

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017986.D
 Acq On : 18 Apr 2024 19:13
 Operator : SY/MD
 Sample : P2177-03
 Misc : 4.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-20

Quant Time: Apr 19 02:04:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

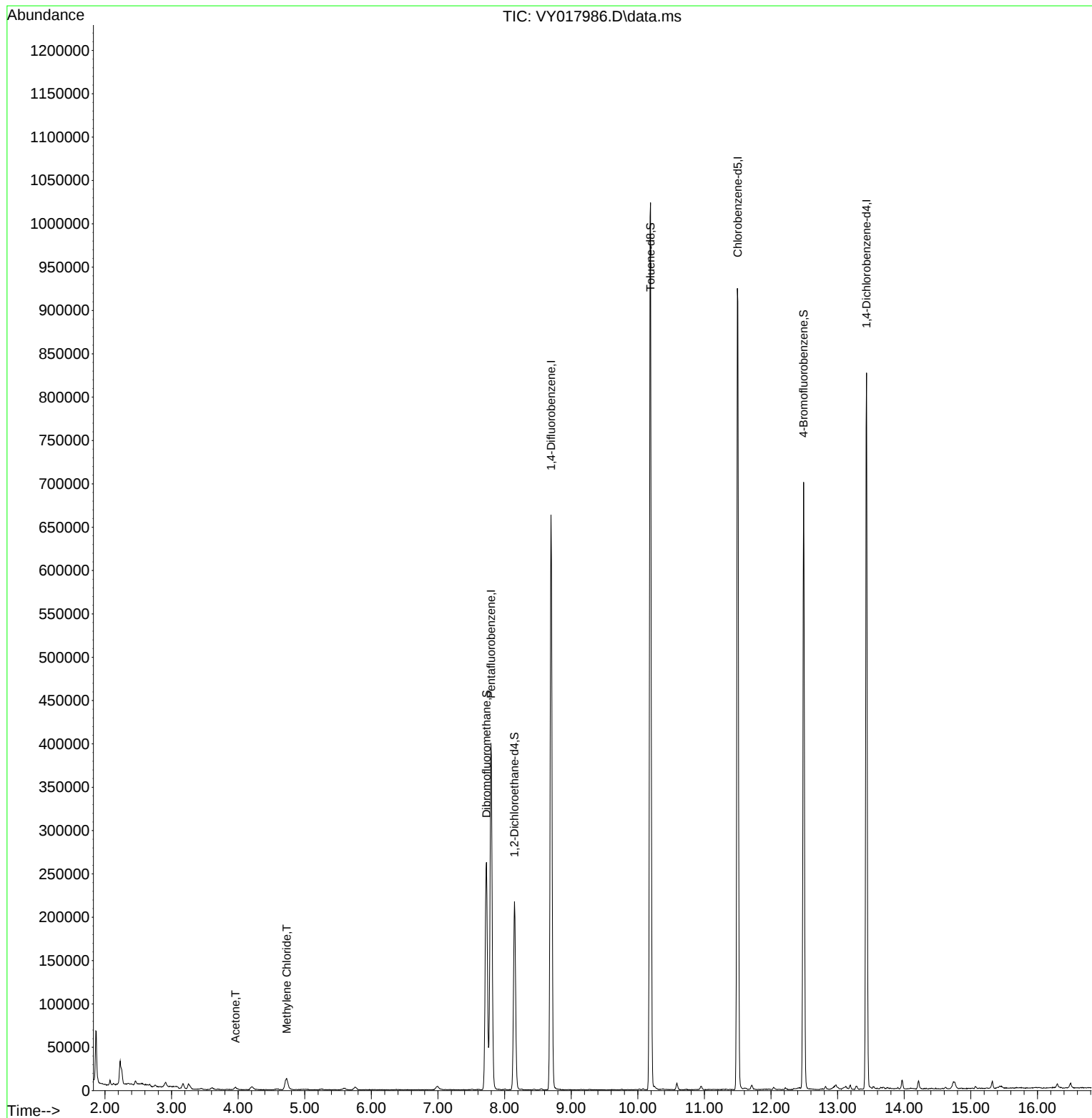
Internal Standards						
1) Pentafluorobenzene	7.795	168	332405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	604613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	555876	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	230475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	162769	56.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.728	113	193244	51.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.191	98	694825	49.091	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.489	95	208446	47.553	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.100%
Target Compounds						
						Qvalue
16) Acetone	3.960	43	4592	8.079	ug/l	98
20) Methylene Chloride	4.728	84	10303	2.676	ug/l #	87

