

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017025.D
 Acq On : 17 Jan 2024 20:48
 Operator : SY/MD
 Sample : P1156-05
 Misc : 3.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 18 00:48:36 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)

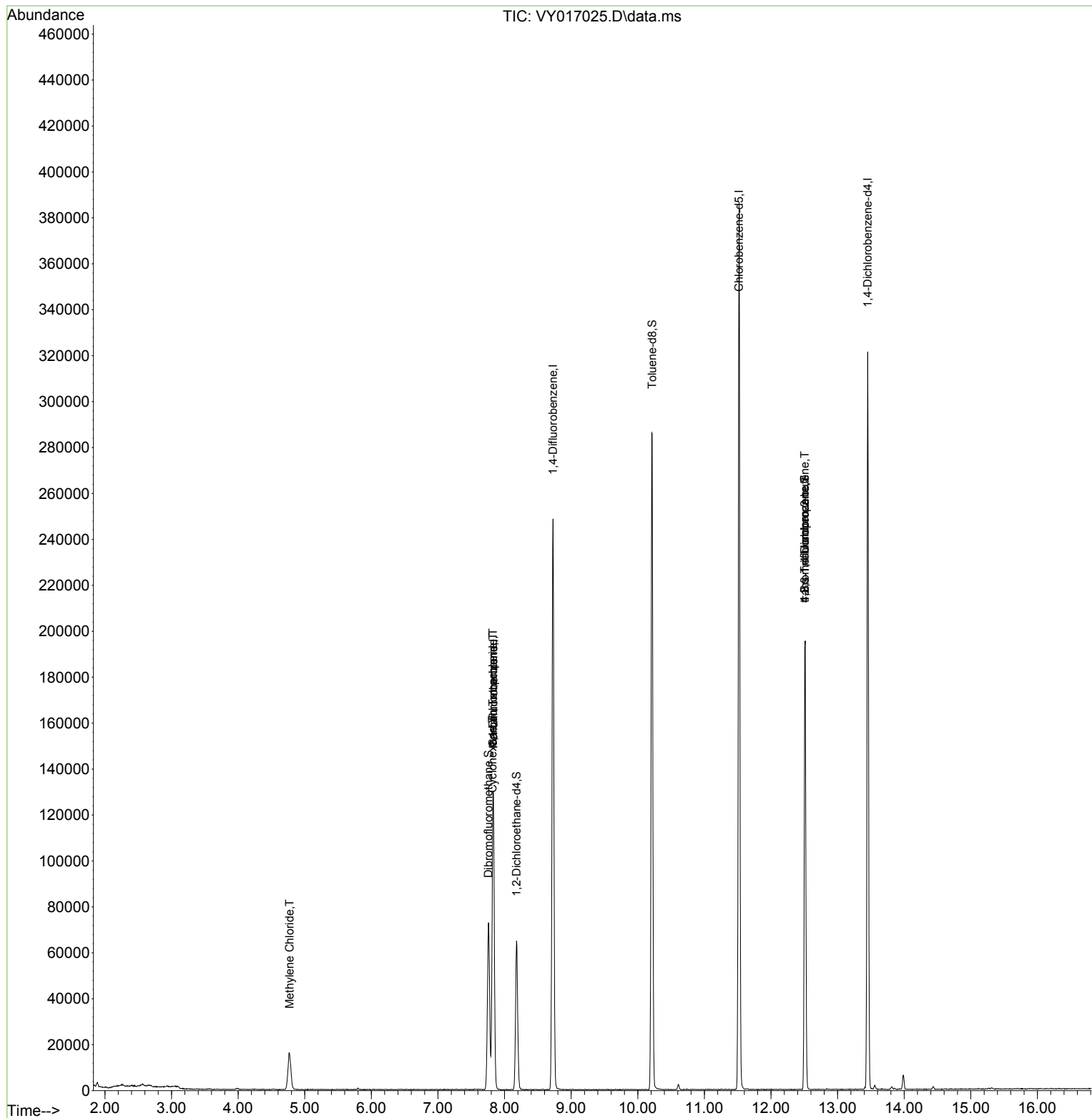
Internal Standards						
1) Pentafluorobenzene	7.832	168	99583	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	217394	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	209017	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	79369	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	49962	50.762	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.759	113	51147	36.921	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.840%	
50) Toluene-d8	10.215	98	190112	39.853	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 79.700%	
62) 4-Bromofluorobenzene	12.508	95	60523	37.605	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.991	43	720	Below Cal		99
20) Methylene Chloride	4.771	84	11961	2.702	ug/l	97
31) Cyclohexane	7.820	56	2341	1.386	ug/l #	22
36) 1,1-Dichloropropene	7.826	75	8560	4.240	ug/l #	49
38) Carbon Tetrachloride	7.826	117	10051	4.900	ug/l #	17
76) 1,2,3-Trichloropropane	12.508	75	31883	37.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	31883	84.057	ug/l #	12

