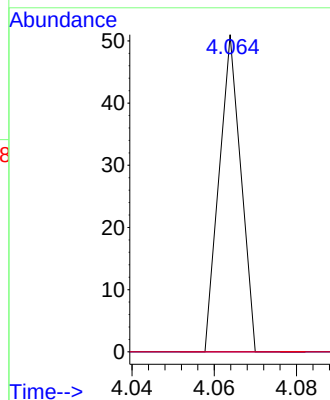
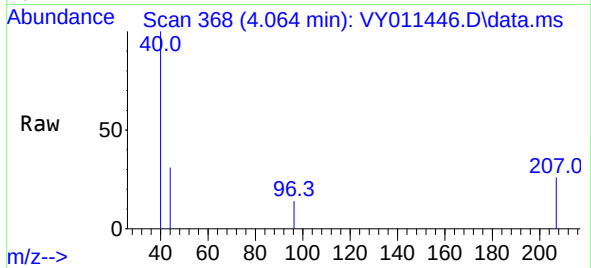




#12
1,1-Dichloroethene
Concen: 1.233 ug/l
RT: 4.064 min Scan# 30
Delta R.T. 0.195 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

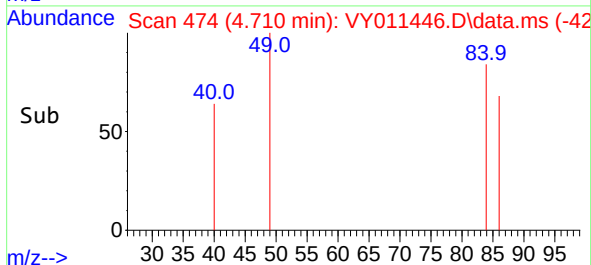
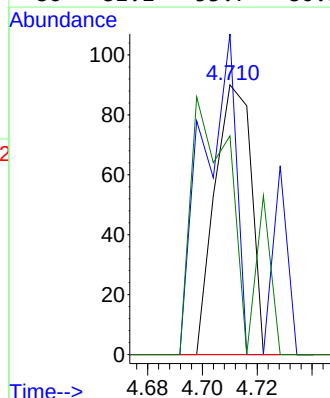
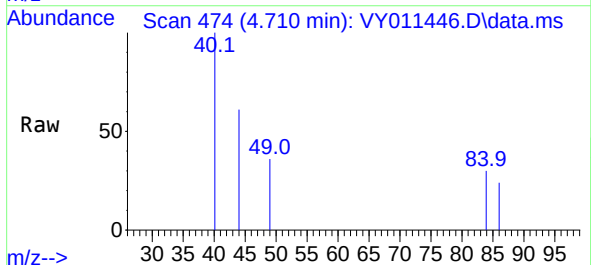
Instrument :
MSVOA_Y
ClientSampleId :
NP-1

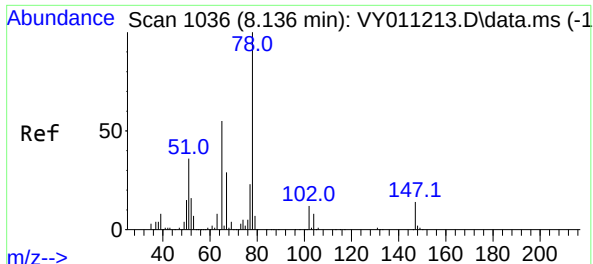
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion: 84 Resp: 83
Ion Ratio Lower Upper
84 100
49 118.9 114.4 171.6
51 0.0 35.3 52.9#
86 81.1 53.7 80.5#

