

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017968.D
 Acq On : 18 Apr 2024 12:04
 Operator : SY/MD
 Sample : P2150-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARCOLA-SP-1

Quant Time: Apr 18 12:30:34 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)

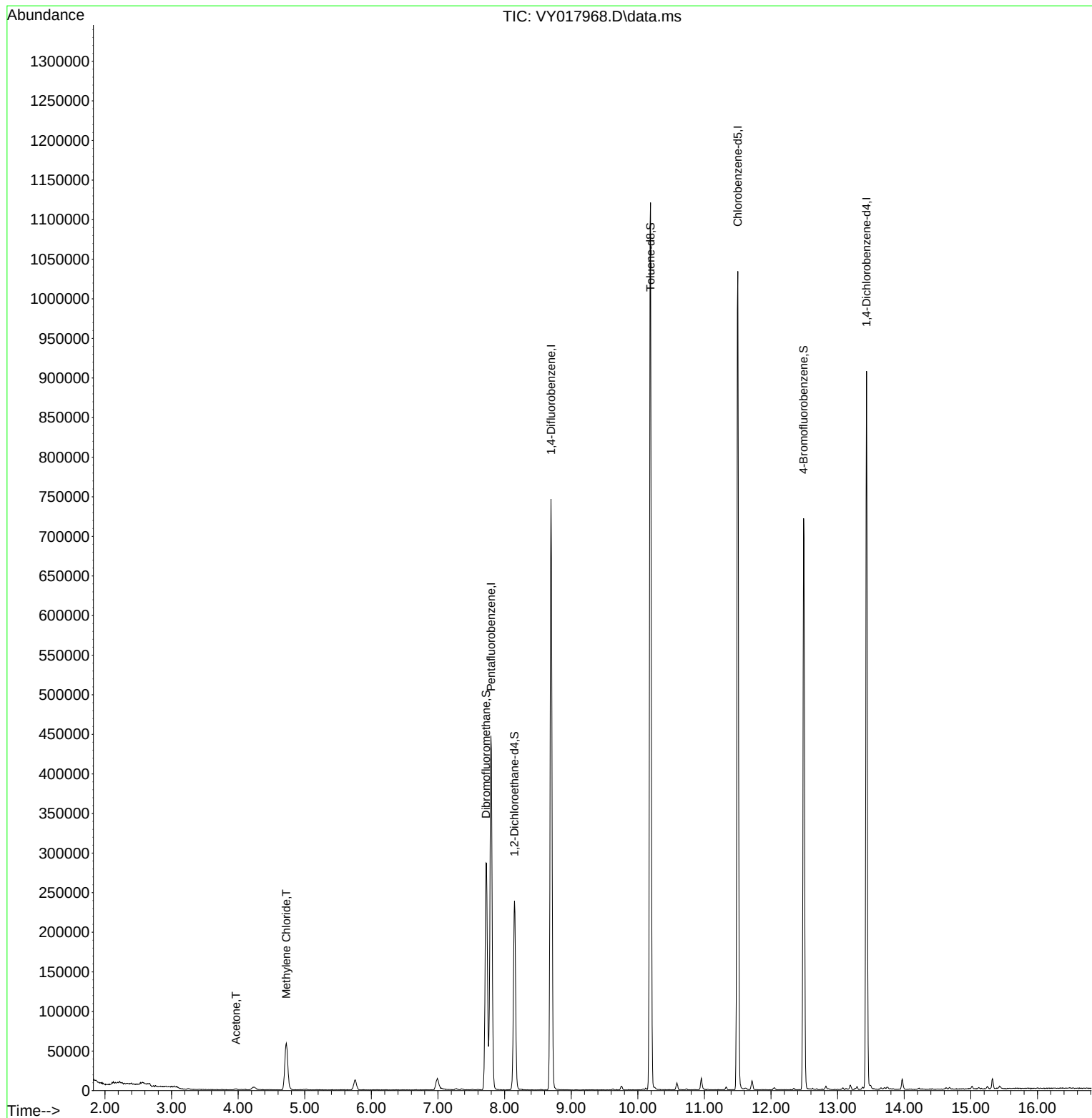
Internal Standards						
1) Pentafluorobenzene	7.795	168	378853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	671053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	607379	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	244757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	181067	55.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.722	113	215985	52.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.340%
50) Toluene-d8	10.191	98	775920	49.393	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.489	95	221951	45.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.240%
Target Compounds						
16) Acetone	3.966	43	2338	3.609	ug/l	99
20) Methylene Chloride	4.722	84	49036	11.173	ug/l	95

