

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017016.D
 Acq On : 17 Jan 2024 17:19
 Operator : SY/MD
 Sample : P1117-11RE
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 17:27:28 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)

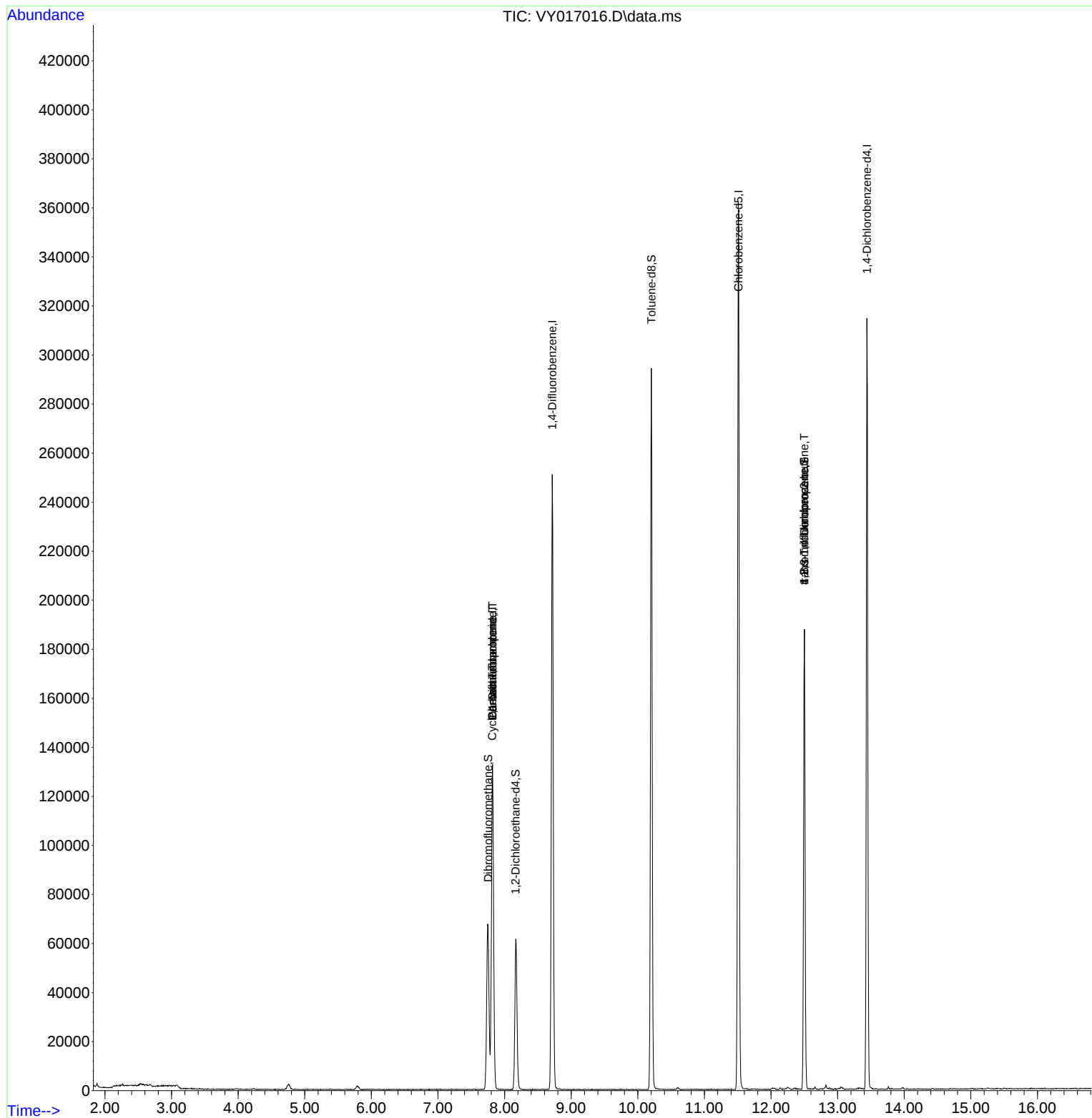
Internal Standards						
1) Pentafluorobenzene	7.819	168	97872	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	212378	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	199902	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	77849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	47218	48.813	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.752	113	50825	37.555	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.100%
50) Toluene-d8	10.203	98	187646	40.265	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.520%
62) 4-Bromofluorobenzene	12.501	95	59038	37.548	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.100%
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	283	Below Cal	#	41
20) Methylene Chloride	4.765	84	1762	Below Cal		93
31) Cyclohexane	7.813	56	2481	1.494	ug/l #	14
36) 1,1-Dichloropropene	7.819	75	8307	4.212	ug/l #	50
38) Carbon Tetrachloride	7.819	117	9926	4.953	ug/l #	17
76) 1,2,3-Trichloropropane	12.501	75	31888	37.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	31888	85.712	ug/l #	12

