

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020623\
 Data File : VY012504.D
 Acq On : 06 Feb 2023 18:43
 Operator : KP/MD
 Sample : 01410-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 03:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 03:42:26 2023
 Response via : Initial Calibration

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

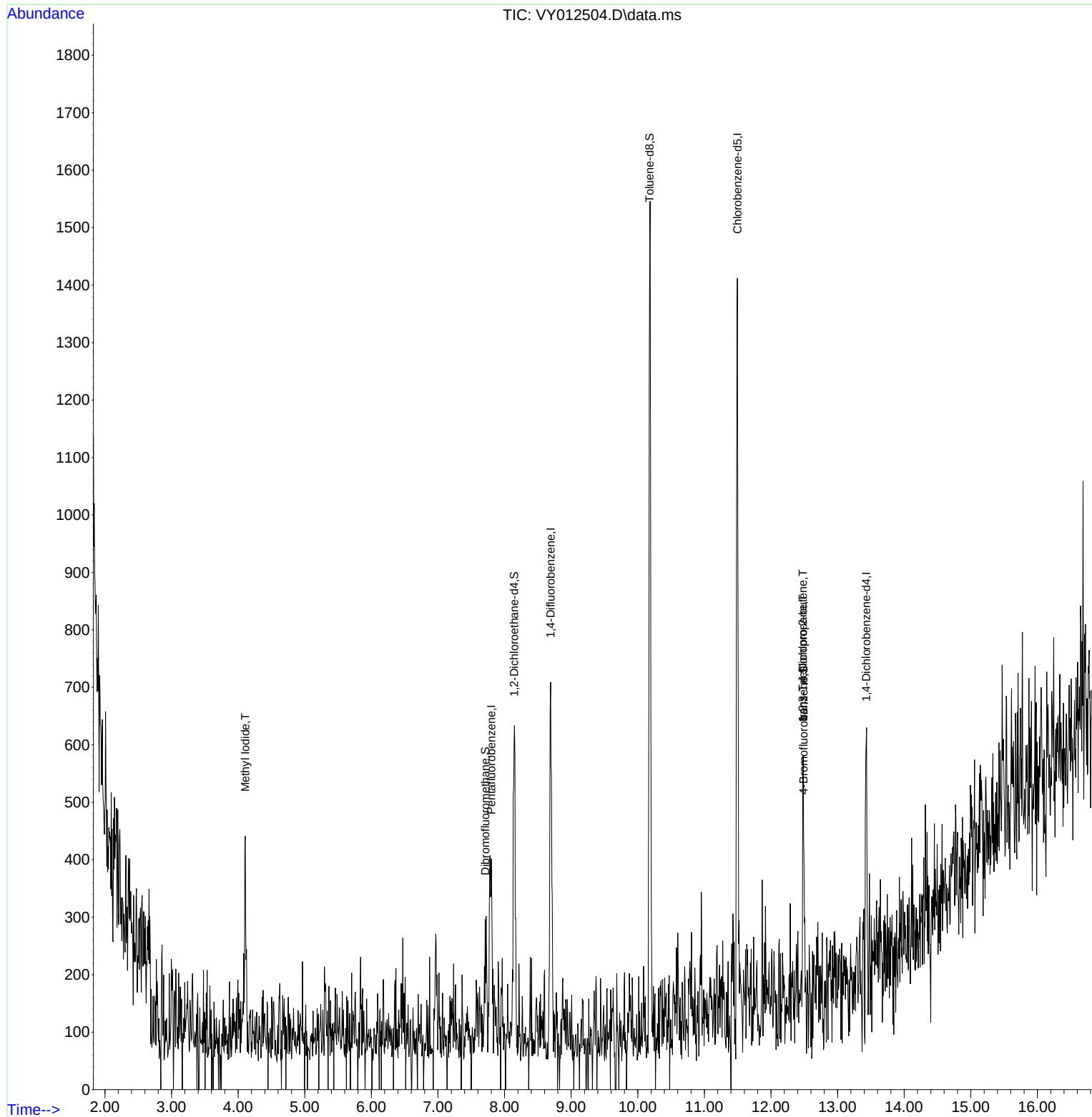
Internal Standards						
1) Pentafluorobenzene	7.801	168	534	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.691	114	1063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	642	96.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.760%#	
35) Dibromofluoromethane	7.710	113	204	27.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 54.420%	
50) Toluene-d8	10.179	98	1303	41.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.620%	
62) 4-Bromofluorobenzene	12.489	95	154	14.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 29.400%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	404	56.430	ug/l	# 74
76) 1,2,3-Trichloropropane	12.477	75	36	18.640	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	36	41.262	ug/l	# 13

