

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017549.D
 Acq On : 01 Mar 2024 13:57
 Operator : SY/MD
 Sample : P1660-08
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-195-GW-1000-1002

Quant Time: Mar 02 00:18:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

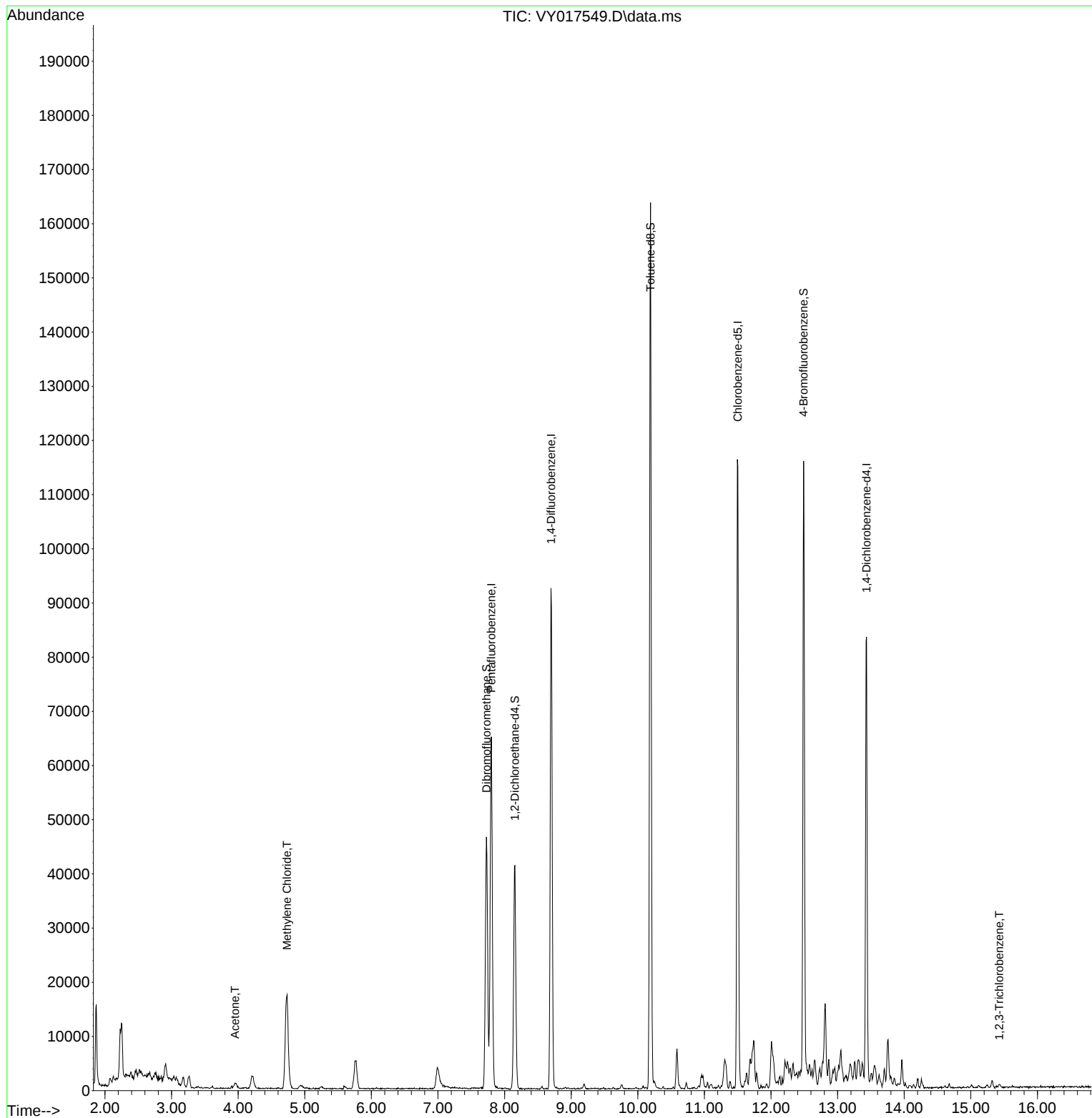
Internal Standards						
1) Pentafluorobenzene	7.801	168	53998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	85017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	71056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	23013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	31104	60.779	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.560%
35) Dibromofluoromethane	7.728	113	33894	57.212	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.420%
50) Toluene-d8	10.191	98	112256	54.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.380%
62) 4-Bromofluorobenzene	12.489	95	28454	43.710	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.420%
Target Compounds						
16) Acetone	3.954	43	2114	21.298	ug/l #	81
20) Methylene Chloride	4.735	84	14996	22.726	ug/l	95
96) 1,2,3-Trichlorobenzene	15.428	180	420	1.319	ug/l	68

