

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017969.D
 Acq On : 18 Apr 2024 12:28
 Operator : SY/MD
 Sample : P2148-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11935

Quant Time: Apr 19 01:59:58 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)

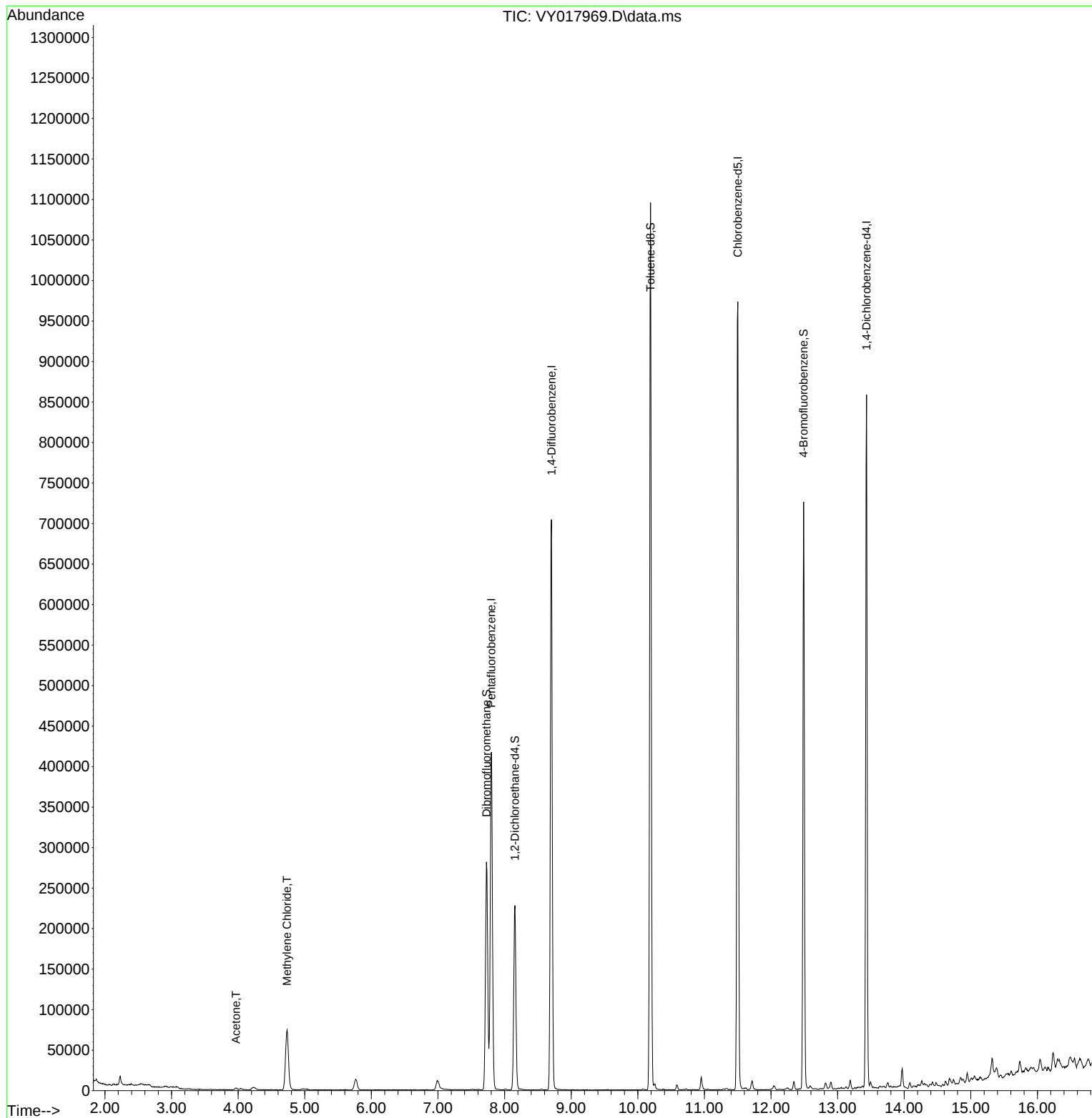
Internal Standards						
1) Pentafluorobenzene	7.801	168	357864	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	637305	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	587683	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	237124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	172788	55.795	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.580%
35) Dibromofluoromethane	7.728	113	203456	51.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.191	98	733543	49.168	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.489	95	214913	46.513	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.020%
Target Compounds						
						Qvalue
16) Acetone	3.966	43	3771	6.163	ug/l	89
20) Methylene Chloride	4.735	84	61854	14.921	ug/l	97