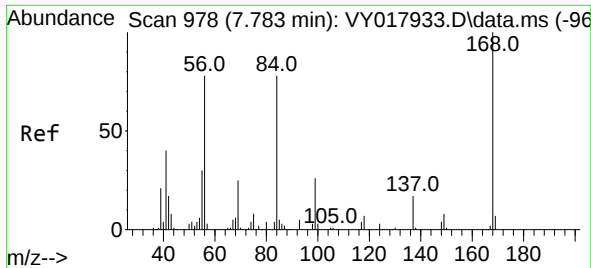
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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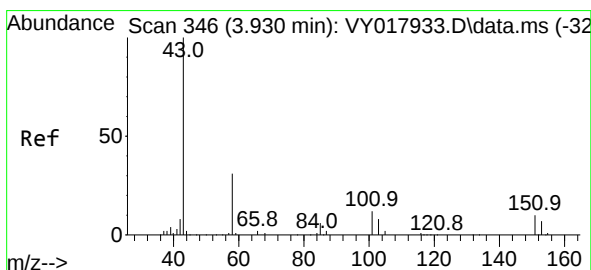
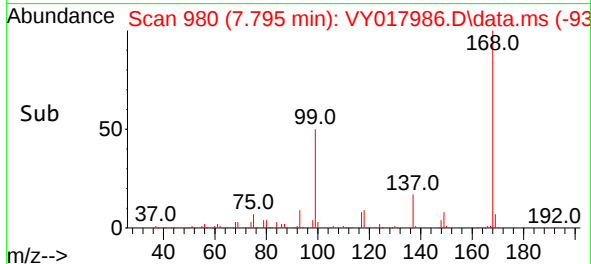
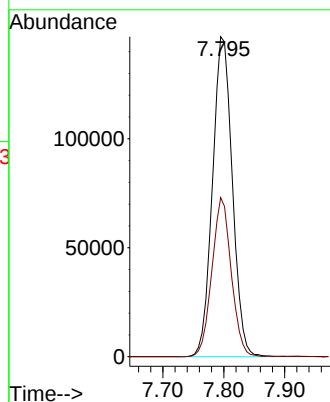
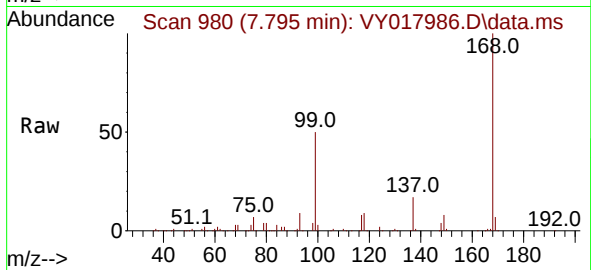




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017986.D
Acq: 18 Apr 2024 19:13

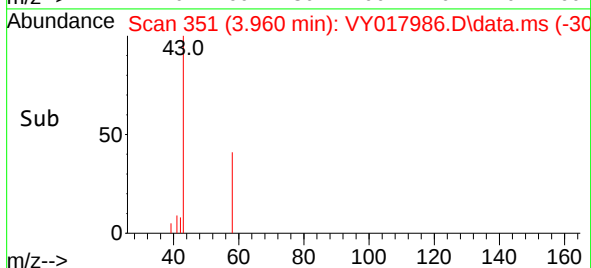
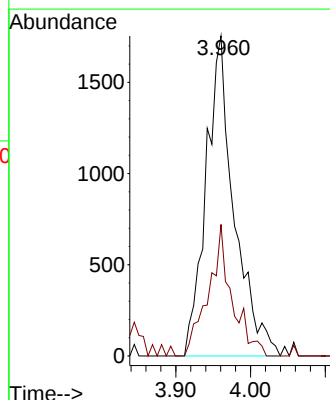
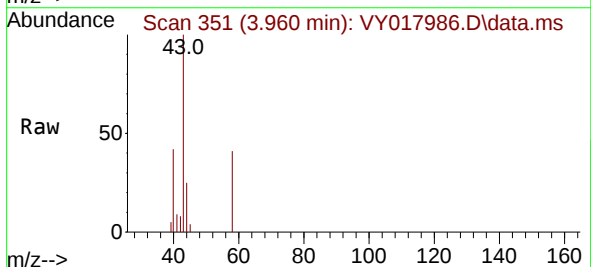
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-20