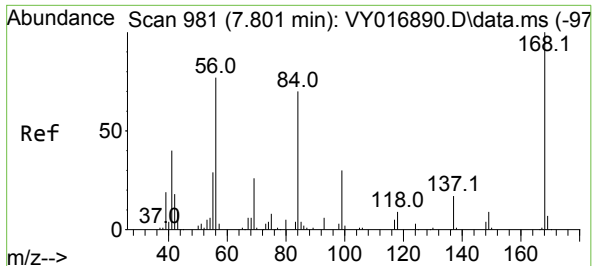
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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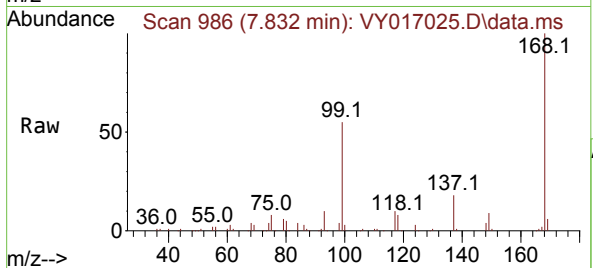
Quant Time: Jan 18 00:48:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



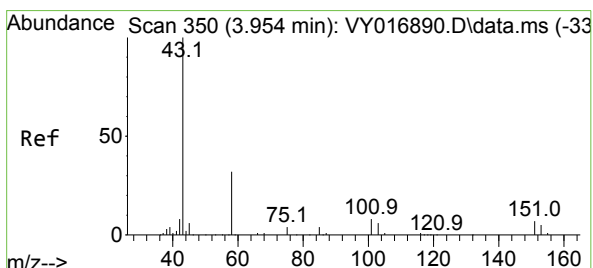
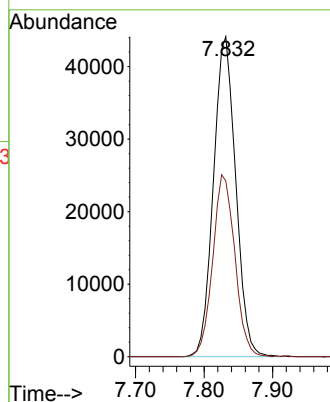
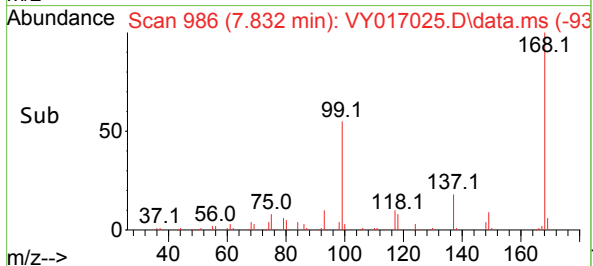


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.832 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Instrument :
MSVOA_Y
ClientSampleId :

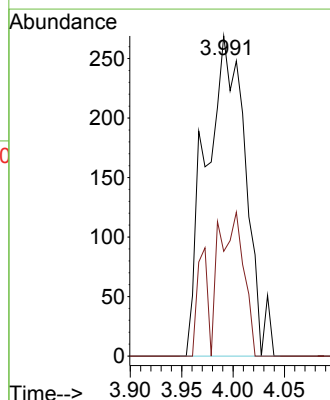
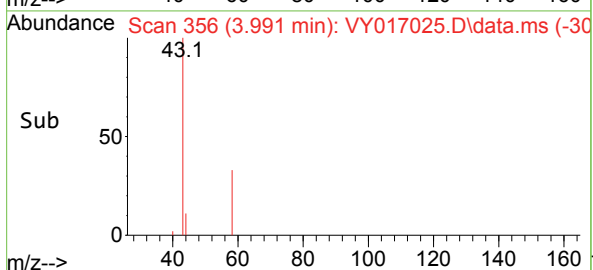
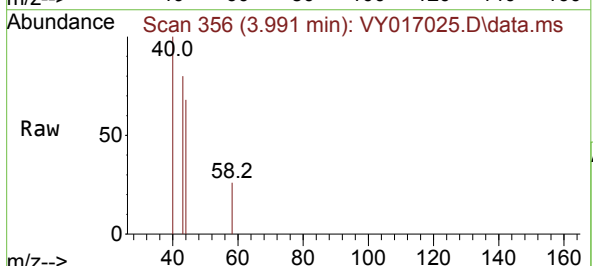


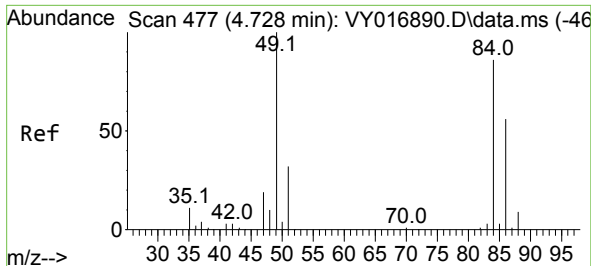
Tgt Ion:168 Resp: 99583
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.991 min Scan# 356
Delta R.T. 0.031 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

