

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017012.D
 Acq On : 17 Jan 2024 15:46
 Operator : SY/MD
 Sample : P1117-06RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 16:12:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

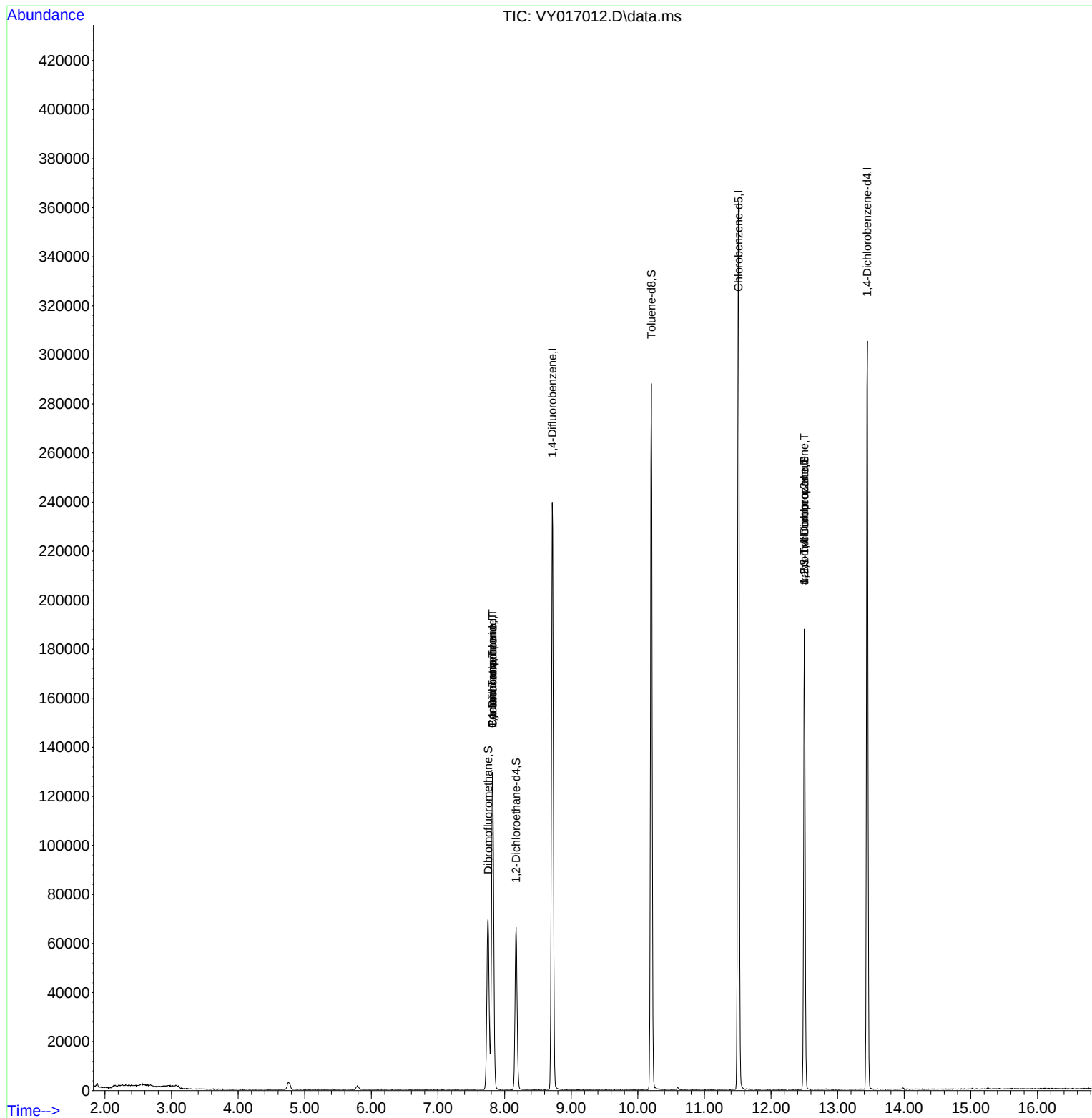
Internal Standards						
1) Pentafluorobenzene	7.819	168	97632	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	209849	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	201698	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	74869	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	49774	51.582	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.752	113	51285	38.352	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.700%	
50) Toluene-d8	10.203	98	186156	40.427	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.860%	
62) 4-Bromofluorobenzene	12.501	95	58885	37.902	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.800%	
Target Compounds						
					Qvalue	
16) Acetone	3.978	43	147	Below Cal	#	41
20) Methylene Chloride	4.765	84	2630	Below Cal	#	82
31) Cyclohexane	7.819	56	2211	1.335	ug/l #	9
36) 1,1-Dichloropropene	7.819	75	8464	4.343	ug/l #	49
38) Carbon Tetrachloride	7.819	117	10468	5.287	ug/l #	16
76) 1,2,3-Trichloropropane	12.501	75	31345	38.580	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	31345	87.606	ug/l #	12

