

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017980.D
 Acq On : 18 Apr 2024 16:50
 Operator : SY/MD
 Sample : P2125-01
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-101-SB01

Quant Time: Apr 19 02:03:07 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)

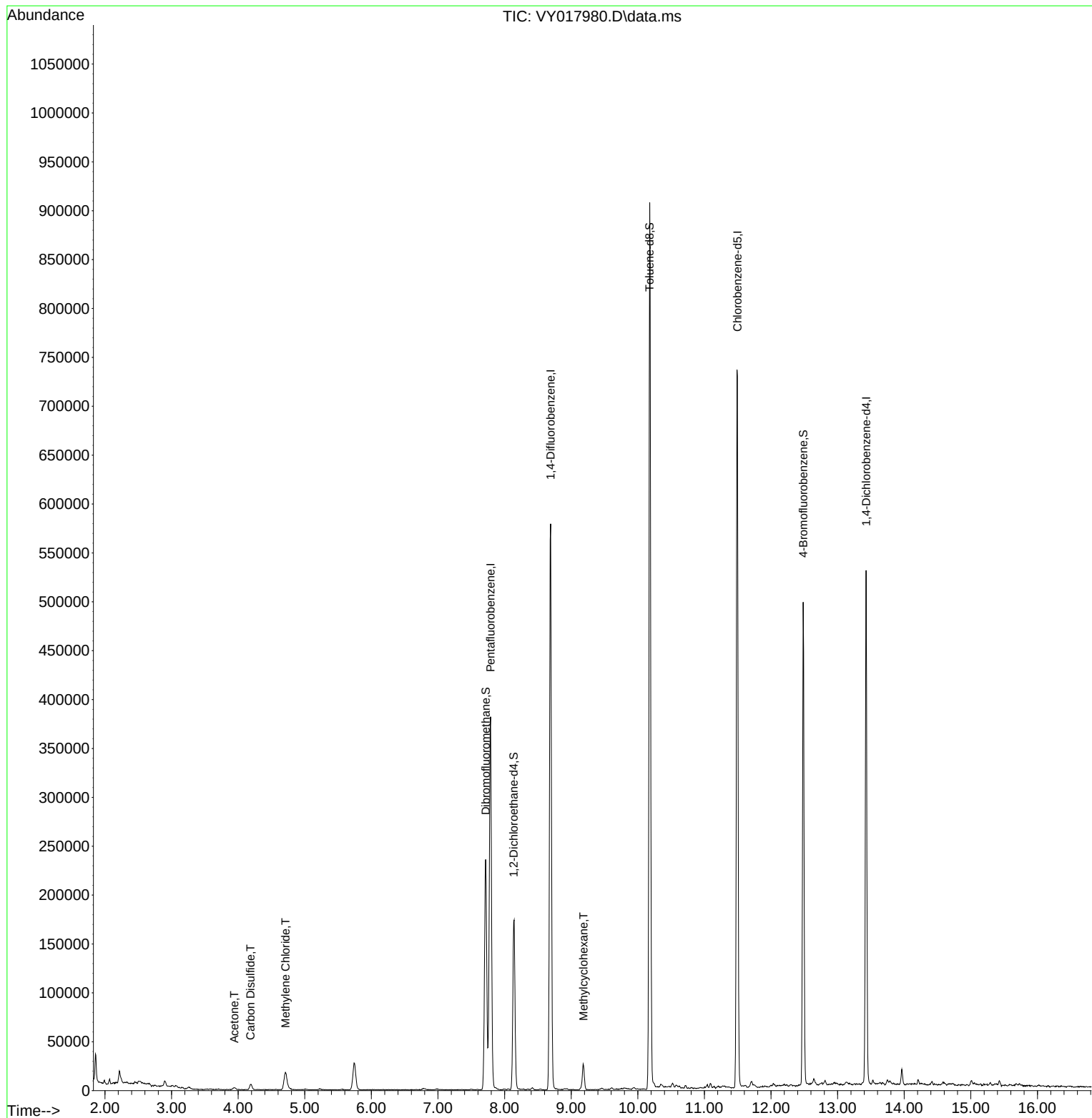
Internal Standards						
1) Pentafluorobenzene	7.789	168	318080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	536034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	448428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132369	48.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.716	113	168556	50.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.940%
50) Toluene-d8	10.179	98	615587	49.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.483	95	147036	37.835	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.660%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2837	5.216	ug/l #	85
17) Carbon Disulfide	4.186	76	11183	1.095	ug/l #	95
20) Methylene Chloride	4.710	84	14339	3.892	ug/l	95
39) Methylcyclohexane	9.185	83	11336	1.809	ug/l	86

