

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017035.D
 Acq On : 18 Jan 2024 13:23
 Operator : SY/MD
 Sample : P1161-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

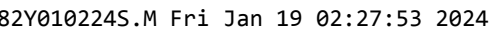
Quant Time: Jan 19 02:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

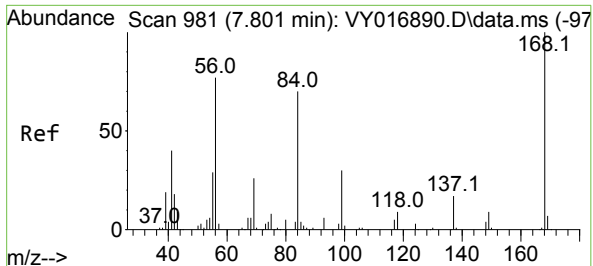
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.819	168	58819	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	114703	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	102724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	34666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	24308	41.813	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.620%
35) Dibromofluoromethane	7.752	113	27972	38.269	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.540%
50) Toluene-d8	10.203	98	99852	39.672	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.340%
62) 4-Bromofluorobenzene	12.501	95	28136	33.133	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	66.260%
Target Compounds						
					Qvalue	
16) Acetone	3.991	43	274	Below Cal	#	41
20) Methylene Chloride	4.753	84	4685	Below Cal		95
31) Cyclohexane	7.813	56	1402	1.405	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	4866	4.568	ug/l #	51
38) Carbon Tetrachloride	7.819	117	6092	5.629	ug/l #	17
76) 1,2,3-Trichloropropane	12.501	75	14687	39.042	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	14687	88.654	ug/l #	12
95) Naphthalene	15.257	128	724	1.363	ug/l #	69

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

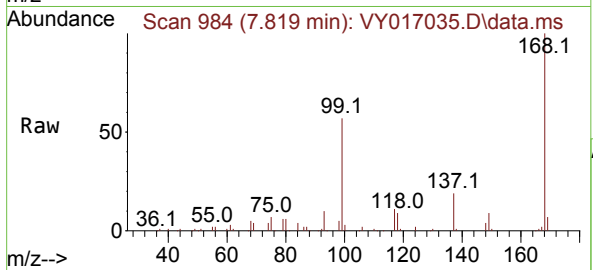
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



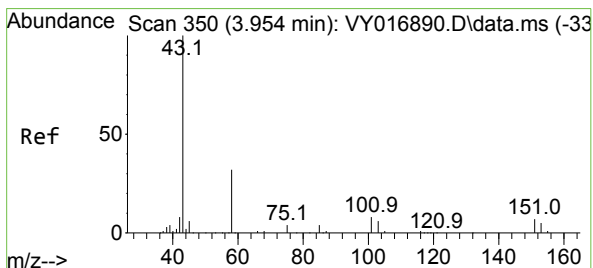
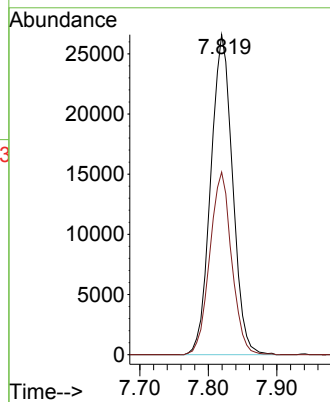
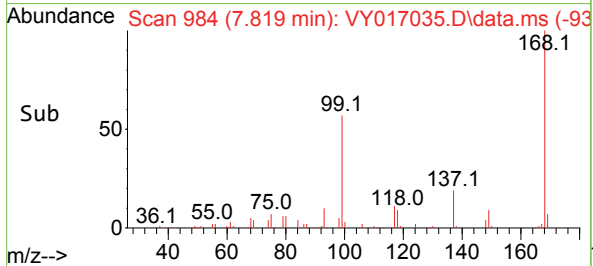


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :