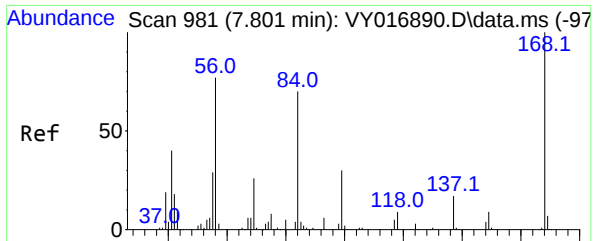
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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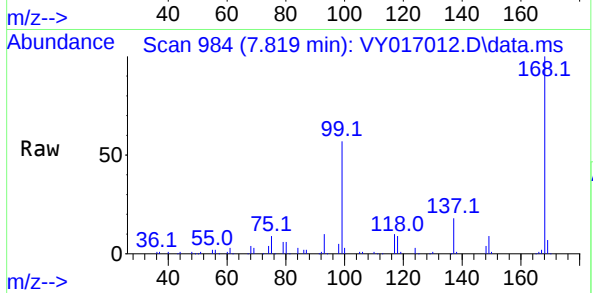
Quant Time: Jan 17 16:12:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



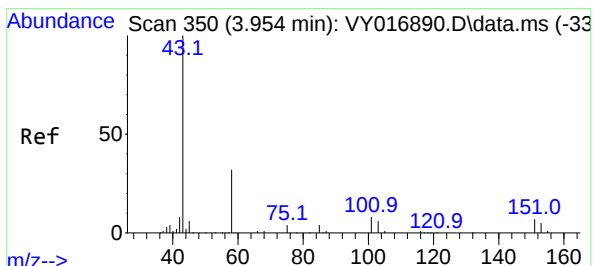
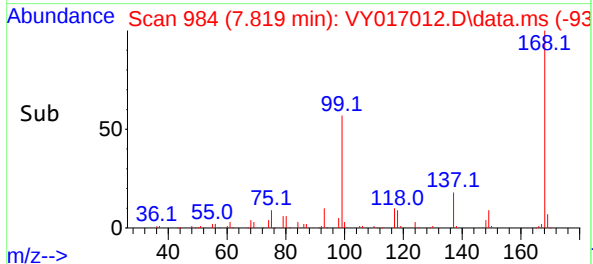
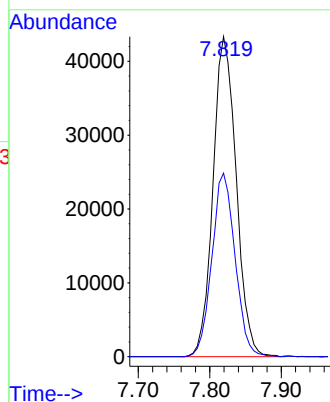


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

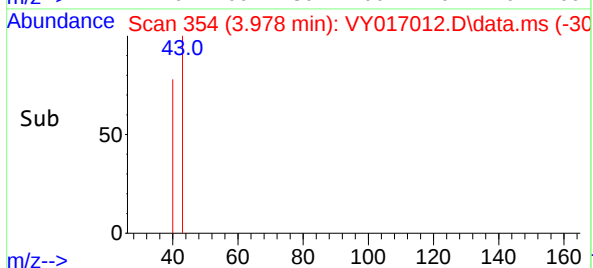
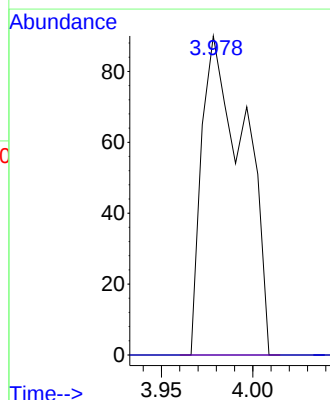
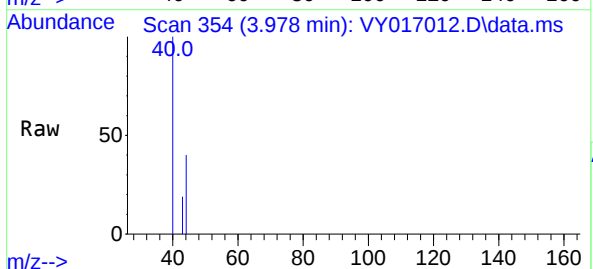