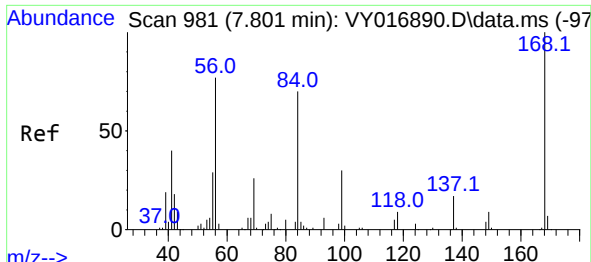
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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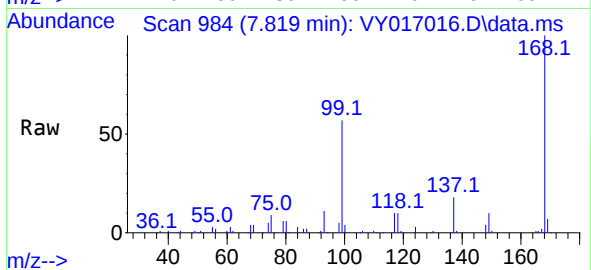
Quant Time: Jan 17 17:27:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



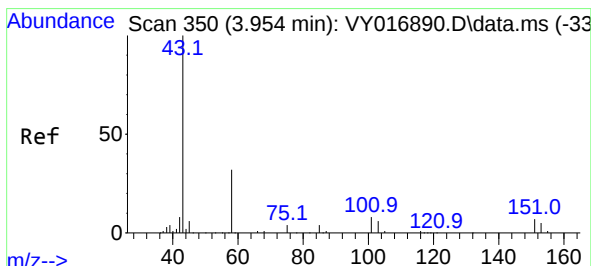
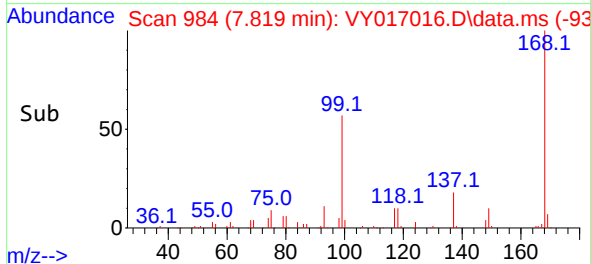
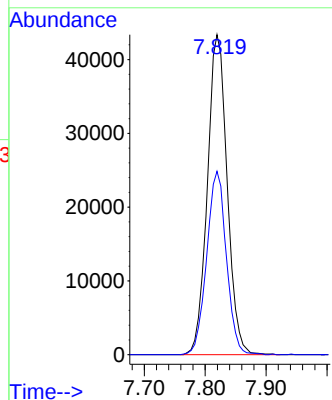


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Instrument :
MSVOA_Y
ClientSampleId :

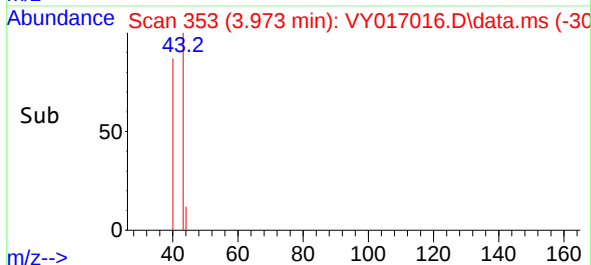
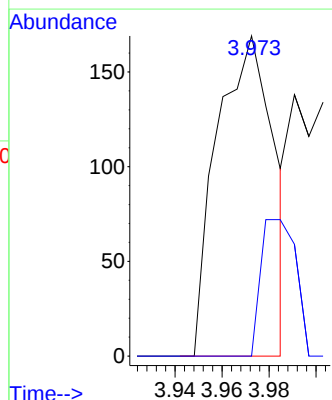
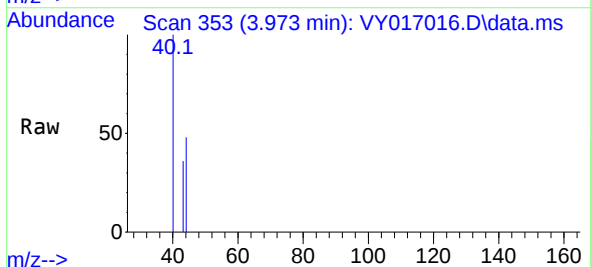