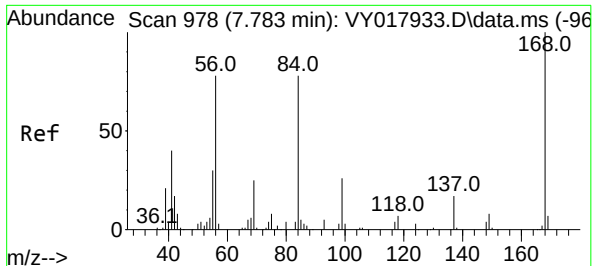
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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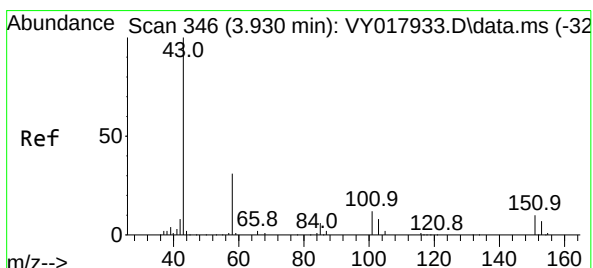
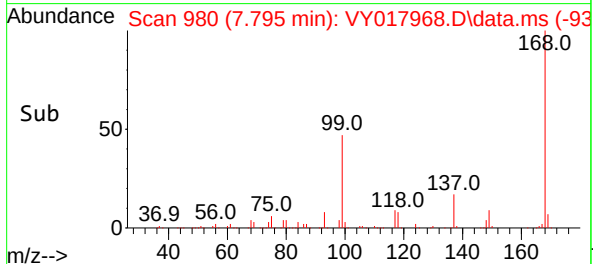
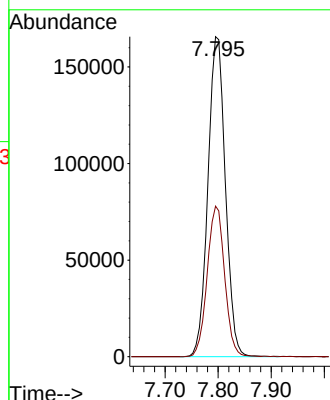
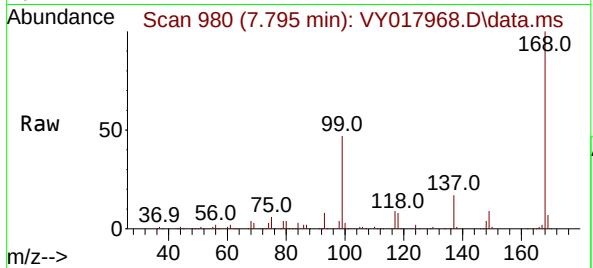




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017968.D
Acq: 18 Apr 2024 12:04

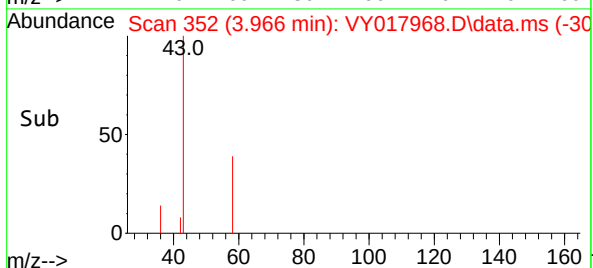
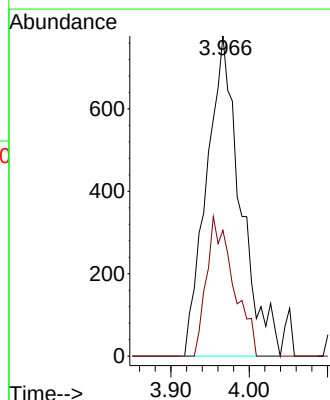
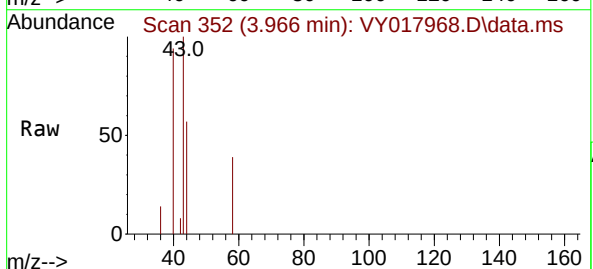
Instrument :
MSVOA_Y
ClientSampleId :
ARCOLA-SP-1

