

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017030.D
 Acq On : 18 Jan 2024 11:03
 Operator : SY/MD
 Sample : VY0118SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:24:50 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)

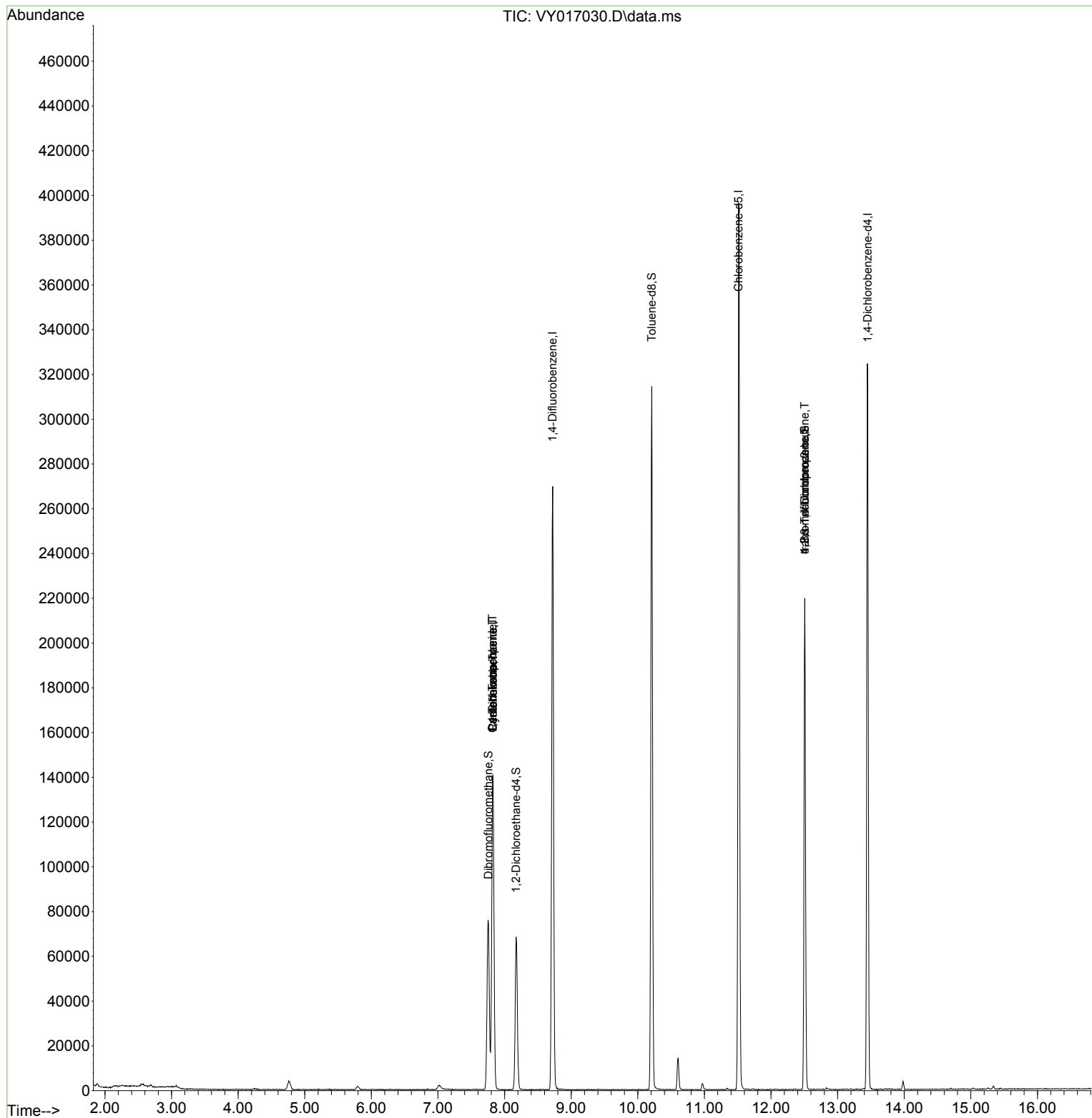
Internal Standards						
1) Pentafluorobenzene	7.826	168	109576	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	234729	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	222419	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	83824	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	53683	49.568	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.758	113	56014	37.448	ug/l	0.03
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.900%		
50) Toluene-d8	10.209	98	204488	39.701	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	79.400%		
62) 4-Bromofluorobenzene	12.508	95	65259	37.553	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery =	75.100%		
Target Compounds						
16) Acetone	3.979	43	154	Below Cal	#	41
20) Methylene Chloride	4.759	84	3098	Below Cal		94
25) 2-Butanone	7.021	43	103	Below Cal	#	48
31) Cyclohexane	7.826	56	2544	1.369	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	9098	4.174	ug/l #	49
38) Carbon Tetrachloride	7.819	117	11375	5.136	ug/l #	15
76) 1,2,3-Trichloropropane	12.508	75	34011	37.389	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	34011	84.902	ug/l #	12