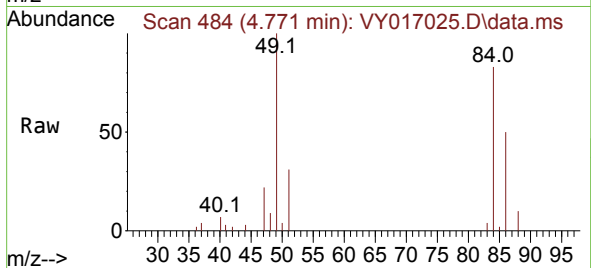
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 32.7 26.6 39.8



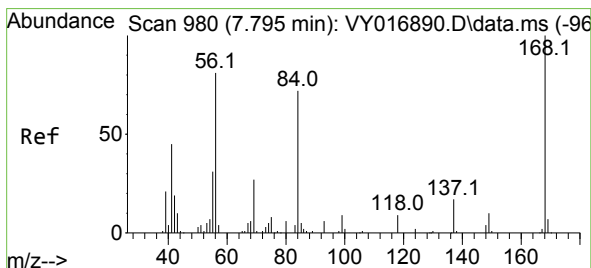
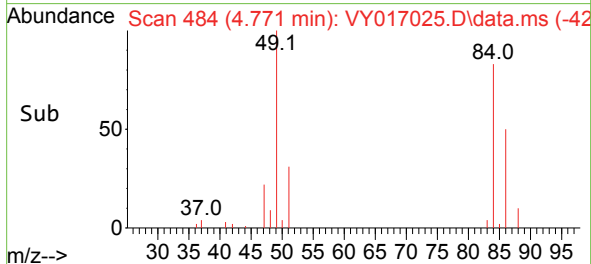
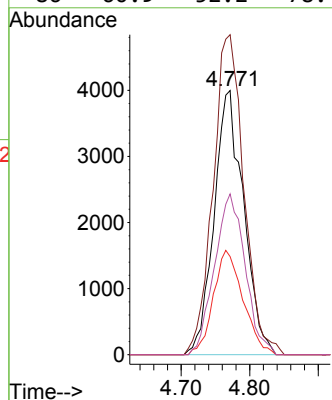


#20
Methylene Chloride
Concen: 2.702 ug/l
RT: 4.771 min Scan# 41
Delta R.T. 0.037 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Instrument :
MSVOA_Y
ClientSampleId :

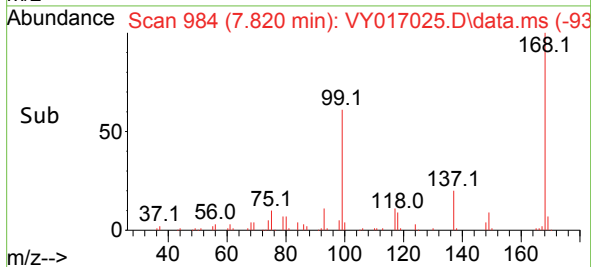
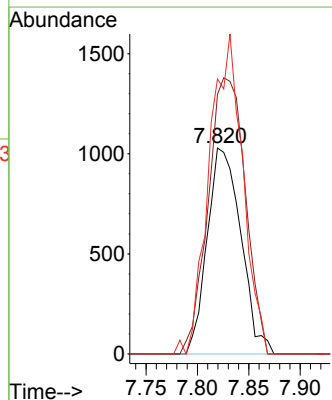
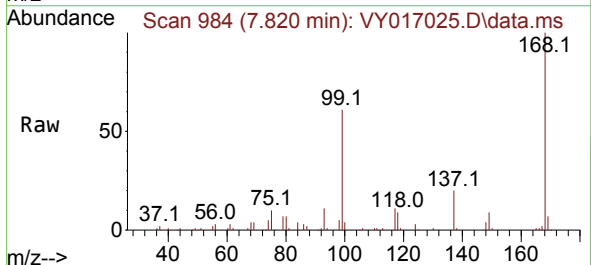


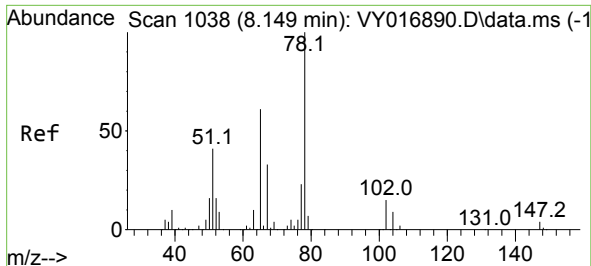
Tgt Ion: 84	Resp: 11961
Ion Ratio	Lower Upper
84 100	
49 121.1	95.2 142.8
51 37.2	29.9 44.9
86 60.9	52.2 78.4