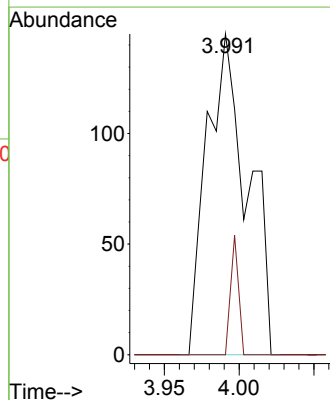
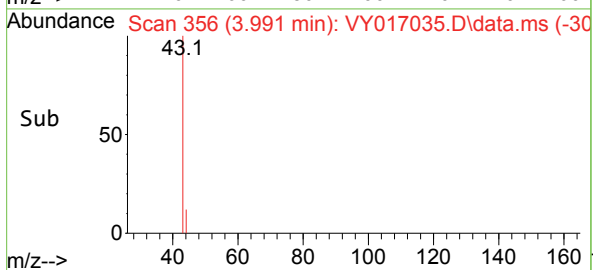
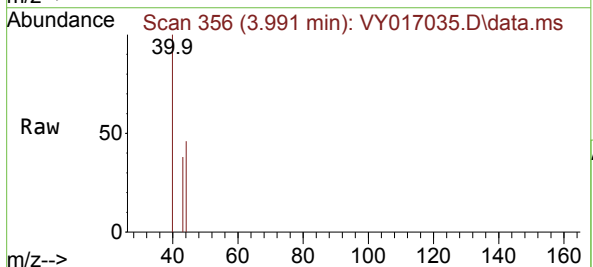


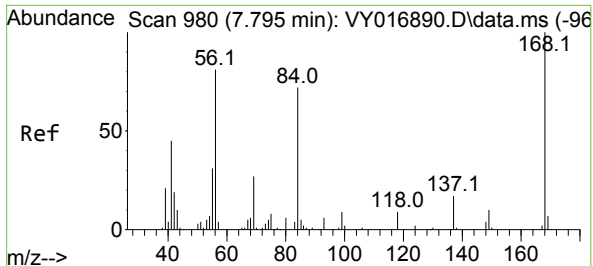
Tgt Ion:168 Resp: 58819
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.991 min Scan# 356
Delta R.T. 0.031 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

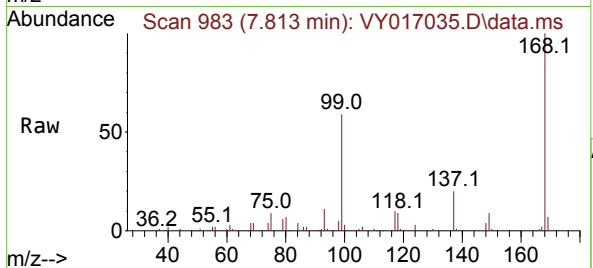
Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



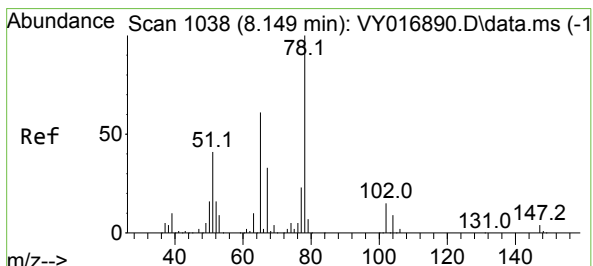
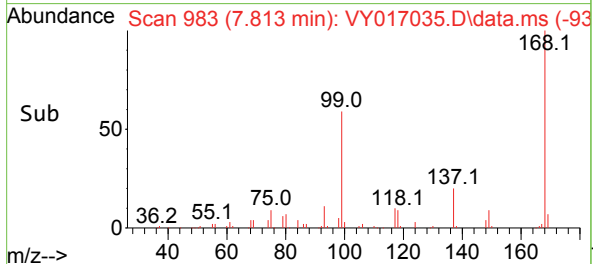
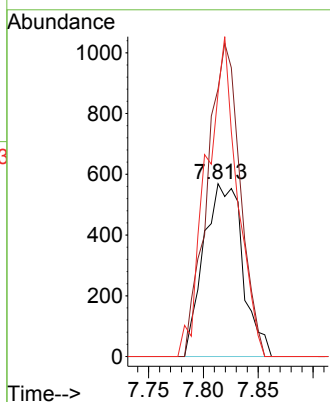


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :

