

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011696.D
 Acq On : 05 Dec 2022 15:05
 Operator : KP/MD
 Sample : N5845-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-120122RE

Quant Time: Dec 06 00:36:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

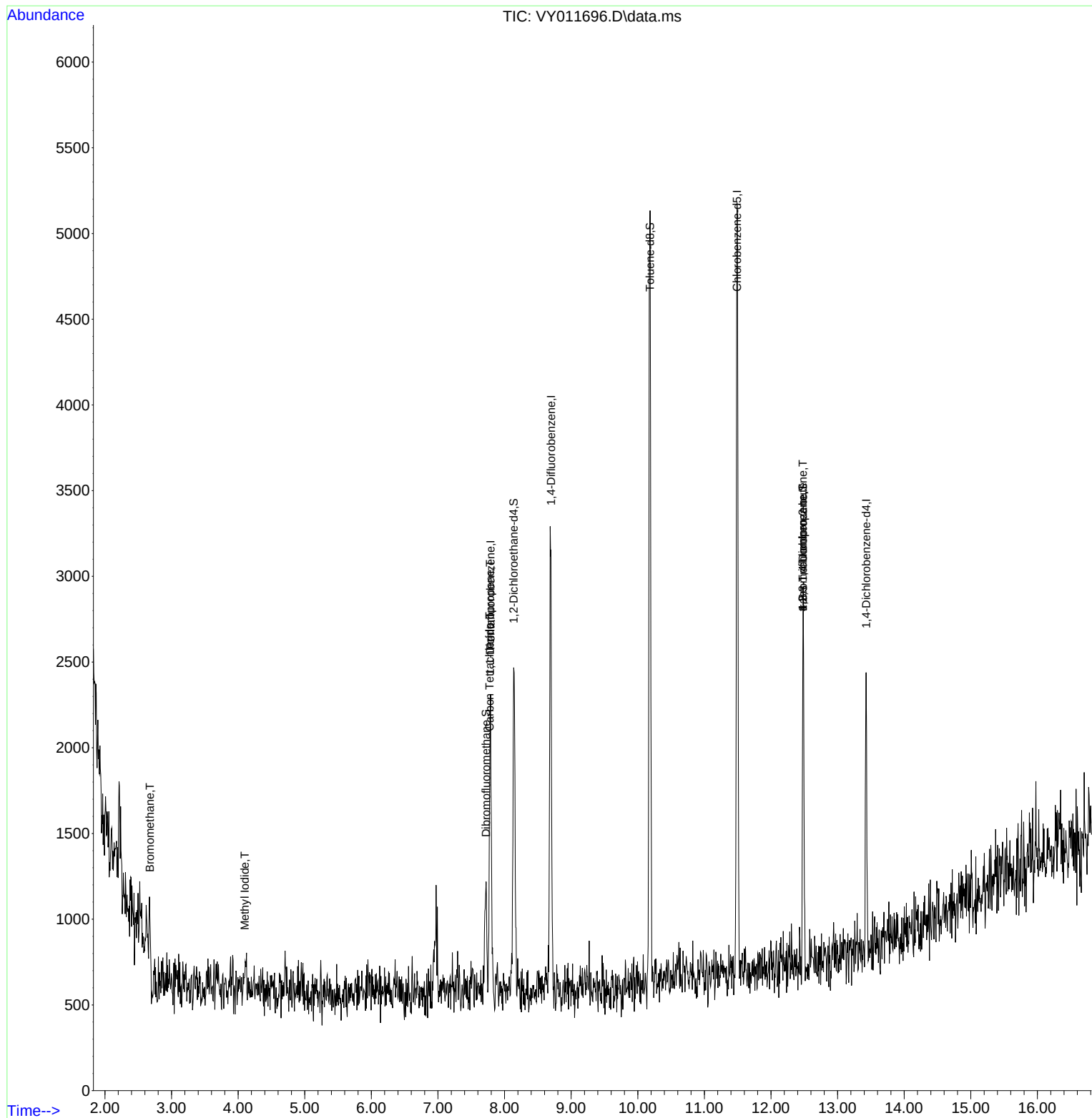
Internal Standards						
1) Pentafluorobenzene	7.789	168	1659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1831	108.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 217.380%#	
35) Dibromofluoromethane	7.722	113	581	30.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 61.580%	
50) Toluene-d8	10.185	98	3790	55.277	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.560%	
62) 4-Bromofluorobenzene	12.477	95	1005	39.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.280%	
Target Compounds						Qvalue
5) Bromomethane	2.674	94	82	3.100	ug/l	99
10) Methyl Iodide	4.101	142	419	22.596	ug/l #	48
18) Methyl Acetate	4.241	43	20	Below Cal	#	56
20) Methylene Chloride	4.735	84	19	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	102	3.458	ug/l #	42
38) Carbon Tetrachloride	7.777	117	42	1.273	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	470	78.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	470	171.311	ug/l #	7