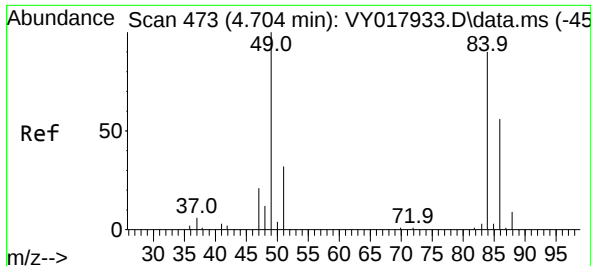
Tgt Ion:168 Resp: 332405
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#16
Acetone
Concen: 8.079 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY017986.D
Acq: 18 Apr 2024 19:13

Tgt Ion: 43 Resp: 4592
Ion Ratio Lower Upper
43 100
58 41.1 31.7 47.5

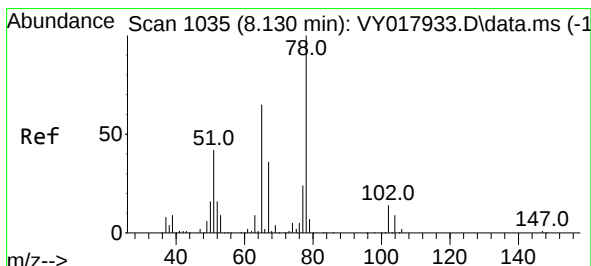
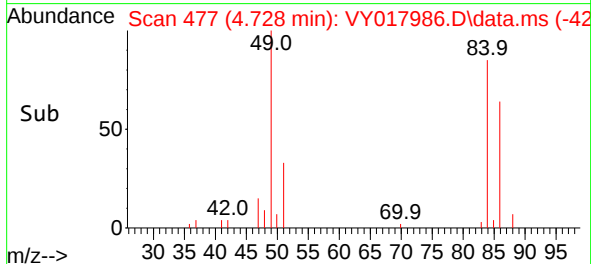
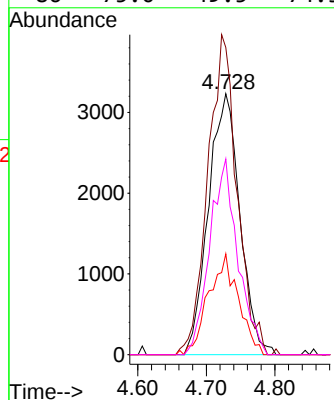
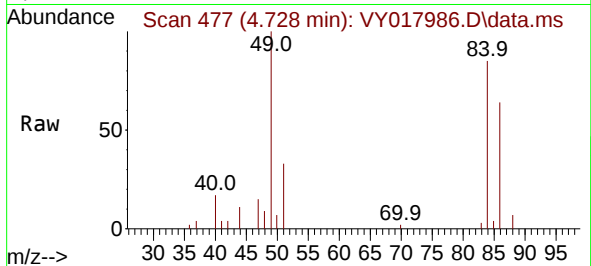




#20
Methylene Chloride
Concen: 2.676 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY017986.D
Acq: 18 Apr 2024 19:13

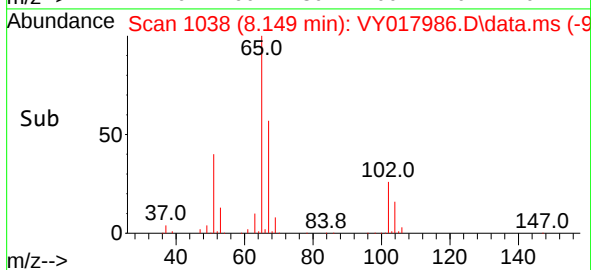
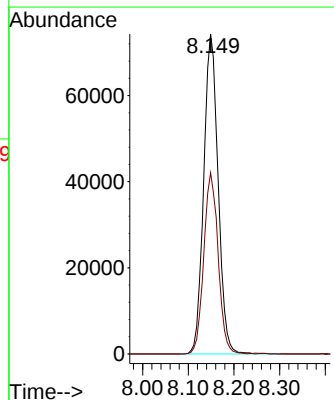
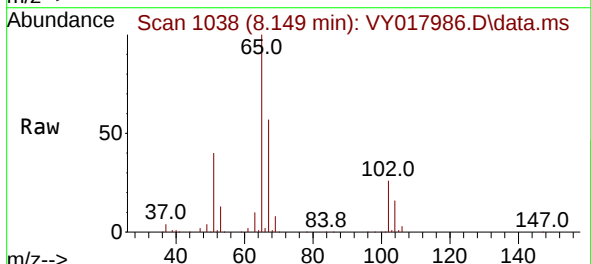
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-20