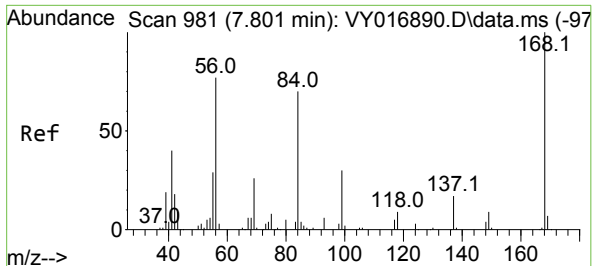
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 19 02:24:50 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

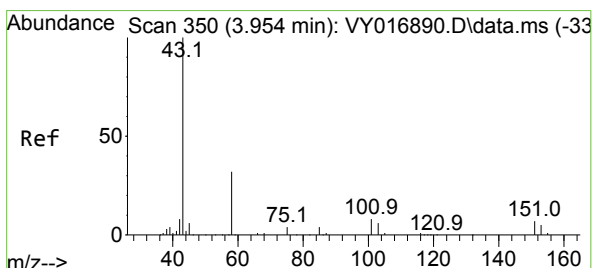
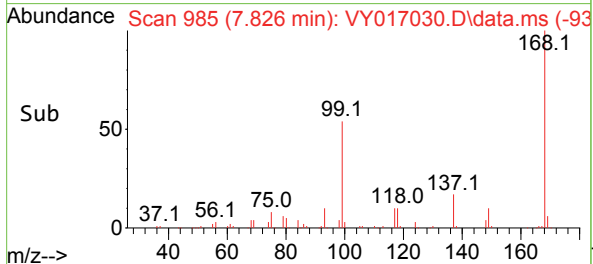
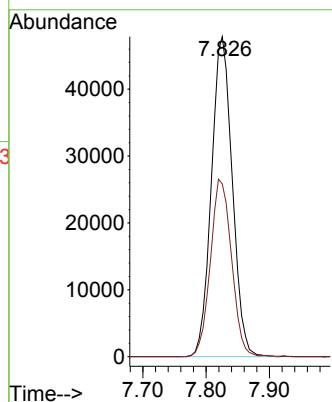
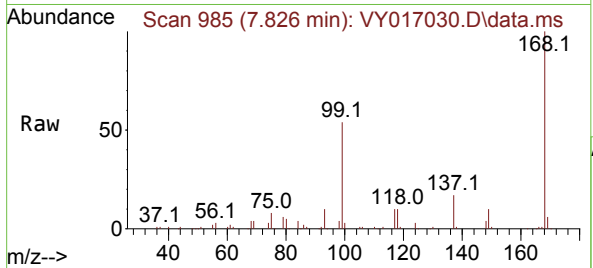




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

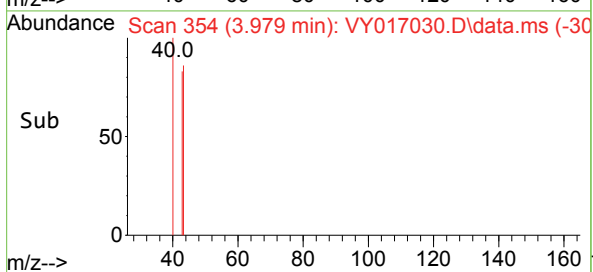
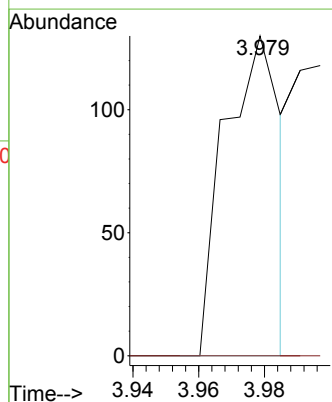
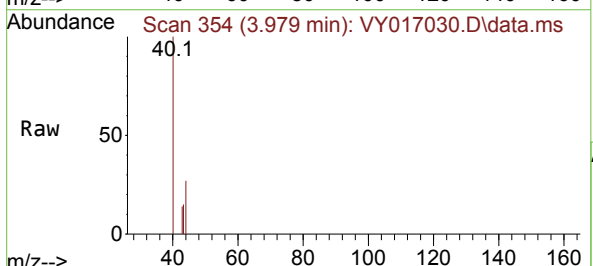
Instrument :
MSVOA_Y
ClientSampleId :