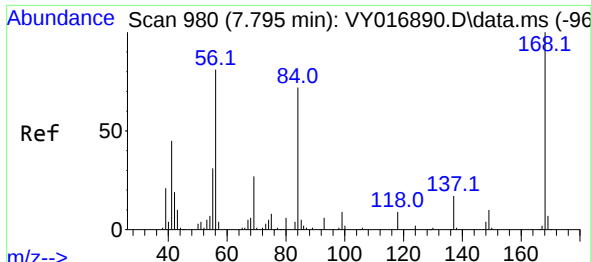
Tgt Ion:168 Resp: 97632
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.978 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

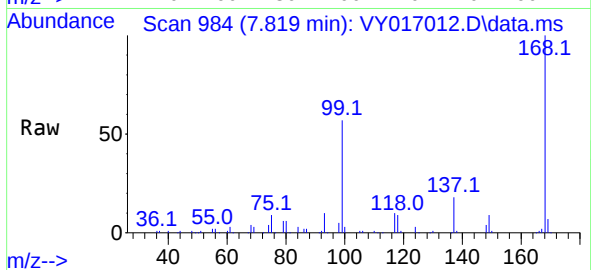
Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



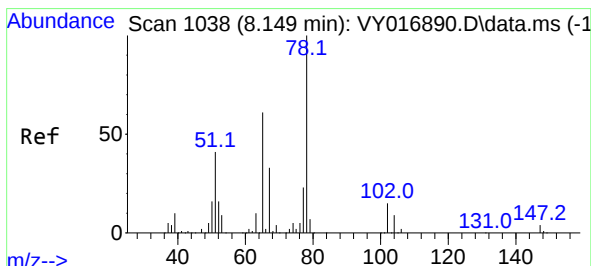
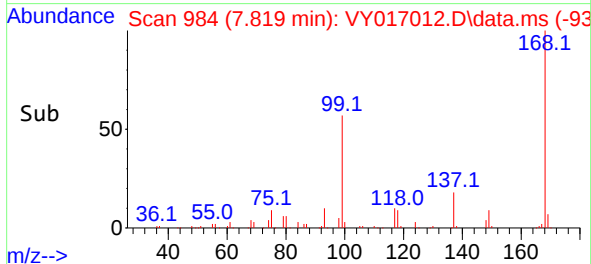
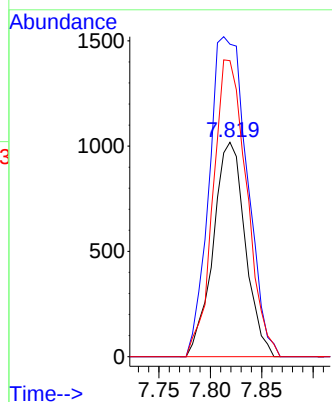


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

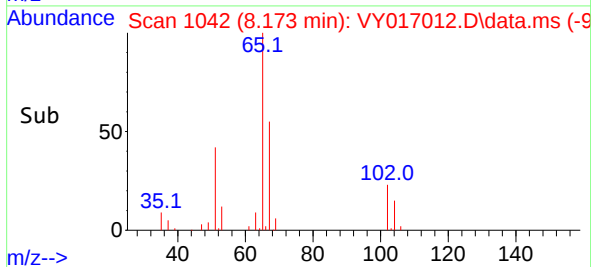
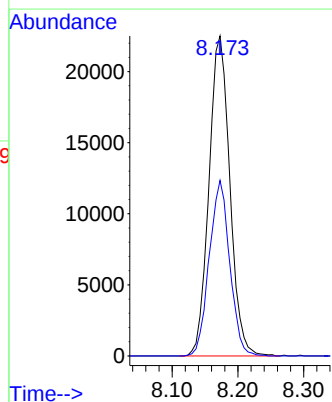
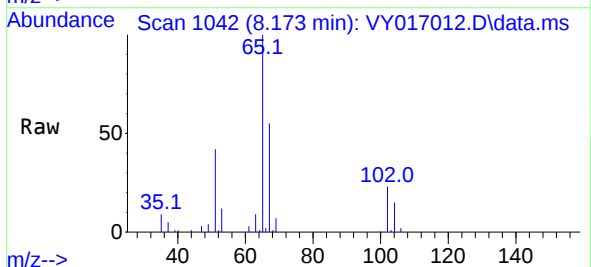