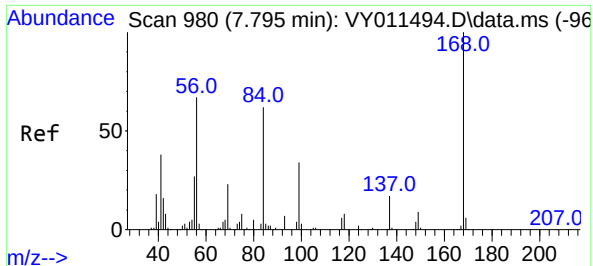
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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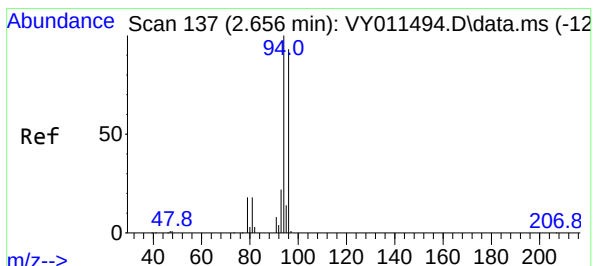
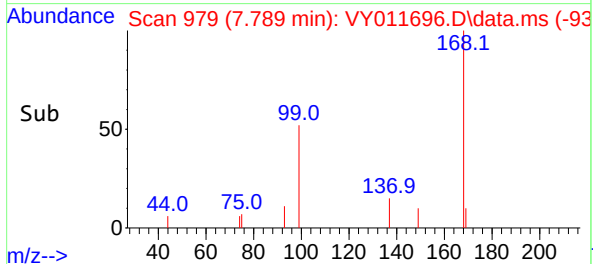
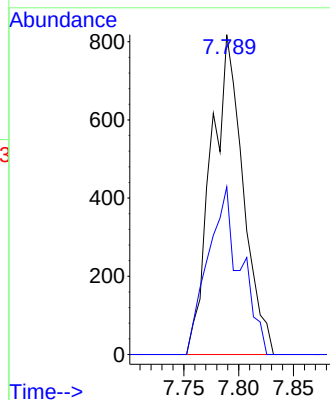
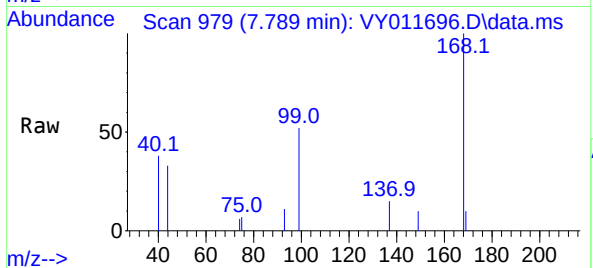




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

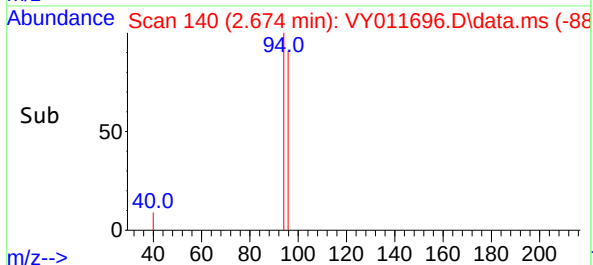
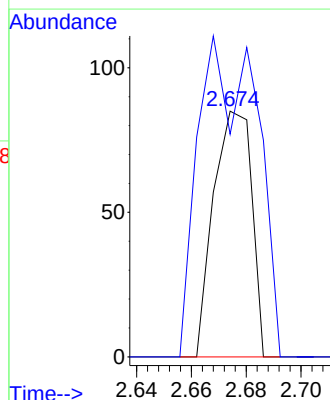
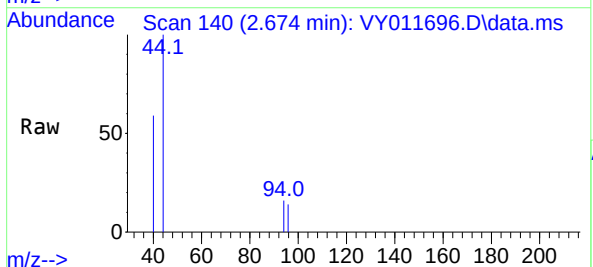
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-120122RE