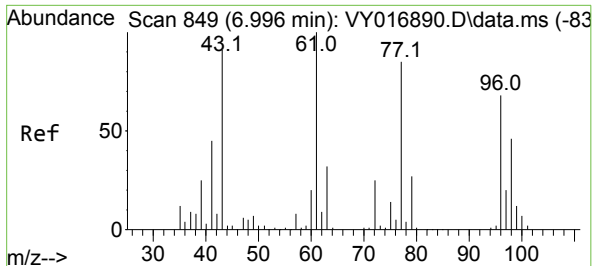
Tgt Ion:168 Resp: 109576
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#

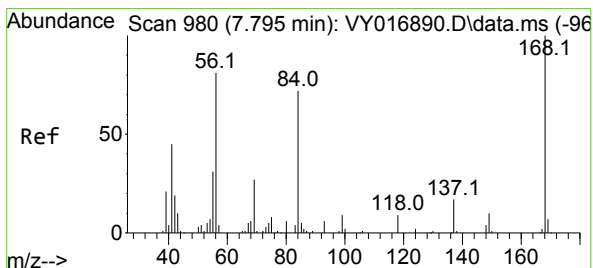
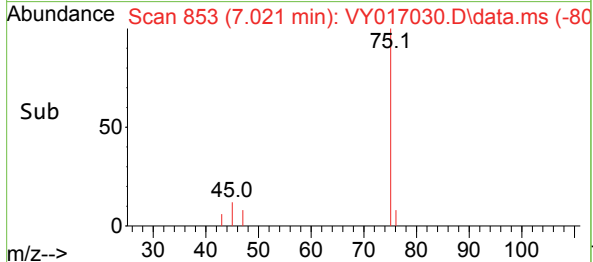
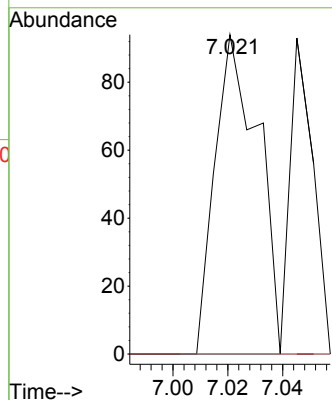
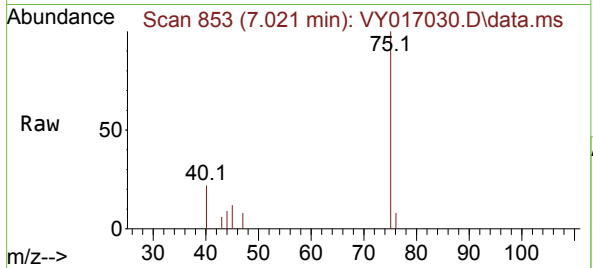




#25
2-Butanone
Concen: Below Cal
RT: 7.021 min Scan# 849
Delta R.T. 0.025 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

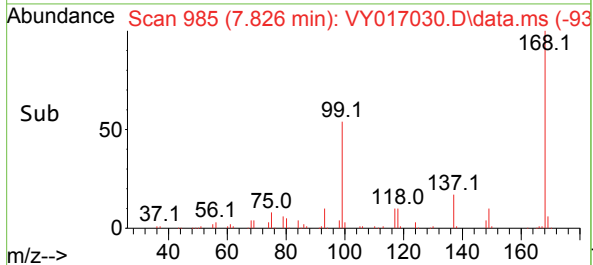
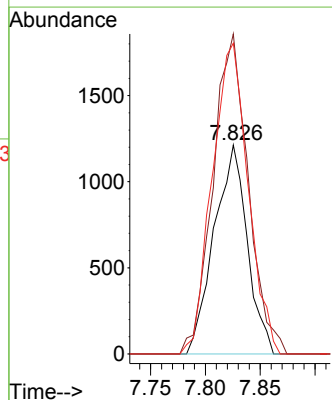
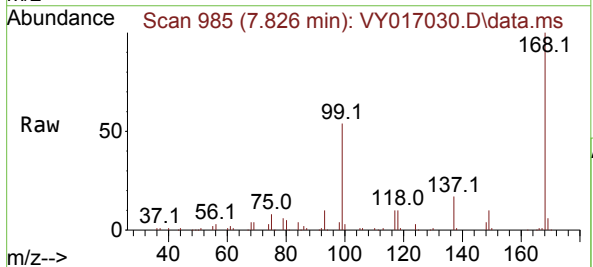
Instrument :
MSVOA_Y
ClientSampleId :

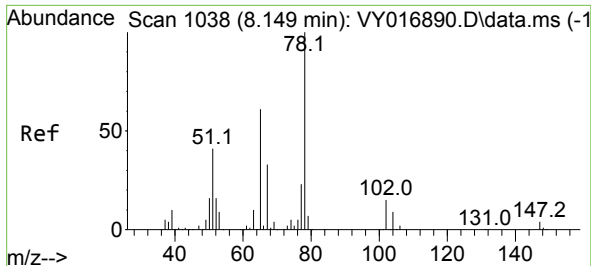
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 7.826 min Scan# 985
Delta R.T. 0.025 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