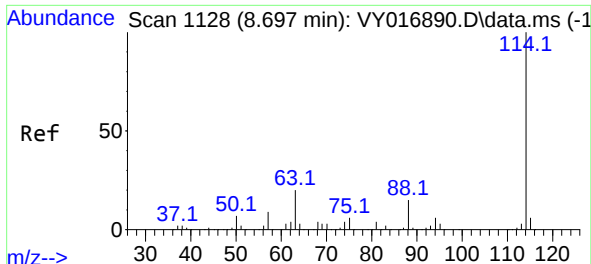
Tgt Ion: 56 Resp: 2211
Ion Ratio Lower Upper
56 100
69 145.8 27.0 40.6#
84 138.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.582 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Tgt Ion: 65 Resp: 49774
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0

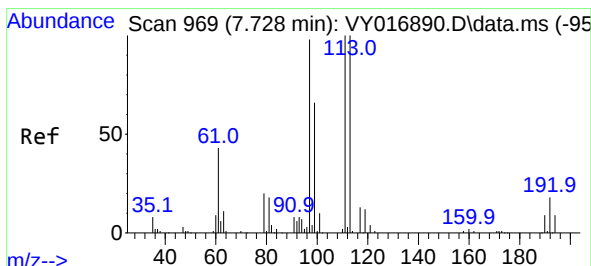
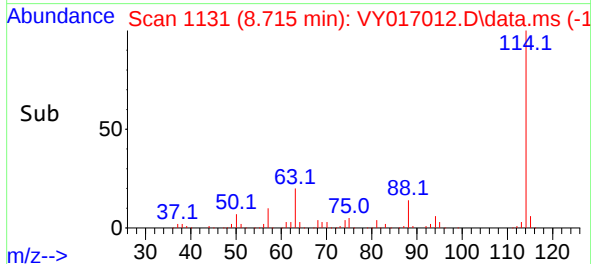
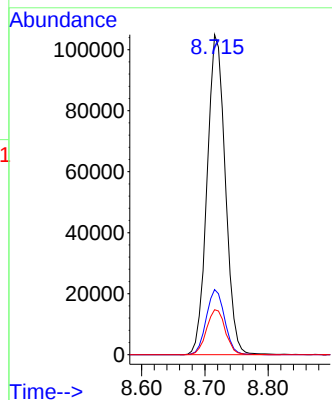
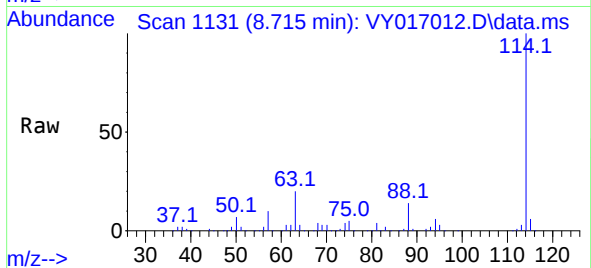




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.715 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

