

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017987.D
 Acq On : 18 Apr 2024 19:37
 Operator : SY/MD
 Sample : P2177-05
 Misc : 3.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-21

Quant Time: Apr 19 02:05:18 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)

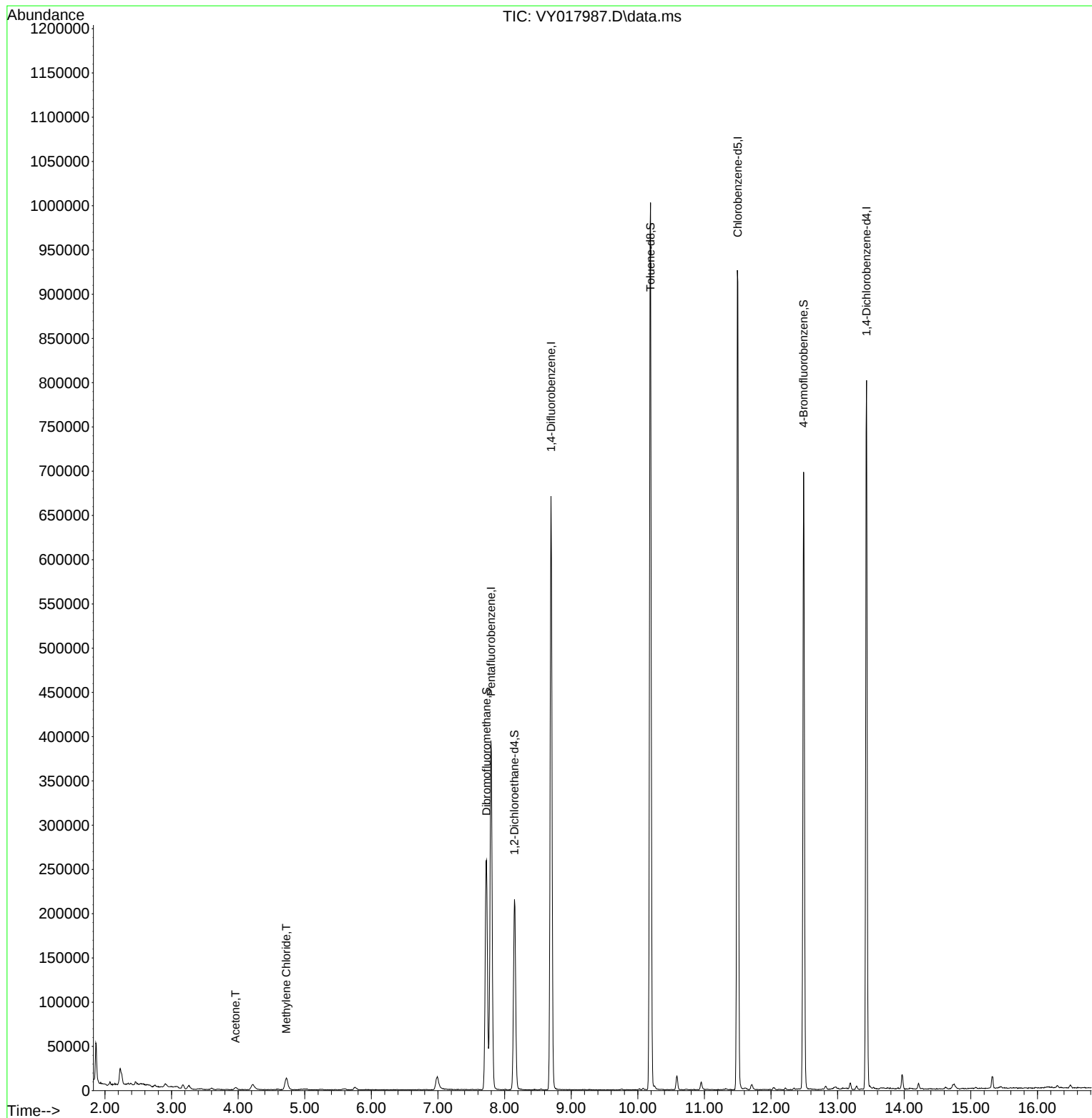
Internal Standards						
1) Pentafluorobenzene	7.795	168	332765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	599012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	552324	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	220865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	166239	57.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.460%
35) Dibromofluoromethane	7.728	113	191706	51.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.191	98	693428	49.450	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.489	95	205598	47.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.680%
Target Compounds						
16) Acetone	3.960	43	4251	7.471	ug/l	88
20) Methylene Chloride	4.722	84	10699	2.776	ug/l	94