Tgt Ion: 56 Resp: 2544
Ion Ratio Lower Upper
56 100
69 153.2 27.0 40.6#
84 148.7 71.8 107.6#

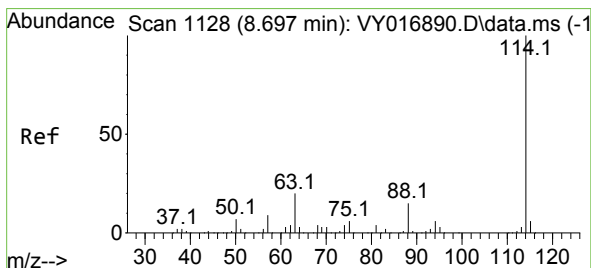
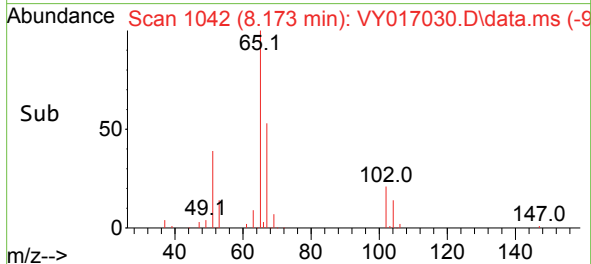
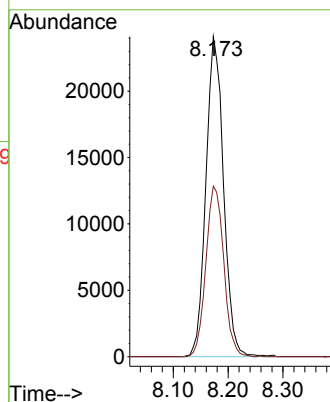
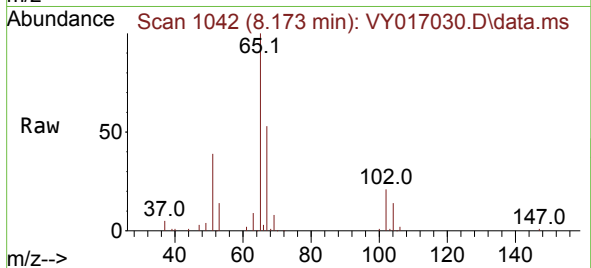




#33
1,2-Dichloroethane-d4
Concen: 49.568 ug/l
RT: 8.173 min Scan# 110
Delta R.T. 0.018 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

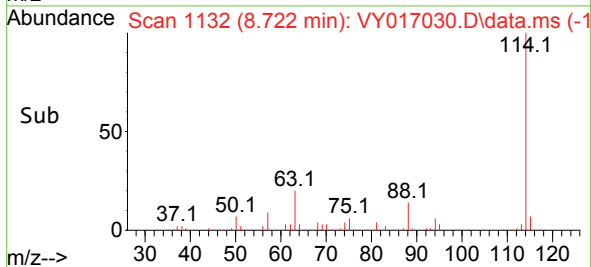
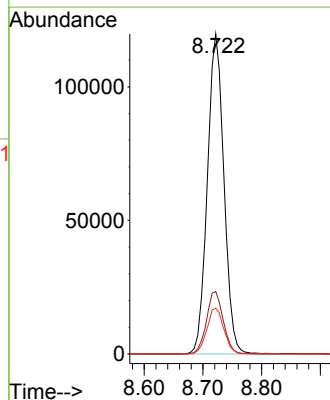
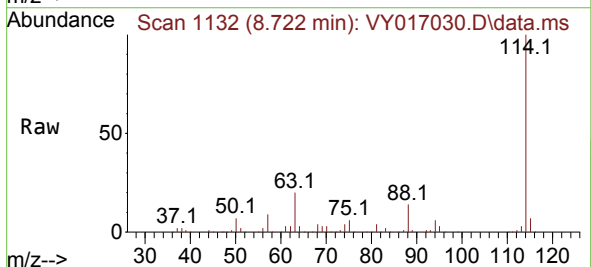
Instrument :
MSVOA_Y
ClientSampleId :

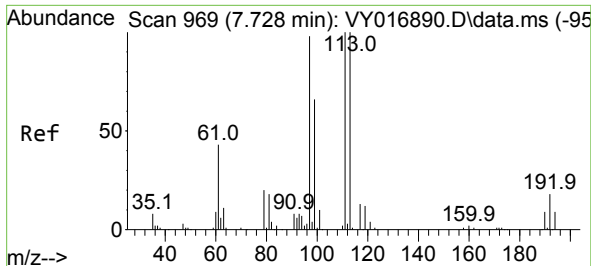
Tgt Ion: 65 Resp: 53683
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

