

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017034.D
 Acq On : 18 Jan 2024 13:00
 Operator : SY/MD
 Sample : P1156-01RE
 Misc : 2.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:27:20 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)

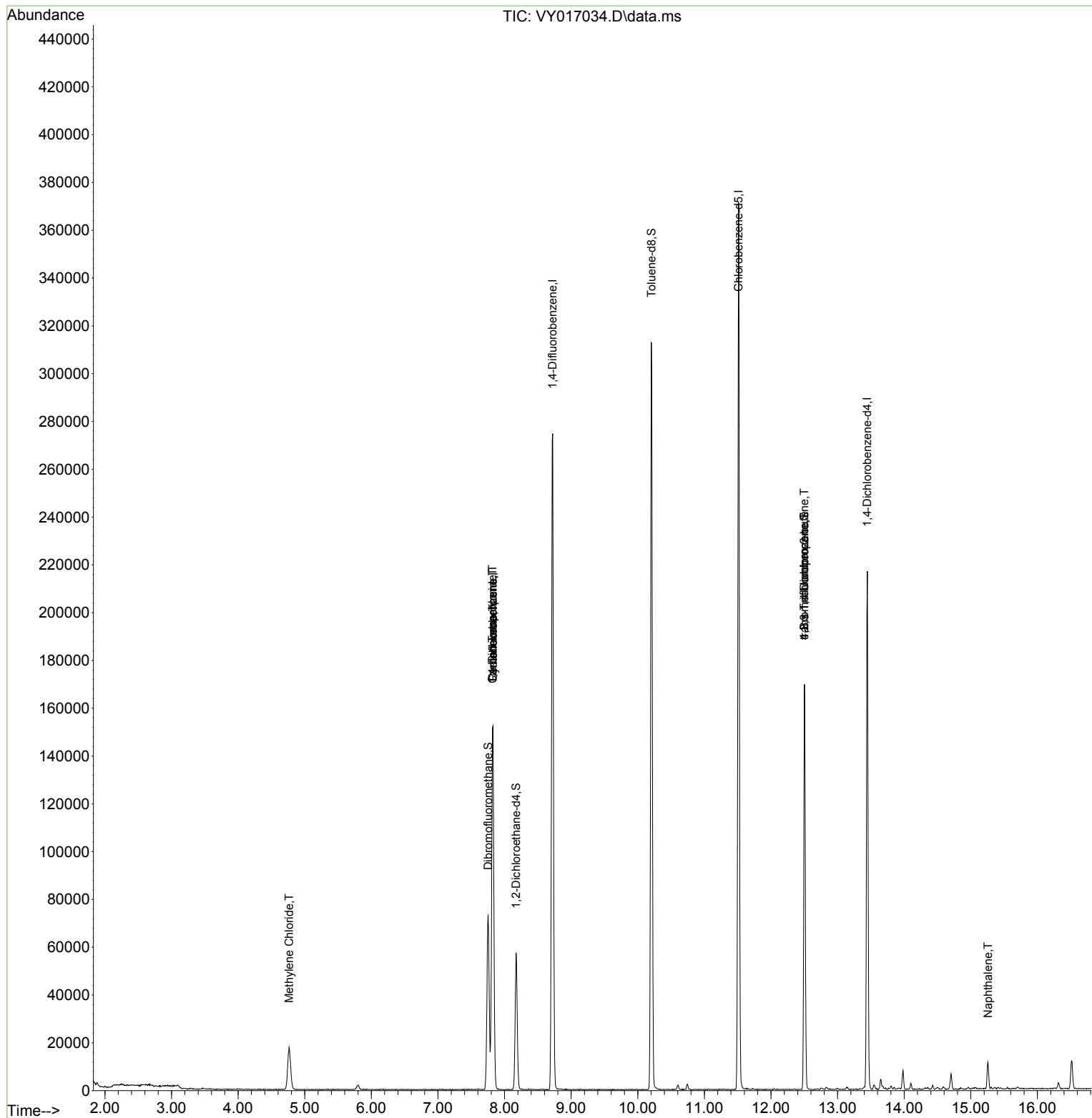
Internal Standards						
1) Pentafluorobenzene	7.826	168	117216	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	240957	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	201793	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	54881	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	43095	37.198	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.400%
35) Dibromofluoromethane	7.752	113	53604	34.911	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.820%
50) Toluene-d8	10.203	98	206649	39.083	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.160%
62) 4-Bromofluorobenzene	12.502	95	50687	28.413	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	20	Below Cal	#	40
16) Acetone	4.015	43	480	Below Cal	#	41
20) Methylene Chloride	4.765	84	13353	2.167	ug/l	96
31) Cyclohexane	7.826	56	2408	1.211	ug/l #	1
36) 1,1-Dichloropropene	7.820	75	9896	4.422	ug/l #	49
38) Carbon Tetrachloride	7.820	117	12107	5.325	ug/l #	16
76) 1,2,3-Trichloropropane	12.502	75	26888	45.148	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	26888	102.519	ug/l #	12
95) Naphthalene	15.257	128	9503	7.398	ug/l	98