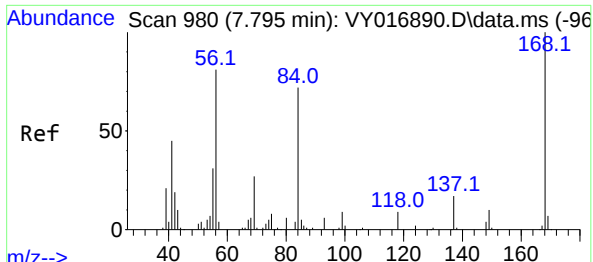
Tgt Ion:168 Resp: 97872
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

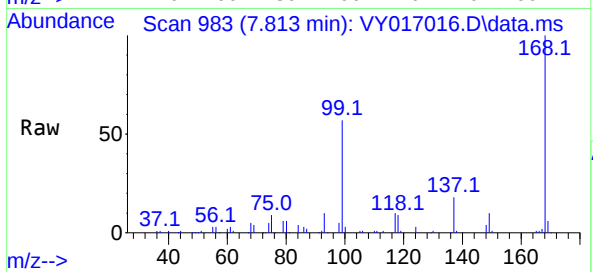
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



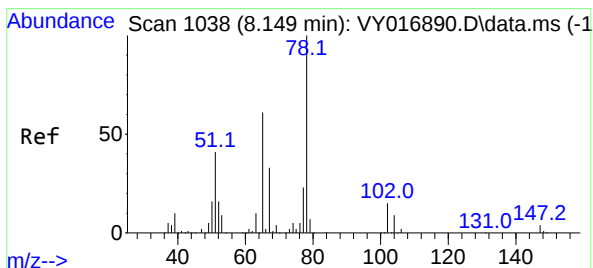
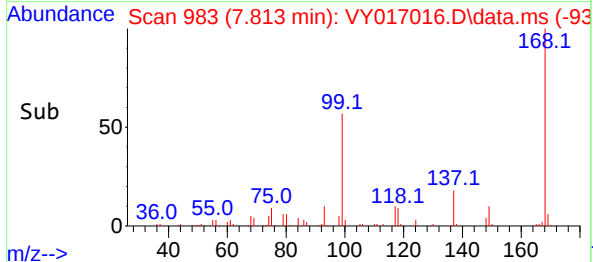
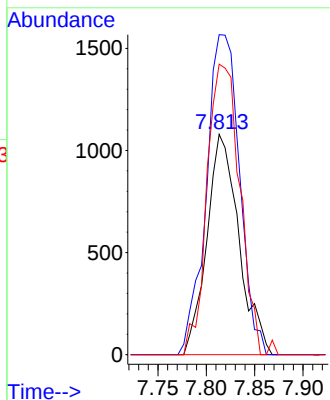


#31
Cyclohexane
Concen: 1.494 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Instrument :
MSVOA_Y
ClientSampleId :

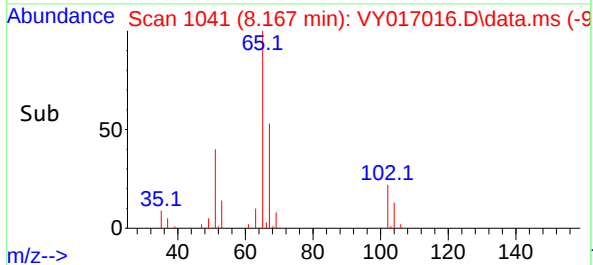
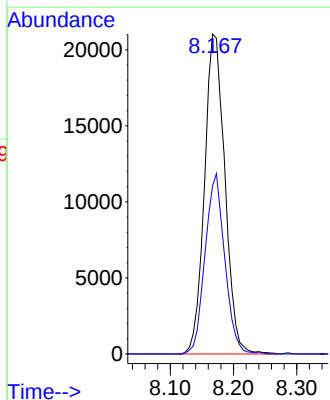
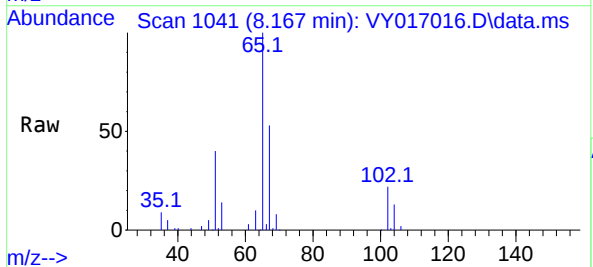