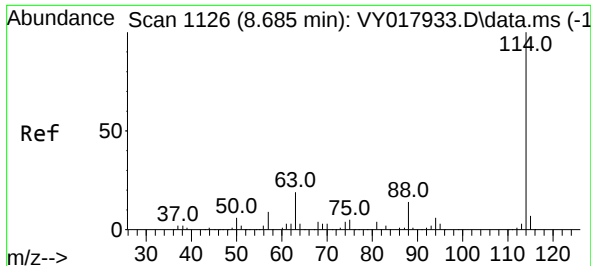
Tgt Ion: 84 Resp: 10303
Ion Ratio Lower Upper
84 100
49 117.7 84.4 126.6
51 38.6 26.0 39.0
86 75.0 49.5 74.3#



#33
1,2-Dichloroethane-d4
Concen: 56.585 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017986.D
Acq: 18 Apr 2024 19:13

Tgt Ion: 65 Resp: 162769
Ion Ratio Lower Upper
65 100
67 56.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017986.D

Acq: 18 Apr 2024 19:13

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-20

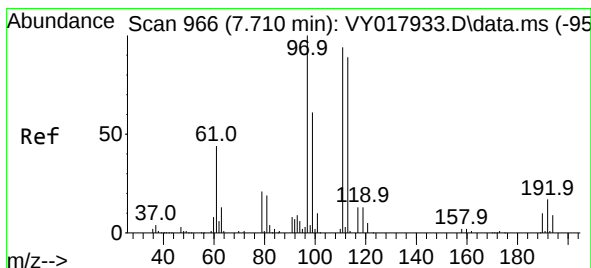
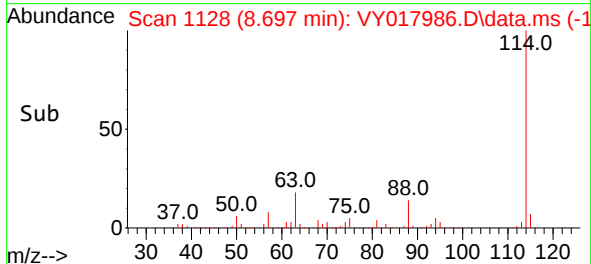
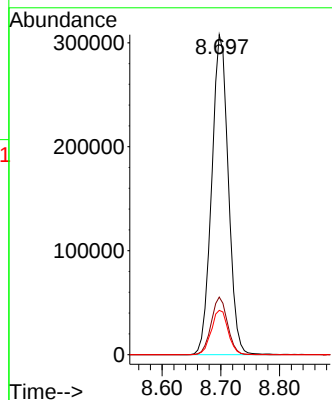
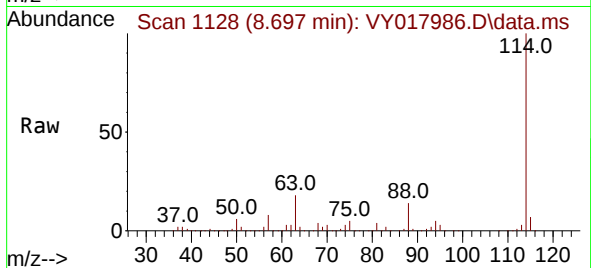
Tgt Ion:114 Resp: 604613

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.807 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY017986.D