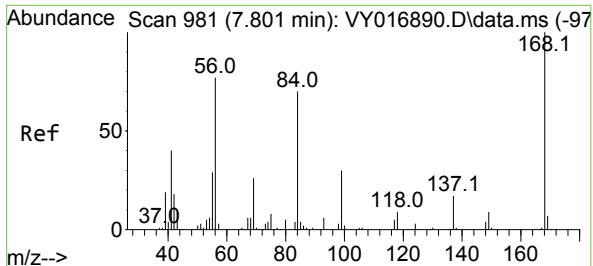
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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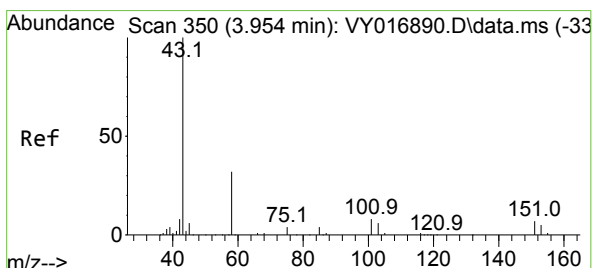
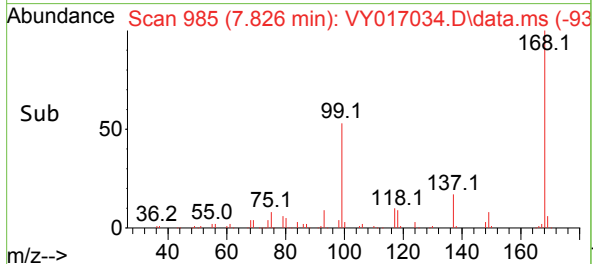
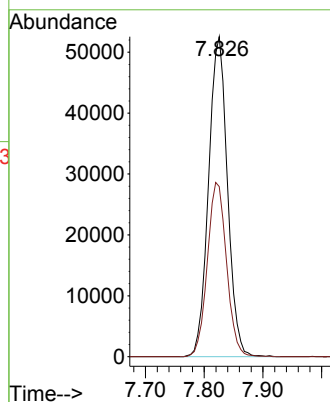
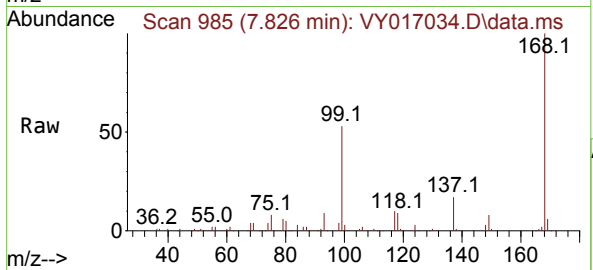




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

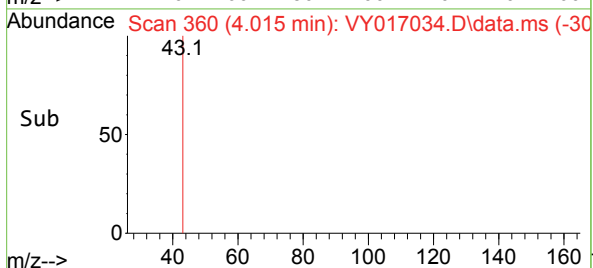
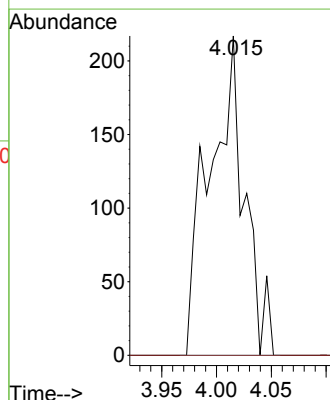
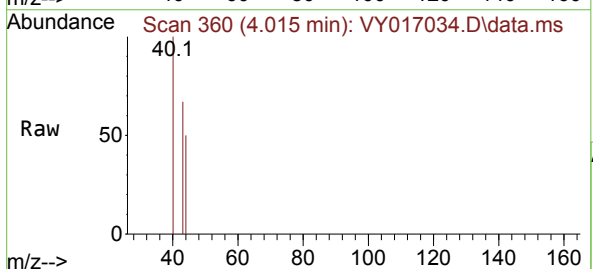
Instrument :
MSVOA_Y
ClientSampleId :

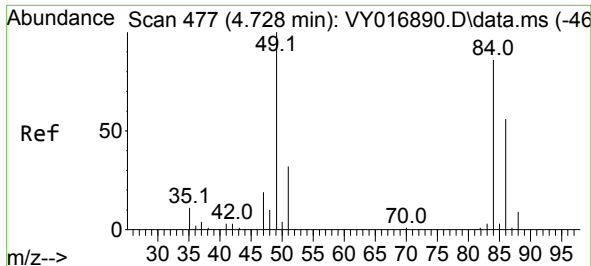
Tgt Ion:168 Resp: 117216
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 4.015 min Scan# 360
Delta R.T. 0.055 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