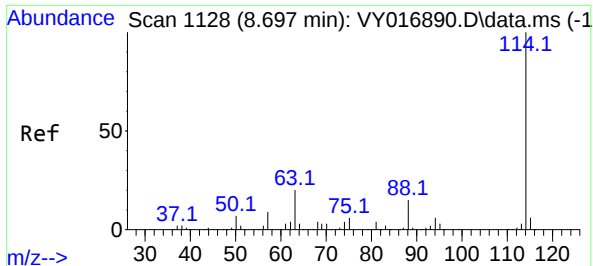
Tgt Ion: 56 Resp: 2481
Ion Ratio Lower Upper
56 100
69 145.2 27.0 40.6#
84 131.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 48.813 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Tgt Ion: 65 Resp: 47218
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0

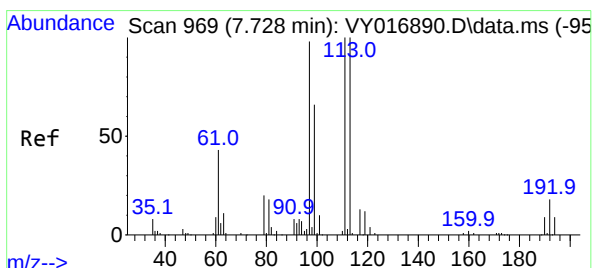
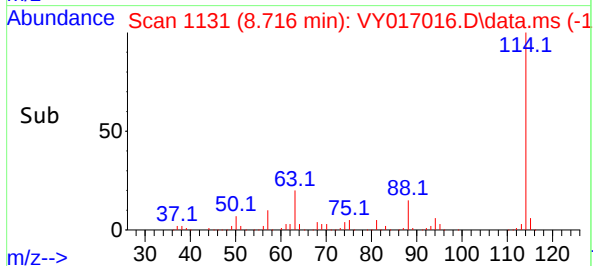
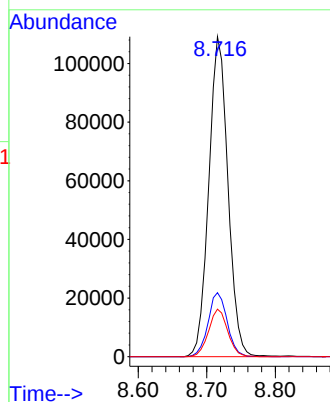
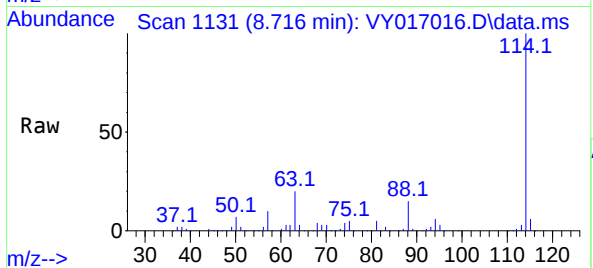




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1128
Delta R.T. 0.013 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