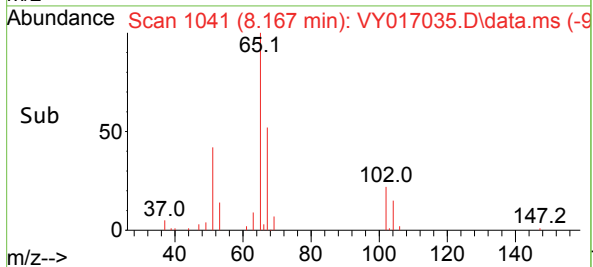
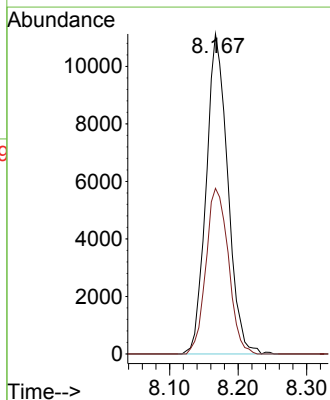
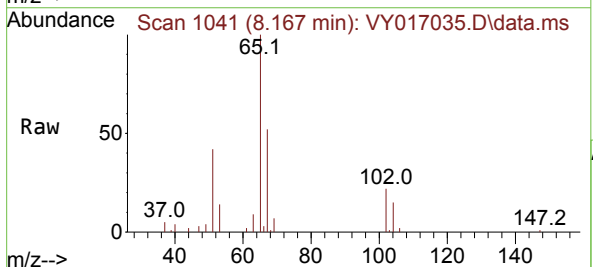


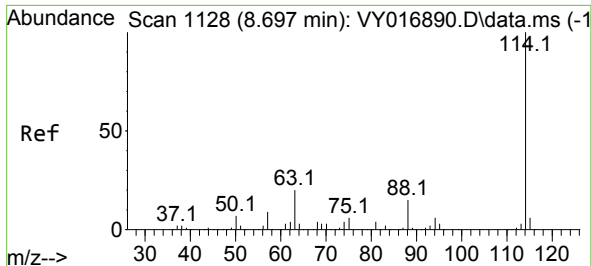
Tgt Ion: 56 Resp: 1402
Ion Ratio Lower Upper
56 100
69 154.7 27.0 40.6#
84 152.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 41.813 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Tgt Ion: 65 Resp: 24308
Ion Ratio Lower Upper
65 100
67 53.8 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: VY017035.D

Acq: 18 Jan 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

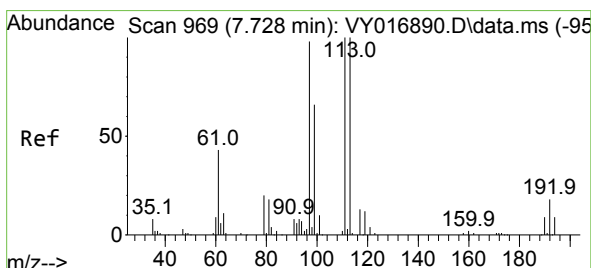
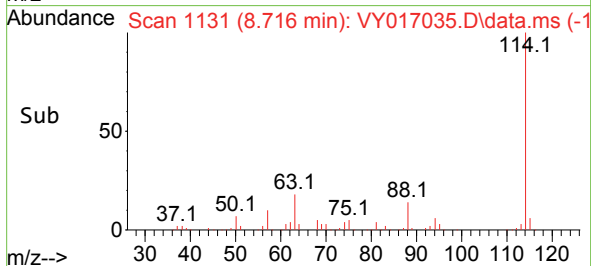
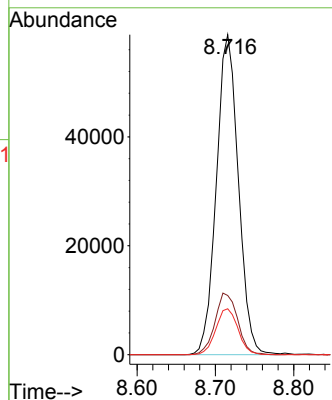
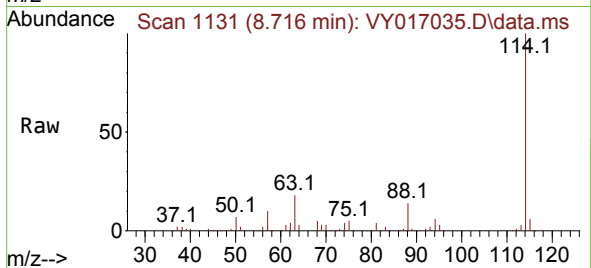
Tgt Ion:114 Resp: 114703