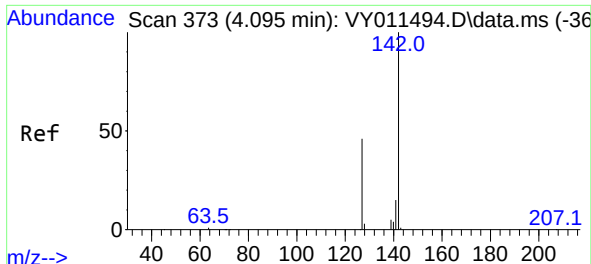
Tgt Ion:168 Resp: 1659
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#5
Bromomethane
Concen: 3.100 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 90.6 73.5 110.3

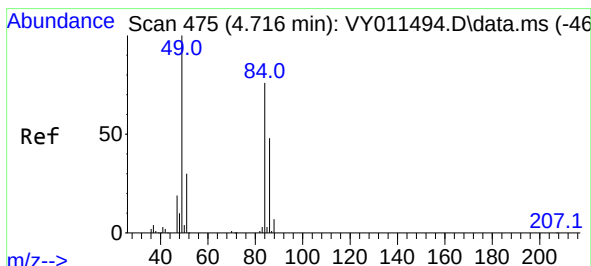
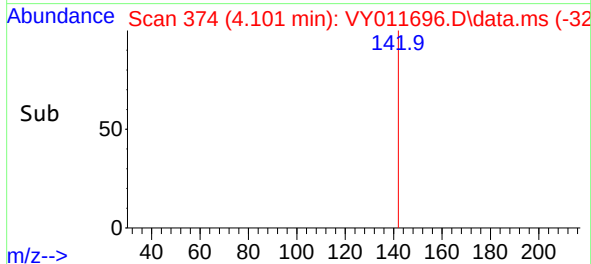
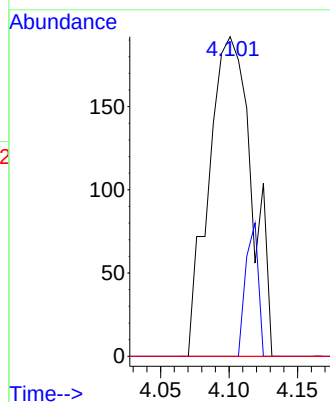
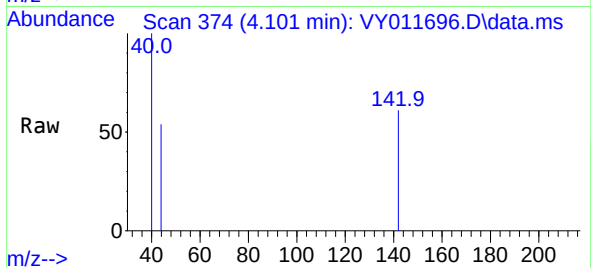




#10
Methyl Iodide
Concen: 22.596 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

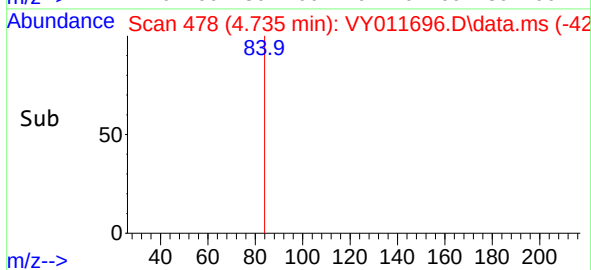
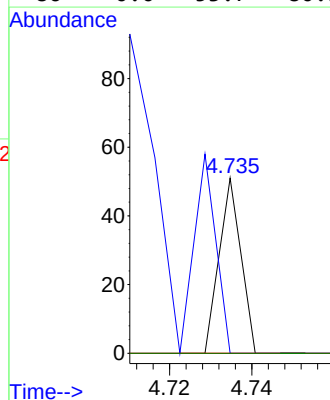
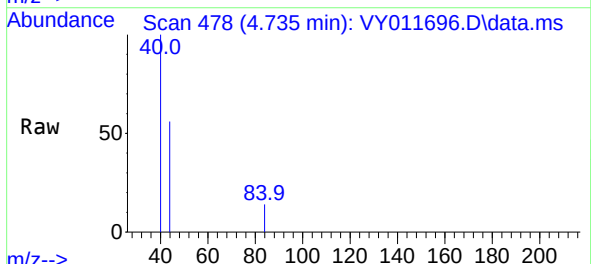
Instrument :
MSVOA_Y
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OR-03-120122RE

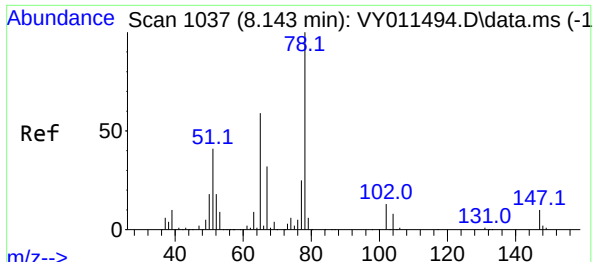
Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
127 12.2 41.5 62.3#
141 0.0 11.9 17.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 84 Resp: 19
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#