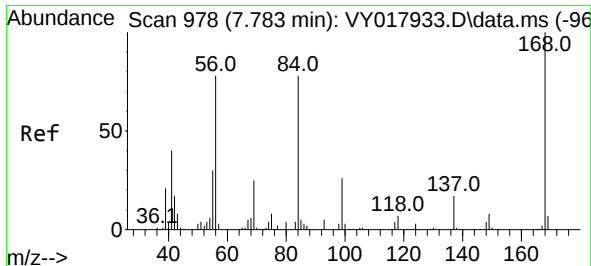
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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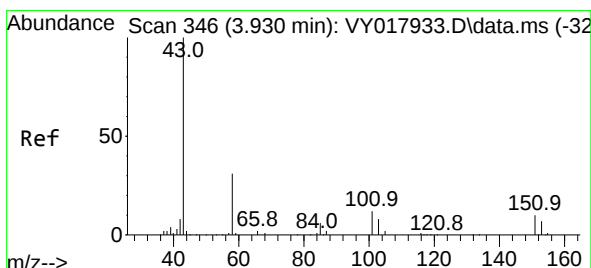
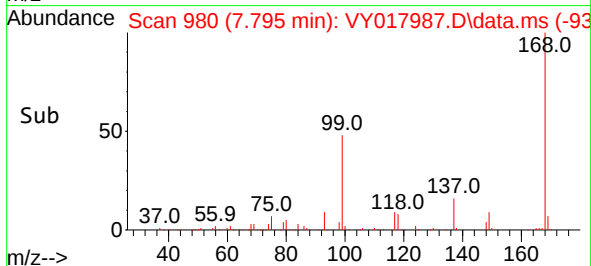
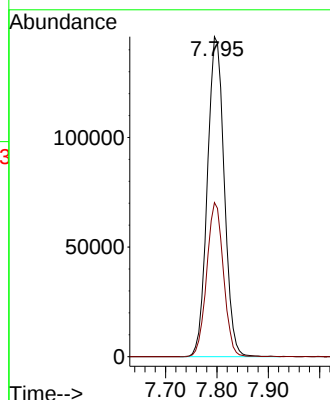
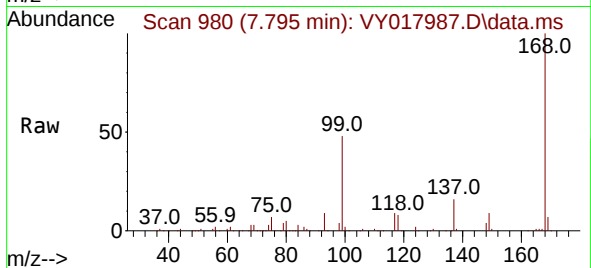




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017987.D
Acq: 18 Apr 2024 19:37

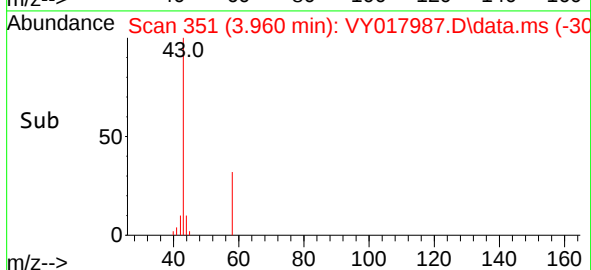
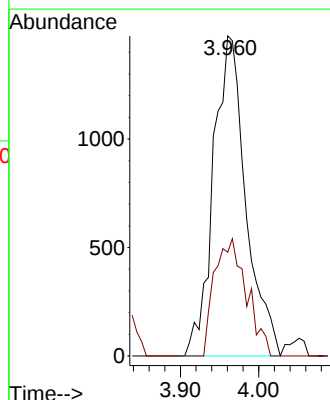
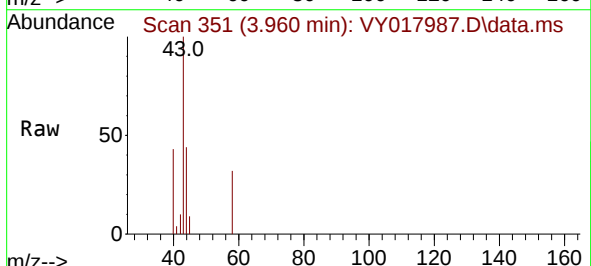
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-21