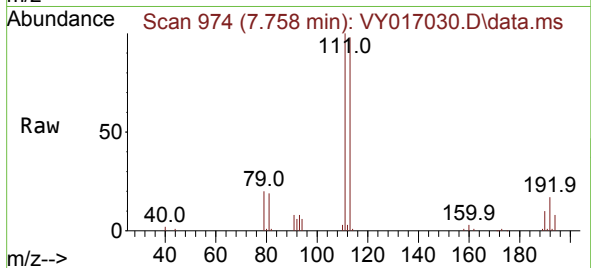
Tgt Ion:114 Resp: 234729
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 14.3 0.0 29.0



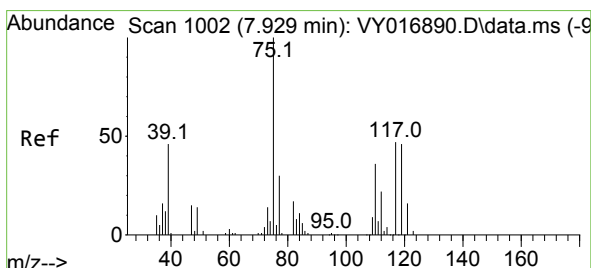
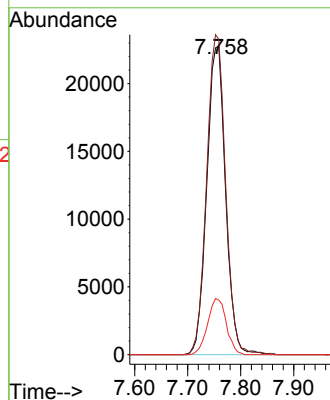
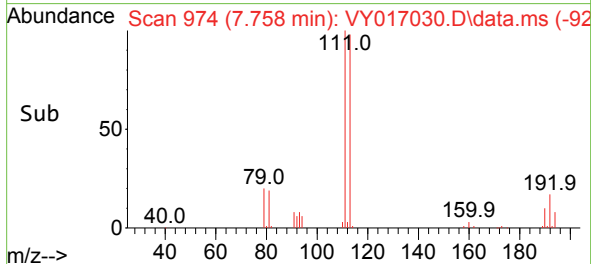


#35
Dibromofluoromethane
Concen: 37.448 ug/l
RT: 7.758 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

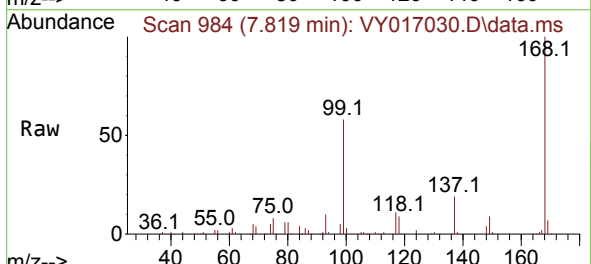
Instrument :
MSVOA_Y
ClientSampleId :



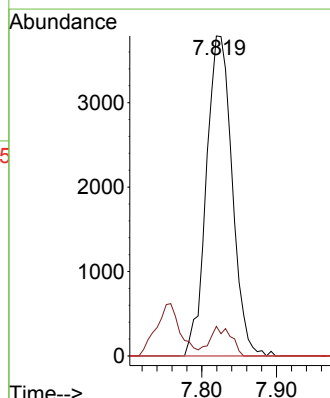
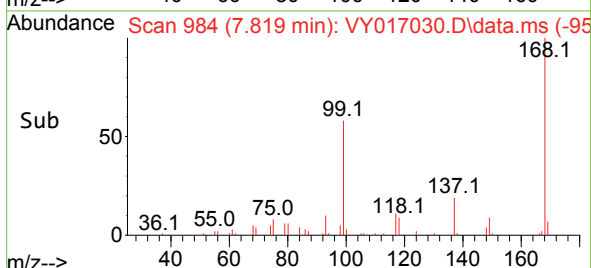
Tgt Ion:113 Resp: 56014
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.1 14.5 21.7

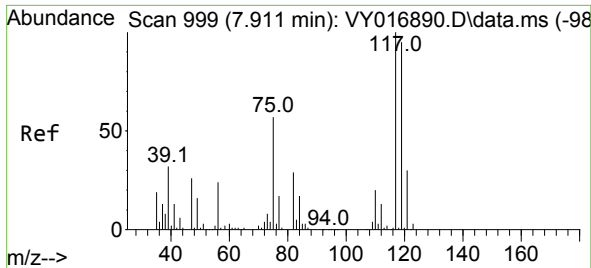


#36
1,1-Dichloropropene
Concen: 4.174 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03