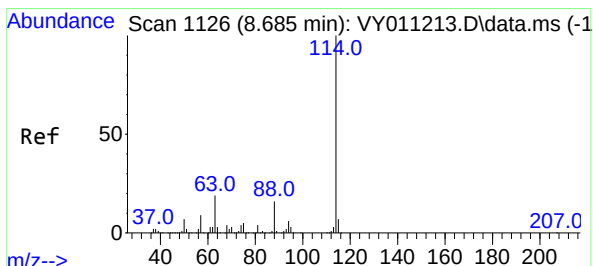
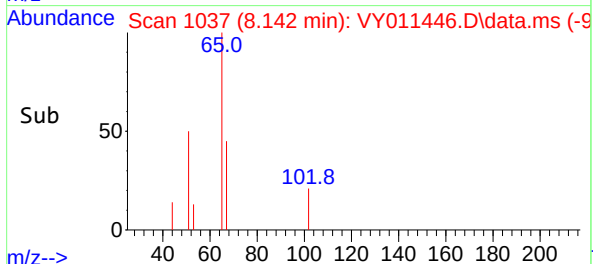
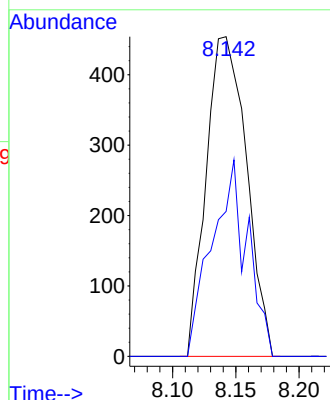
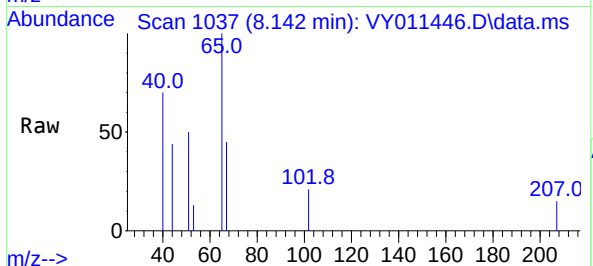




#33
1,2-Dichloroethane-d4
Concen: 69.920 ug/l
RT: 8.142 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

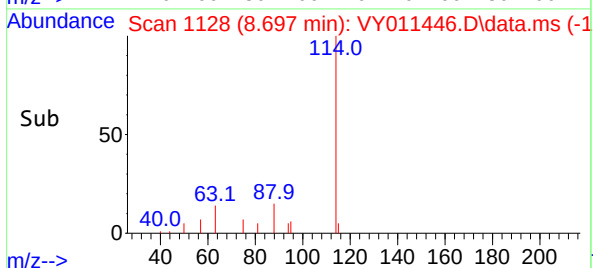
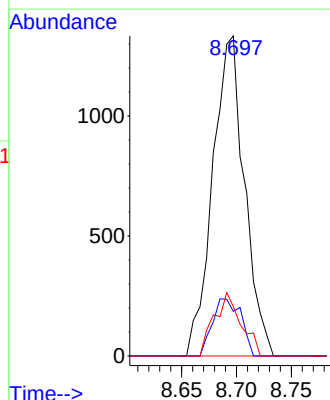
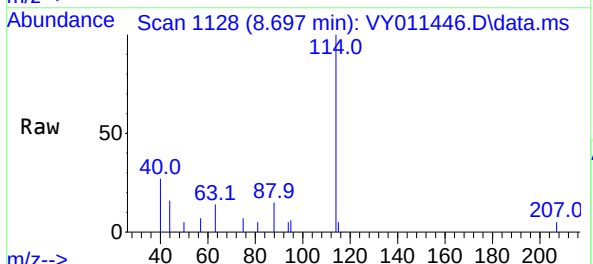
Instrument :
MSVOA_Y
ClientSampleId :
NP-1

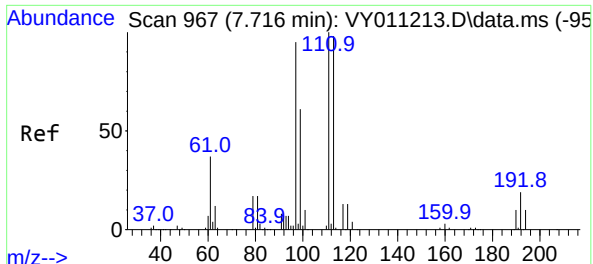
Tgt Ion: 65 Resp: 1006
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion: 114 Resp: 2690
Ion Ratio Lower Upper
114 100
63 14.0 0.0 43.2
88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 37.346 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY011446.D