#31
Cyclohexane
Concen: 1.386 ug/l
RT: 7.820 min Scan# 984
Delta R.T. 0.019 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Tgt Ion: 56	Resp: 2341
Ion Ratio	Lower Upper
56 100	
69 126.0	27.0 40.6#
84 133.5	71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 50.762 ug/l

RT: 8.179 min Scan# 1103

Delta R.T. 0.024 min

Lab File: VY017025.D

Acq: 17 Jan 2024 20:48

Instrument :

MSVOA_Y

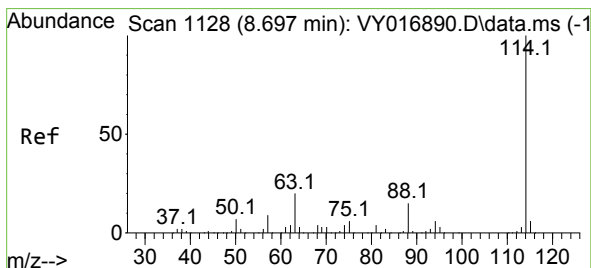
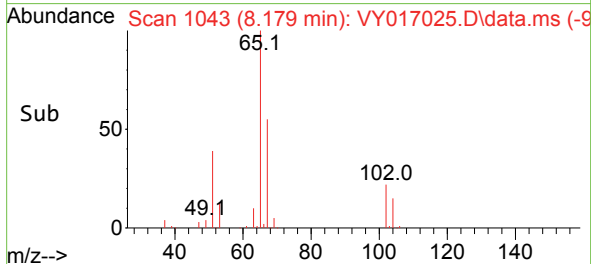
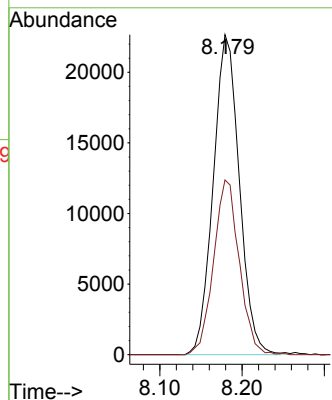
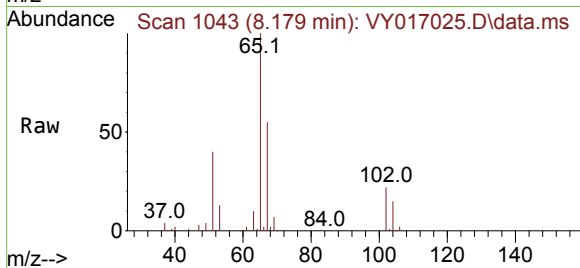
ClientSampleId :

Tgt Ion: 65 Resp: 49962

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1133

Delta R.T. 0.025 min

Lab File: VY017025.D

Acq: 17 Jan 2024 20:48

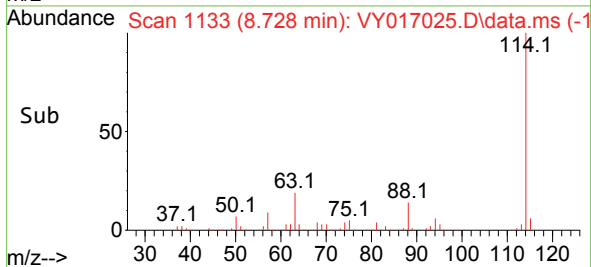
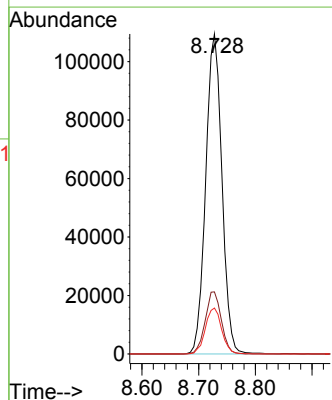
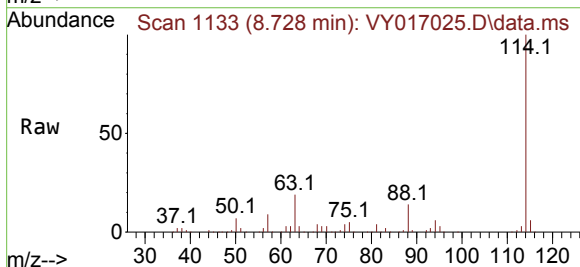
Tgt Ion: 114 Resp: 217394

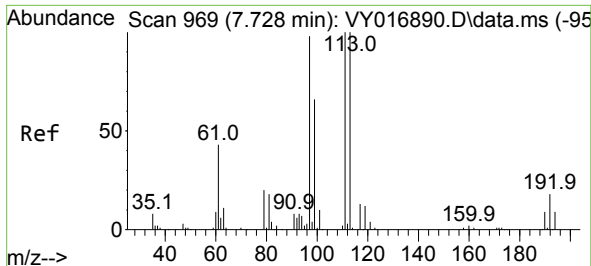
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