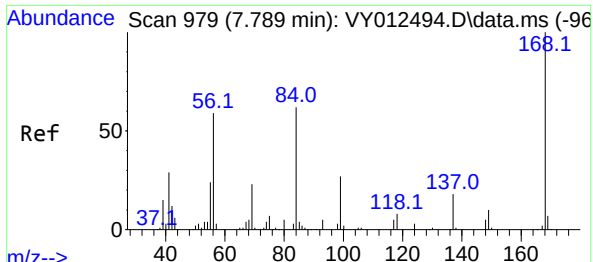
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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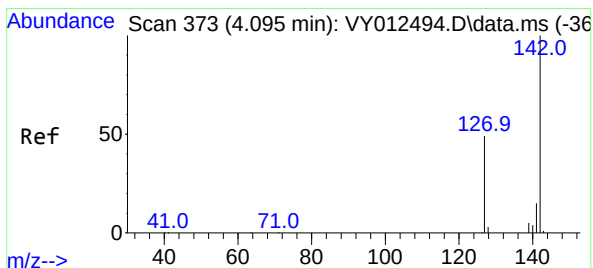
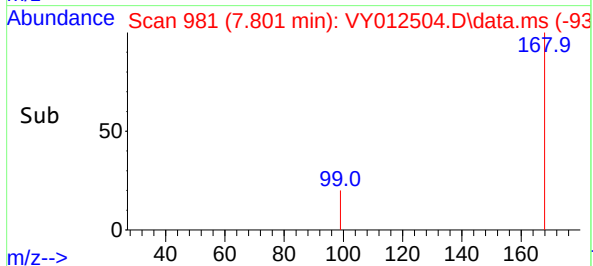
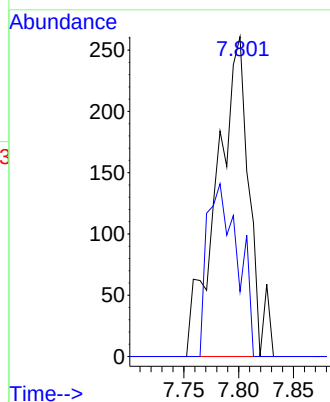
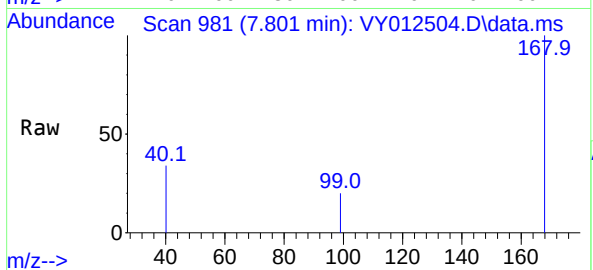




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

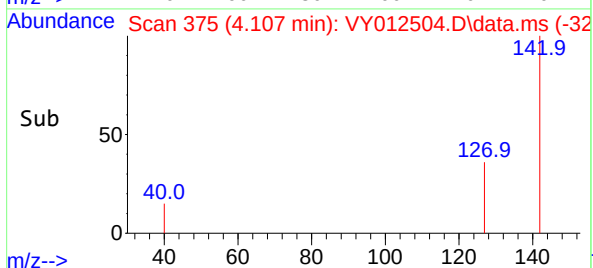
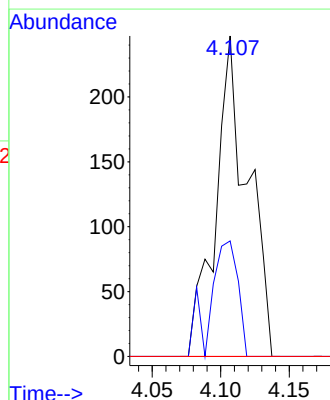
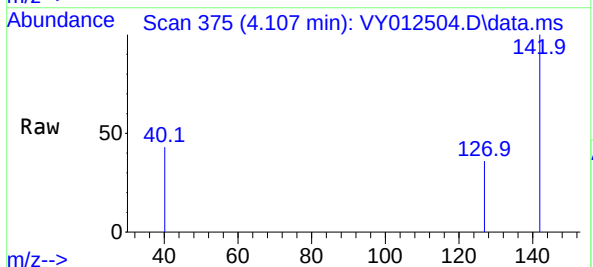
Instrument :
MSVOA_Y
ClientSampleId :