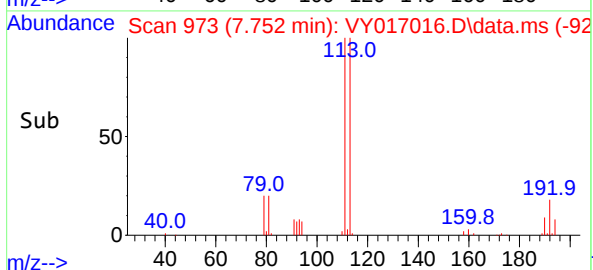
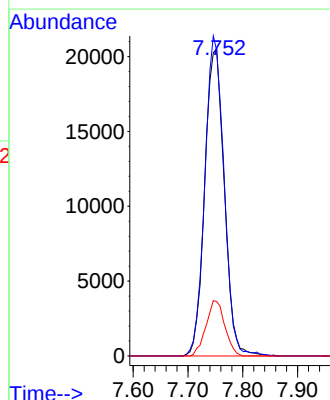
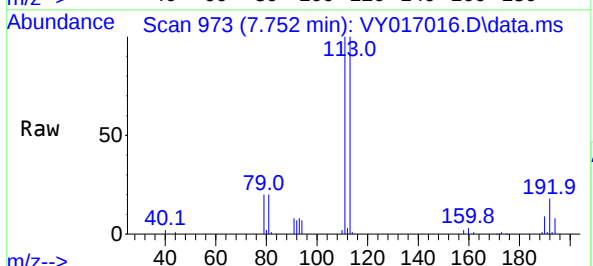
Instrument :
MSVOA_Y
ClientSampleId :

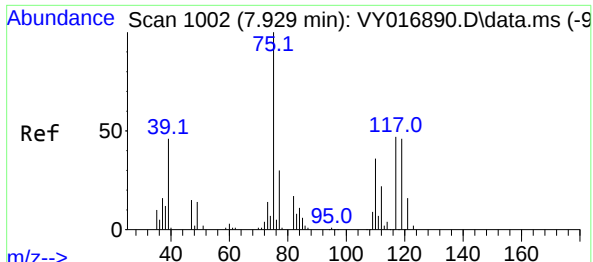
Tgt Ion:114 Resp: 212378
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 37.555 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.024 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

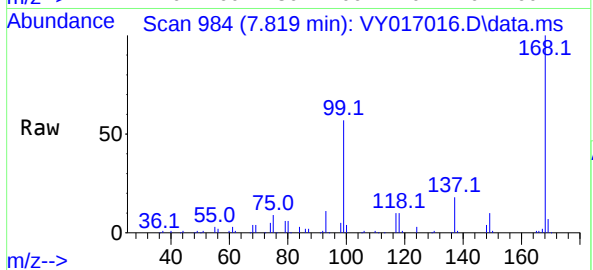
Tgt Ion:113 Resp: 50825
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.3 14.5 21.7



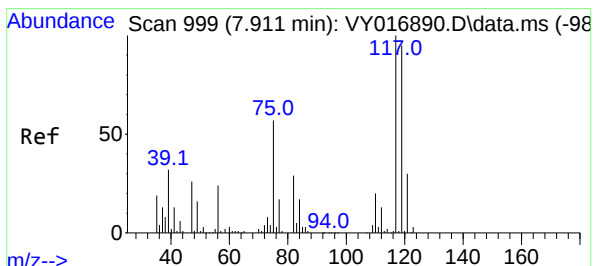
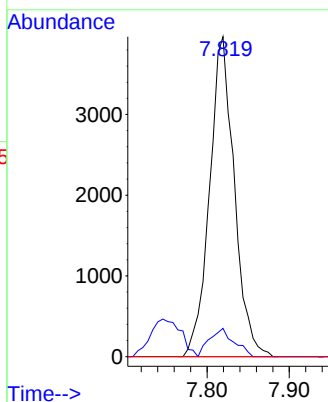
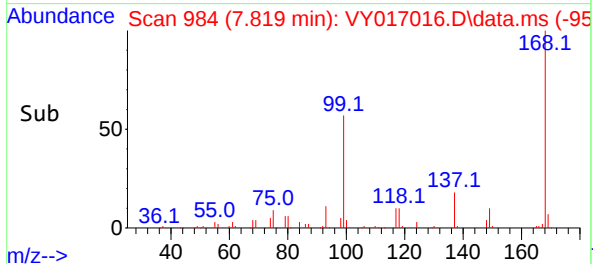


#36
1,1-Dichloropropene
Concen: 4.212 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Instrument :
MSVOA_Y
ClientSampleId :