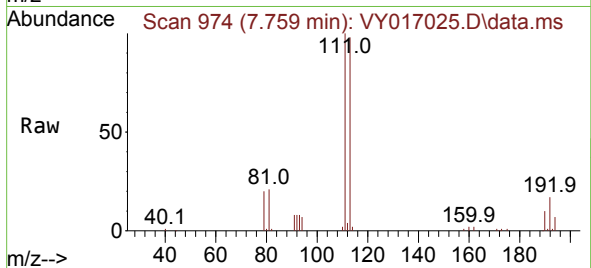
88 14.4 0.0 29.0



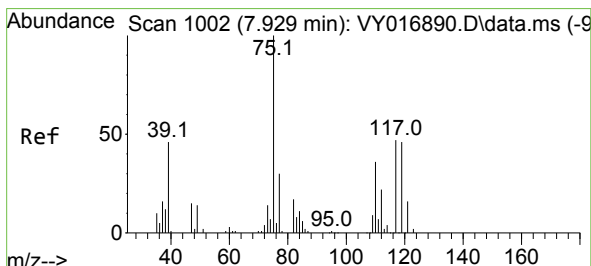
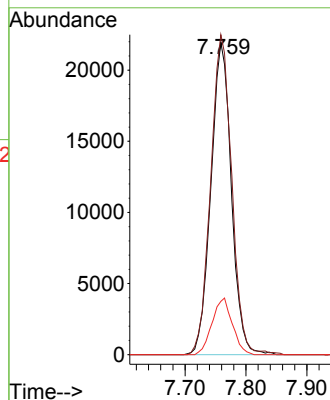
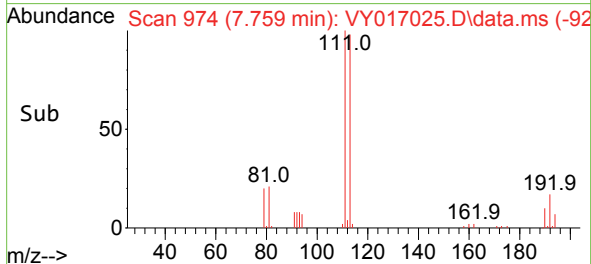


#35
Dibromofluoromethane
Concen: 36.921 ug/l
RT: 7.759 min Scan# 911
Delta R.T. 0.031 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Instrument :
MSVOA_Y
ClientSampleId :

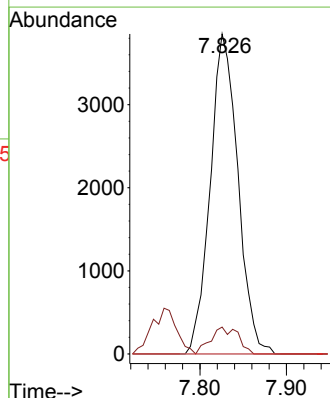
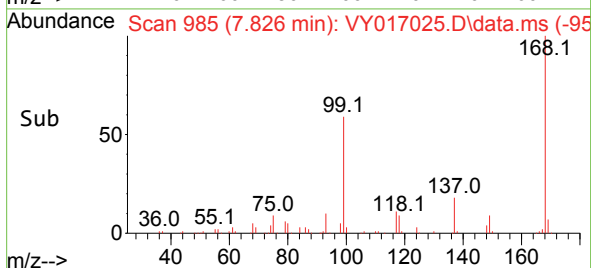
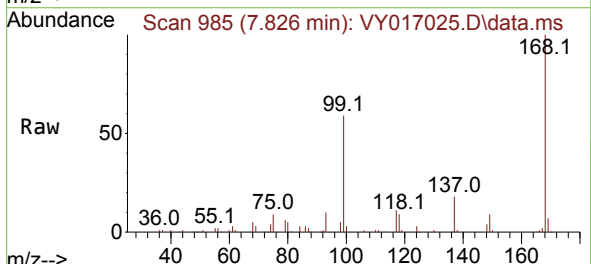


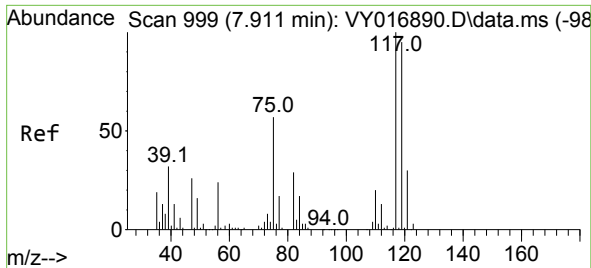
Tgt Ion:113 Resp: 51147
Ion Ratio Lower Upper
113 100
111 105.6 83.8 125.6
192 18.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.240 ug/l
RT: 7.826 min Scan# 985
Delta R.T. -0.103 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