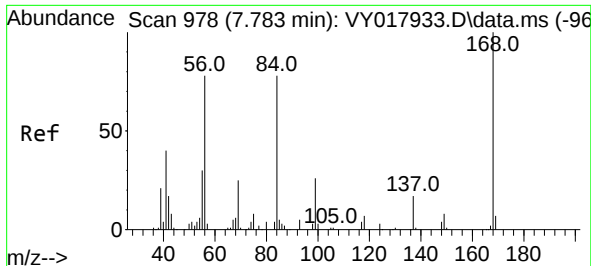
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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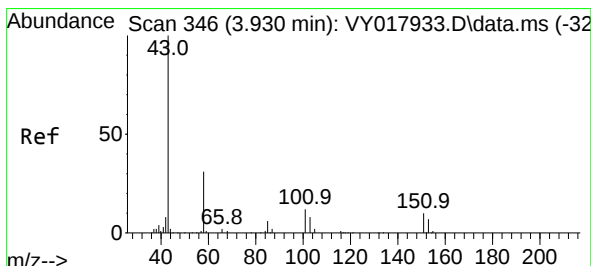
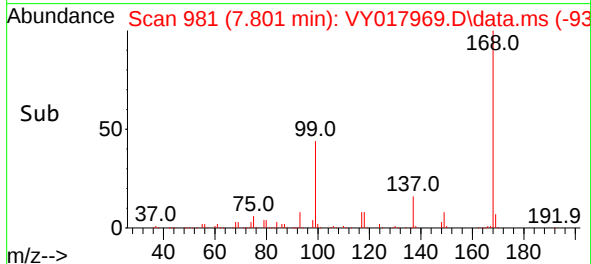
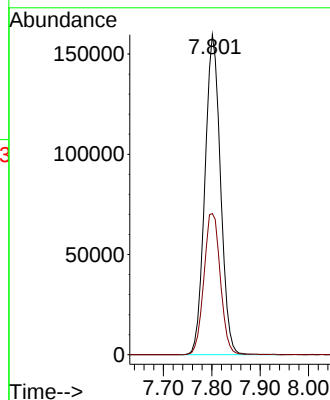
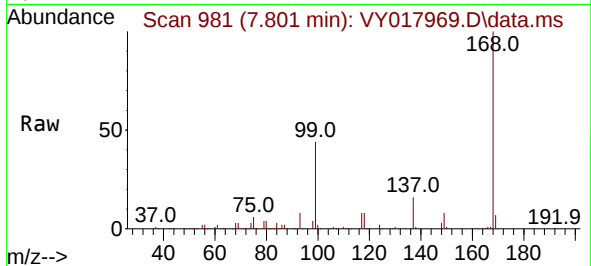




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017969.D
Acq: 18 Apr 2024 12:28

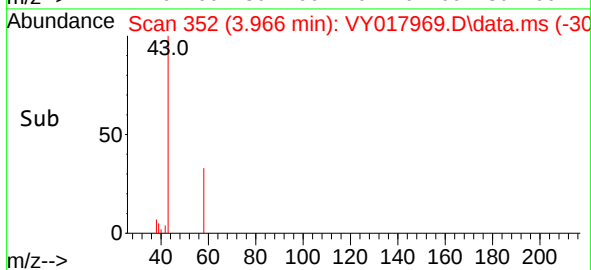
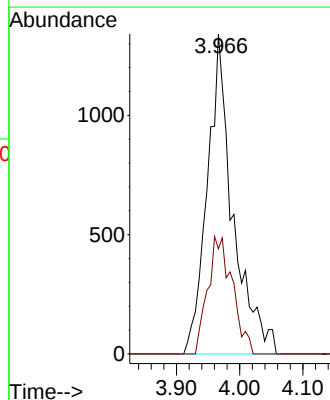
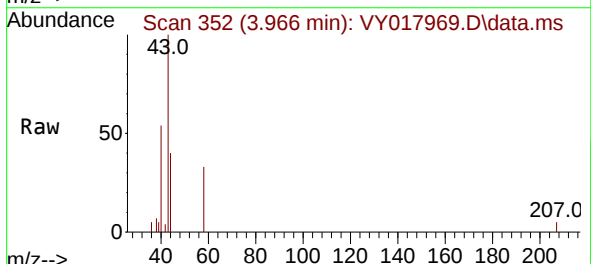
Instrument :
MSVOA_Y
ClientSampleId :
72-11935