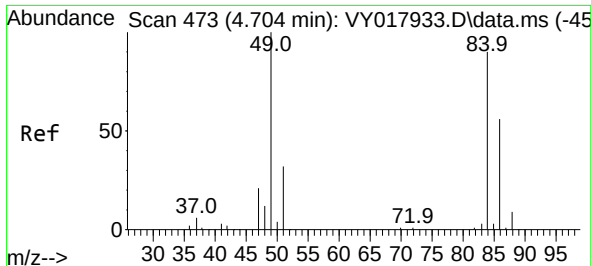
Tgt Ion:168 Resp: 378853
Ion Ratio Lower Upper
168 100
99 47.0 39.1 58.7



#16
Acetone
Concen: 3.609 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY017968.D
Acq: 18 Apr 2024 12:04

Tgt Ion: 43 Resp: 2338
Ion Ratio Lower Upper
43 100
58 39.3 31.7 47.5

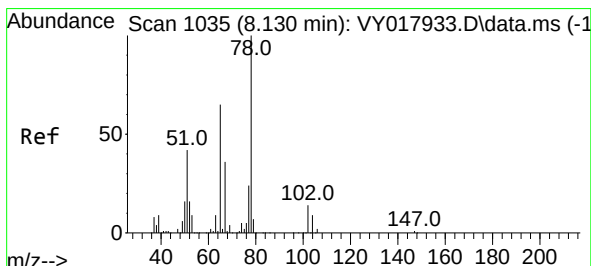
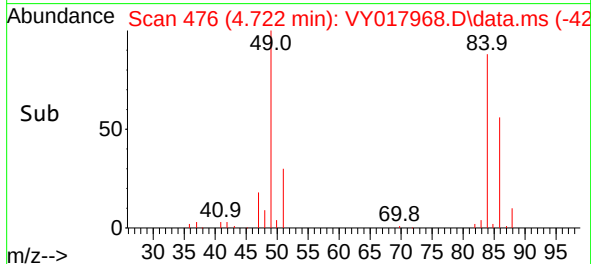
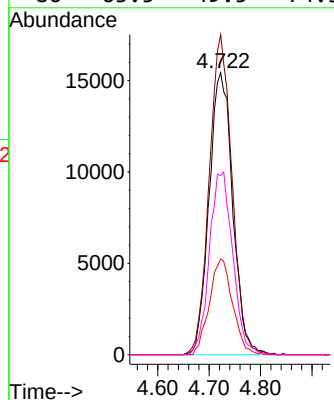
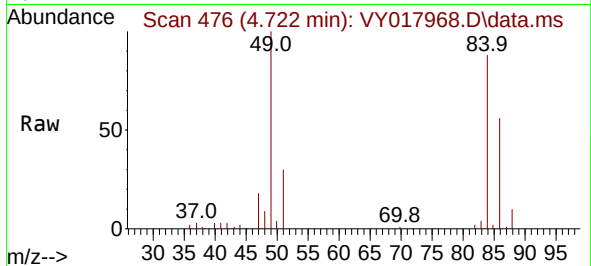




#20
Methylene Chloride
Concen: 11.173 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017968.D
Acq: 18 Apr 2024 12:04

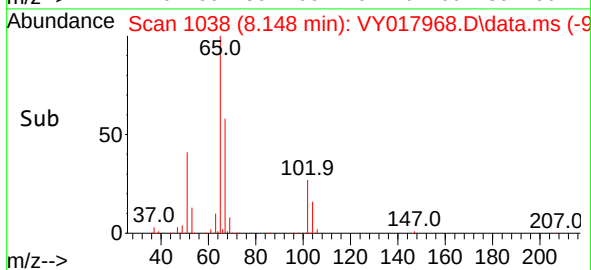
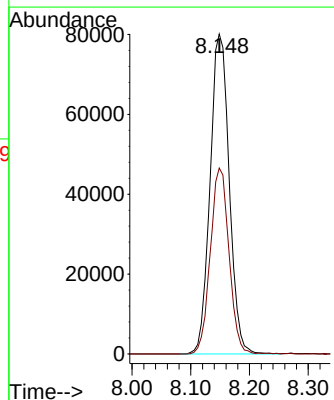
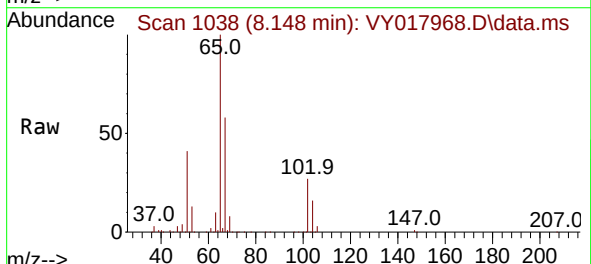
Instrument :
MSVOA_Y
ClientSampleId :
ARCOLA-SP-1