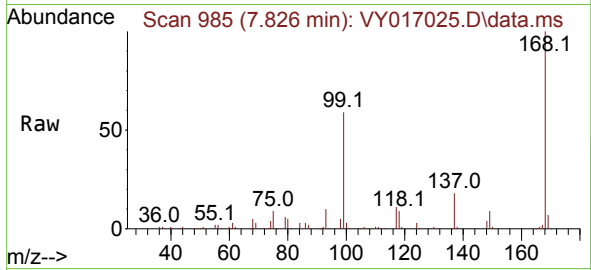
Tgt Ion: 75 Resp: 8560
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.3#
77 0.0 24.7 37.1#



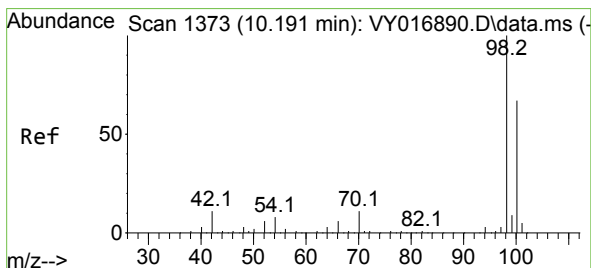
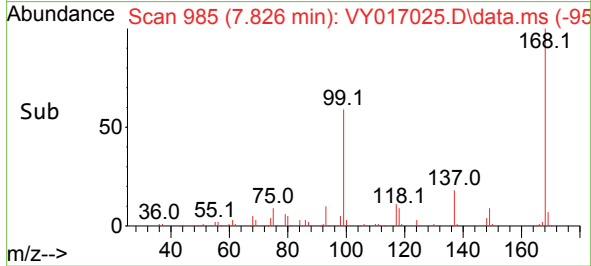
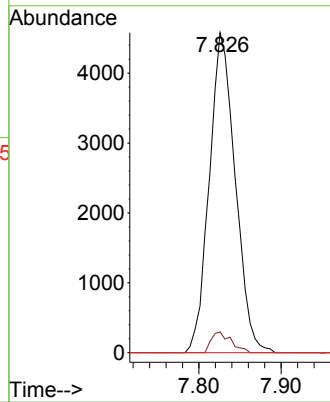


#38
Carbon Tetrachloride
Concen: 4.900 ug/l
RT: 7.826 min Scan# 91
Delta R.T. -0.091 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Instrument :
MSVOA_Y
ClientSampleId :

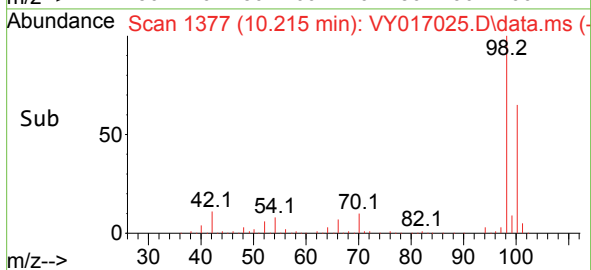
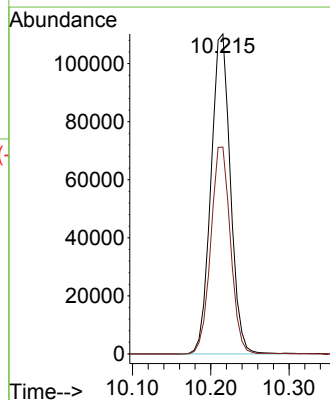
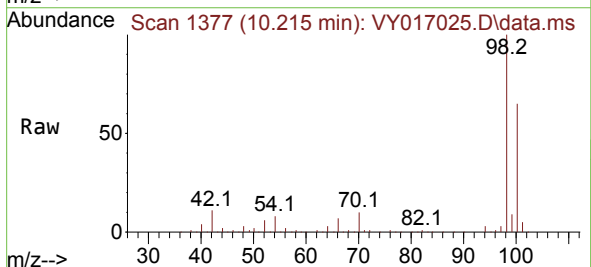


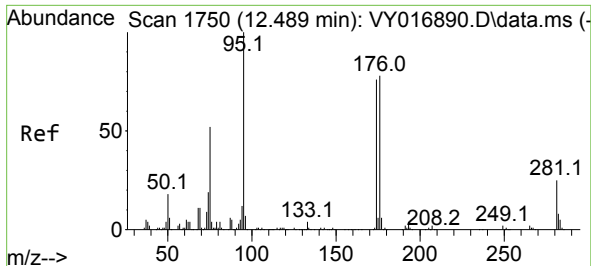
Tgt Ion:117 Resp: 10051
Ion Ratio Lower Upper
117 100
119 6.5 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.853 ug/l
RT: 10.215 min Scan# 1377
Delta R.T. 0.024 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Tgt Ion: 98 Resp: 190112
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