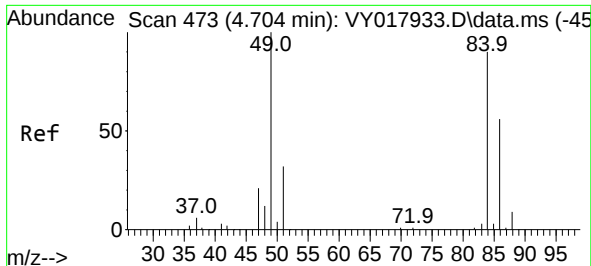
Tgt Ion:168 Resp: 357864
Ion Ratio Lower Upper
168 100
99 44.1 39.1 58.7



#16
Acetone
Concen: 6.163 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.018 min
Lab File: VY017969.D
Acq: 18 Apr 2024 12:28

Tgt Ion: 43 Resp: 3771
Ion Ratio Lower Upper
43 100
58 32.9 31.7 47.5





#20

Methylene Chloride

Concen: 14.921 ug/l

RT: 4.735 min Scan# 41

Delta R.T. 0.018 min

Lab File: VY017969.D

Acq: 18 Apr 2024 12:28

Instrument :

MSVOA_Y

ClientSampleId :

72-11935

Tgt Ion: 84 Resp: 61854

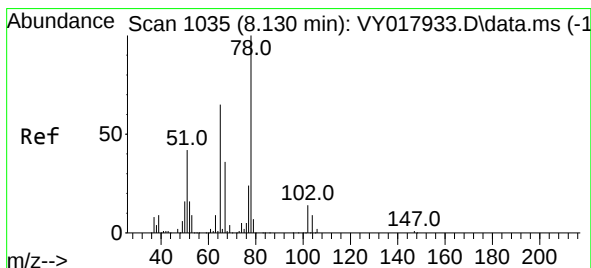
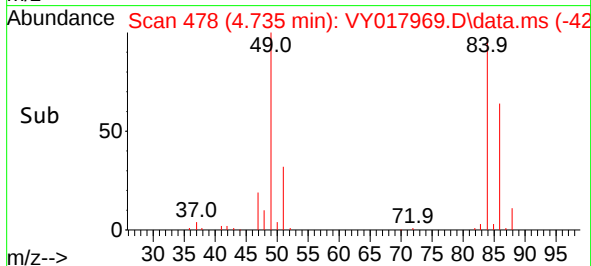
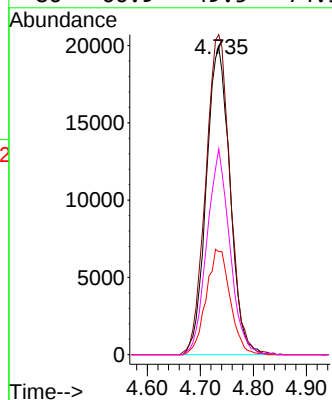
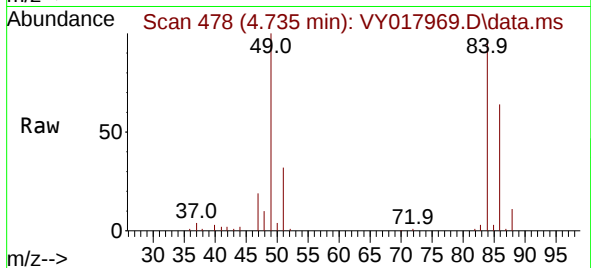
Ion Ratio Lower Upper

84 100

49 104.0 84.4 126.6

51 33.5 26.0 39.0

86 66.9 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 55.795 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017969.D