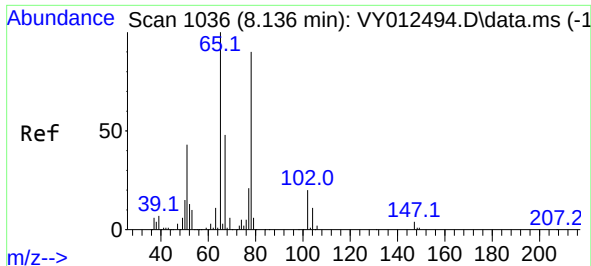
Tgt Ion:168 Resp: 534
Ion Ratio Lower Upper
168 100
99 20.3 44.0 66.0#



#10
Methyl Iodide
Concen: 56.430 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

Tgt Ion:142 Resp: 404
Ion Ratio Lower Upper
142 100
127 30.9 37.0 55.4#
141 0.0 11.4 17.0#

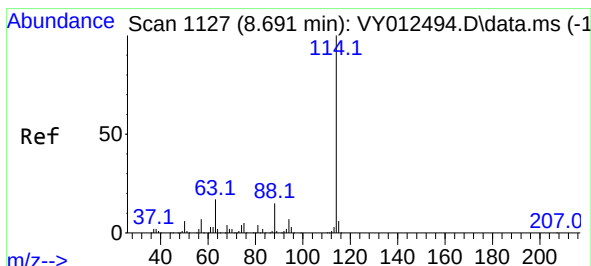
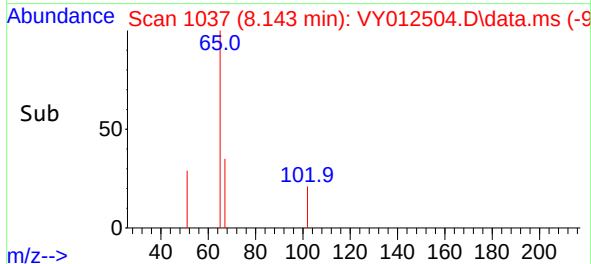
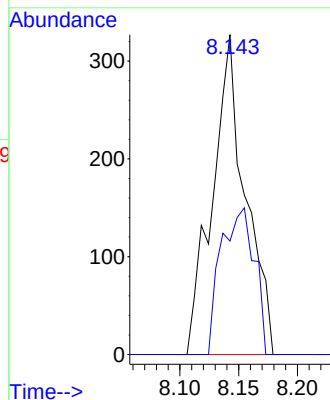
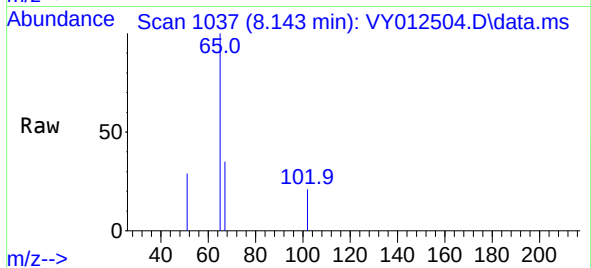




#33
1,2-Dichloroethane-d4
Concen: 96.884 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