Acq: 14 Nov 2022 17:40

Instrument :

MSVOA_Y

ClientSampleId :

NP-1

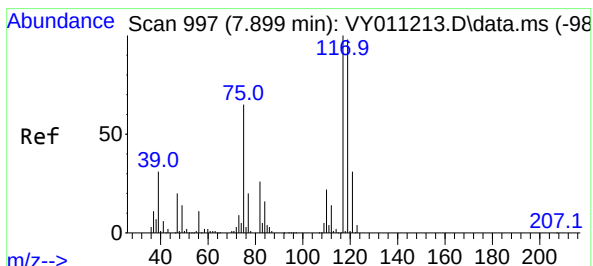
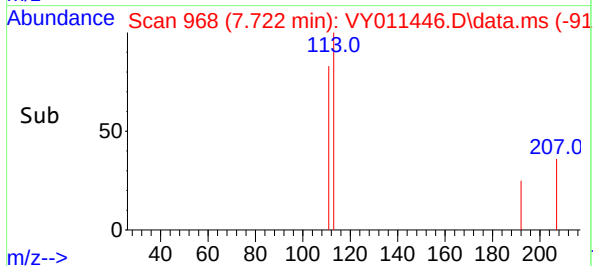
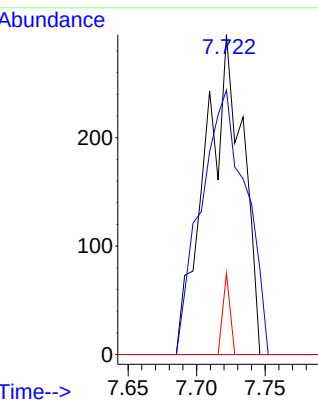
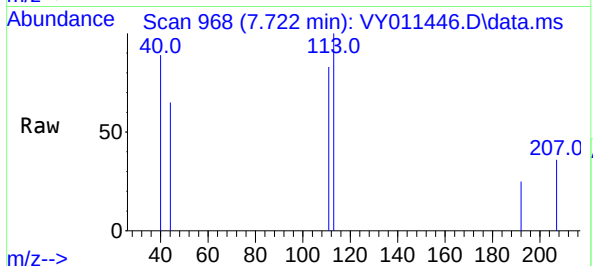
Tgt Ion:113 Resp: 563

Ion Ratio Lower Upper

113 100

111 98.4 82.6 124.0

192 4.8 17.6 26.4#



#38

Carbon Tetrachloride

Concen: 5.501 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011446.D

Acq: 14 Nov 2022 17:40

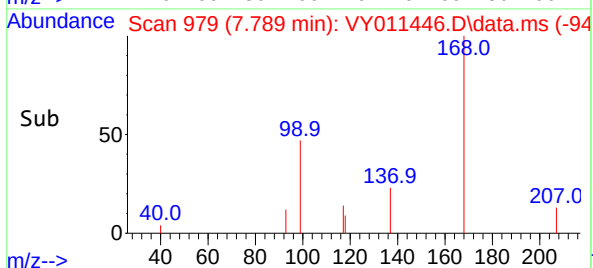
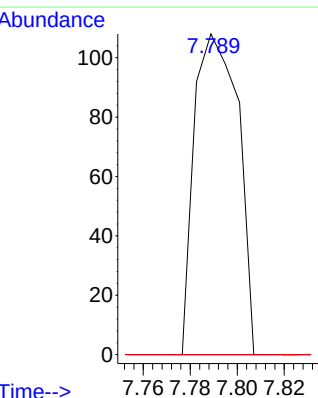
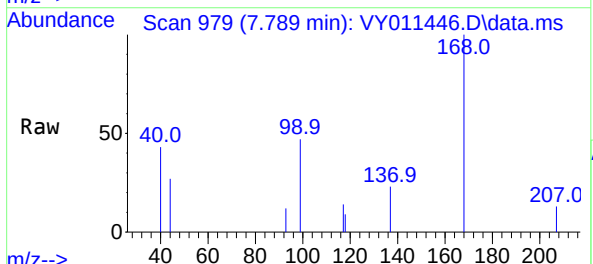
Tgt Ion:117 Resp: 140