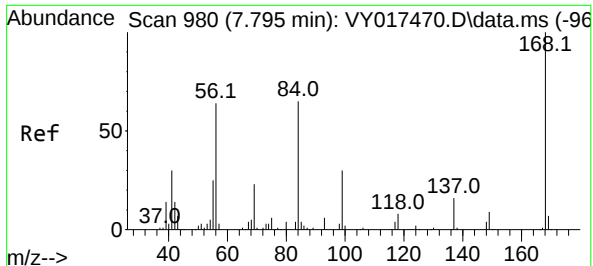
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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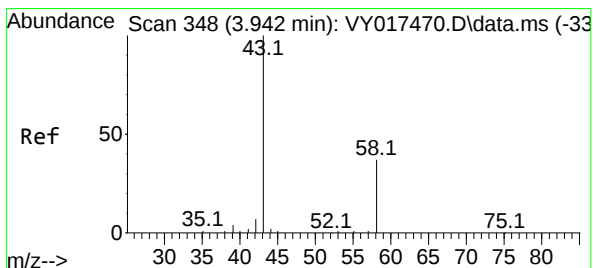
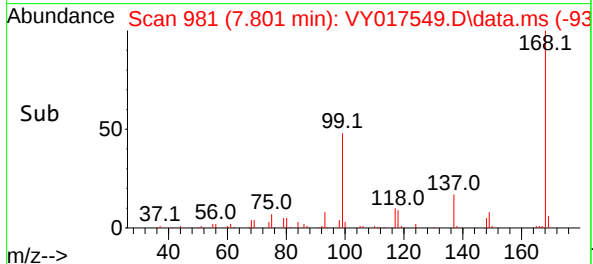
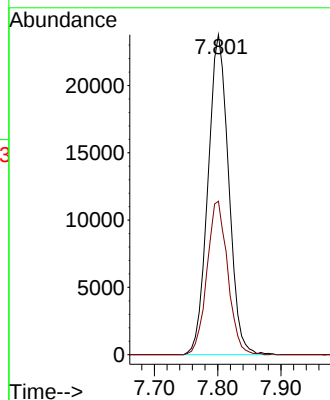
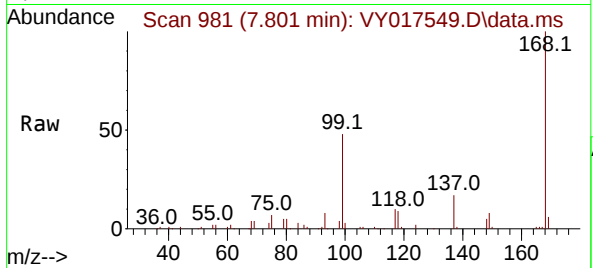