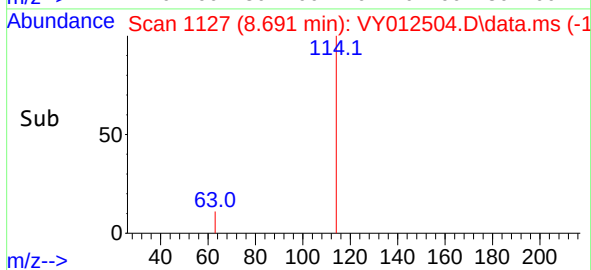
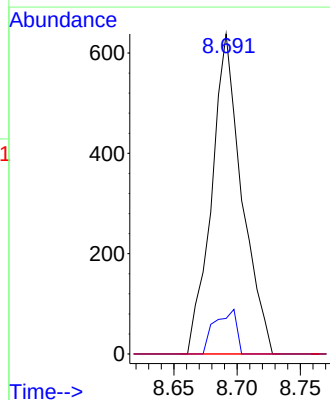
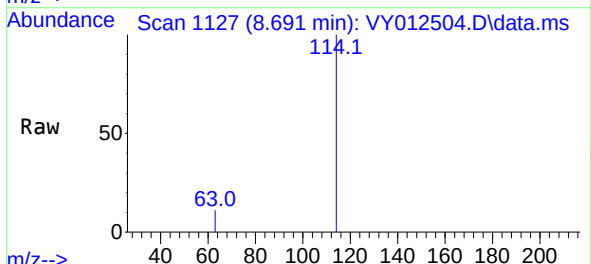
Instrument :
MSVOA_Y
ClientSampleId :

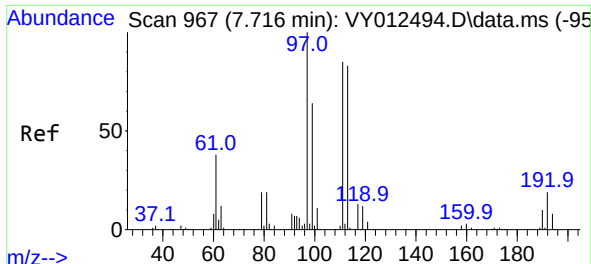
Tgt Ion: 65 Resp: 642
Ion Ratio Lower Upper
65 100
67 46.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

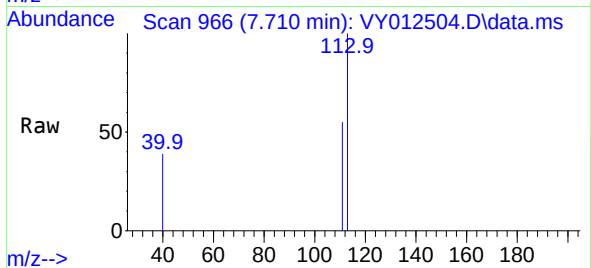
Tgt Ion: 114 Resp: 1063
Ion Ratio Lower Upper
114 100
63 11.1 0.0 39.6
88 0.0 0.0 32.2



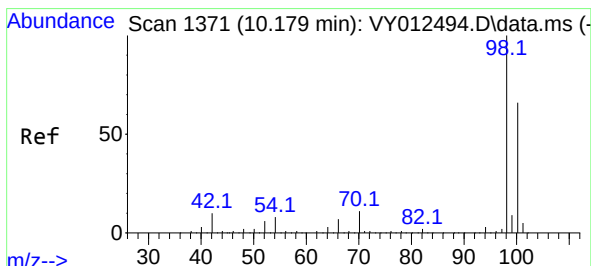
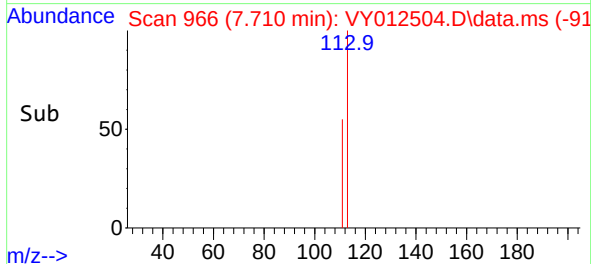
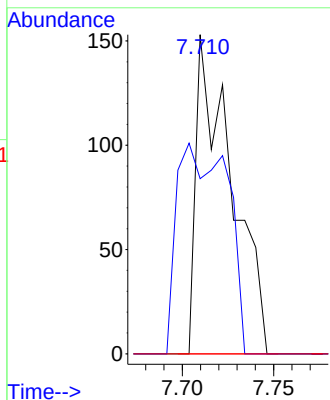