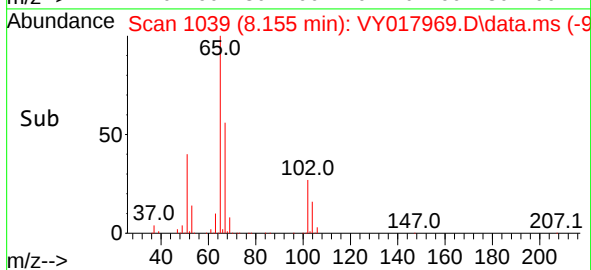
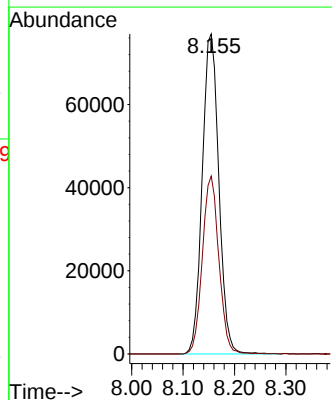
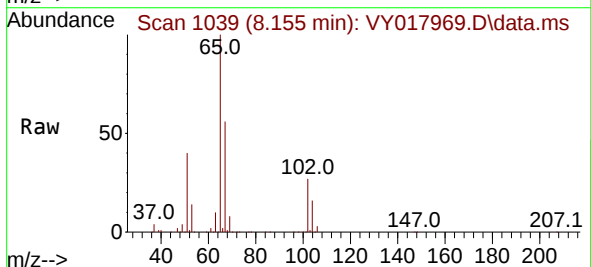
Acq: 18 Apr 2024 12:28

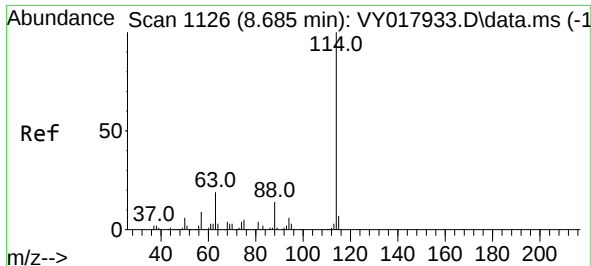
Tgt Ion: 65 Resp: 172788

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY017969.D

Acq: 18 Apr 2024 12:28

Instrument :

MSVOA_Y

ClientSampleId :

72-11935

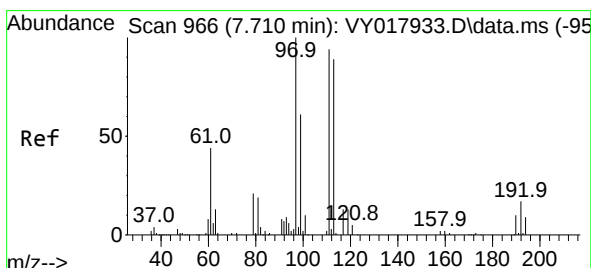
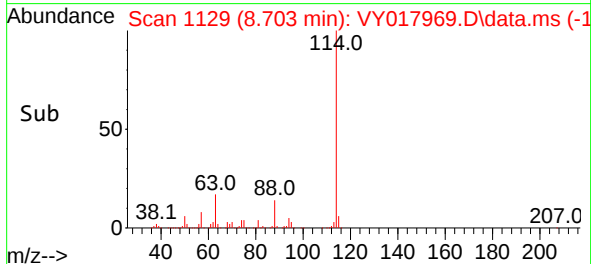
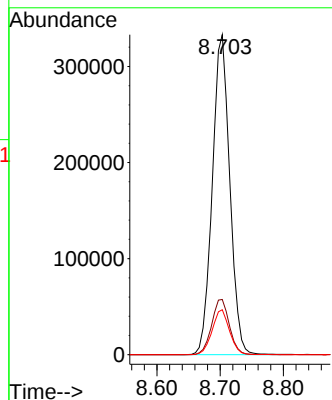
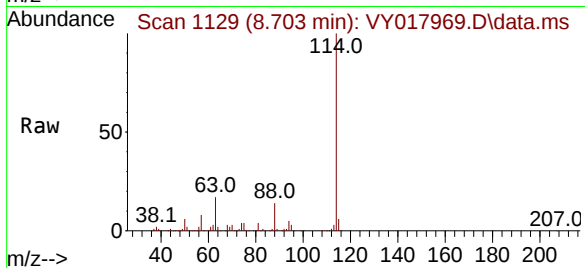
Tgt Ion:114 Resp: 637305

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.746 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY017969.D