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.269 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017035.D

Acq: 18 Jan 2024 13:23

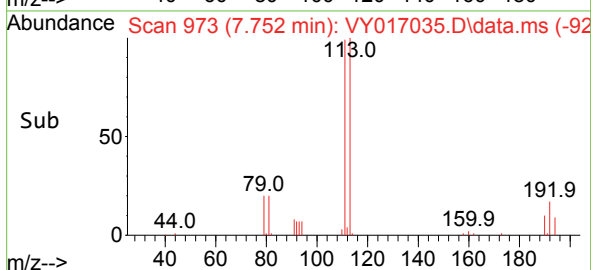
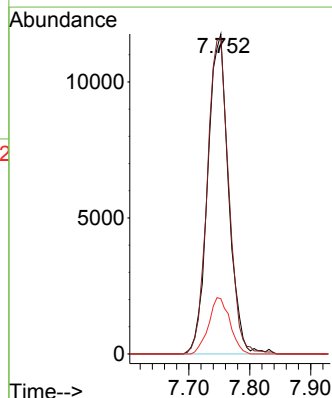
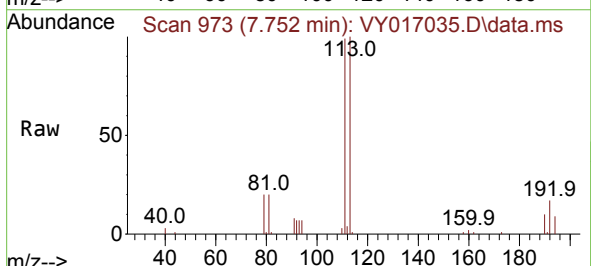
Tgt Ion:113 Resp: 27972

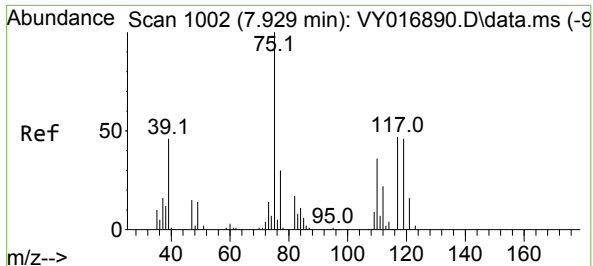
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.568 ug/l

RT: 7.813 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY017035.D

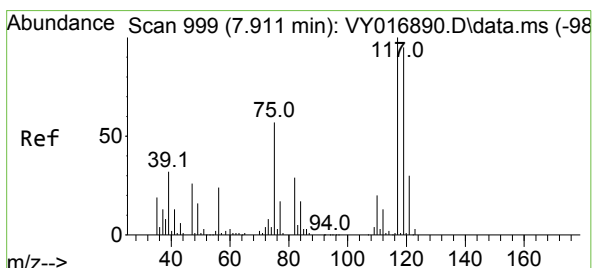
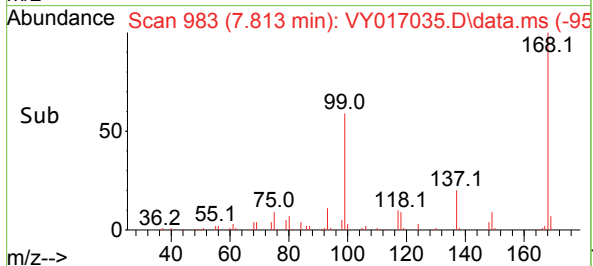
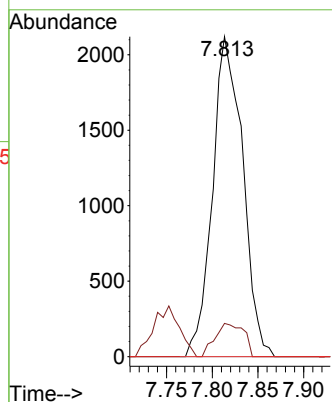
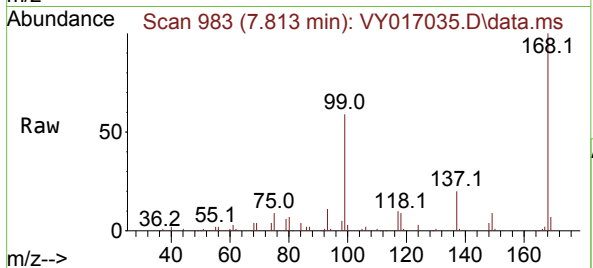
Acq: 18 Jan 2024 13:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 4866
Ion Ratio	Lower Upper
75 100	
110 9.9	17.4 52.3#
77 0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.629 ug/l