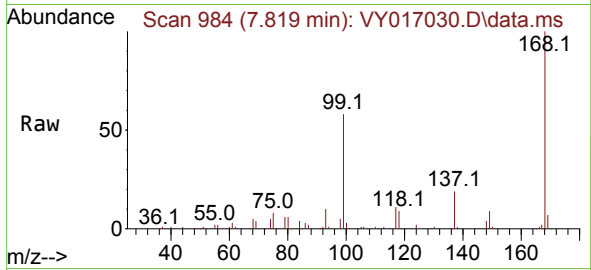
Tgt Ion: 75 Resp: 9098
Ion Ratio Lower Upper
75 100
110 7.6 17.4 52.3#
77 0.0 24.7 37.1#



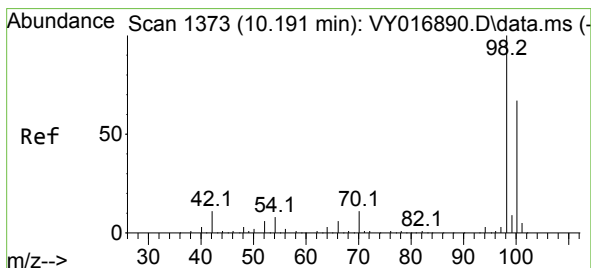
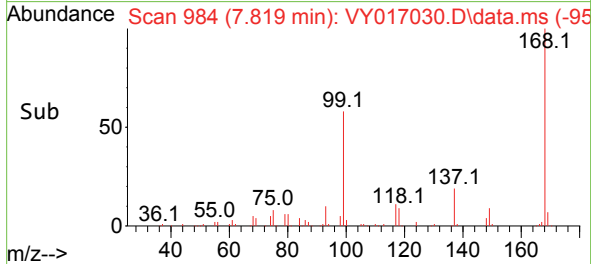
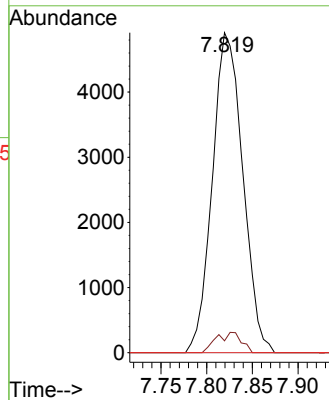


#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

Instrument :
MSVOA_Y
ClientSampleId :

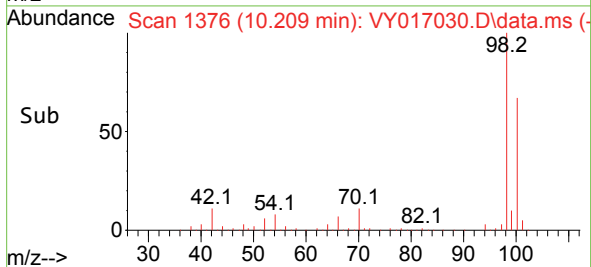
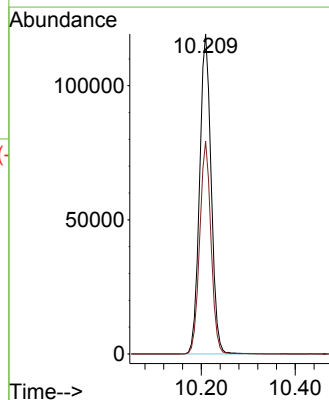
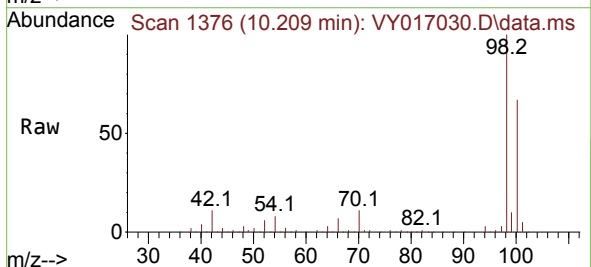


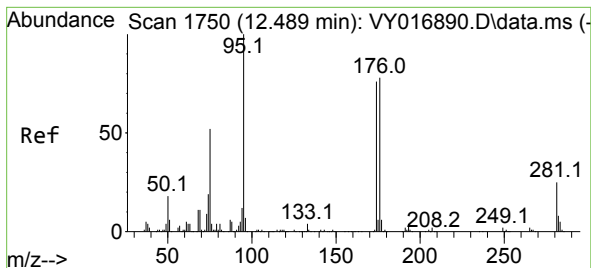
Tgt Ion:117 Resp: 11375
Ion Ratio Lower Upper
117 100
119 3.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.701 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