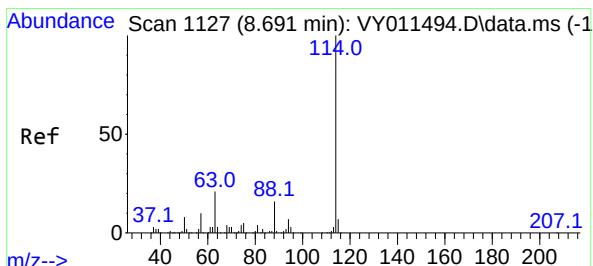
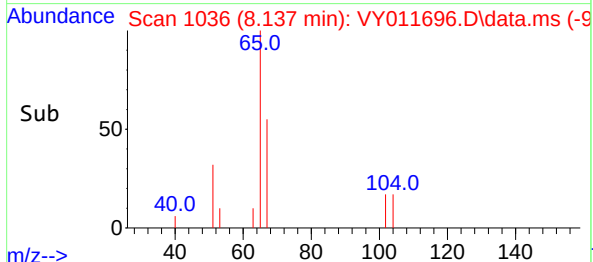
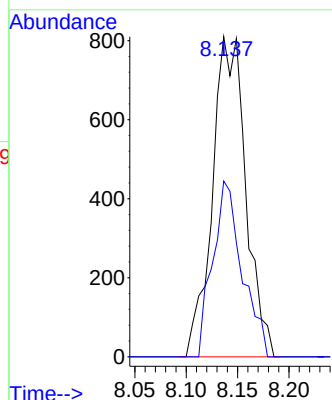
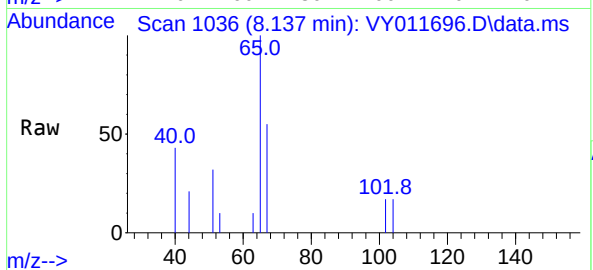




#33
1,2-Dichloroethane-d4
Concen: 108.694 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

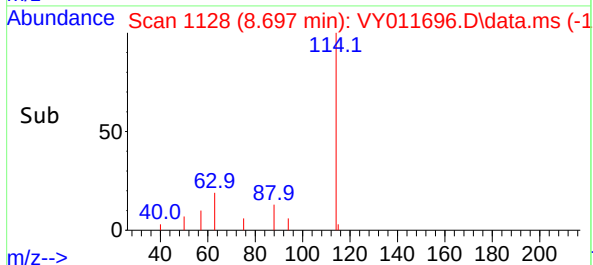
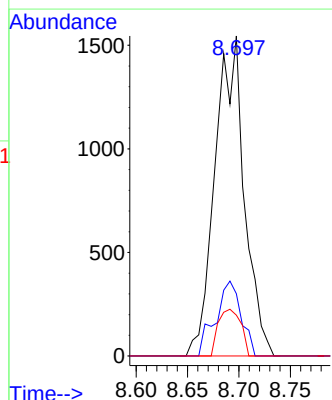
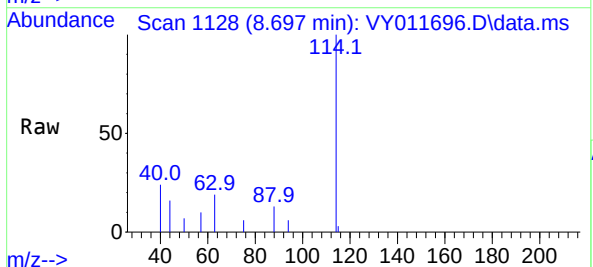
Instrument :
MSVOA_Y
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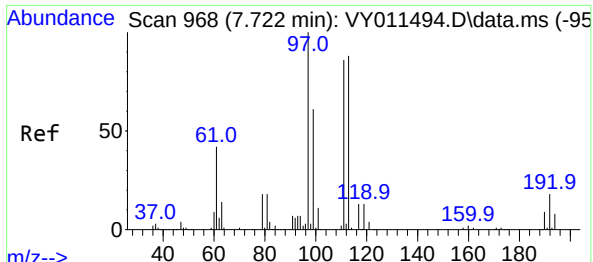
Tgt Ion: 65 Resp: 1831
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 114 Resp: 3065
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 12.8 0.0 31.8