Acq: 18 Apr 2024 12:28

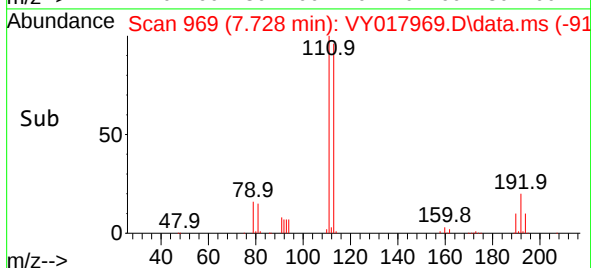
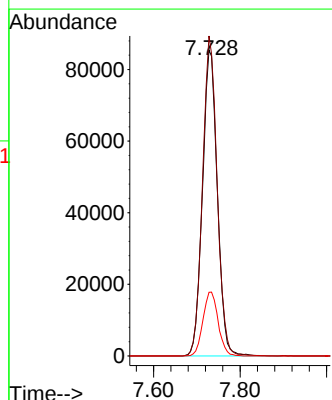
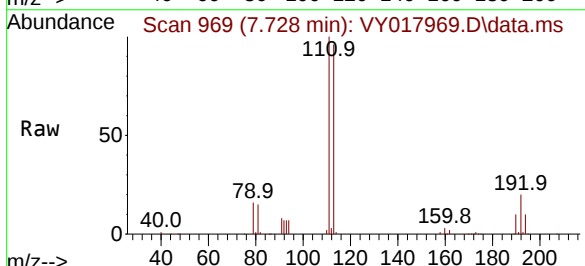
Tgt Ion:113 Resp: 203456

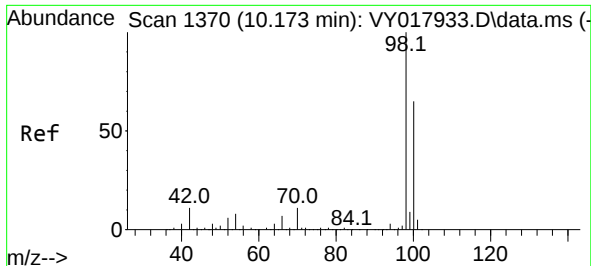
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 21.4 15.9 23.9

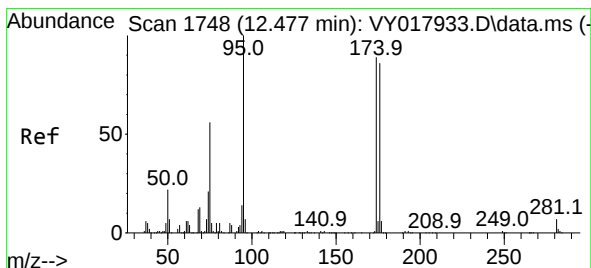
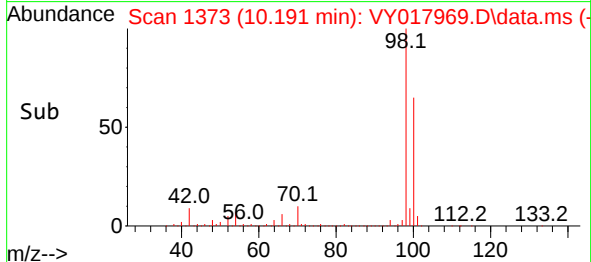
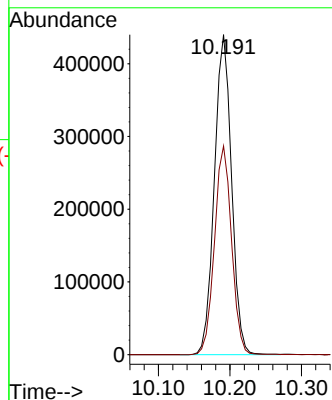
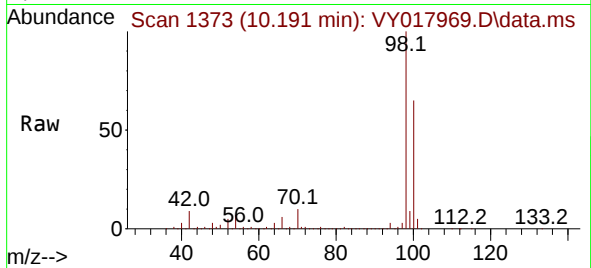




#50
Toluene-d8
Concen: 49.168 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017969.D
Acq: 18 Apr 2024 12:28