Tgt Ion: 98 Resp: 204488
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

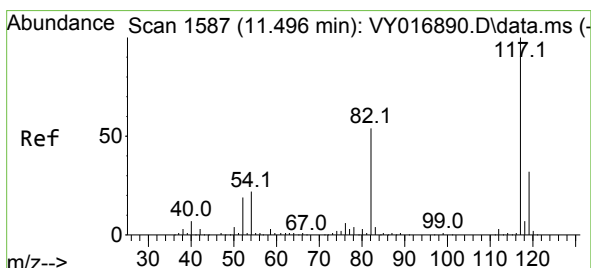
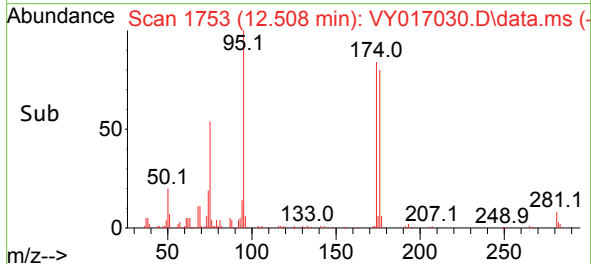
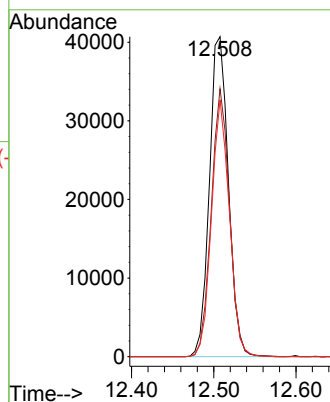
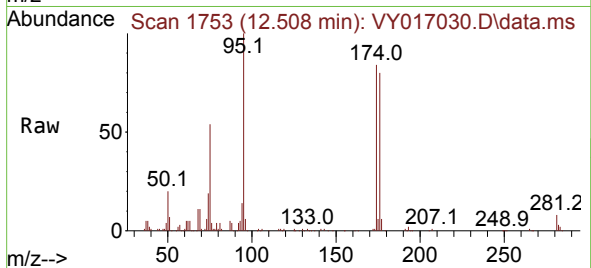




#62
4-Bromofluorobenzene
Concen: 37.553 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

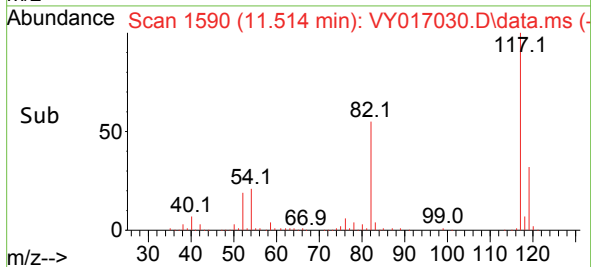
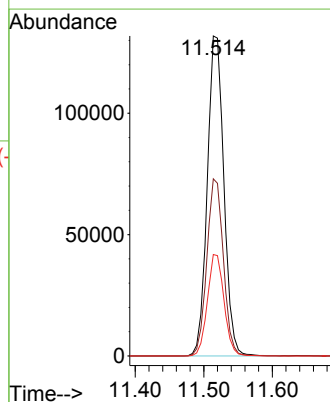
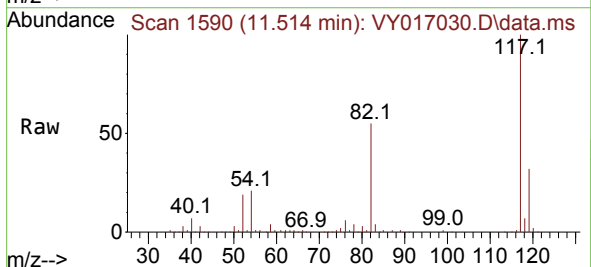
Instrument :
MSVOA_Y
ClientSampleId :

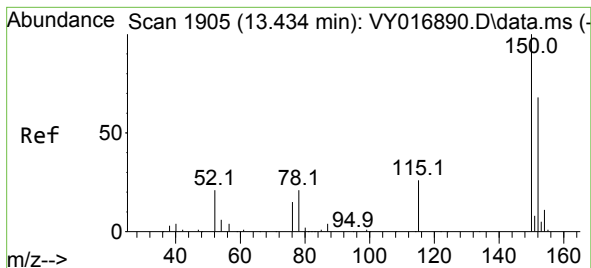
Tgt Ion: 95 Resp: 65259
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 75.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017030.D
Acq: 18 Jan 2024 11:03

Tgt Ion: 117 Resp: 222419
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 31.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.019 min

Lab File: VY017030.D

Acq: 18 Jan 2024 11:03

Instrument :

MSVOA_Y

ClientSampleId :