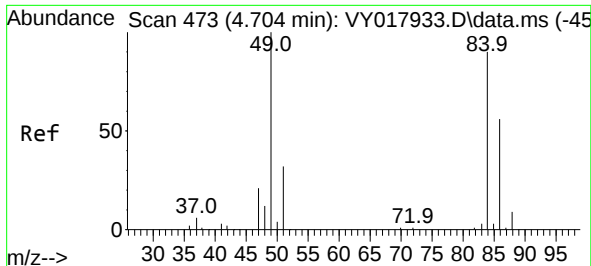
Tgt Ion:168 Resp: 332765
Ion Ratio Lower Upper
168 100
99 48.2 39.1 58.7



#16
Acetone
Concen: 7.471 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY017987.D
Acq: 18 Apr 2024 19:37

Tgt Ion: 43 Resp: 4251
Ion Ratio Lower Upper
43 100
58 32.4 31.7 47.5

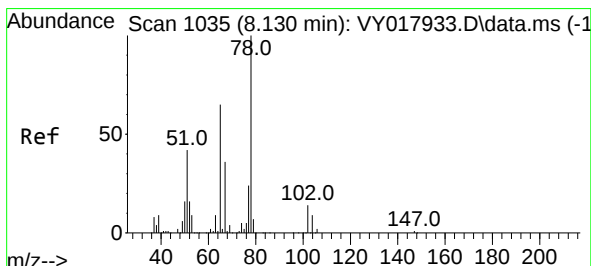
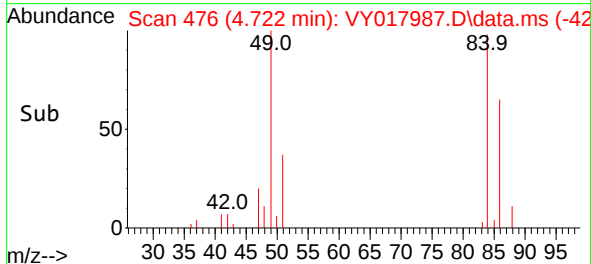
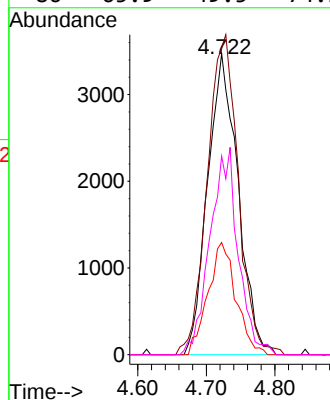
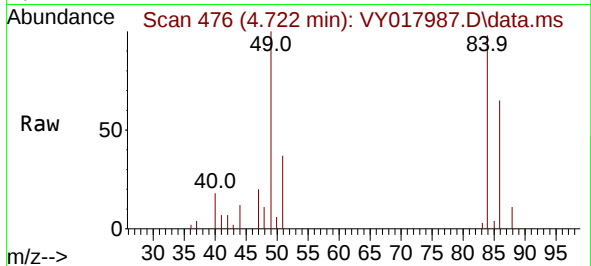




#20
Methylene Chloride
Concen: 2.776 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017987.D
Acq: 18 Apr 2024 19:37

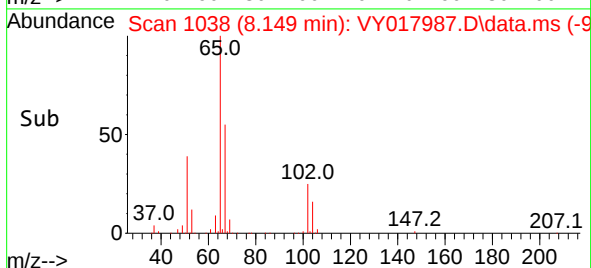
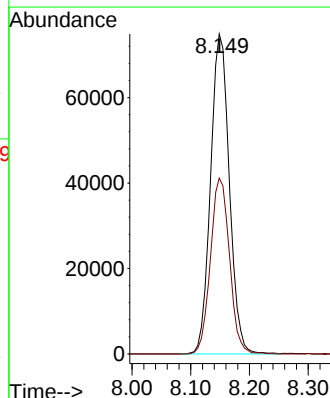
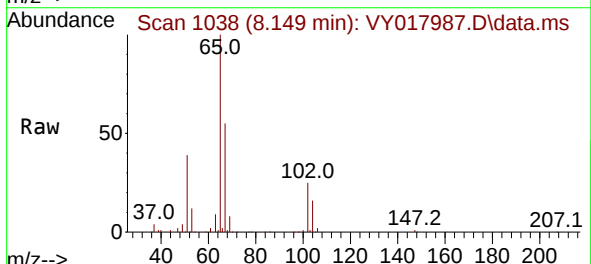
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-21