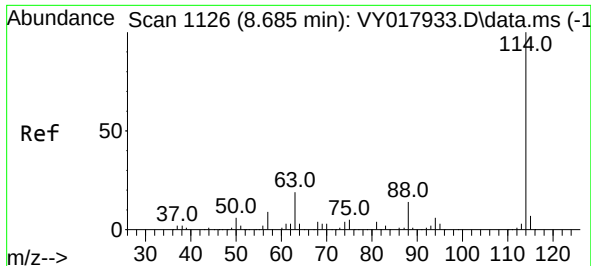
Tgt Ion:	84	Resp:	49036
Ion	Ratio	Lower	Upper
84	100		
49	113.5	84.4	126.6
51	33.9	26.0	39.0
86	63.5	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 55.229 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017968.D
Acq: 18 Apr 2024 12:04

Tgt Ion:	65	Resp:	181067
Ion	Ratio	Lower	Upper
65	100		
67	56.8	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: VY017968.D

Acq: 18 Apr 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

ARCOLA-SP-1

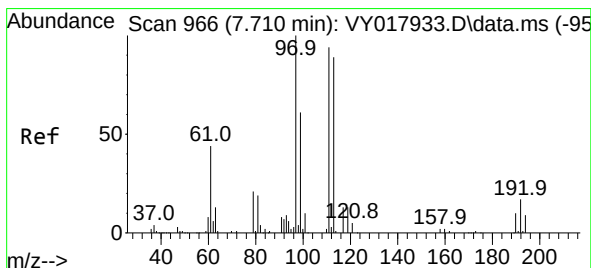
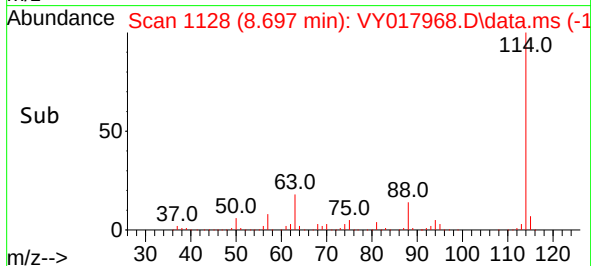
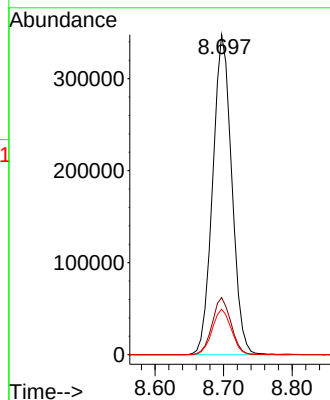
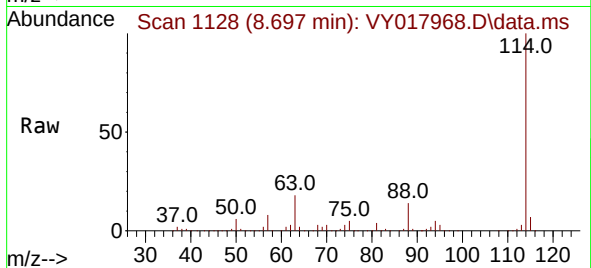
Tgt Ion:114 Resp: 671053

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.170 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY017968.D