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

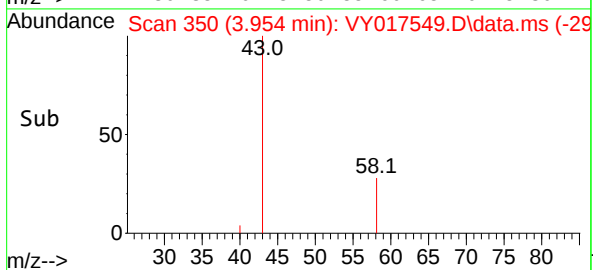
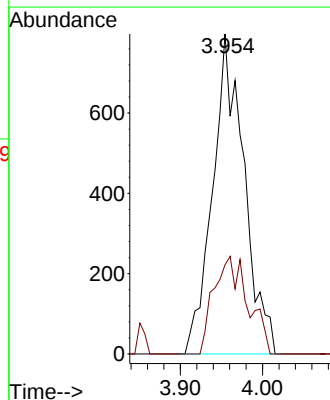
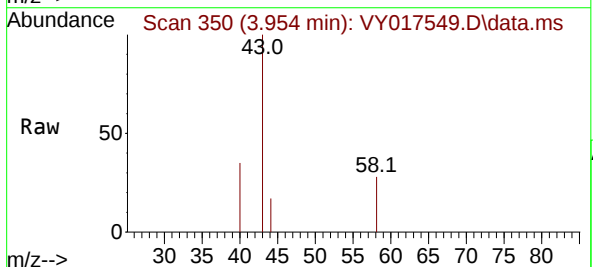
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-195-GW-1000-1002

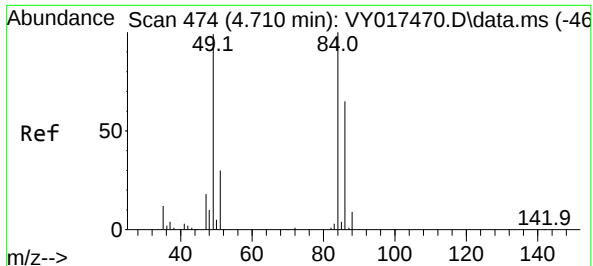
Tgt Ion:168 Resp: 53998
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#16
Acetone
Concen: 21.298 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

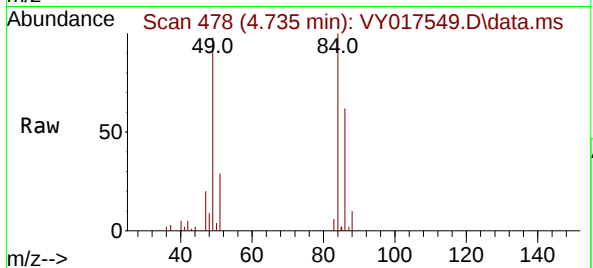
Tgt Ion: 43 Resp: 2114
Ion Ratio Lower Upper
43 100
58 27.9 31.7 47.5#



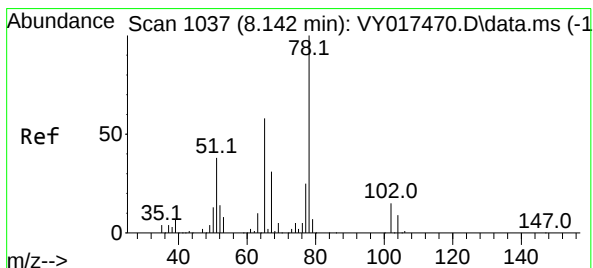
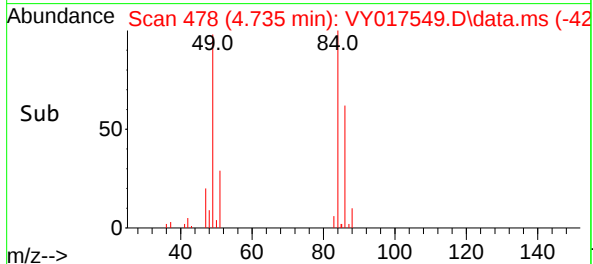
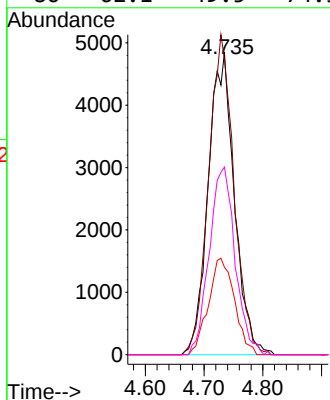


#20
Methylene Chloride
Concen: 22.726 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-195-GW-1000-1002