Acq: 18 Apr 2024 19:13

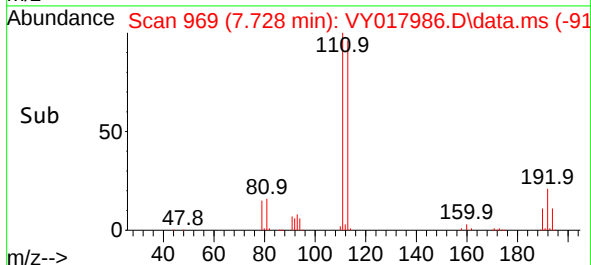
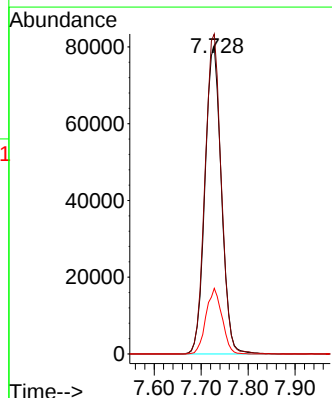
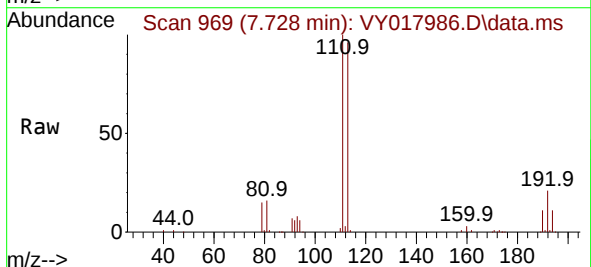
Tgt Ion:113 Resp: 193244

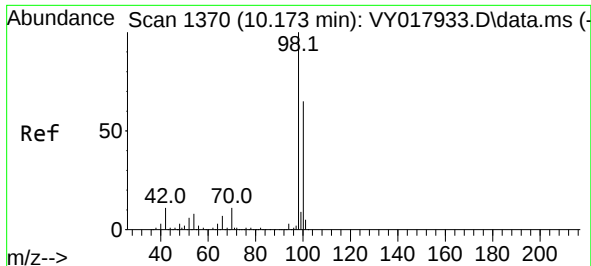
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.9 15.9 23.9

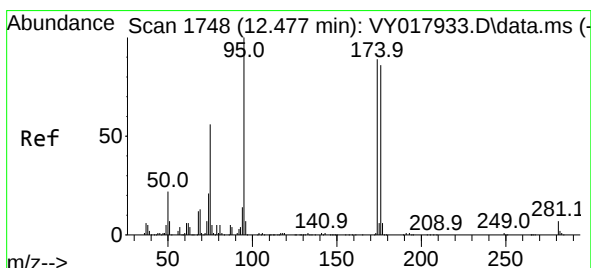
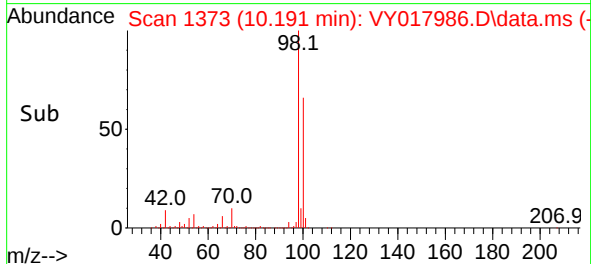
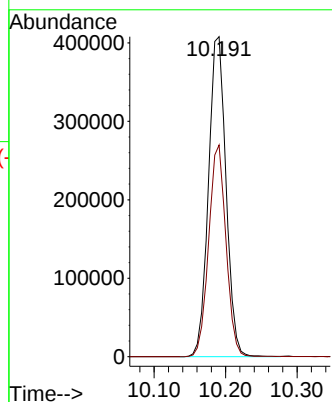
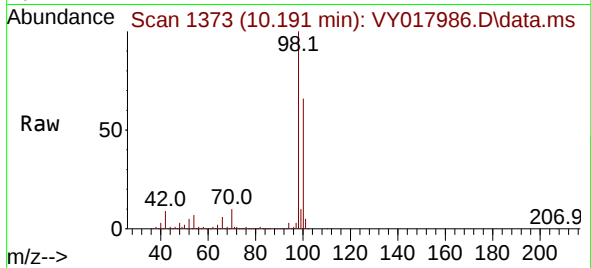




#50
Toluene-d8
Concen: 49.091 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017986.D
Acq: 18 Apr 2024 19:13