#35
Dibromofluoromethane
Concen: 27.207 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

Instrument :
MSVOA_Y
ClientSampleId :

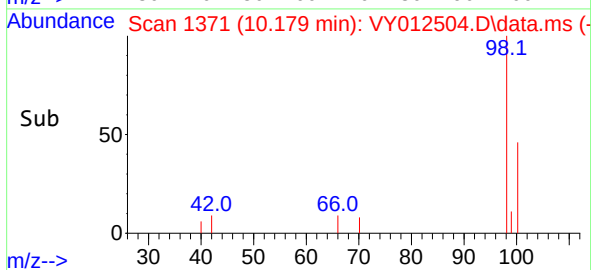
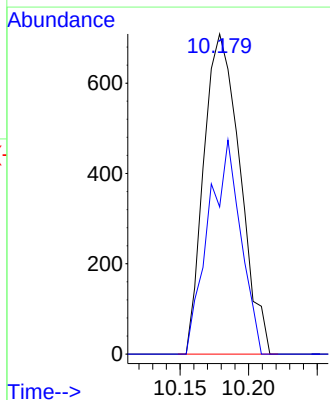
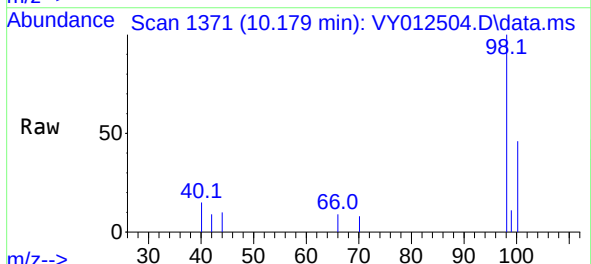


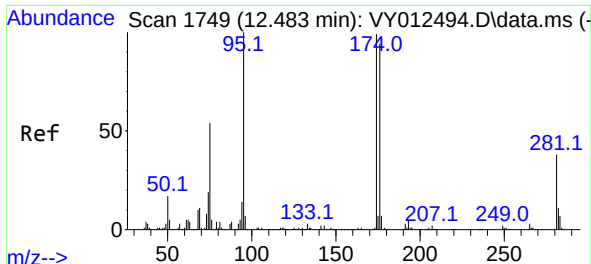
Tgt Ion:113 Resp: 204
Ion Ratio Lower Upper
113 100
111 95.1 83.0 124.4
192 0.0 16.0 24.0#



#50
Toluene-d8
Concen: 41.808 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

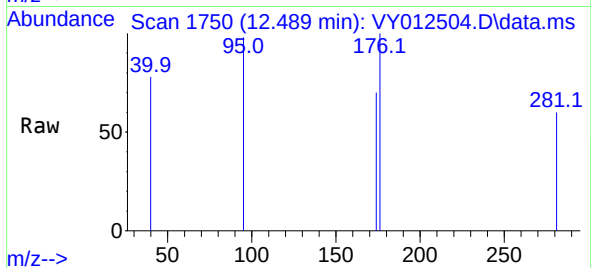
Tgt Ion: 98 Resp: 1303
Ion Ratio Lower Upper
98 100
100 59.7 51.9 77.9



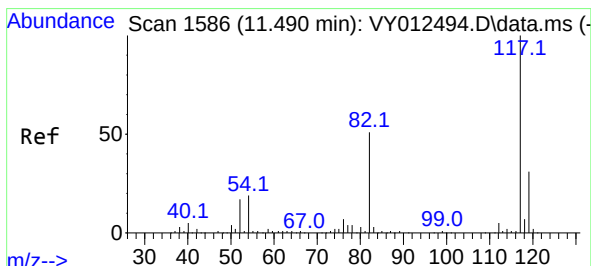
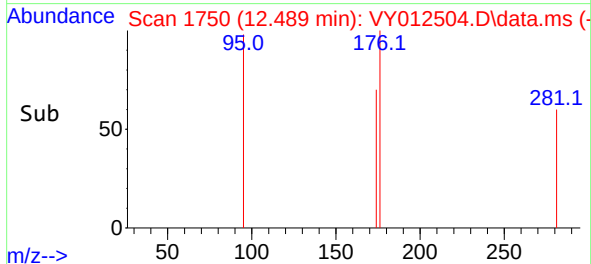
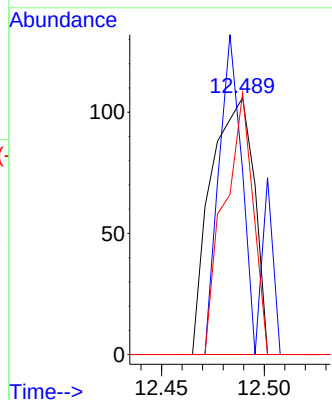