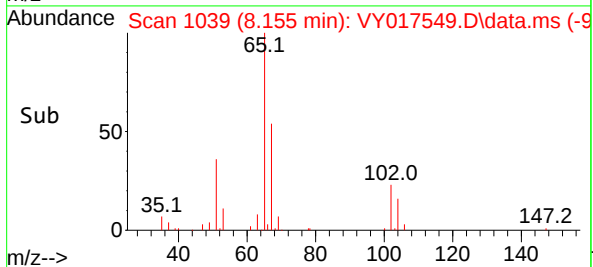
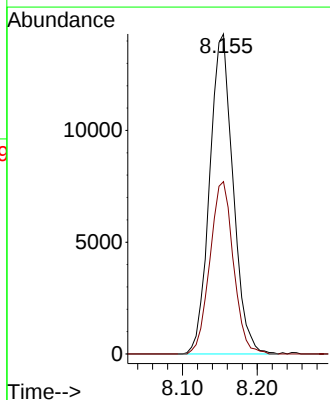
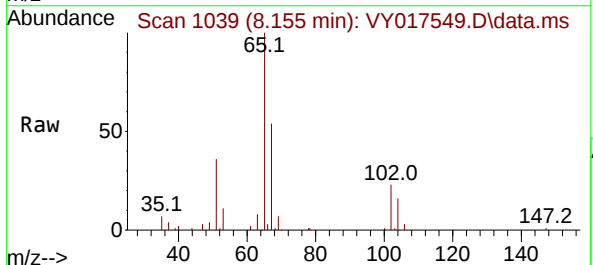


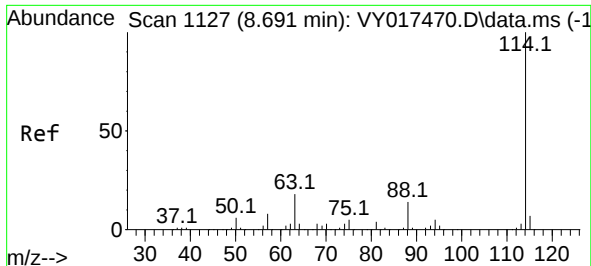
Tgt Ion:	84	Resp:	14996
Ion	Ratio	Lower	Upper
84	100		
49	97.9	84.4	126.6
51	29.0	26.0	39.0
86	62.1	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 60.779 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

Tgt Ion:	65	Resp:	31104
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017549.D

Acq: 01 Mar 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-195-GW-1000-1002

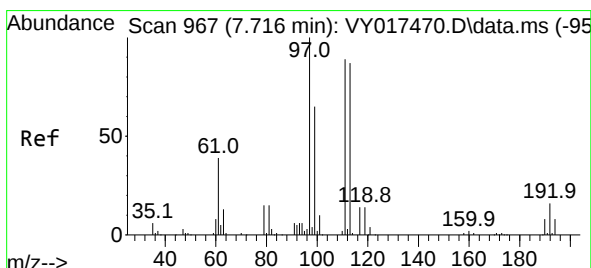
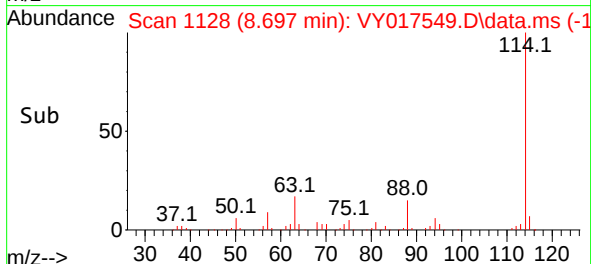
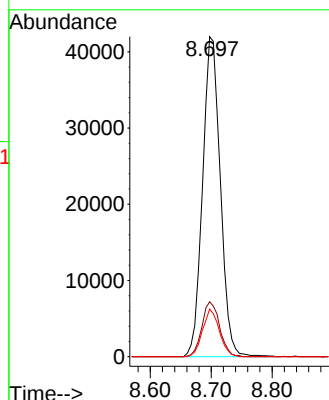
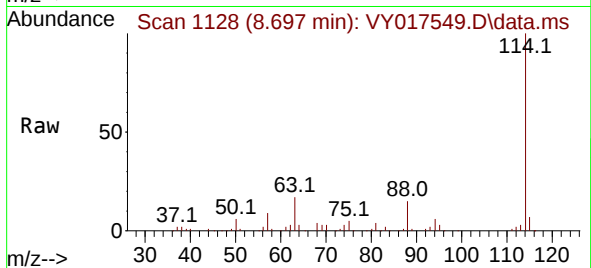
Tgt Ion:114 Resp: 85017