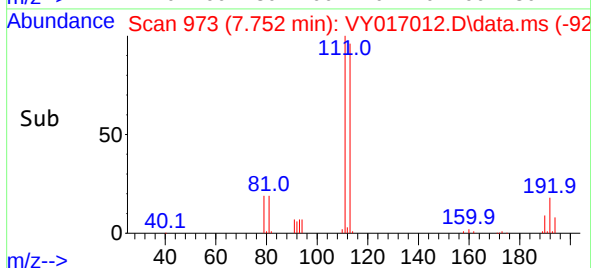
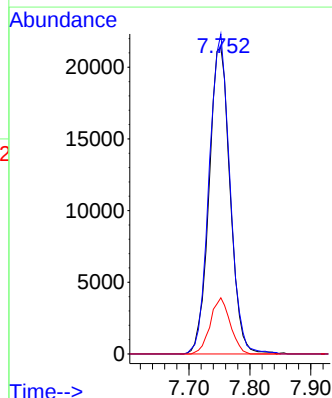
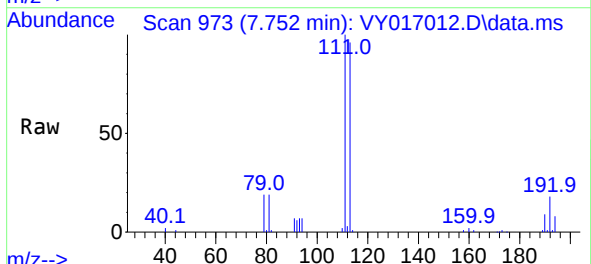
Instrument :
MSVOA_Y
ClientSampleId :

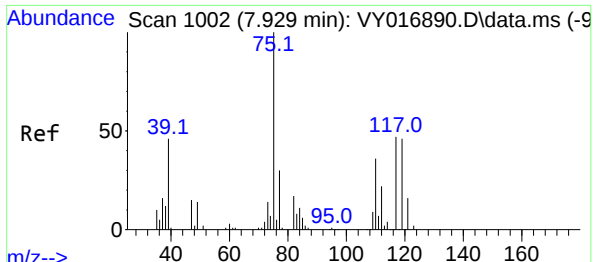
Tgt Ion:114 Resp: 209849
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 14.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 38.352 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.024 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

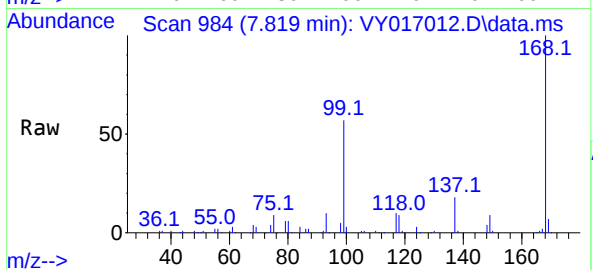
Tgt Ion:113 Resp: 51285
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 17.3 14.5 21.7



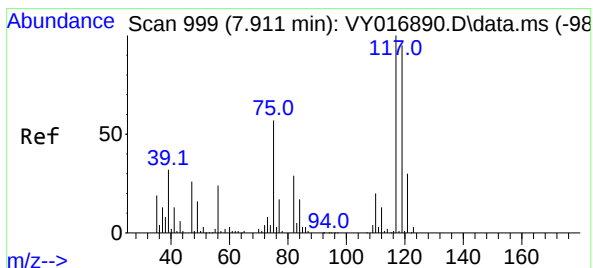
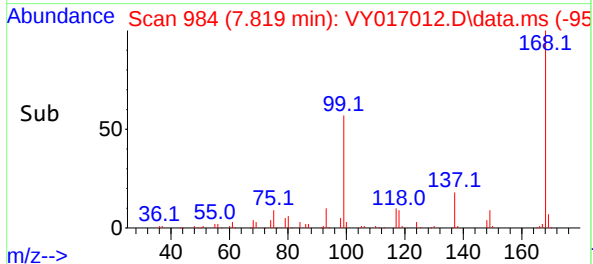
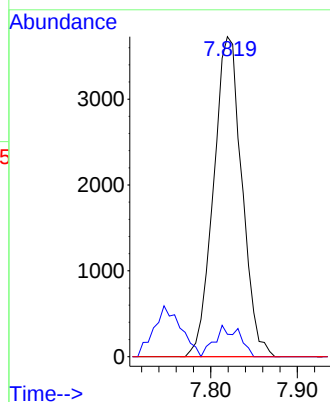