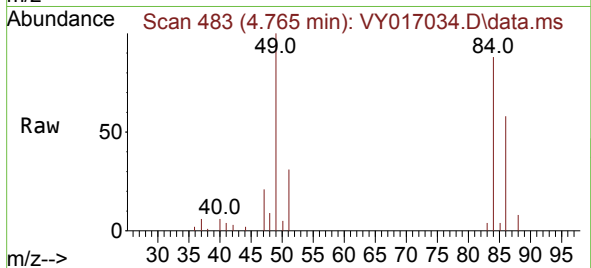
Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



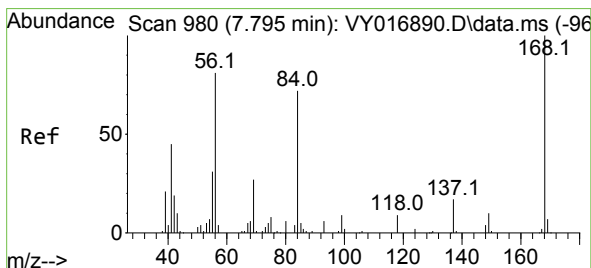
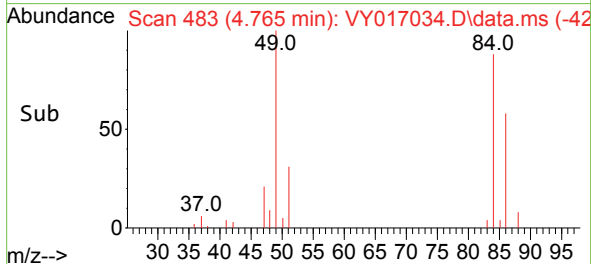
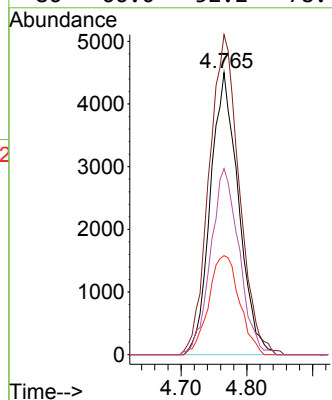


#20
Methylene Chloride
Concen: 2.167 ug/l
RT: 4.765 min Scan# 41
Delta R.T. 0.031 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :

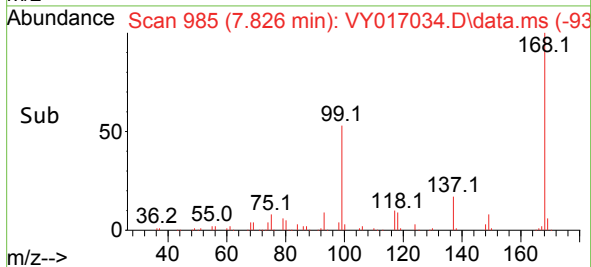
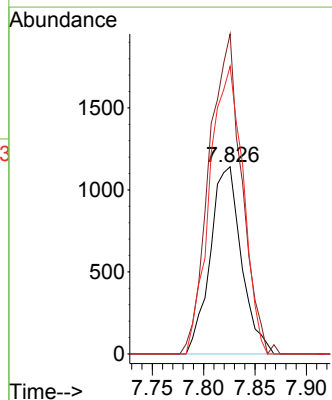
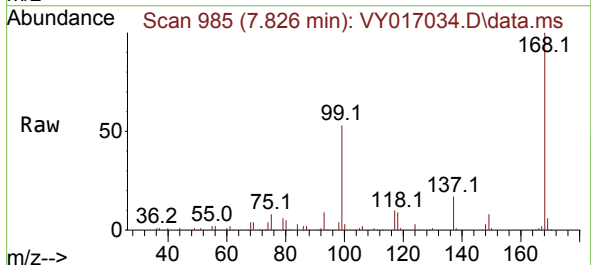


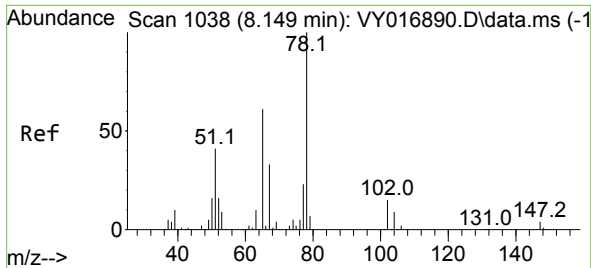
Tgt Ion: 84	Resp: 13353
Ion Ratio	Lower Upper
84 100	
49 113.4	95.2 142.8
51 35.1	29.9 44.9
86 66.0	52.2 78.4



#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.826 min Scan# 985
Delta R.T. 0.025 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Tgt Ion: 56	Resp: 2408
Ion Ratio	Lower Upper
56 100	
69 171.0	27.0 40.6#
84 153.7	71.8 107.6#