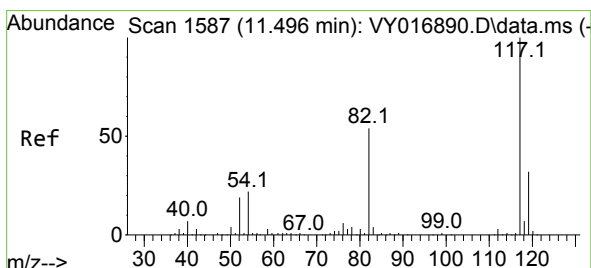
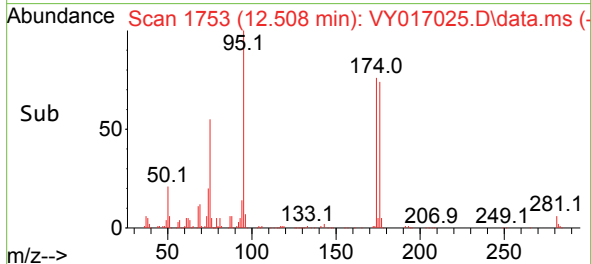
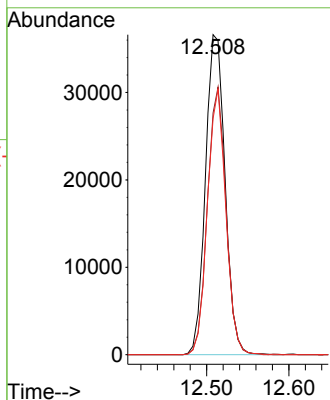
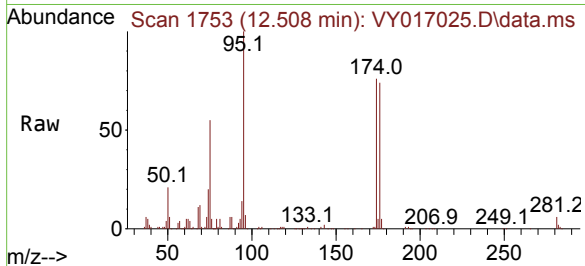




#62
4-Bromofluorobenzene
Concen: 37.605 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

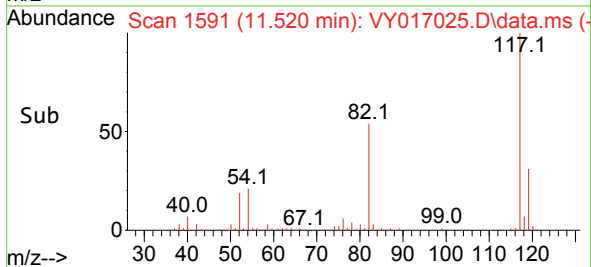
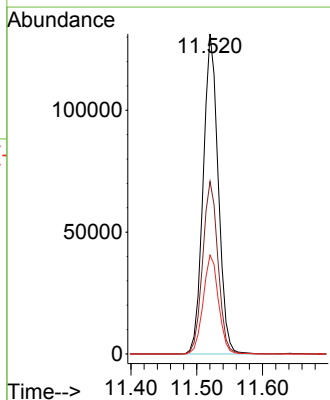
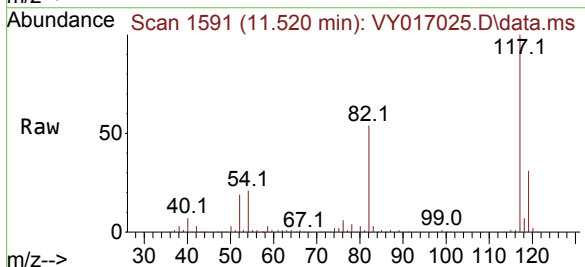
Instrument :
MSVOA_Y
ClientSampleId :

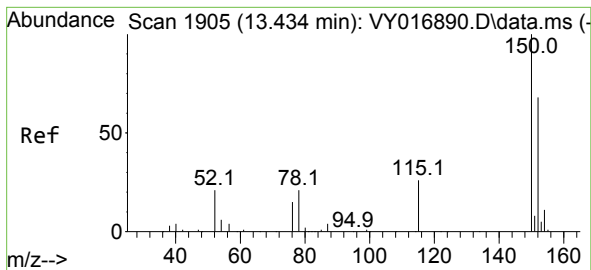
Tgt Ion: 95 Resp: 60523
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.0
176 77.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.018 min
Lab File: VY017025.D
Acq: 17 Jan 2024 20:48

Tgt Ion: 117 Resp: 209017
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 30.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1905

Delta R.T. 0.019 min

Lab File: VY017025.D

Acq: 17 Jan 2024 20:48

Instrument :

MSVOA_Y

ClientSampleId :