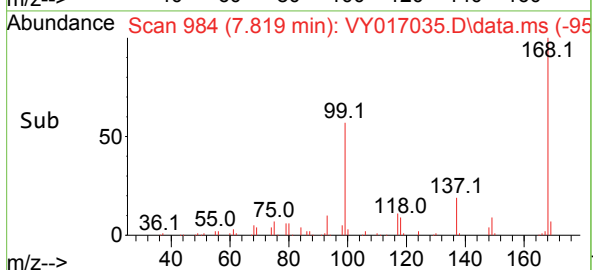
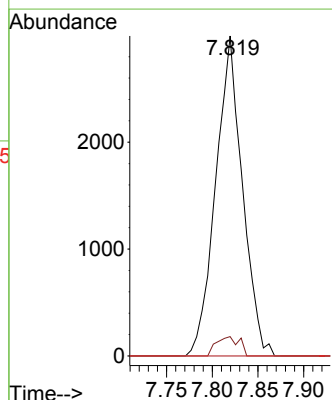
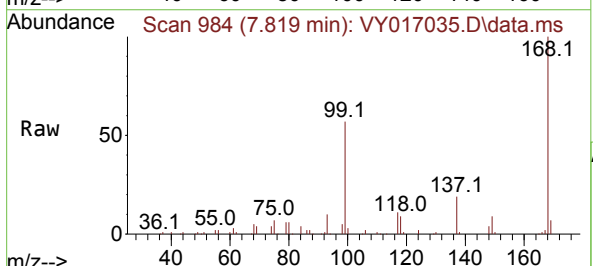
RT: 7.819 min Scan# 984

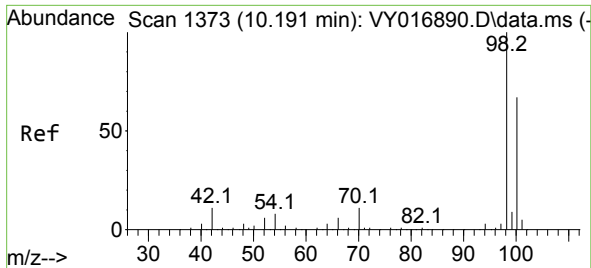
Delta R.T. -0.098 min

Lab File: VY017035.D

Acq: 18 Jan 2024 13:23

Tgt Ion: 117	Resp: 6092
Ion Ratio	Lower Upper
117 100	
119 6.0	76.0 114.0#
121 0.0	24.2 36.2#

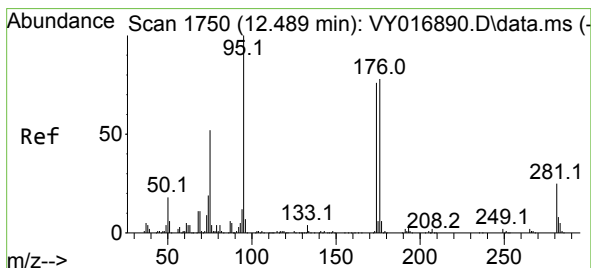
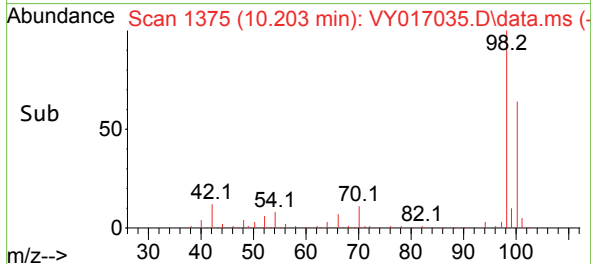
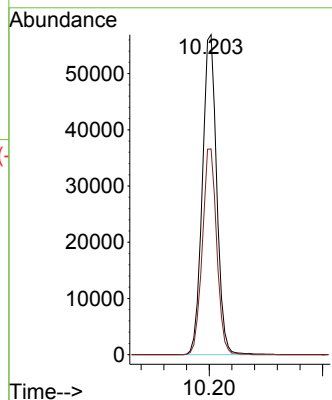
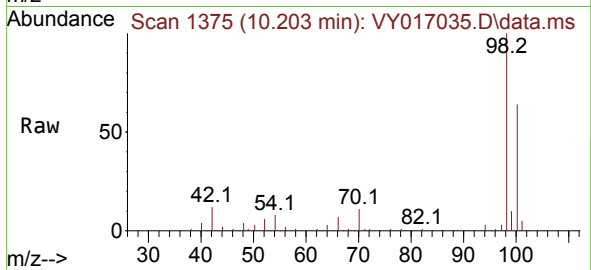