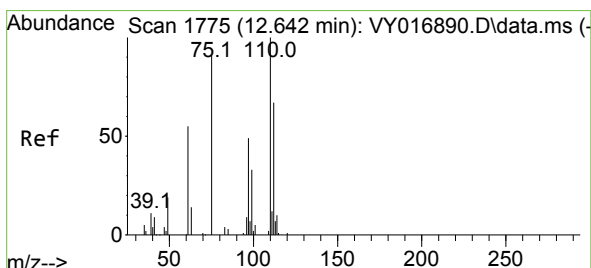
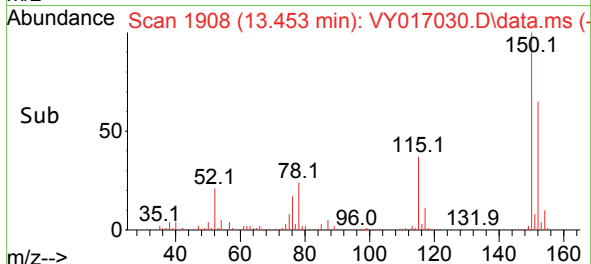
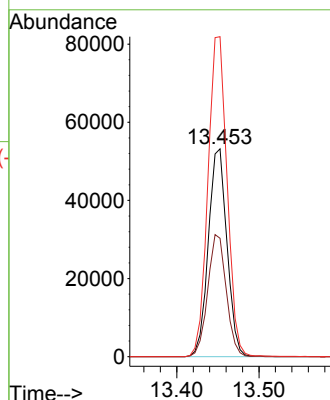
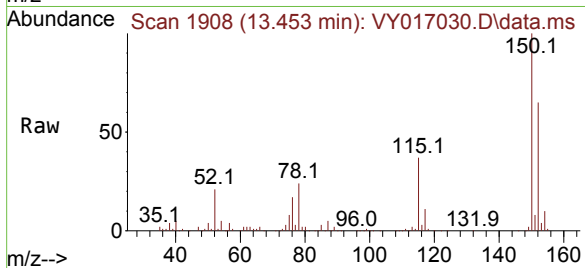
Tgt Ion:152 Resp: 83824

Ion Ratio Lower Upper

152 100

115 58.4 30.0 90.0

150 158.0 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.389 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017030.D

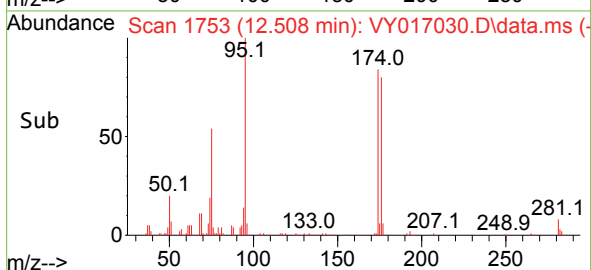
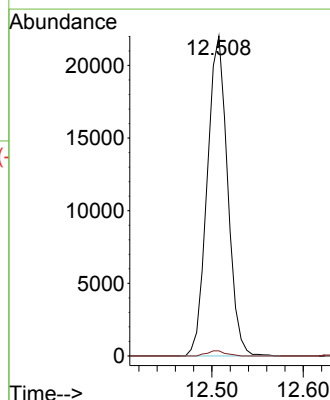
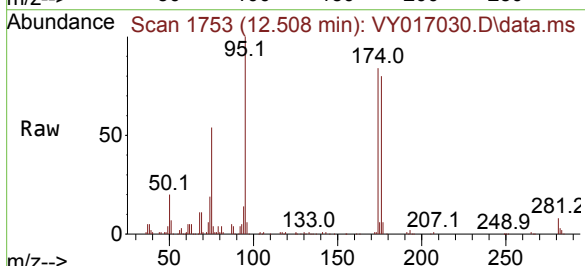
Acq: 18 Jan 2024 11:03

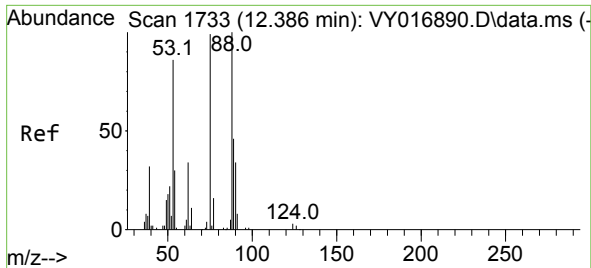
Tgt Ion: 75 Resp: 34011

Ion Ratio Lower Upper

75 100

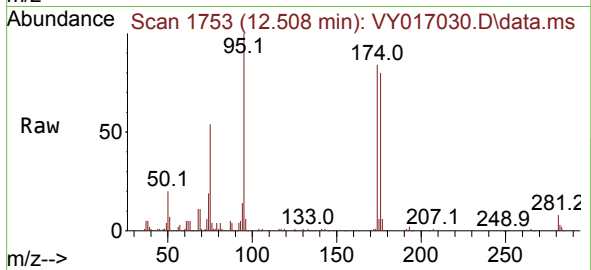
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.902 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.123 min
 Lab File: VY017030.D
 Acq: 18 Jan 2024 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34011
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.1 36.5 54.7#