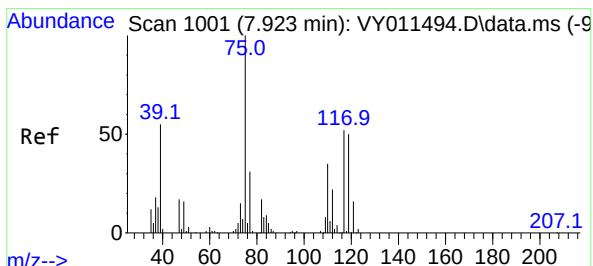
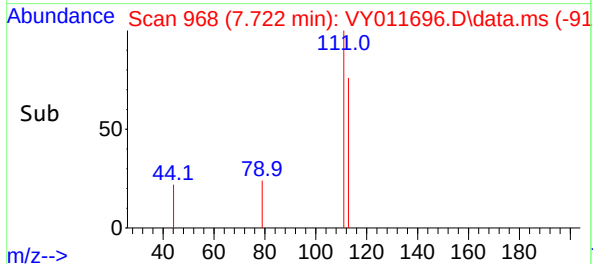
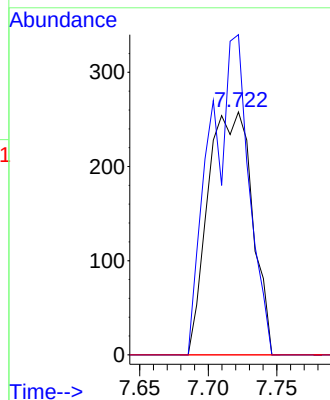
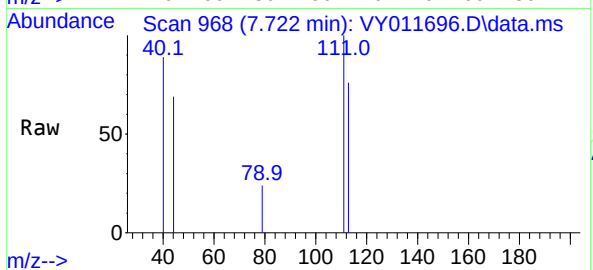




#35
Dibromofluoromethane
Concen: 30.793 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

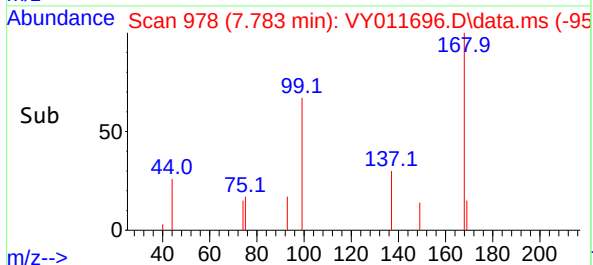
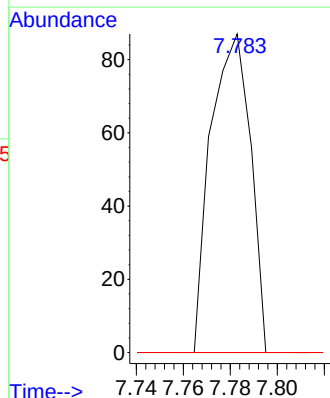
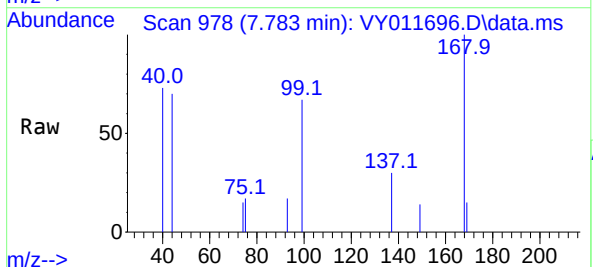
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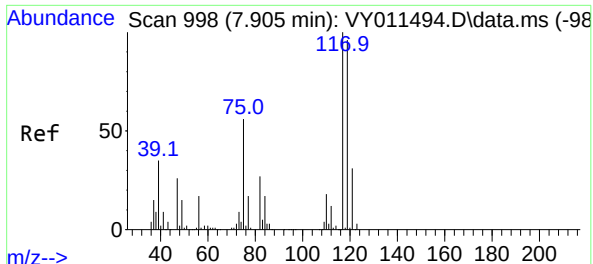
Tgt Ion:113 Resp: 581
Ion Ratio Lower Upper
113 100
111 114.8 82.6 124.0
192 0.0 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.458 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 75 Resp: 102
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