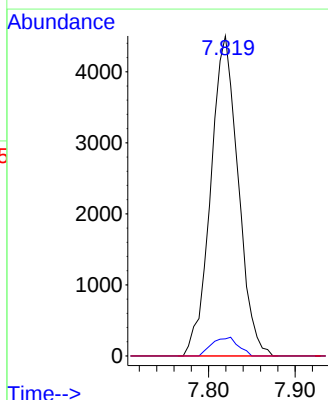
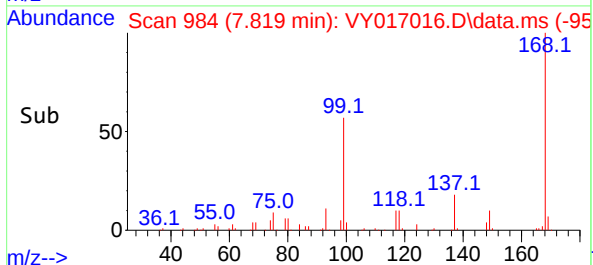
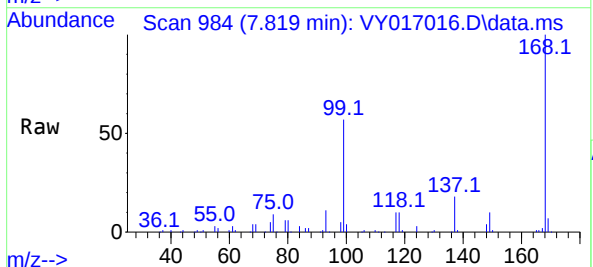


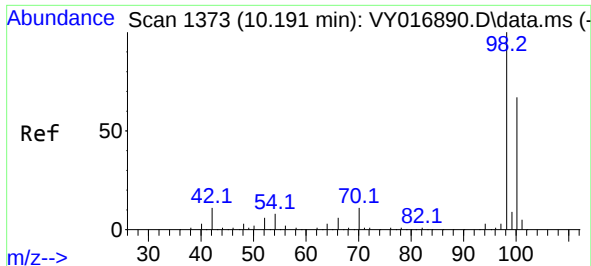
Tgt Ion: 75 Resp: 8307
Ion Ratio Lower Upper
75 100
110 8.8 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.953 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.098 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Tgt Ion: 117 Resp: 9926
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.2 36.2#

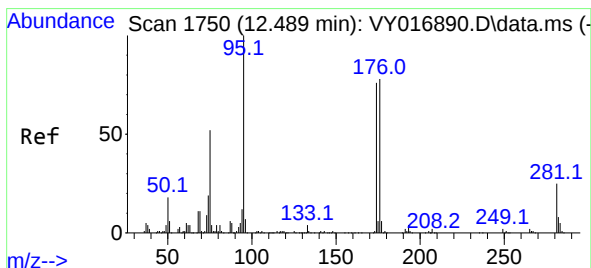
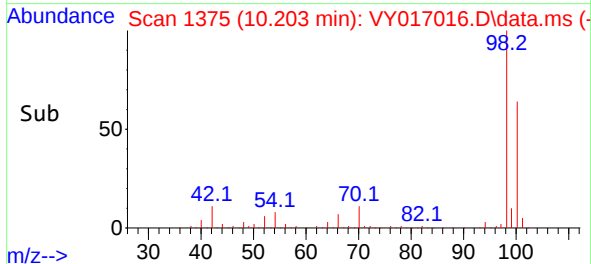
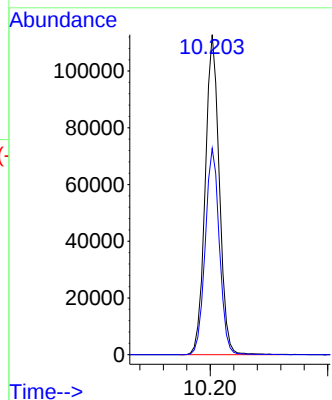
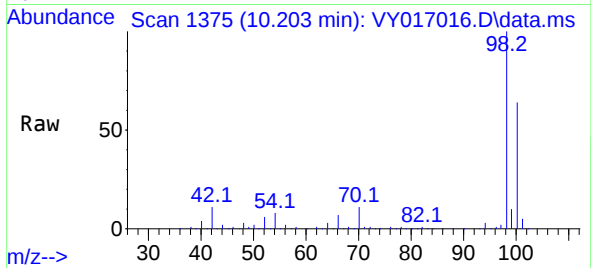




#50
Toluene-d8
Concen: 40.265 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