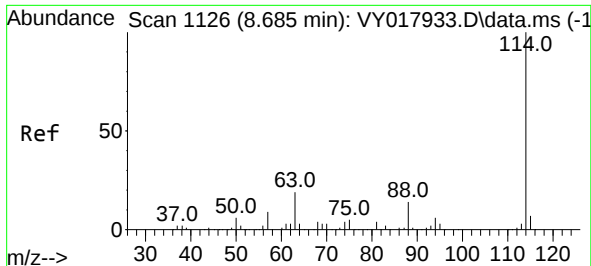
Tgt Ion:	84	Resp:	10699
Ion	Ratio	Lower	Upper
84	100		
49	100.1	84.4	126.6
51	37.2	26.0	39.0
86	65.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 57.729 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017987.D
Acq: 18 Apr 2024 19:37

Tgt Ion:	65	Resp:	166239
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY017987.D

Acq: 18 Apr 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-21

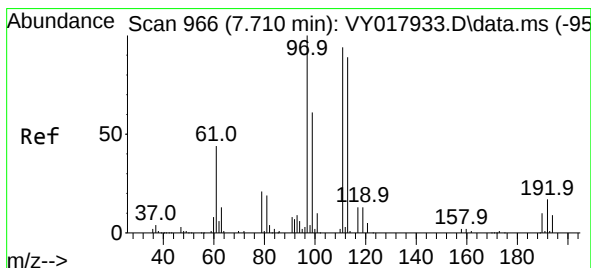
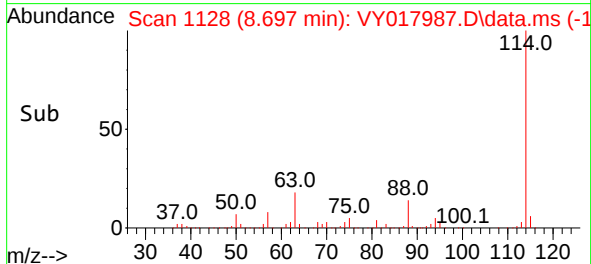
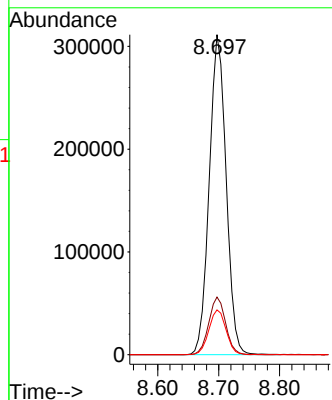
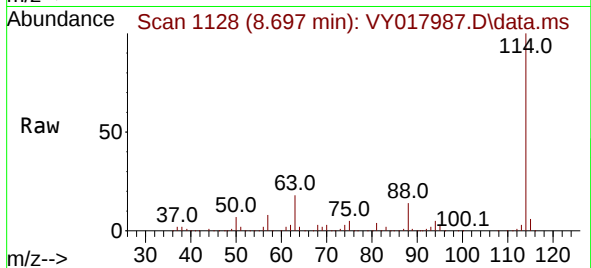
Tgt Ion:114 Resp: 599012

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.875 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY017987.D