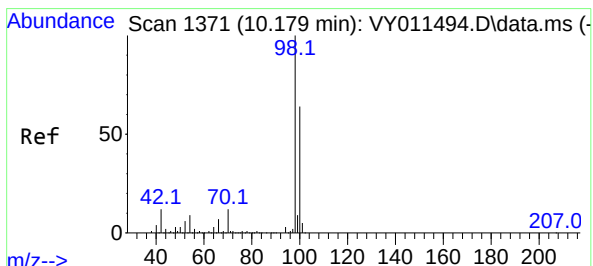
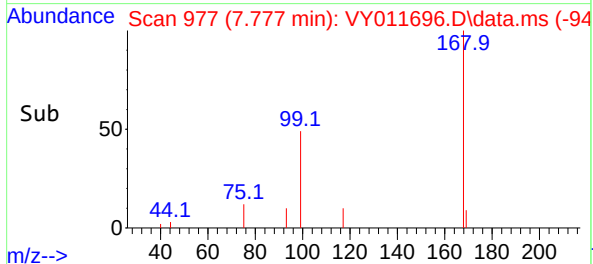
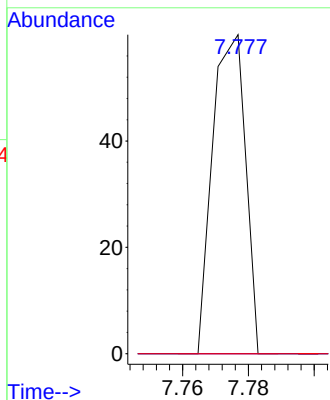
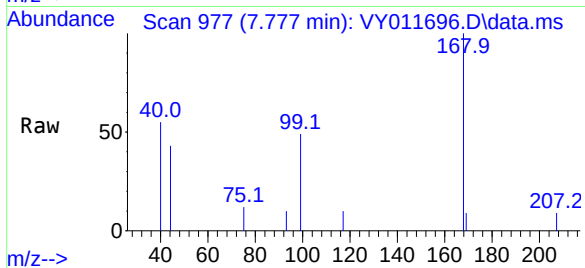




#38
Carbon Tetrachloride
Concen: 1.273 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

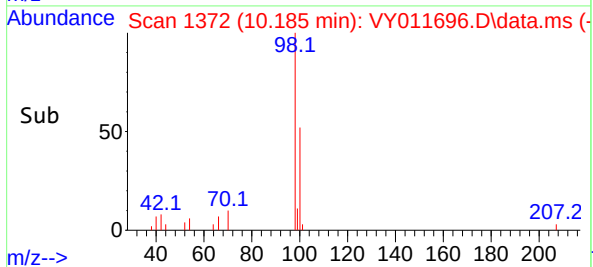
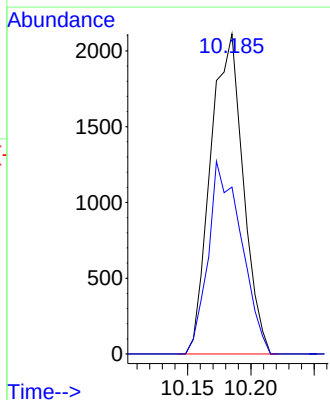
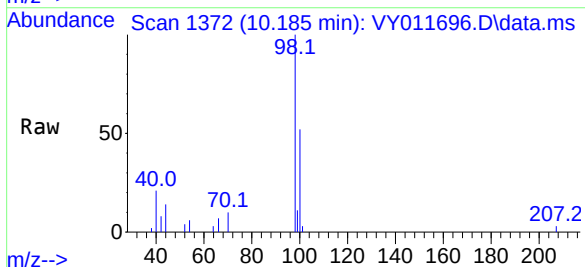
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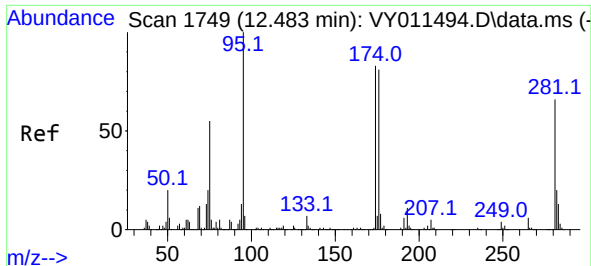
Tgt Ion:117 Resp: 42
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.277 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 98 Resp: 3790
Ion Ratio Lower Upper
98 100
100 60.9 50.2 75.2