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.212 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017549.D

Acq: 01 Mar 2024 13:57

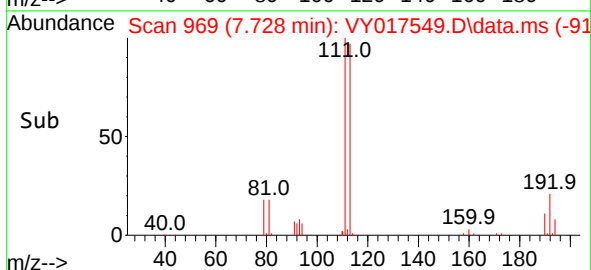
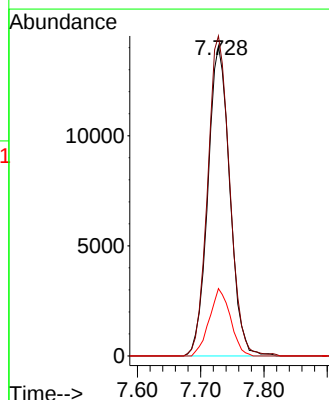
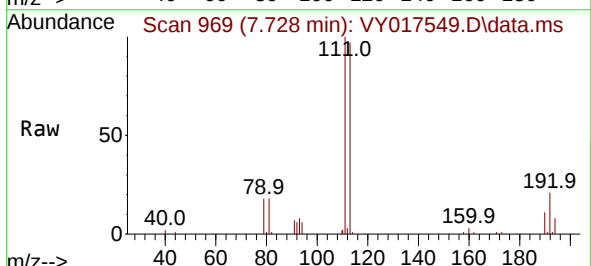
Tgt Ion:113 Resp: 33894

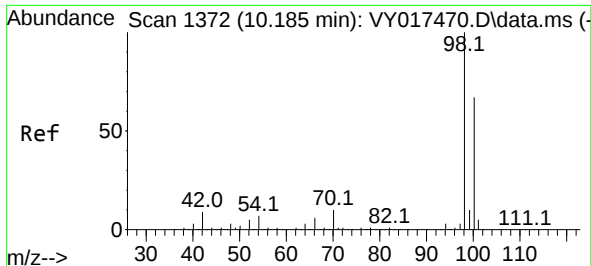
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 21.0 15.9 23.9

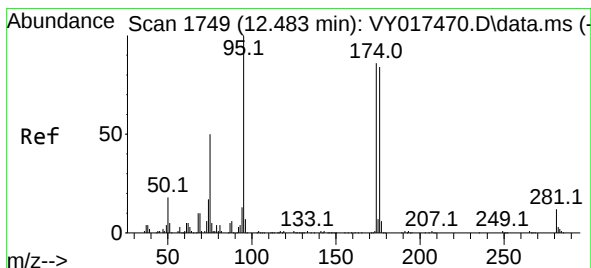
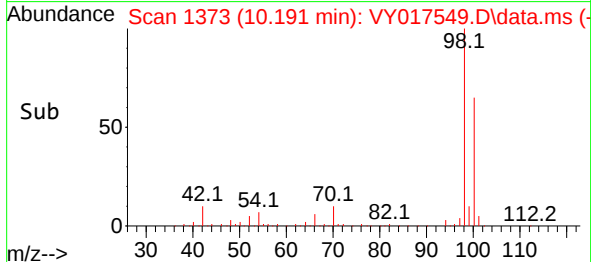
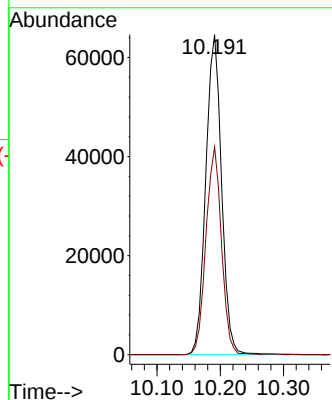
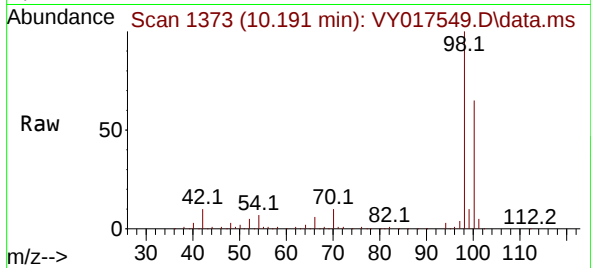