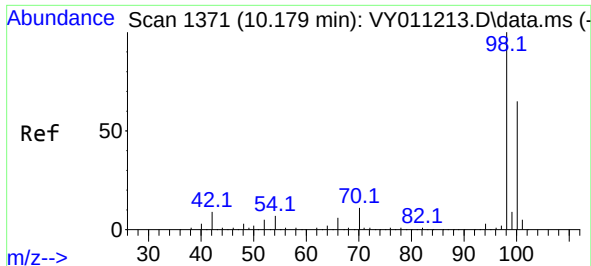
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

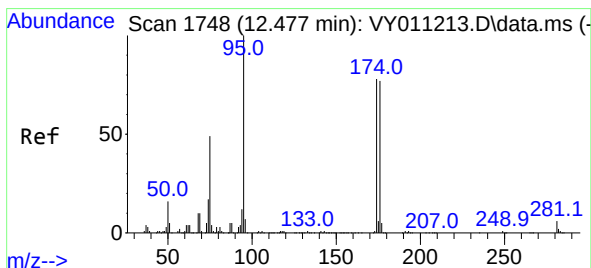
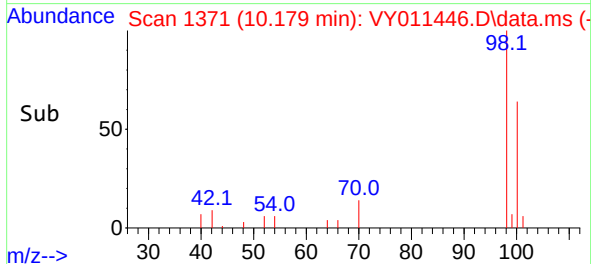
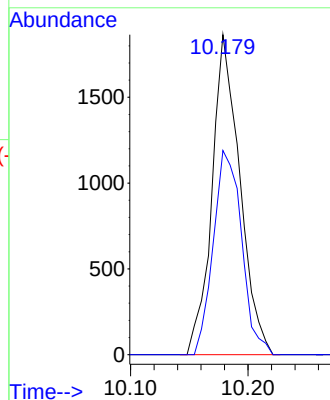
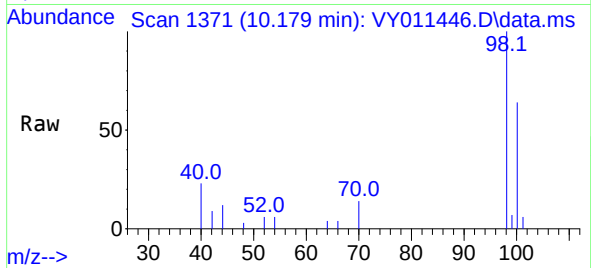




#50
Toluene-d8
Concen: 53.410 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