#62
4-Bromofluorobenzene
Concen: 14.702 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

Instrument :
MSVOA_Y
ClientSampleId :

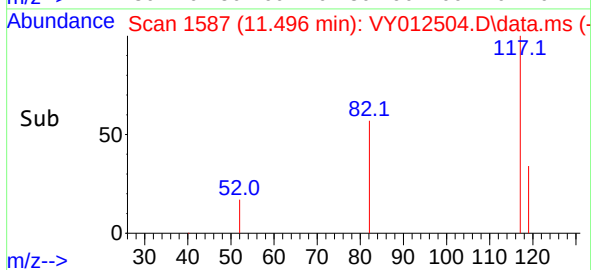
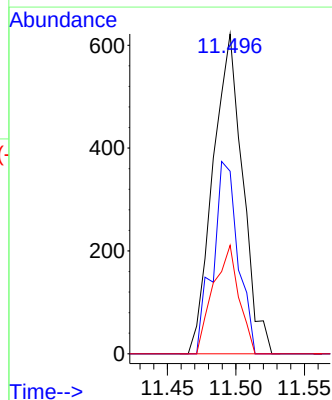
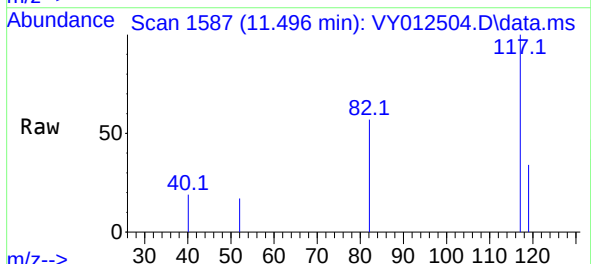


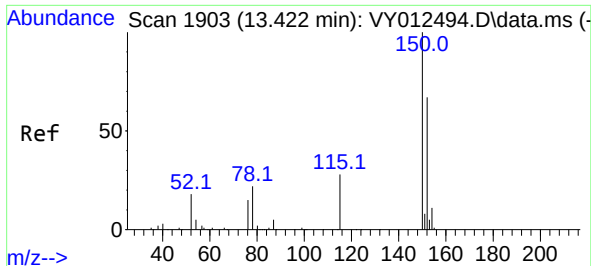
Tgt Ion: 95 Resp: 154
Ion Ratio Lower Upper
95 100
174 83.8 0.0 172.0
176 68.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

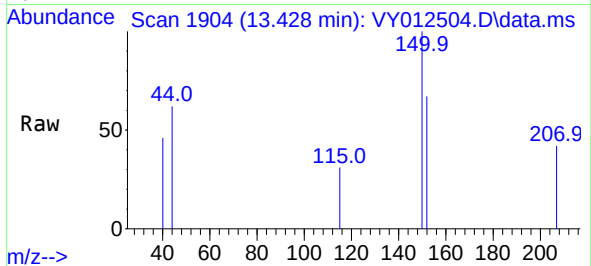
Tgt Ion: 117 Resp: 940
Ion Ratio Lower Upper
117 100
82 57.1 44.8 67.2
119 33.9 25.4 38.2