#50
Toluene-d8
Concen: 54.195 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

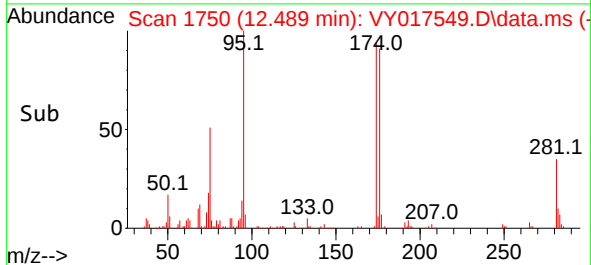
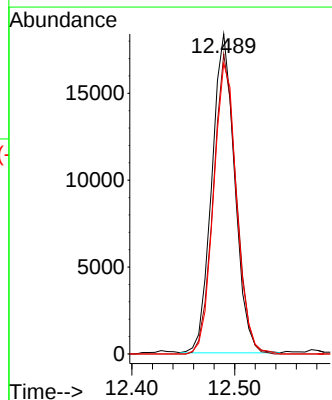
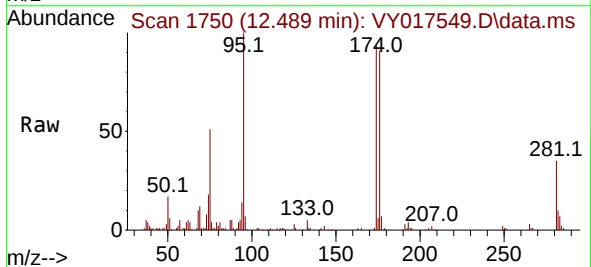
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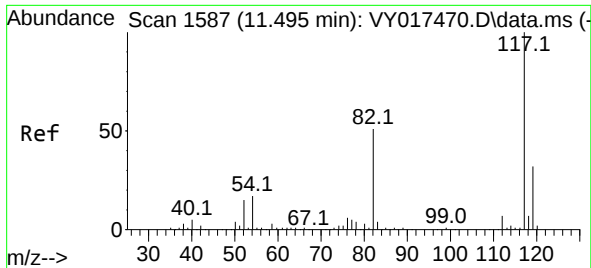
Tgt Ion: 98 Resp: 112256
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.710 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

Tgt Ion: 95 Resp: 28454
Ion Ratio Lower Upper
95 100
174 93.5 0.0 175.6
176 91.8 0.0 171.4

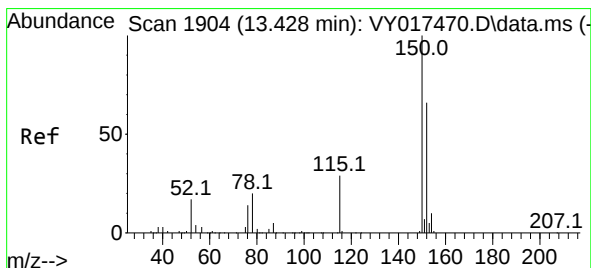
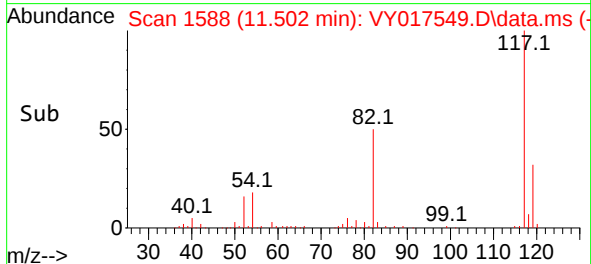
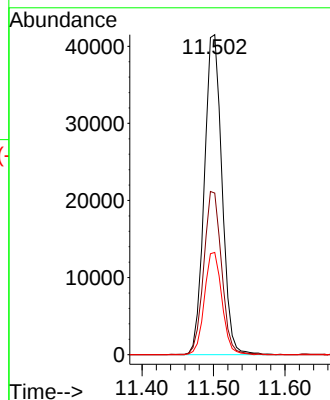
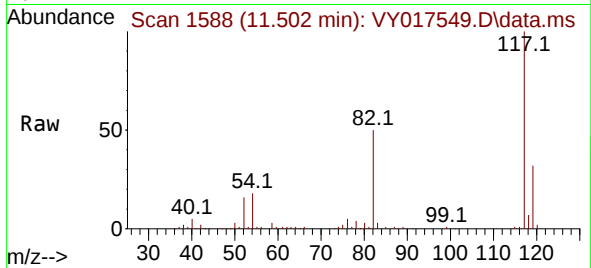