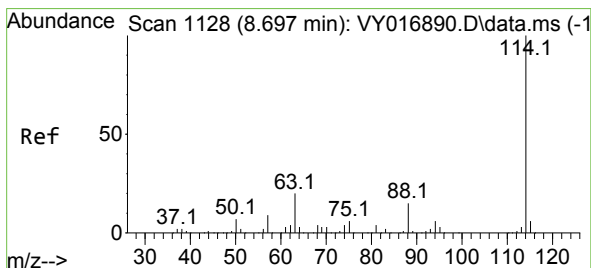
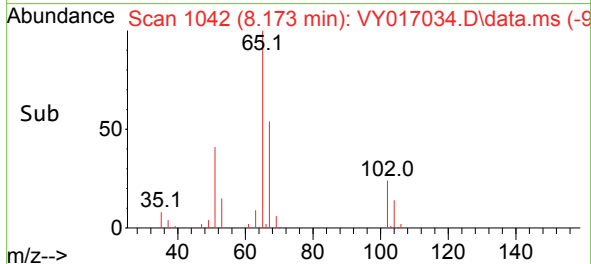
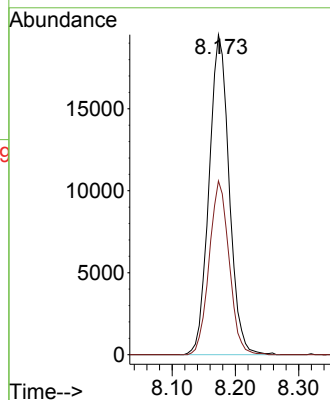
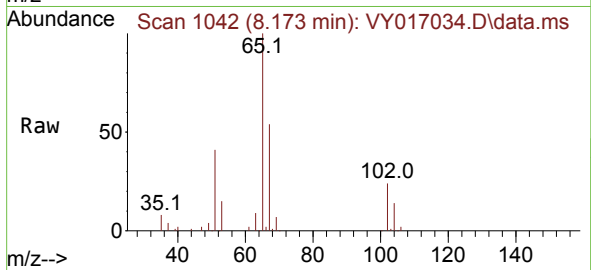




#33
1,2-Dichloroethane-d4
Concen: 37.198 ug/l
RT: 8.173 min Scan# 110
Delta R.T. 0.018 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

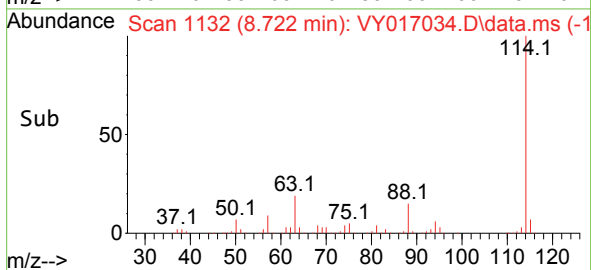
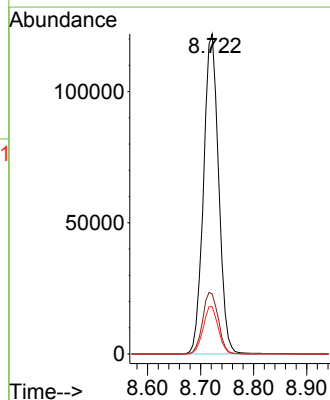
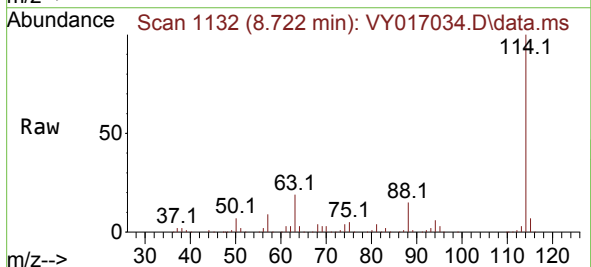
Instrument :
MSVOA_Y
ClientSampleId :

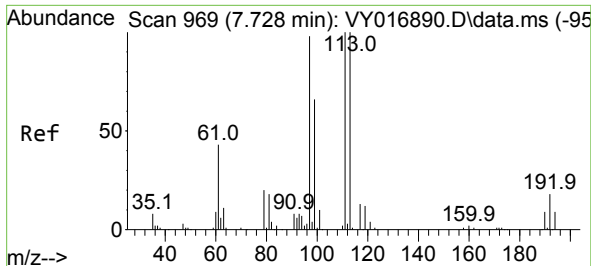
Tgt Ion: 65 Resp: 43095
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Tgt Ion: 114 Resp: 240957
Ion Ratio Lower Upper
114 100
63 18.8 0.0 37.4
88 14.8 0.0 29.0