#50
Toluene-d8
Concen: 39.672 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

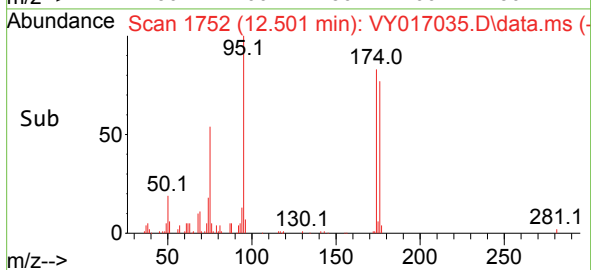
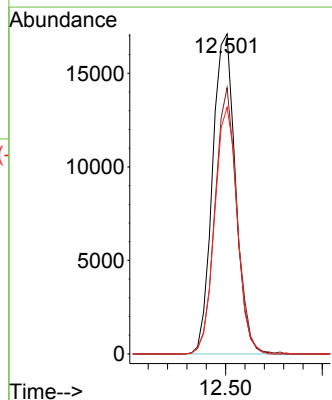
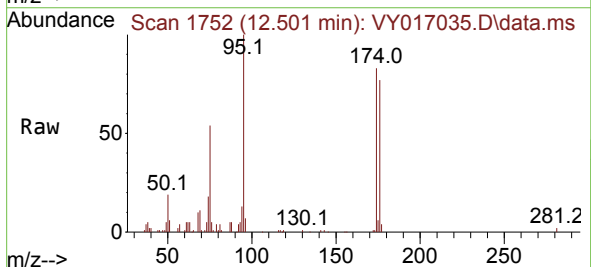
Instrument :
MSVOA_Y
ClientSampleId :

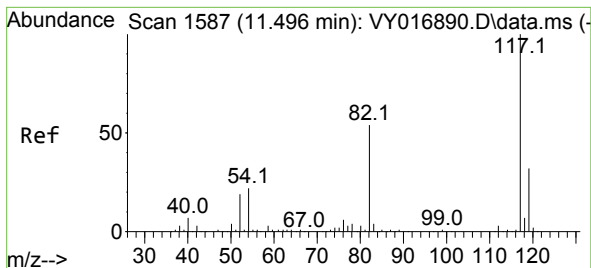
Tgt Ion: 98 Resp: 99852
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 33.133 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Tgt Ion: 95 Resp: 28136
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.0
176 76.3 0.0 151.8

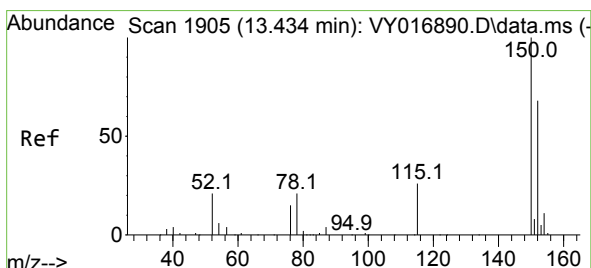
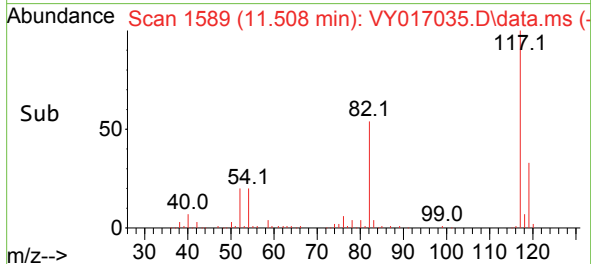
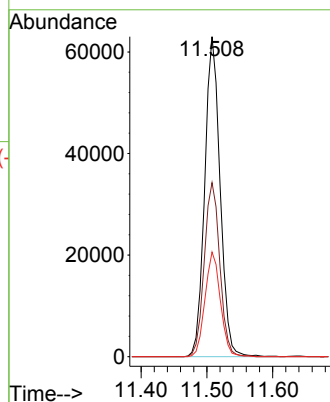
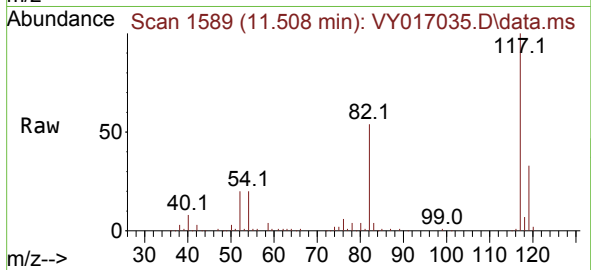