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

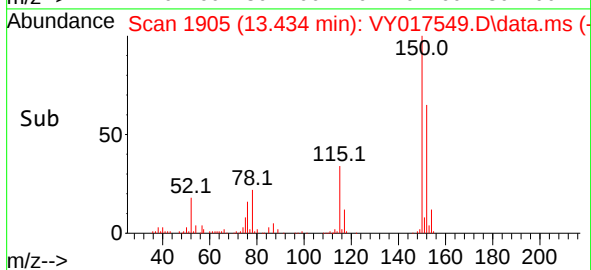
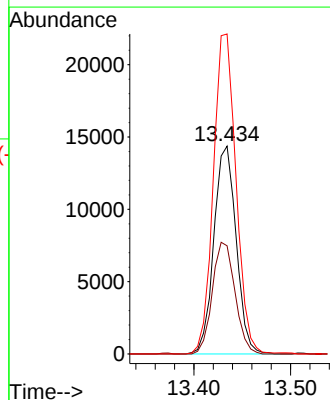
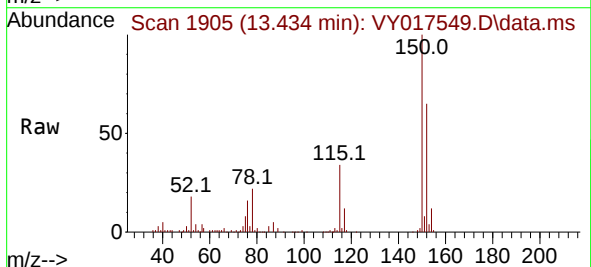
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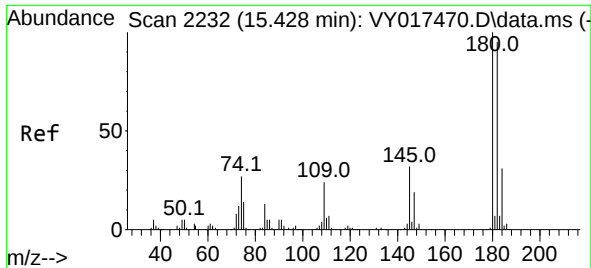
Tgt Ion:117 Resp: 71056
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017549.D
Acq: 01 Mar 2024 13:57

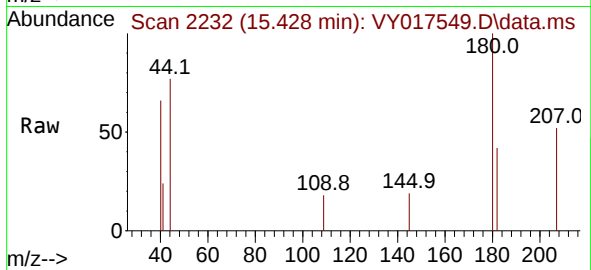
Tgt Ion:152 Resp: 23013
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 156.4 0.0 345.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.319 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017549.D
 Acq: 01 Mar 2024 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	180	Resp:	420
Ion	Ratio	Lower	Upper
180	100		
182	62.4	47.6	142.9
145	15.7	15.4	46.1