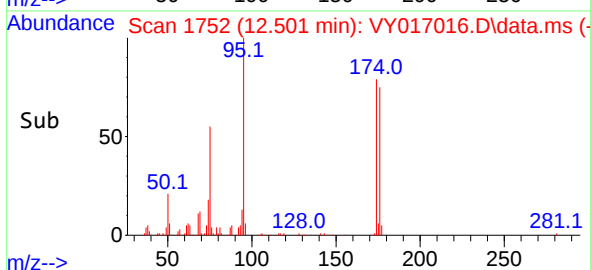
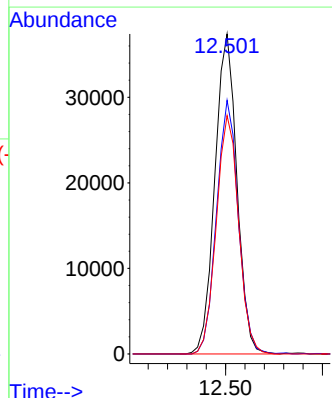
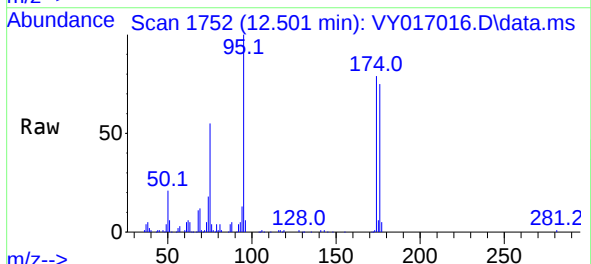
Instrument :
MSVOA_Y
ClientSampleId :

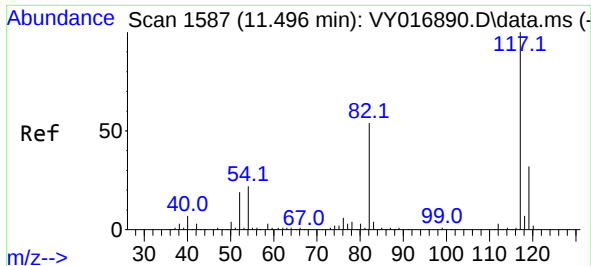
Tgt Ion: 98 Resp: 187646
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.548 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Tgt Ion: 95 Resp: 59038
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.0
176 75.5 0.0 151.8

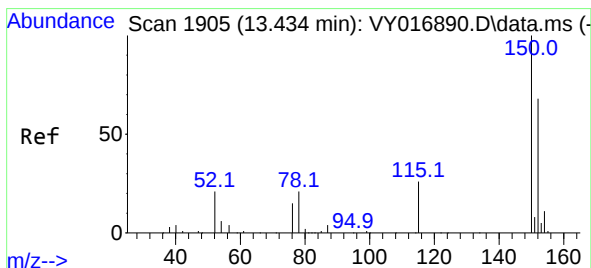
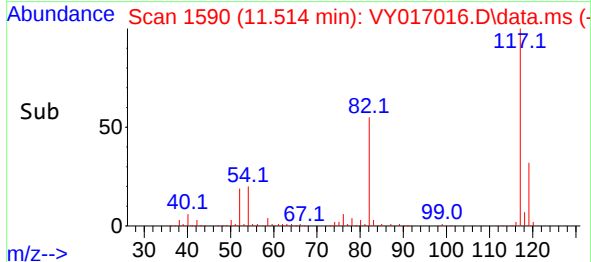
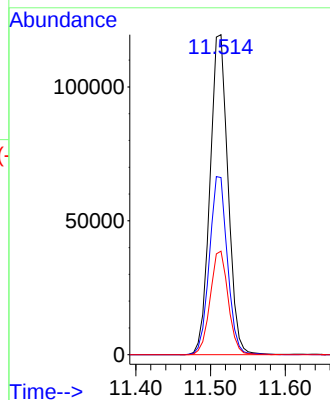
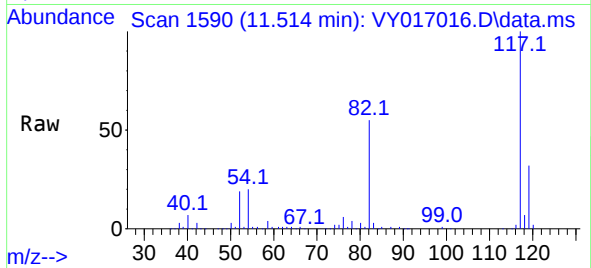