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

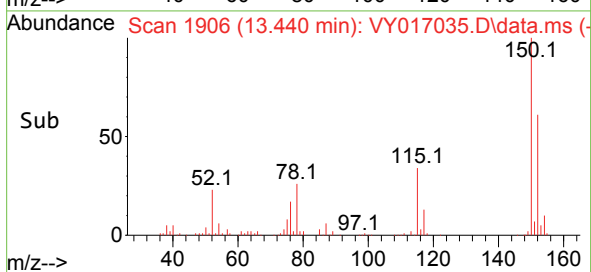
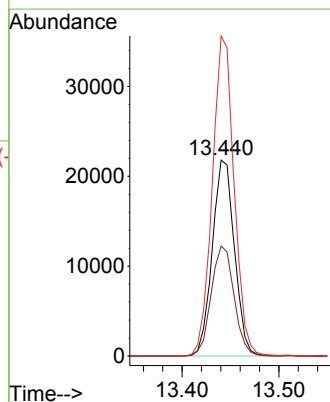
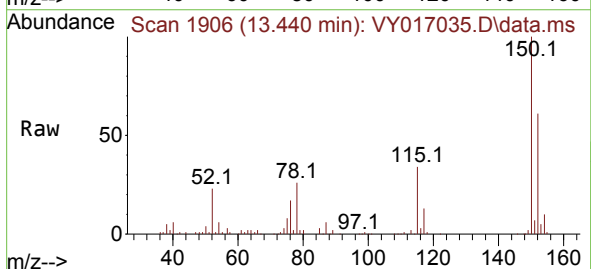
Instrument :
MSVOA_Y
ClientSampleId :

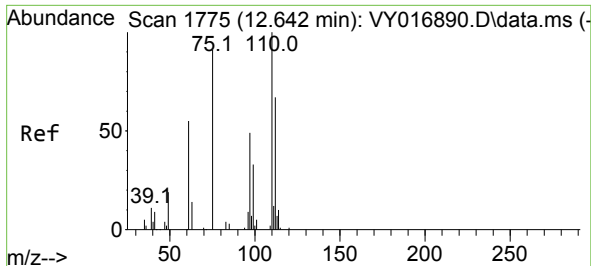
Tgt Ion:117 Resp: 102724
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Tgt Ion:152 Resp: 34666
Ion Ratio Lower Upper
152 100
115 57.8 30.0 90.0
150 160.9 0.0 344.6