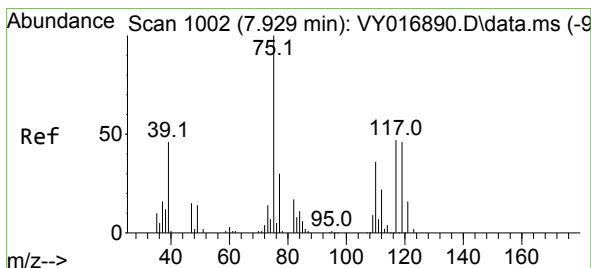
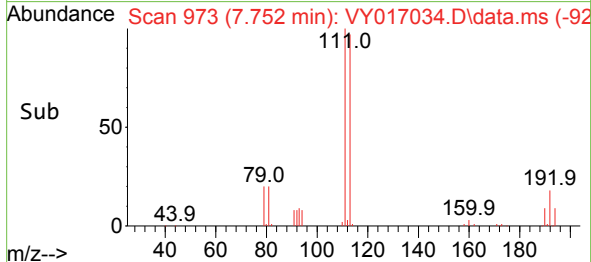
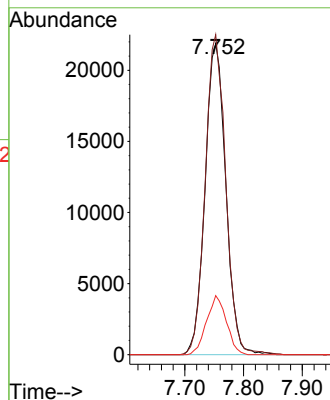
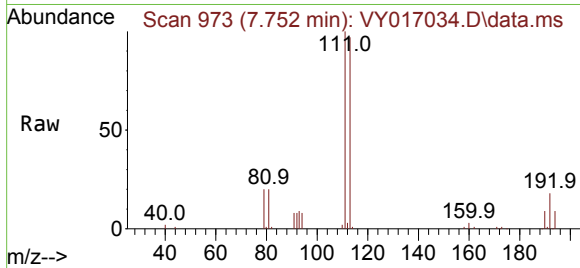




#35
Dibromofluoromethane
Concen: 34.911 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

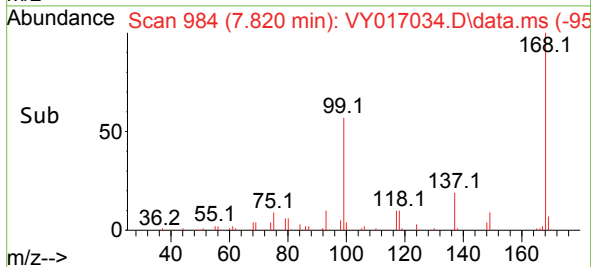
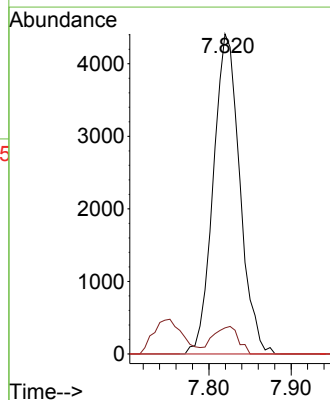
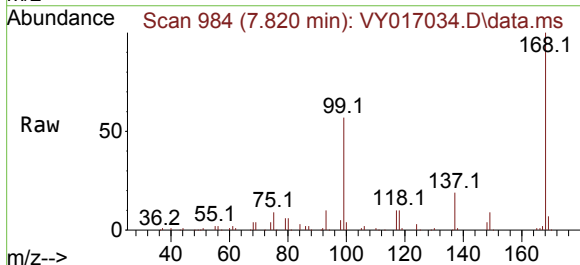
Instrument :
MSVOA_Y
ClientSampleId :

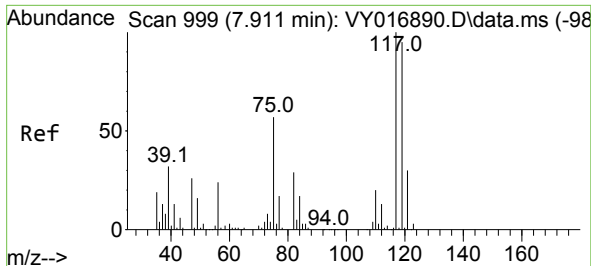
Tgt Ion:113 Resp: 53604
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.422 ug/l
RT: 7.820 min Scan# 984
Delta R.T. -0.109 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

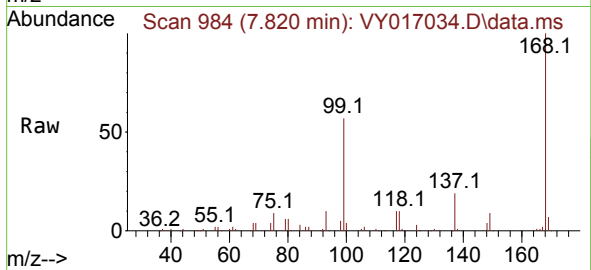
Tgt Ion: 75 Resp: 9896
Ion Ratio Lower Upper
75 100
110 8.3 17.4 52.3#
77 0.0 24.7 37.1#