#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

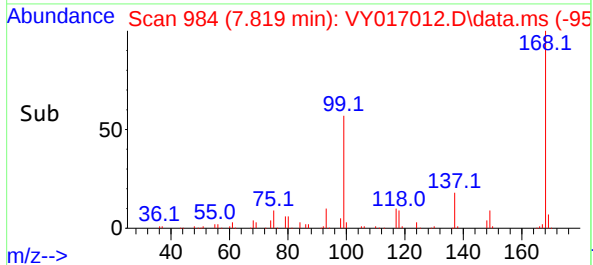
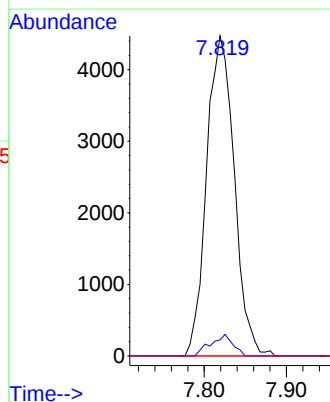
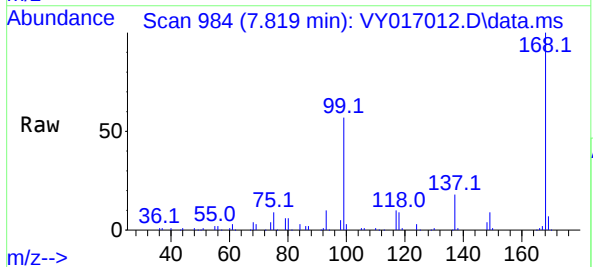


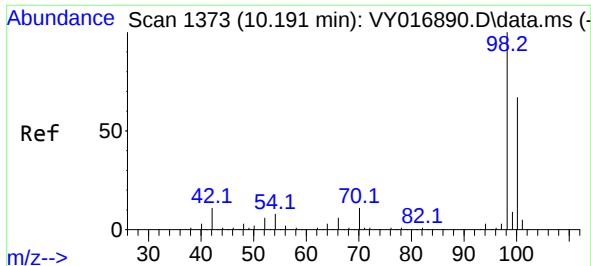
Tgt Ion: 75 Resp: 8464
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.098 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Tgt Ion: 117 Resp: 10468
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.2 36.2#

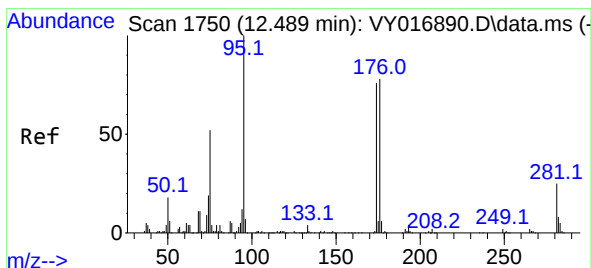
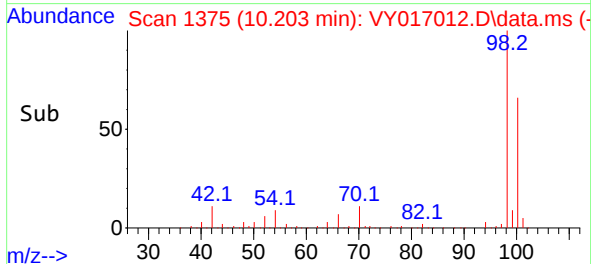
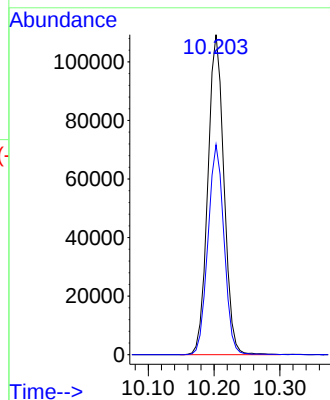
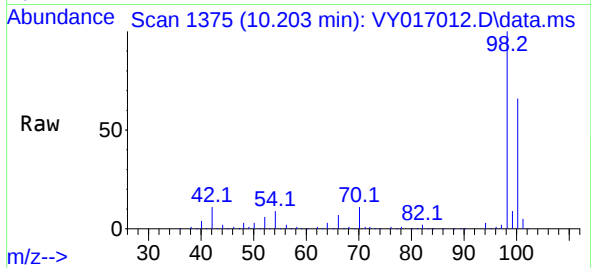




#50
Toluene-d8
Concen: 40.427 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