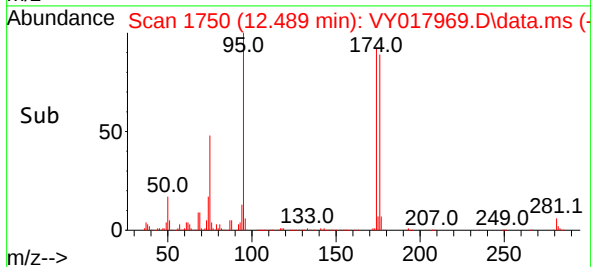
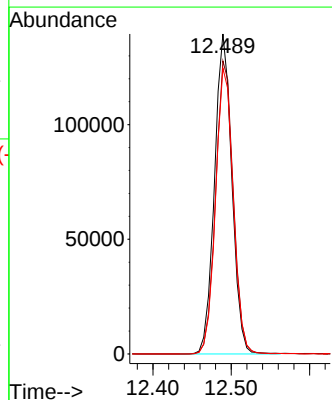
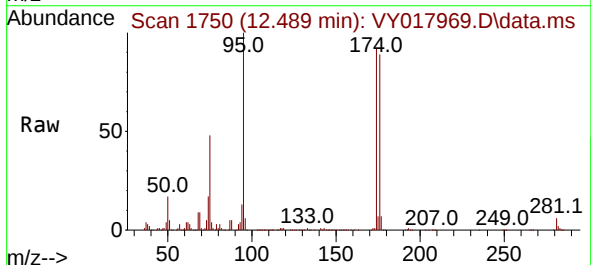
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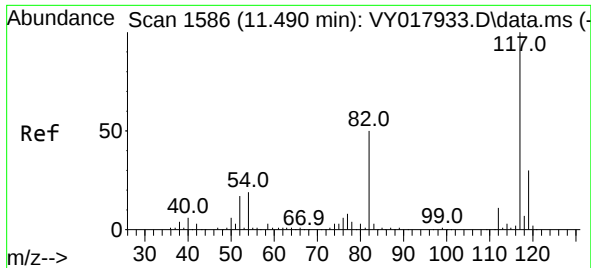
Tgt Ion: 98 Resp: 733543
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.513 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017969.D
Acq: 18 Apr 2024 12:28

Tgt Ion: 95 Resp: 214913
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 90.9 0.0 171.4

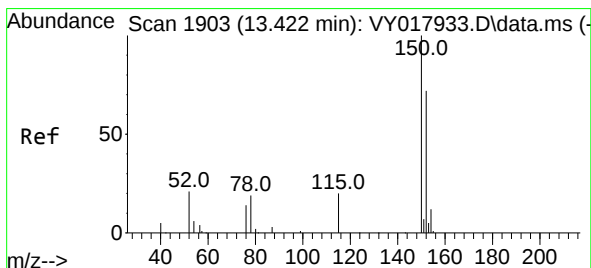
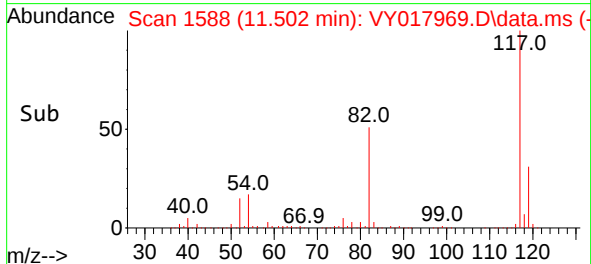
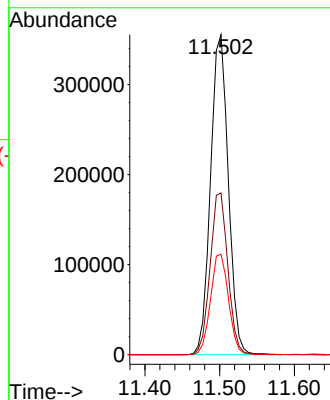
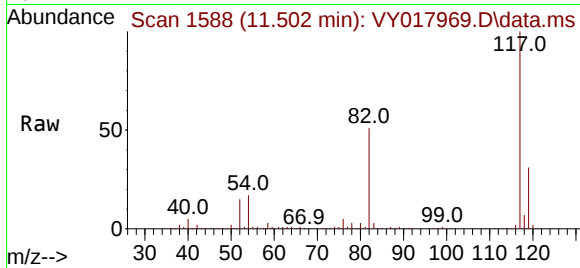




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017969.D
Acq: 18 Apr 2024 12:28

Instrument :
MSVOA_Y
ClientSampleId :
72-11935

Tgt Ion:117 Resp: 587683
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.4 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: VY017969.D
Acq: 18 Apr 2024 12:28

Tgt Ion:152 Resp: 237124
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 154.0 0.0 345.6