Acq: 18 Apr 2024 12:04

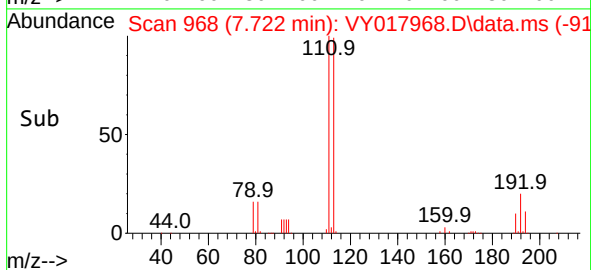
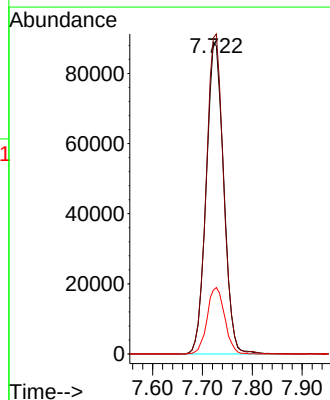
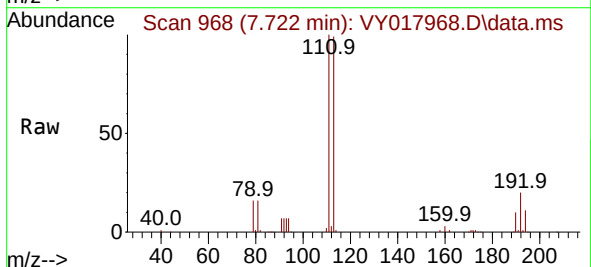
Tgt Ion:113 Resp: 215985

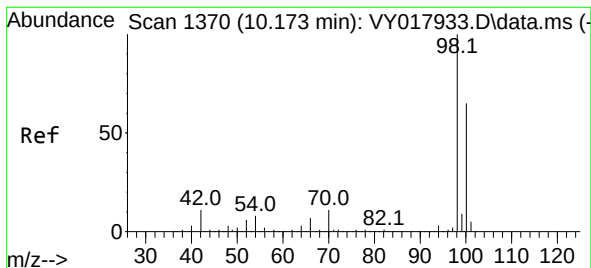
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 21.4 15.9 23.9

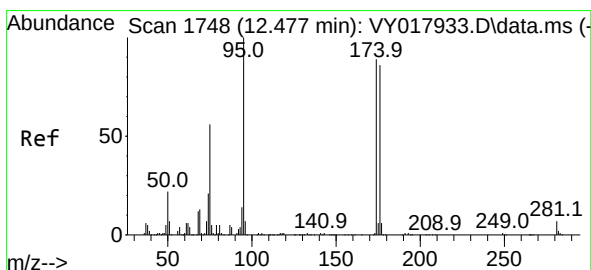
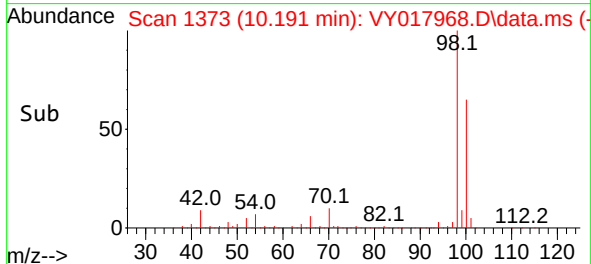
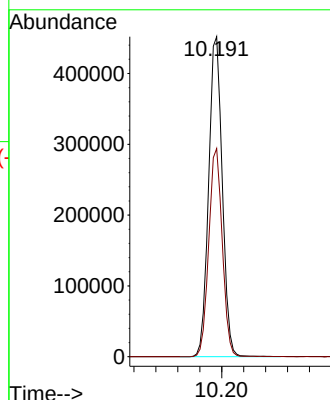
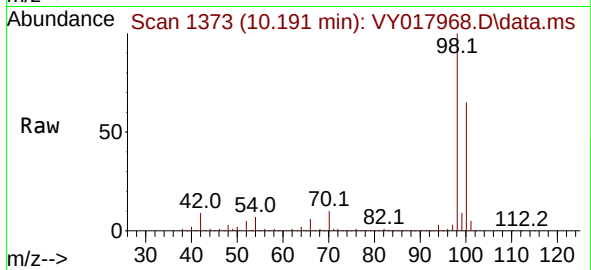




#50
Toluene-d8
Concen: 49.393 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017968.D
Acq: 18 Apr 2024 12:04