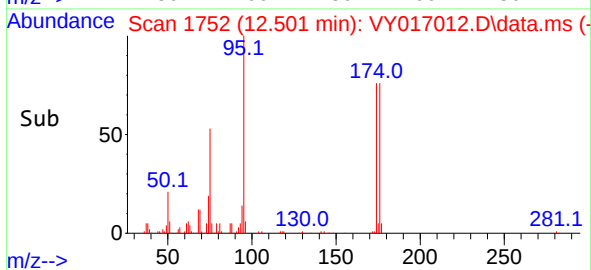
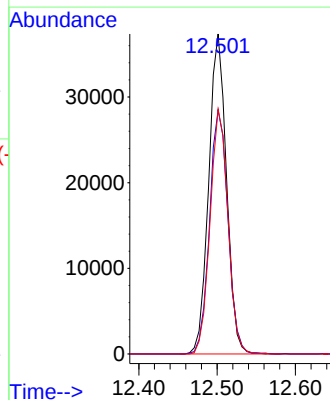
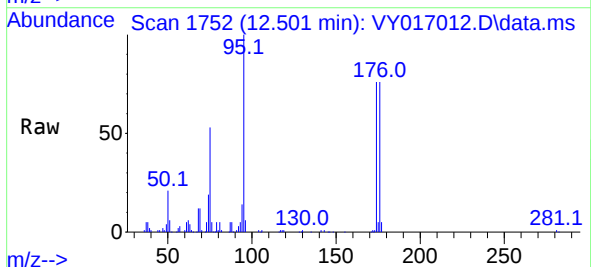
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MSVOA_Y
ClientSampleId :

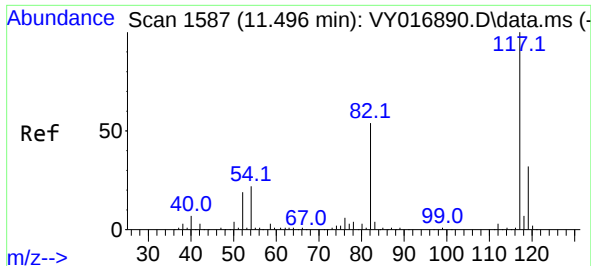
Tgt Ion: 98 Resp: 186156
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.902 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

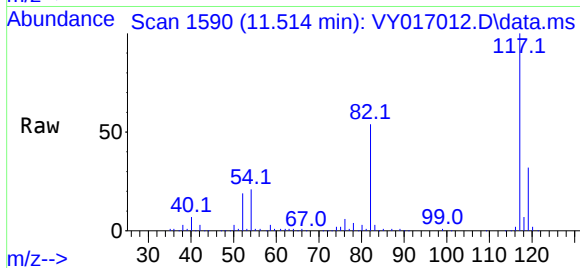
Tgt Ion: 95 Resp: 58885
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 76.6 0.0 151.8



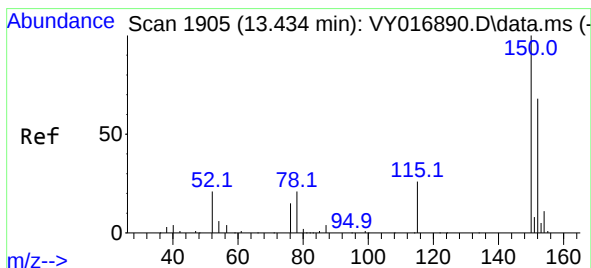
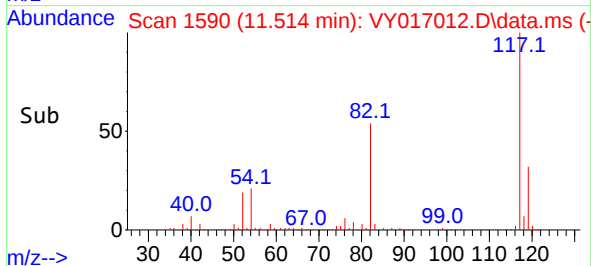
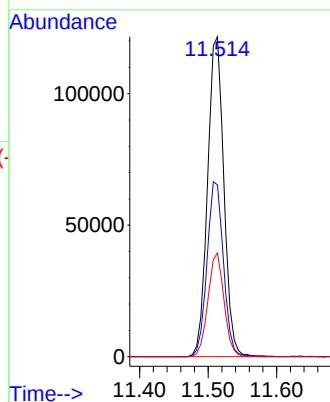