Acq: 18 Apr 2024 19:37

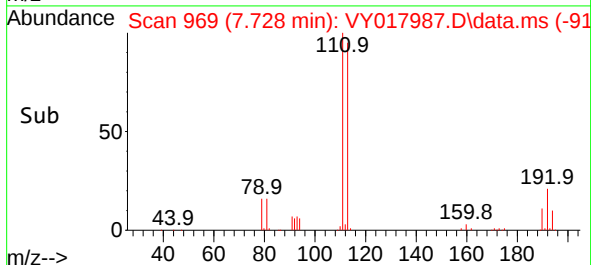
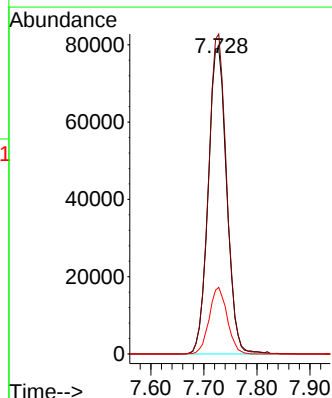
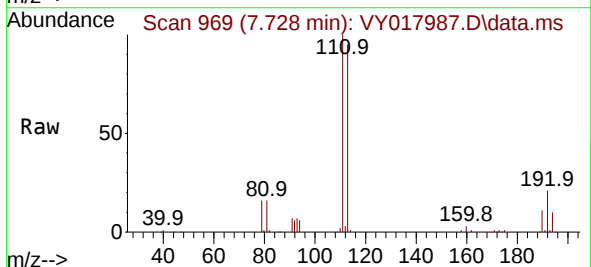
Tgt Ion:113 Resp: 191706

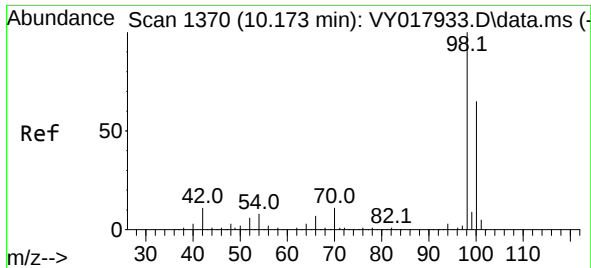
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 21.2 15.9 23.9

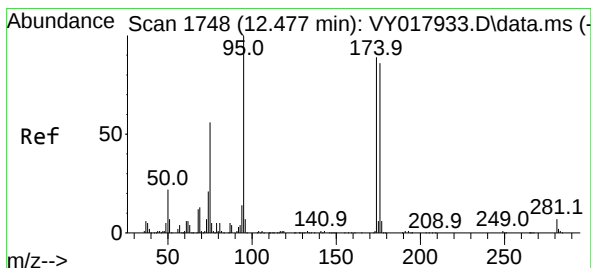
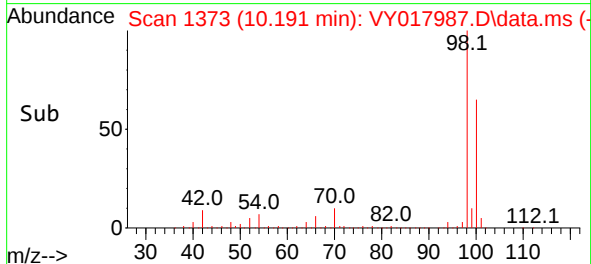
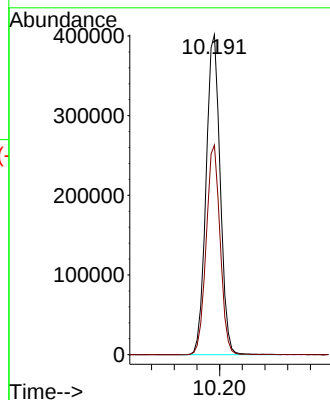
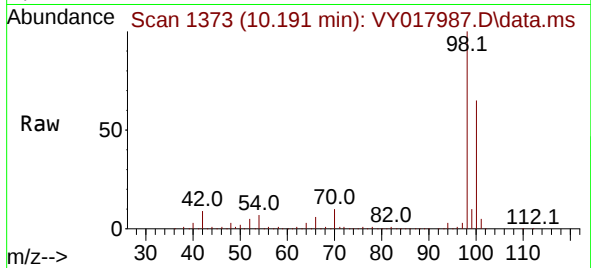




#50
Toluene-d8
Concen: 49.450 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017987.D
Acq: 18 Apr 2024 19:37