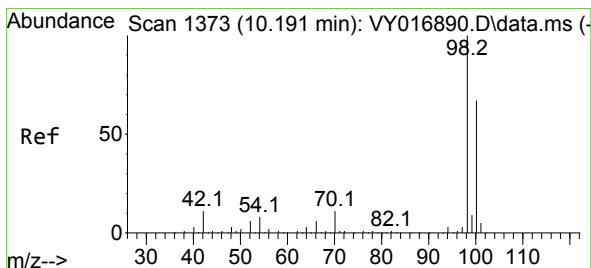
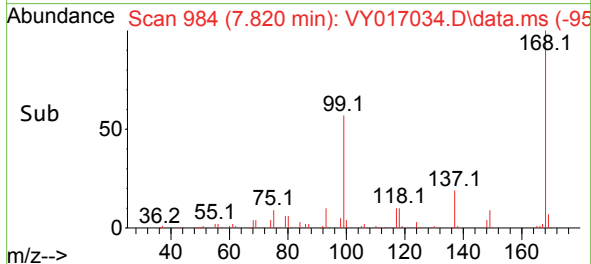
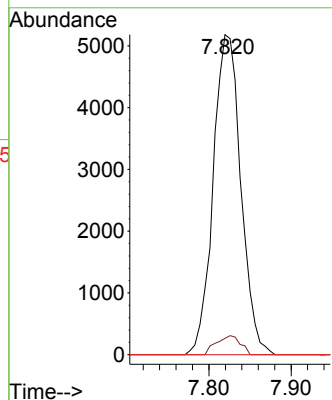


#38
Carbon Tetrachloride
Concen: 5.325 ug/l
RT: 7.820 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :

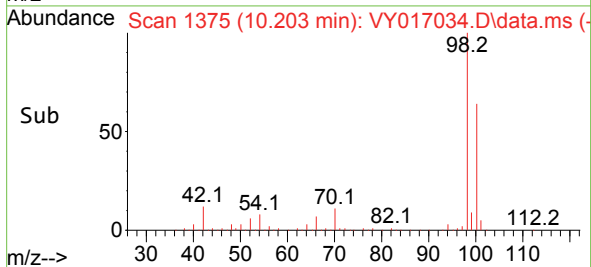
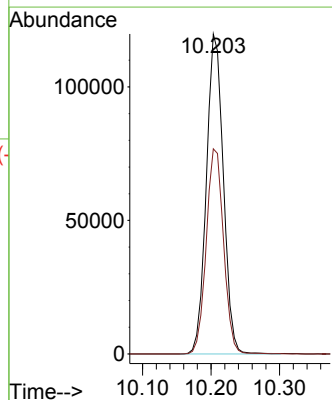
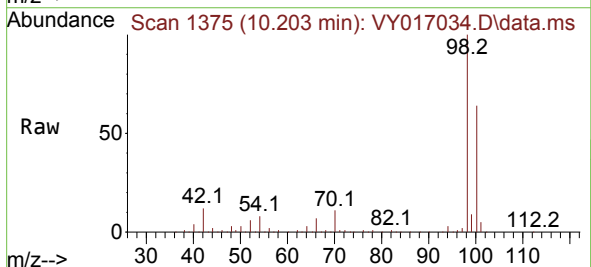


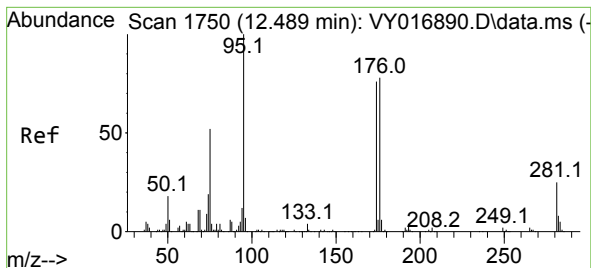
Tgt Ion:117 Resp: 12107
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.083 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Tgt Ion: 98 Resp: 206649
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

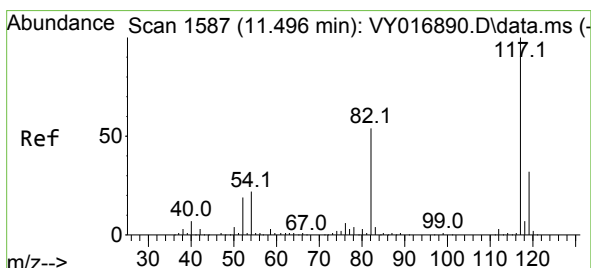
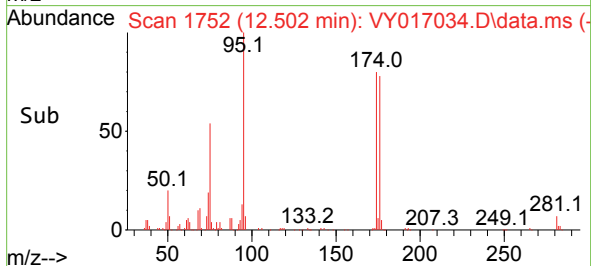
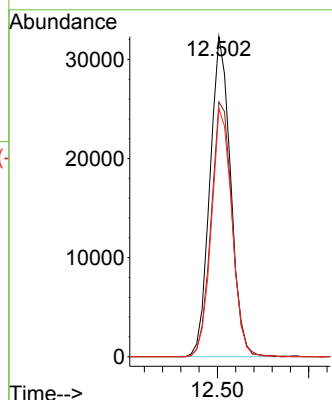
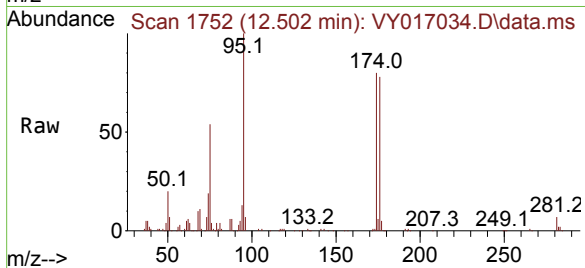