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

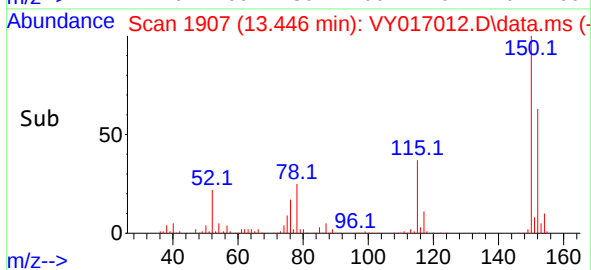
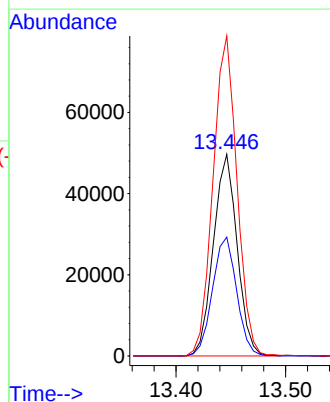
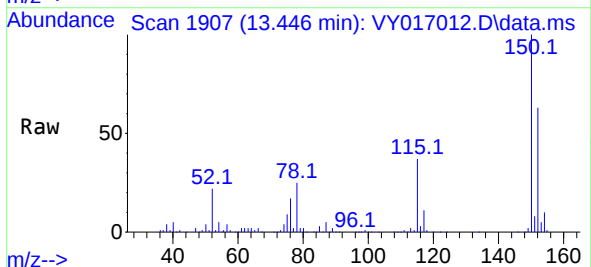


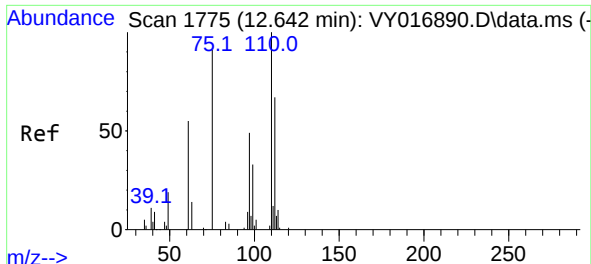
Tgt Ion:117 Resp: 201698
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Tgt Ion:152 Resp: 74869
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 160.1 0.0 344.6

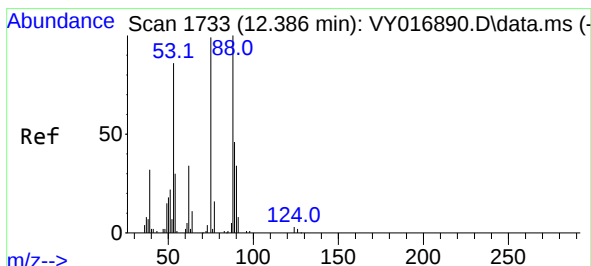
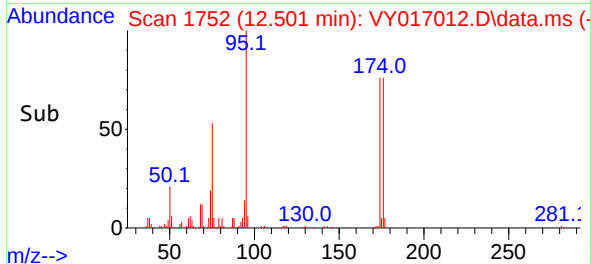
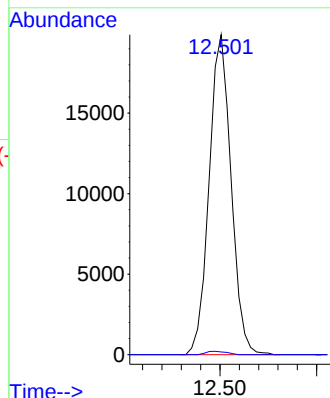
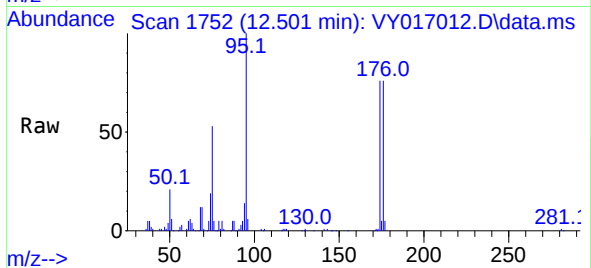




#76
1,2,3-Trichloropropane
Concen: 38.580 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31345
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.606 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017012.D
Acq: 17 Jan 2024 15:46

Tgt Ion: 75 Resp: 31345
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