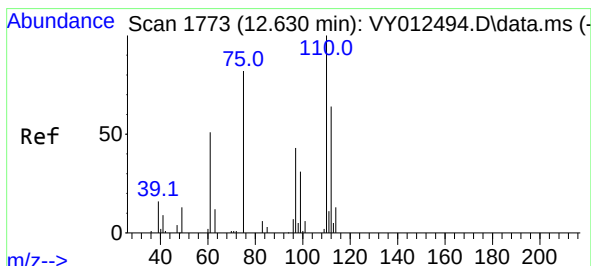
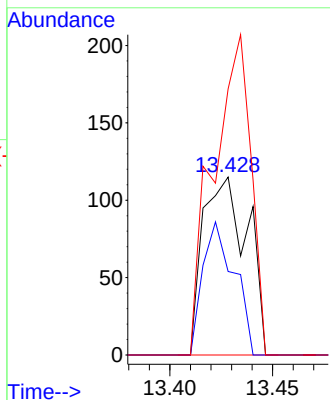
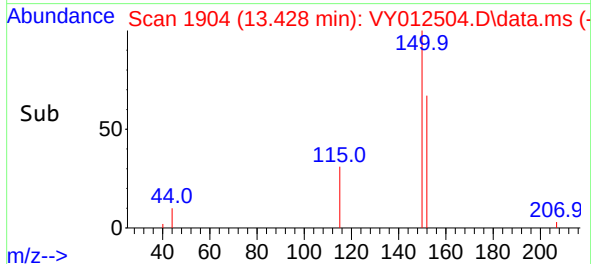


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

Instrument :
MSVOA_Y
ClientSampleId :

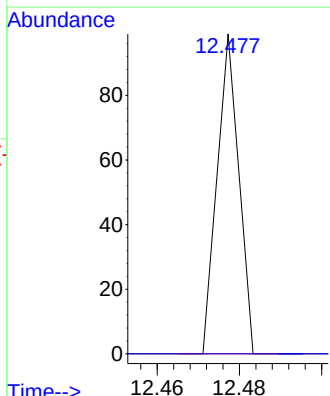
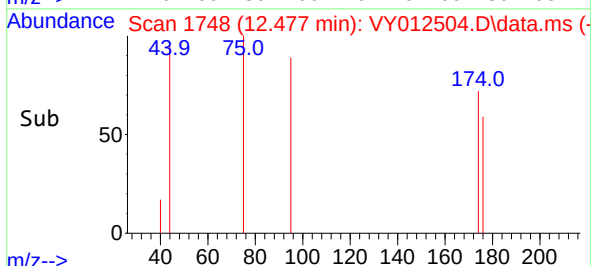
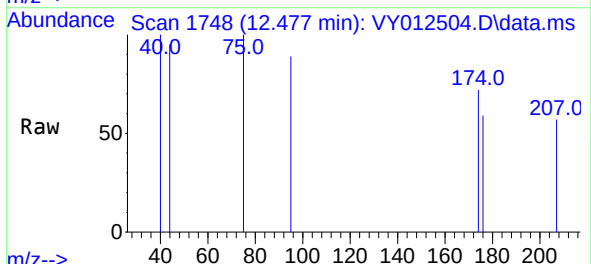


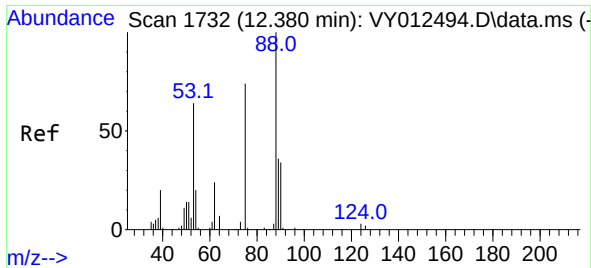
Tgt Ion:152 Resp: 173
Ion Ratio Lower Upper
152 100
115 52.6 29.1 87.3
150 153.2 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 18.640 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY012504.D
Acq: 06 Feb 2023 18:43

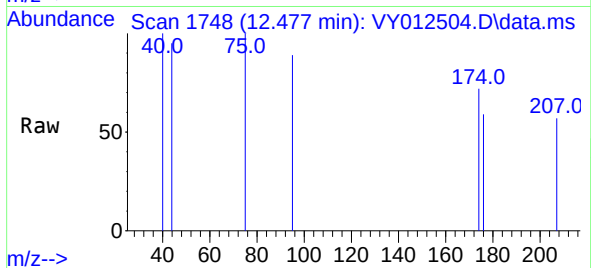
Tgt Ion: 75 Resp: 36
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.262 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012504.D
 Acq: 06 Feb 2023 18:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