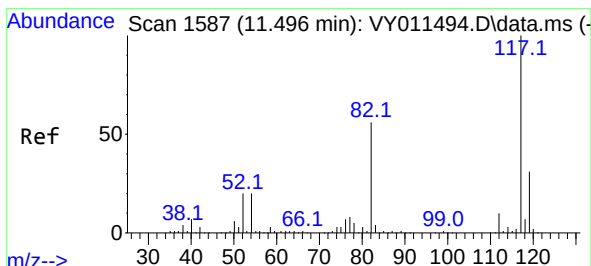
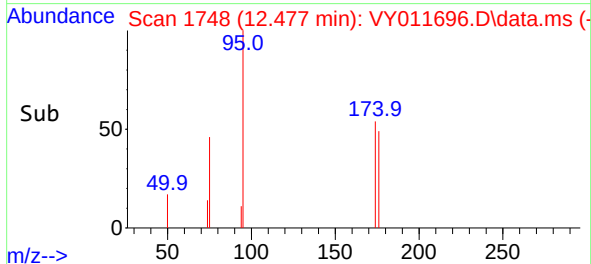
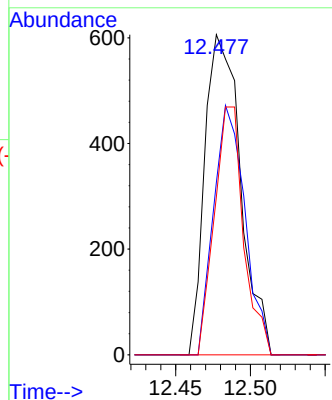
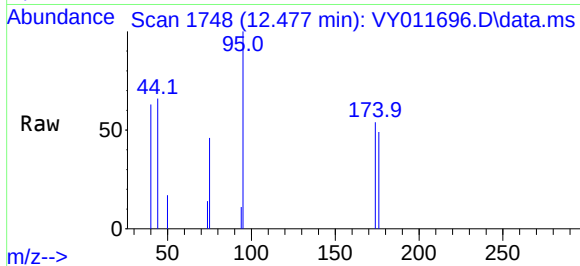




#62
4-Bromofluorobenzene
Concen: 39.645 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

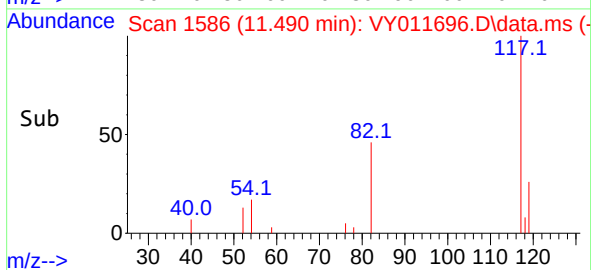
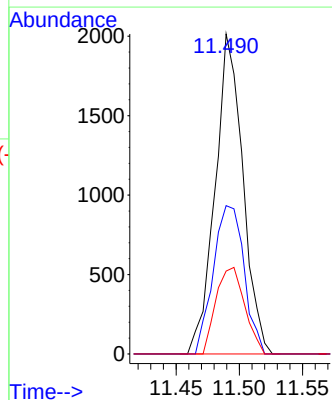
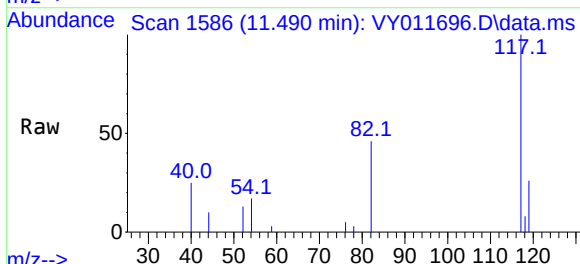
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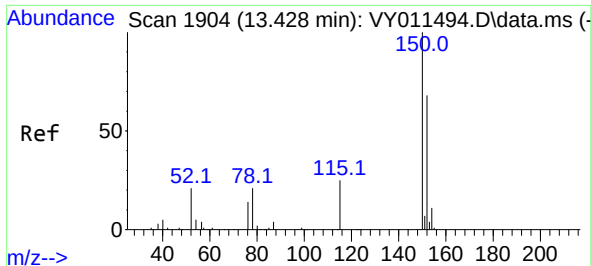
Tgt Ion: 95	Resp: 1005
Ion Ratio	Lower Upper
95	100
174	68.4 0.0 177.0
176	63.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

Tgt Ion: 117	Resp: 3072
Ion Ratio	Lower Upper
117	100
82	46.4 43.0 64.4
119	25.9 25.4 38.0