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

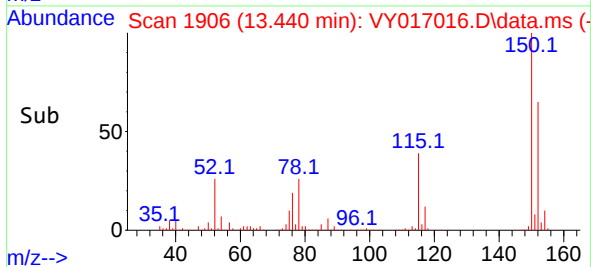
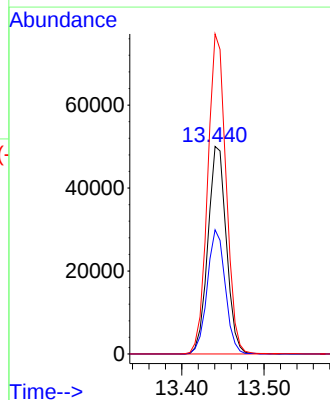
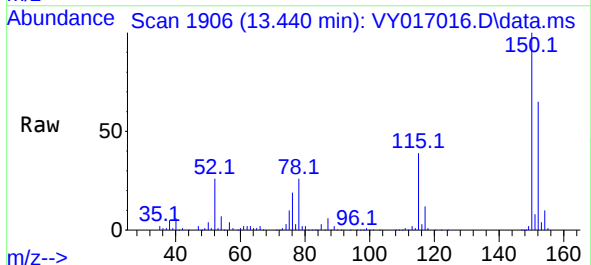
Instrument :
MSVOA_Y
ClientSampleId :

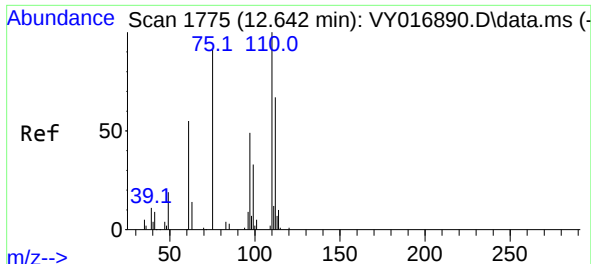
Tgt Ion:117 Resp: 199902
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Tgt Ion:152 Resp: 77849
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 153.4 0.0 344.6

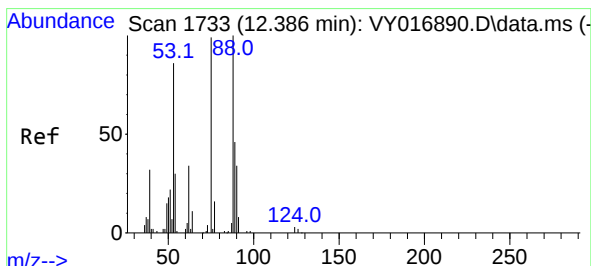
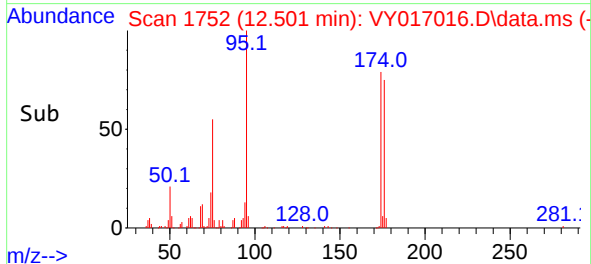
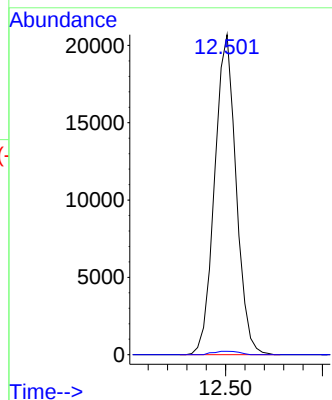
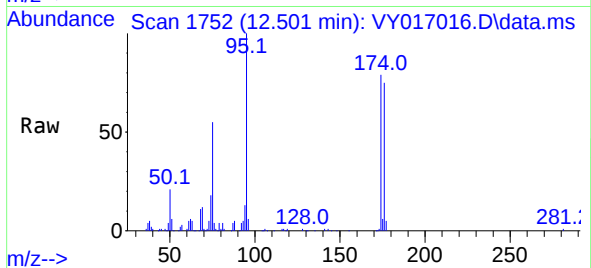




#76
1,2,3-Trichloropropane
Concen: 37.746 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31888
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.712 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017016.D
Acq: 17 Jan 2024 17:19

Tgt Ion: 75 Resp: 31888
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