#62
4-Bromofluorobenzene
Concen: 28.413 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

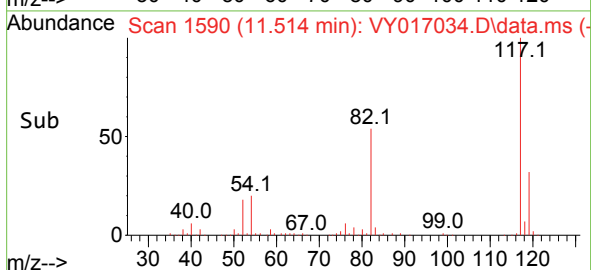
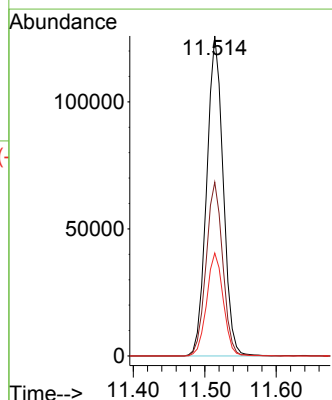
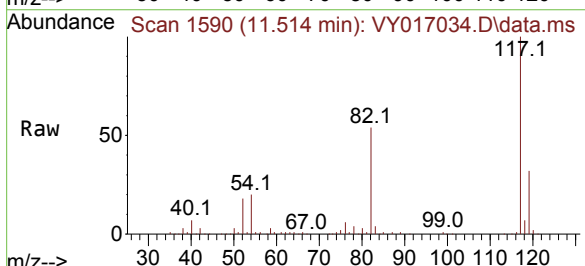
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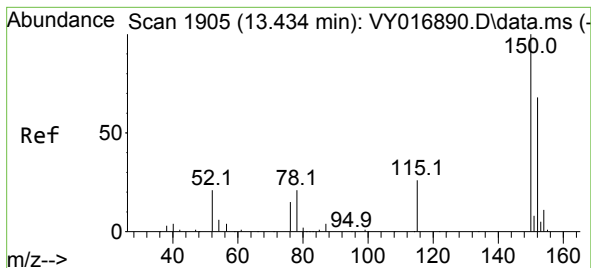
Tgt Ion: 95 Resp: 50687
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.0
176 77.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Tgt Ion: 117 Resp: 201793
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1905

Delta R.T. 0.013 min

Lab File: VY017034.D

Acq: 18 Jan 2024 13:00

Instrument :

MSVOA_Y

ClientSampleId :

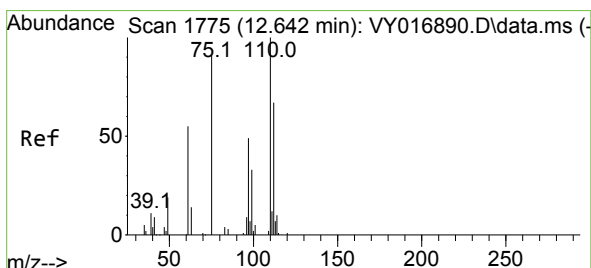
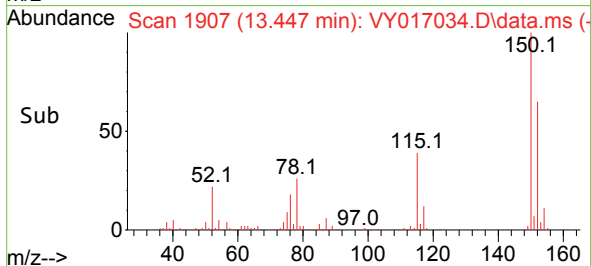
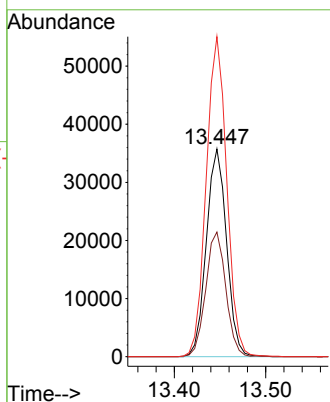
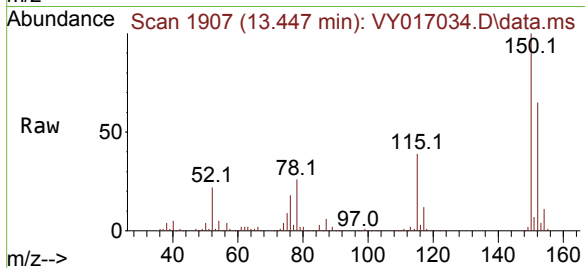
Tgt Ion:152 Resp: 54881