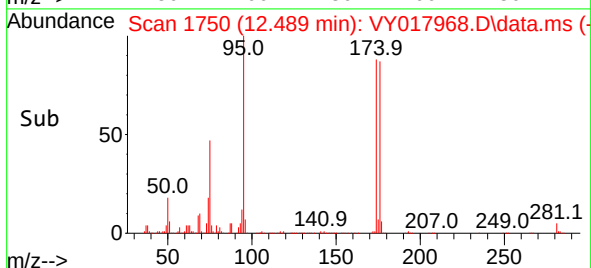
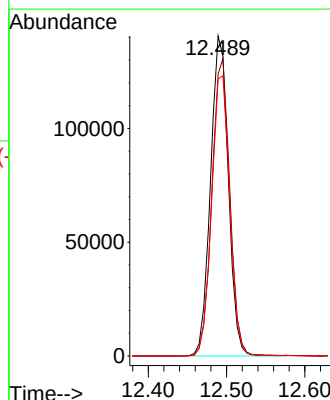
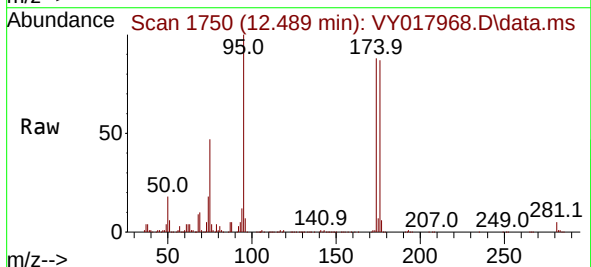
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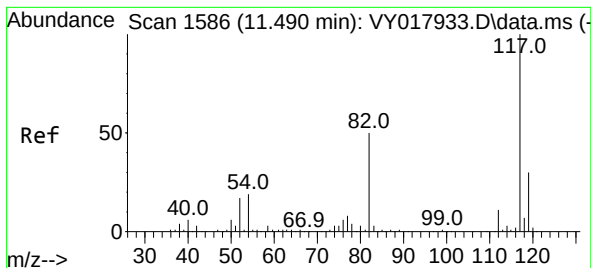
Tgt Ion: 98 Resp: 775920
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.620 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017968.D
Acq: 18 Apr 2024 12:04

Tgt Ion: 95 Resp: 221951
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 89.9 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: VY017968.D

Acq: 18 Apr 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

ARCOLA-SP-1

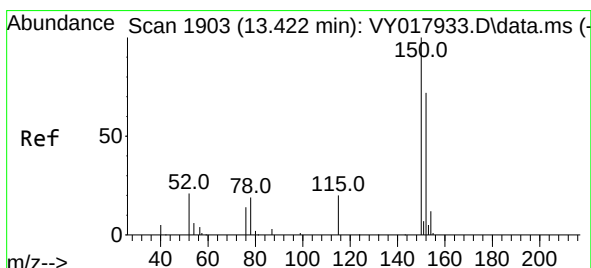
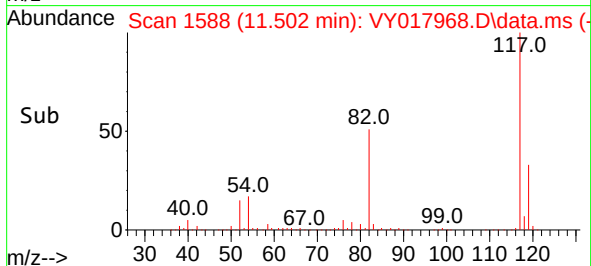
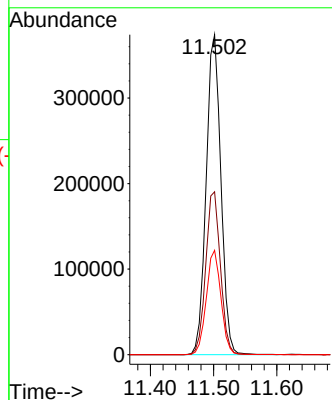
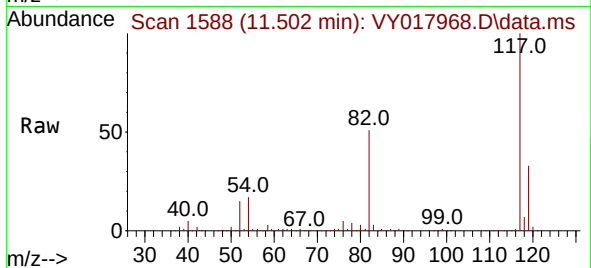
Tgt Ion:117 Resp: 607379

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 32.6 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: VY017968.D

Acq: 18 Apr 2024 12:04

Tgt Ion:152 Resp: 244757

Ion Ratio Lower Upper

152 100

115 53.3 28.2 84.7

150 155.8 0.0 345.6