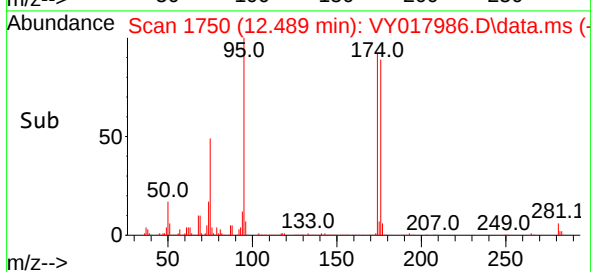
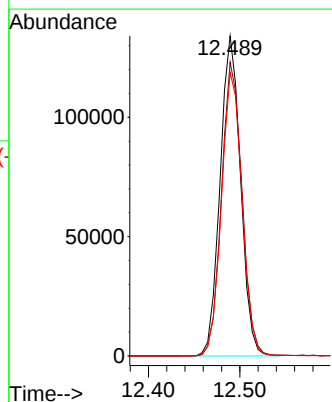
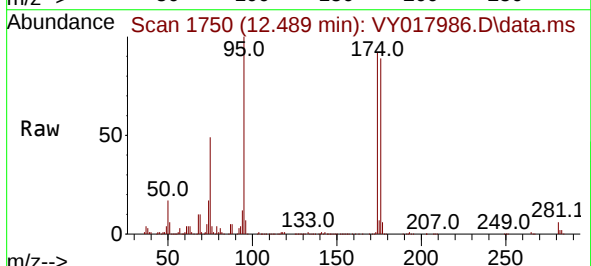
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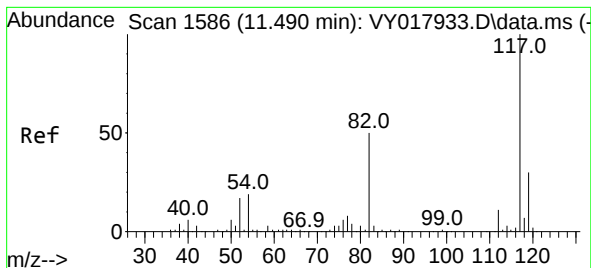
Tgt Ion: 98 Resp: 694825
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.553 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017986.D
Acq: 18 Apr 2024 19:13

Tgt Ion: 95 Resp: 208446
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 89.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017986.D

Acq: 18 Apr 2024 19:13

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-20

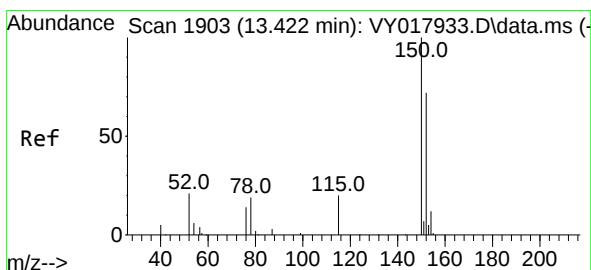
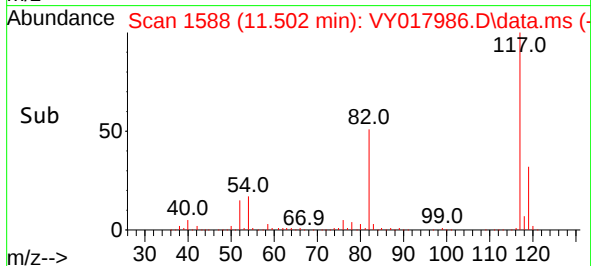
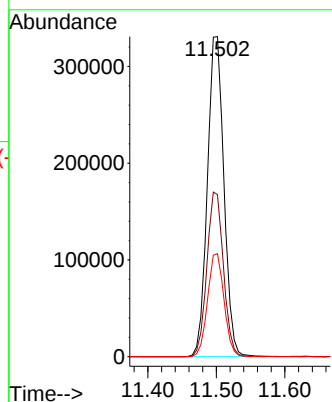
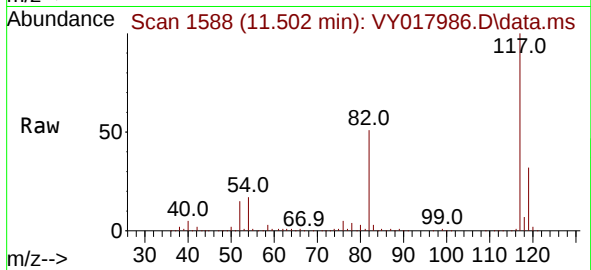
Tgt Ion:117 Resp: 555876

Ion Ratio Lower Upper

117 100

82 50.6 42.4 63.6

119 32.2 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: VY017986.D

Acq: 18 Apr 2024 19:13

Tgt Ion:152 Resp: 230475

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 156.8 0.0 345.6