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 156.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 45.148 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. -0.140 min

Lab File: VY017034.D

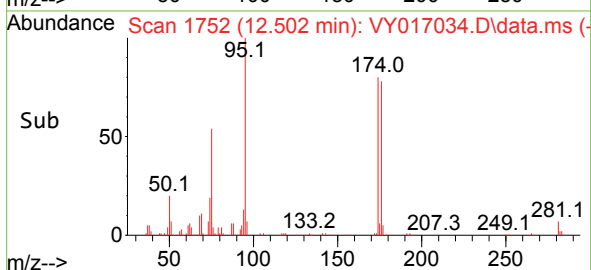
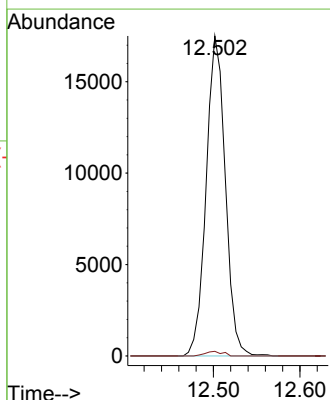
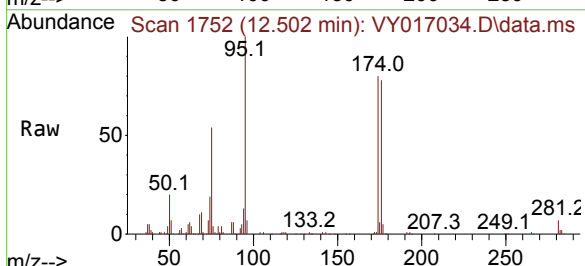
Acq: 18 Jan 2024 13:00

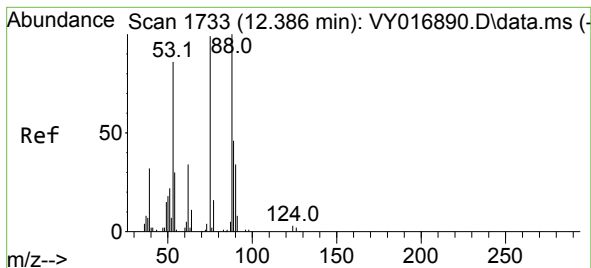
Tgt Ion: 75 Resp: 26888

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

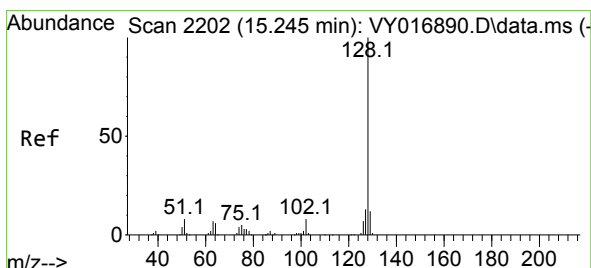
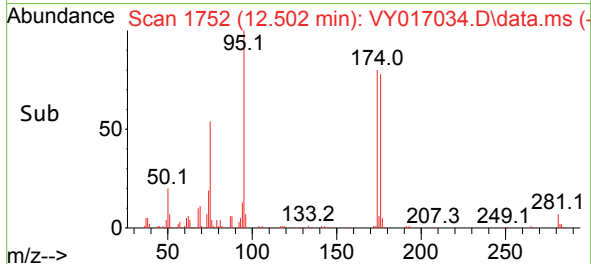
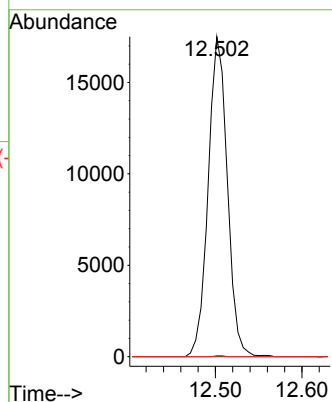
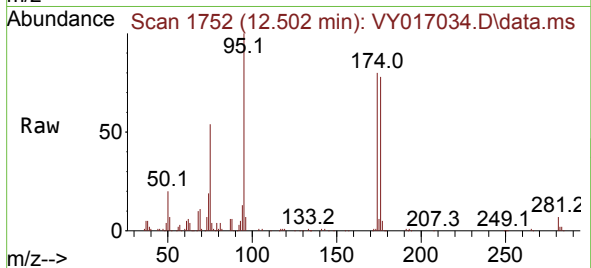




#81
trans-1,4-Dichloro-2-butene
Concen: 102.519 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.117 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26888
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.2 36.5 54.7#



#95
Naphthalene
Concen: 7.398 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017034.D
Acq: 18 Jan 2024 13:00

Tgt Ion: 128 Resp: 9503
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 11.1 8.6 12.8