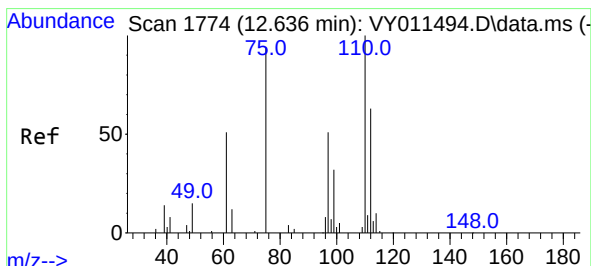
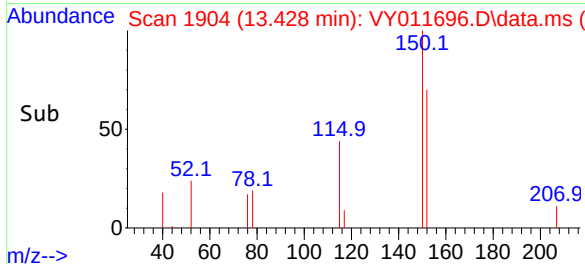
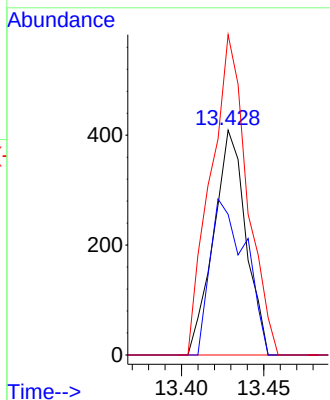
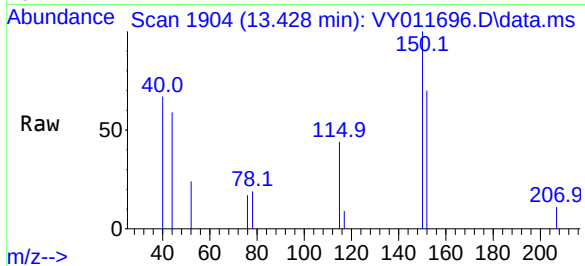




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

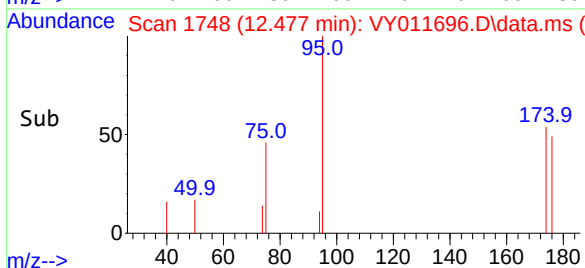
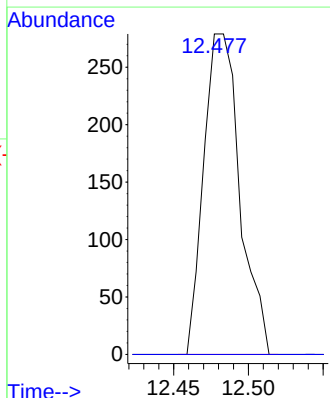
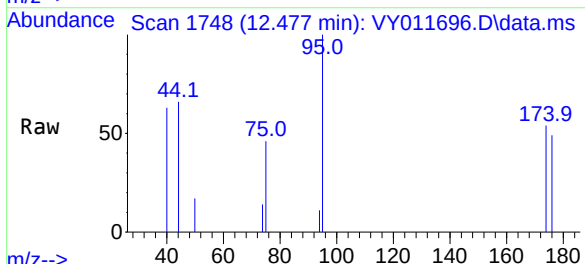
Instrument :
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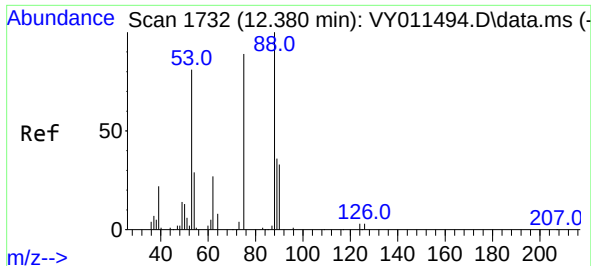
Tgt Ion:152 Resp: 558
Ion Ratio Lower Upper
152 100
115 76.3 28.2 84.7
150 161.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 78.212 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY011696.D
Acq: 05 Dec 2022 15:05

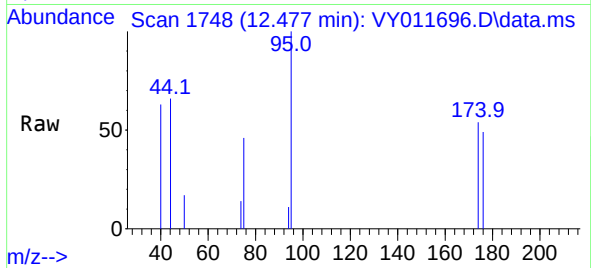
Tgt Ion: 75 Resp: 470
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 171.311 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY011696.D
 Acq: 05 Dec 2022 15:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-120122RE



Tgt Ion: 75 Resp: 470
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