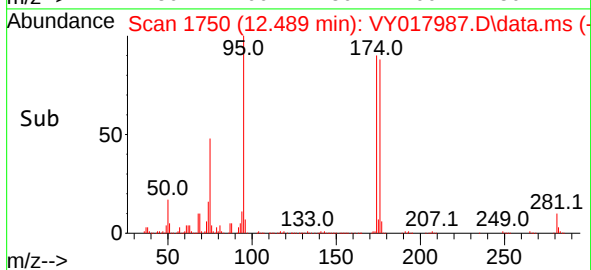
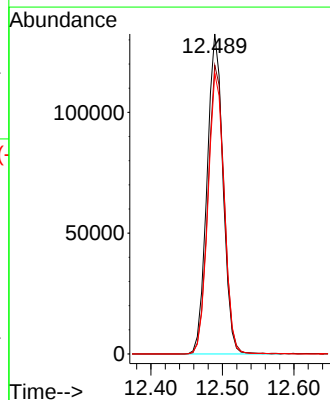
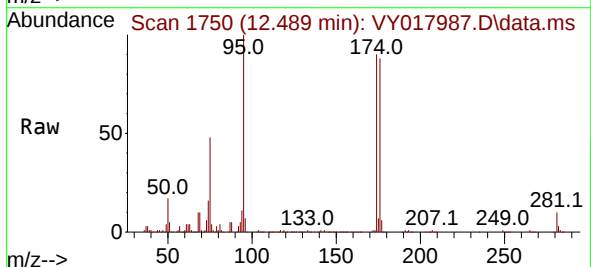
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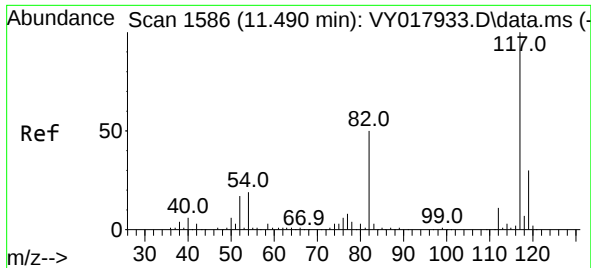
Tgt Ion: 98 Resp: 693428
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017987.D
Acq: 18 Apr 2024 19:37

Tgt Ion: 95 Resp: 205598
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 88.8 0.0 171.4

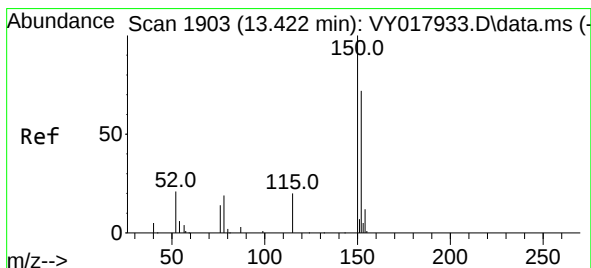
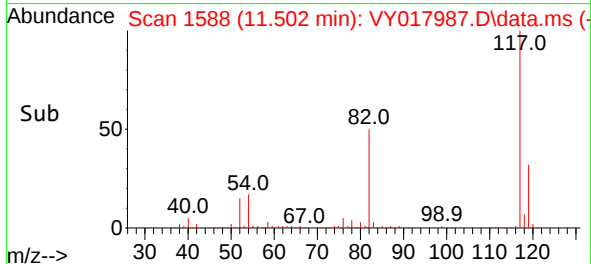
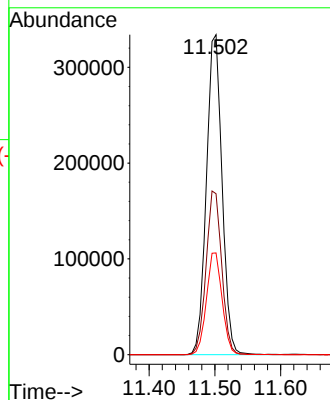
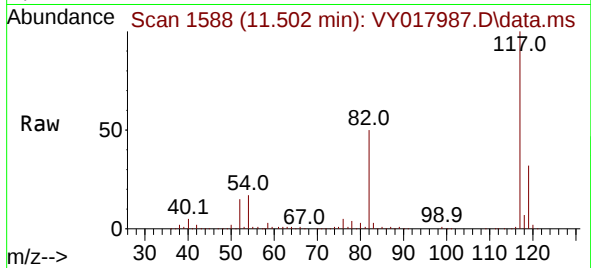




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017987.D
Acq: 18 Apr 2024 19:37

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-21

Tgt Ion:117 Resp: 552324
Ion Ratio Lower Upper
117 100
82 50.3 42.4 63.6
119 31.8 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: VY017987.D
Acq: 18 Apr 2024 19:37

Tgt Ion:152 Resp: 220865
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 156.2 0.0 345.6