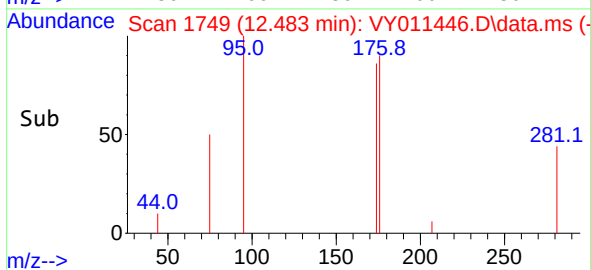
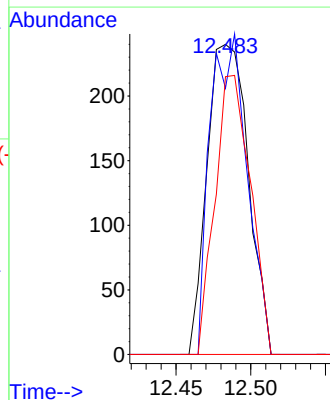
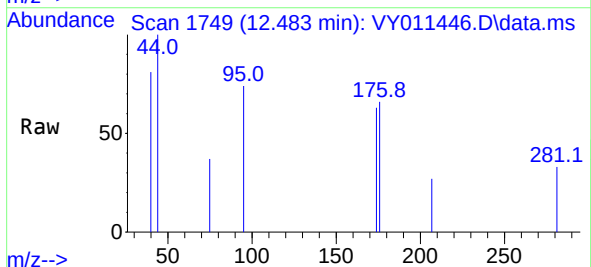
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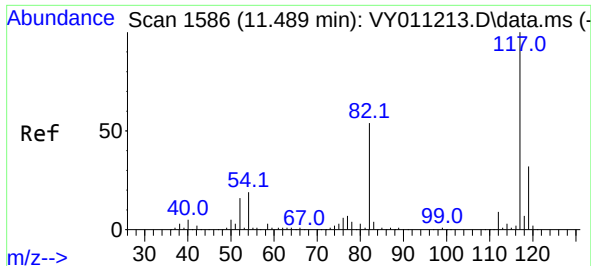
Tgt Ion: 98 Resp: 3076
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 22.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion: 95 Resp: 460
Ion Ratio Lower Upper
95 100
174 92.6 0.0 177.0
176 77.6 0.0 175.8

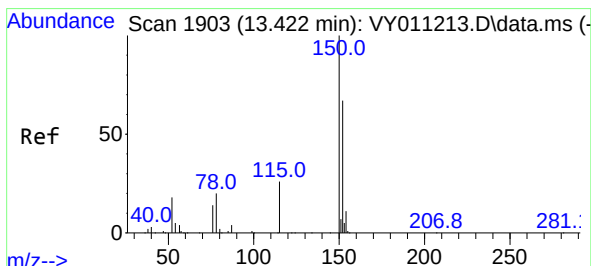
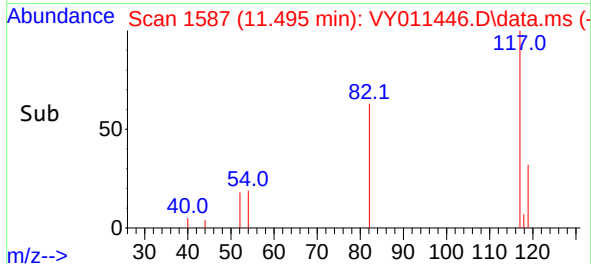
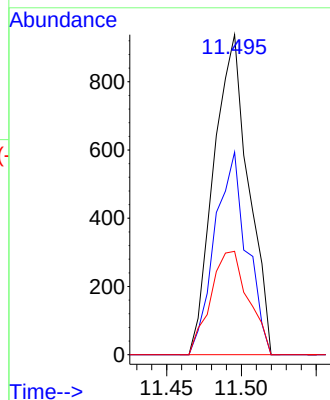
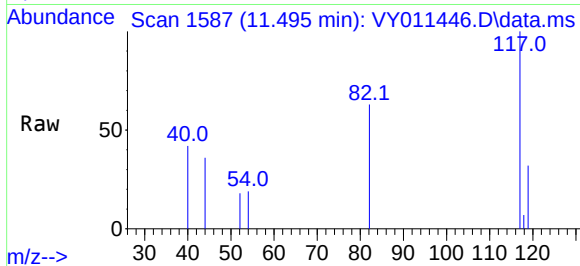