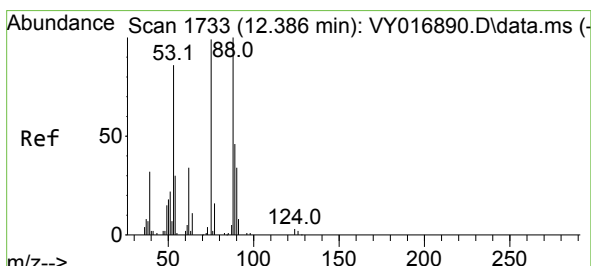
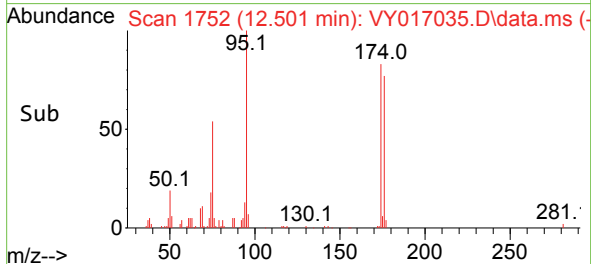
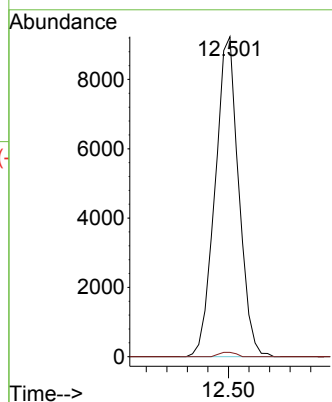
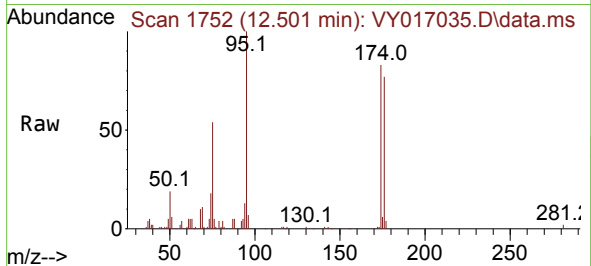




#76
1,2,3-Trichloropropane
Concen: 39.042 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

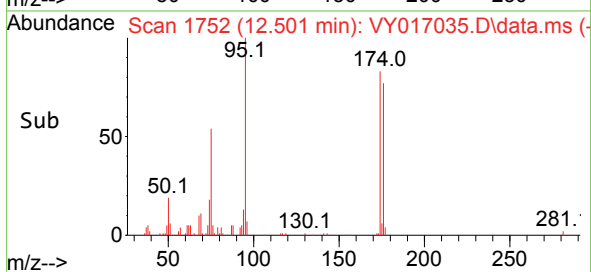
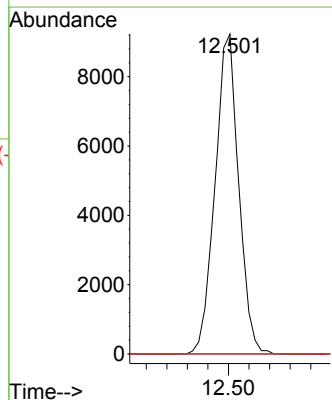
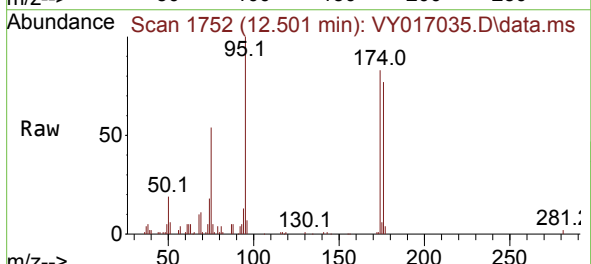
Instrument :
MSVOA_Y
ClientSampleId :

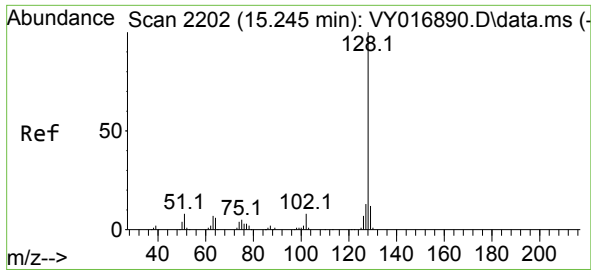
Tgt Ion: 75 Resp: 14687
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.654 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

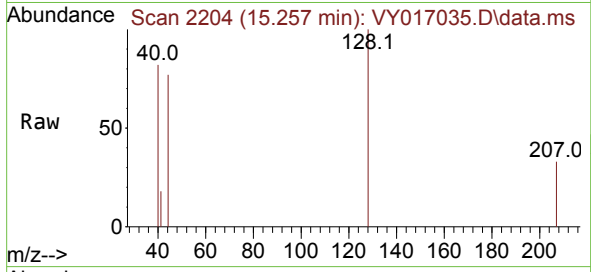
Tgt Ion: 75 Resp: 14687
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 1.363 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017035.D
Acq: 18 Jan 2024 13:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	724
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