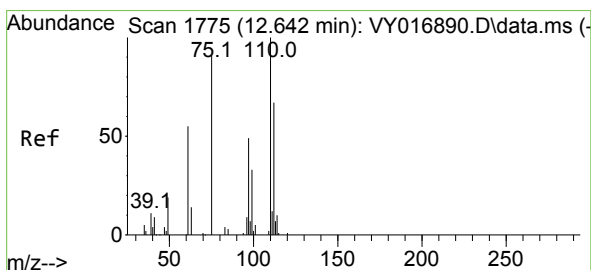
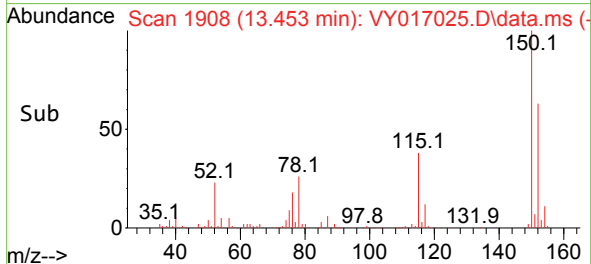
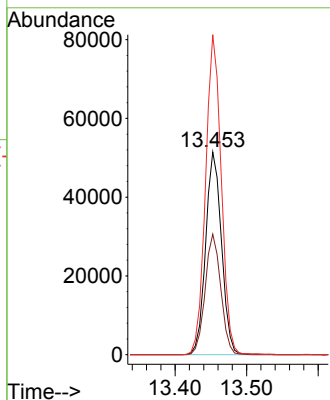
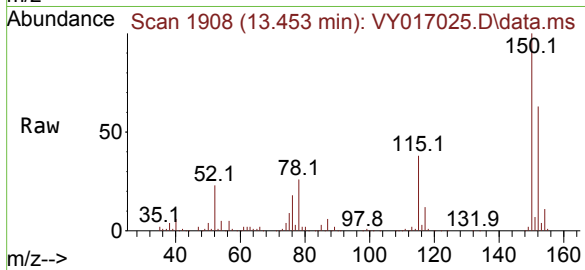
Tgt Ion:152 Resp: 79369

Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 156.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.017 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017025.D

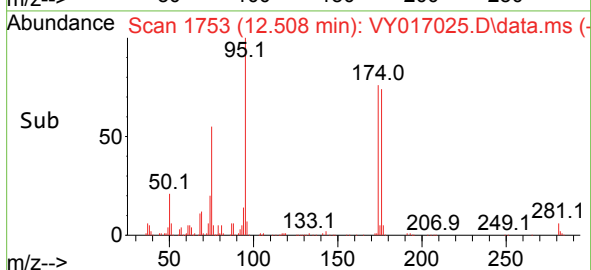
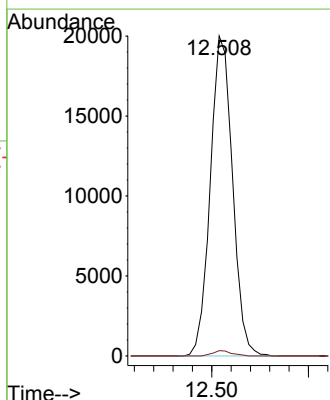
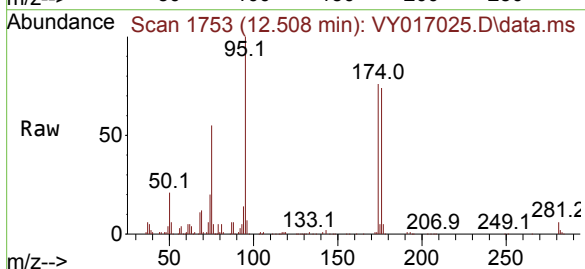
Acq: 17 Jan 2024 20:48

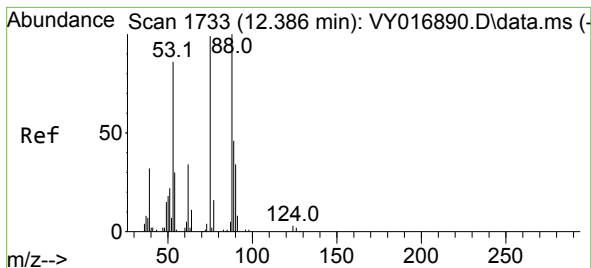
Tgt Ion: 75 Resp: 31883

Ion Ratio Lower Upper

75 100

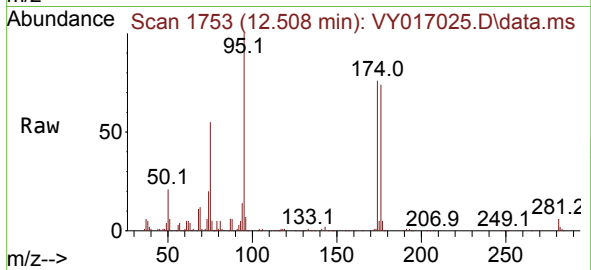
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.057 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.123 min
 Lab File: VY017025.D
 Acq: 17 Jan 2024 20:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 31883
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.2 36.5 54.7#