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

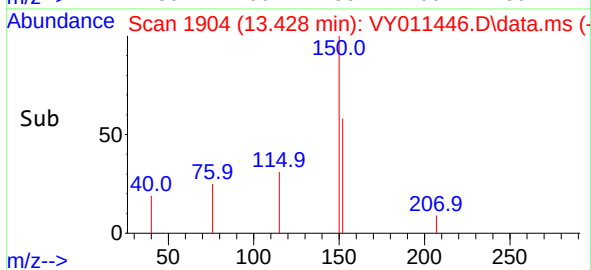
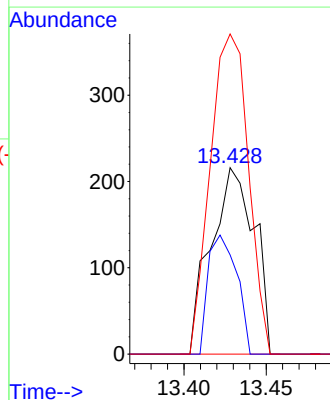
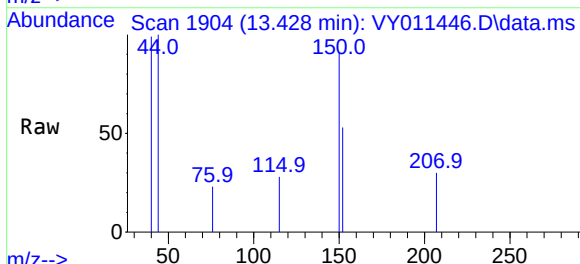
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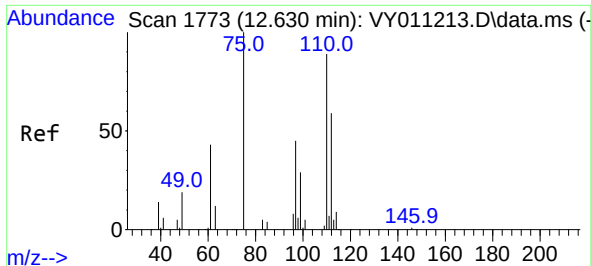
Tgt Ion:117 Resp: 1513
Ion Ratio Lower Upper
117 100
82 63.3 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion:152 Resp: 398
Ion Ratio Lower Upper
152 100
115 42.0 28.2 84.7
150 150.8 0.0 347.6

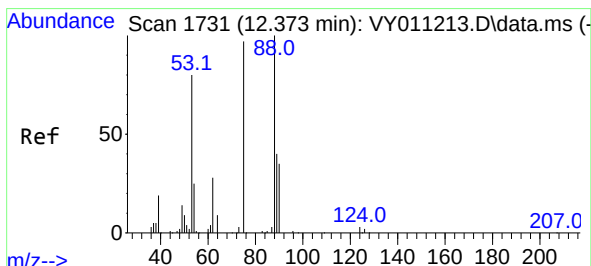
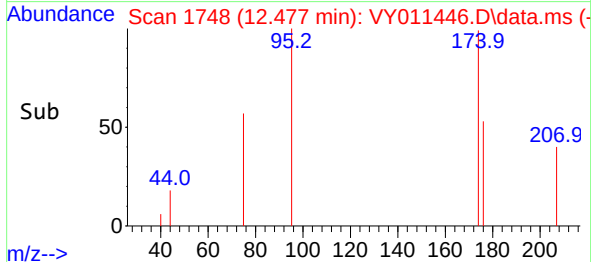
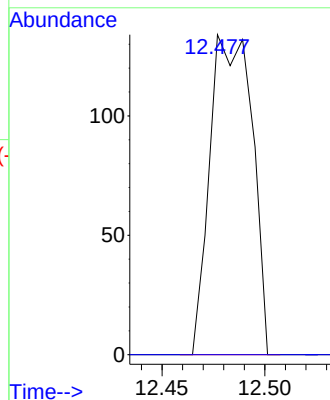
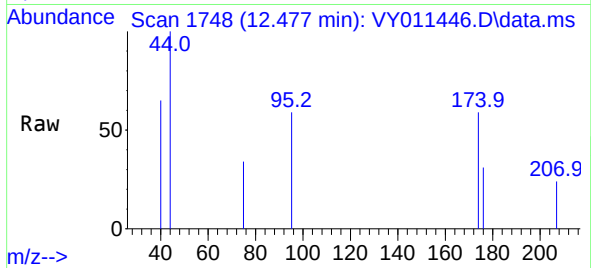




#76
1,2,3-Trichloropropane
Concen: 41.676 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Instrument :
MSVOA_Y
ClientSampleId :
NP-1

Tgt Ion: 75 Resp: 192
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 100.177 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011446.D
Acq: 14 Nov 2022 17:40

Tgt Ion: 75 Resp: 192
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