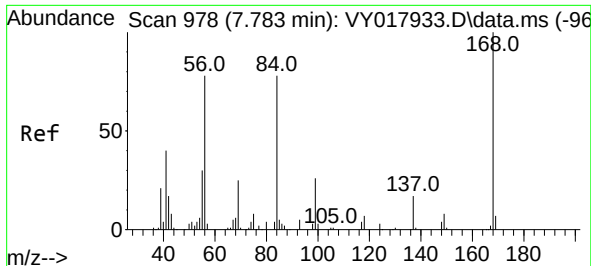
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 19 02:03:07 2024
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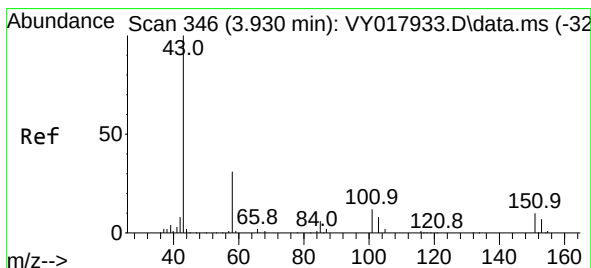
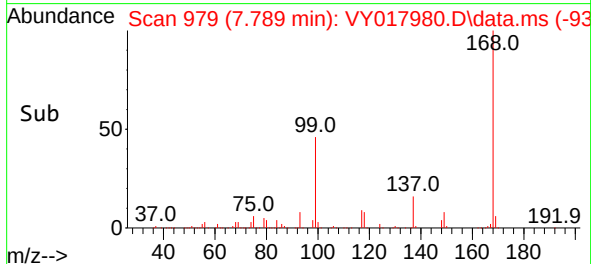
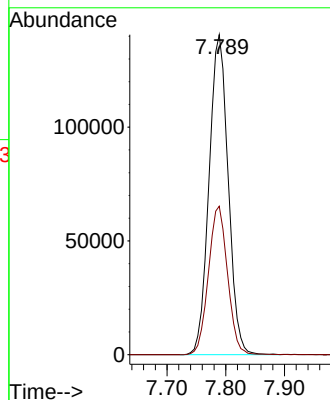
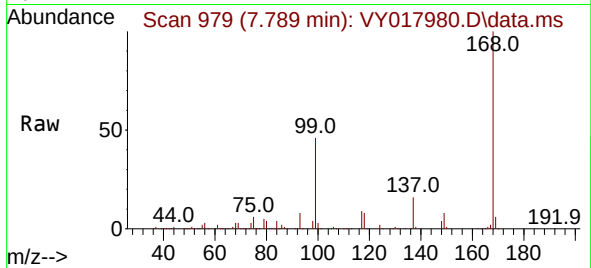




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

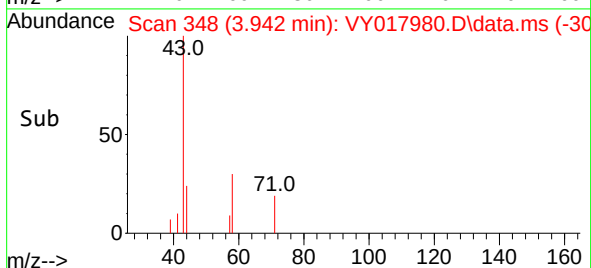
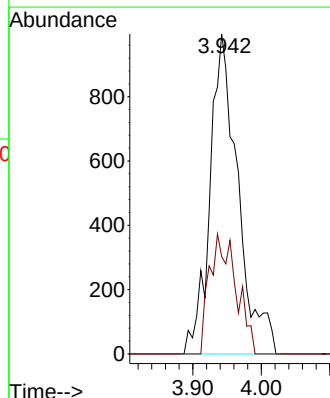
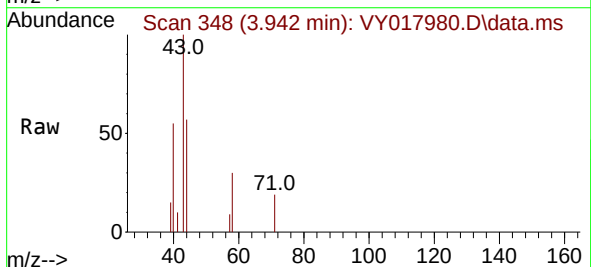
Instrument :
MSVOA_Y
ClientSampleId :
B-101-SB01

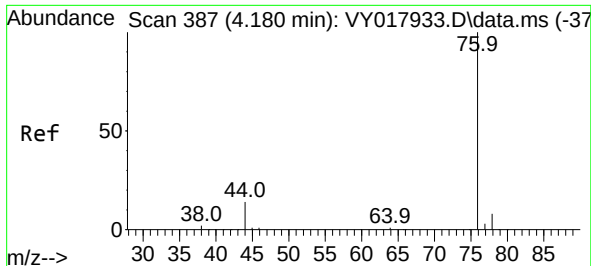
Tgt Ion:168 Resp: 318080
Ion Ratio Lower Upper
168 100
99 46.4 39.1 58.7



#16
Acetone
Concen: 5.216 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

Tgt Ion: 43 Resp: 2837
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#





#17

Carbon Disulfide

Concen: 1.095 ug/l

RT: 4.186 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY017980.D

Acq: 18 Apr 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

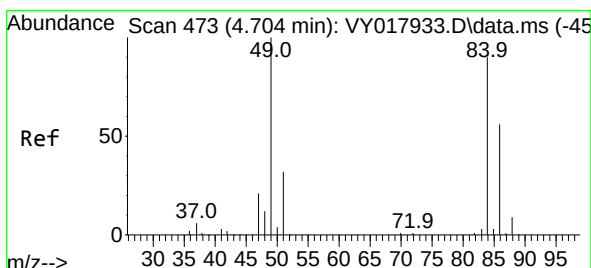
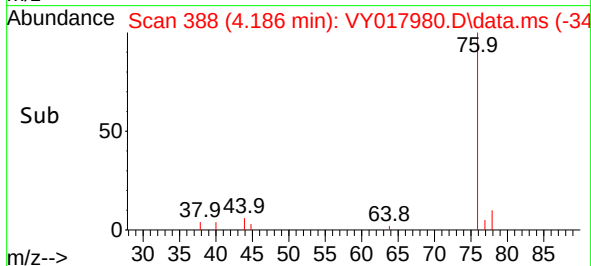
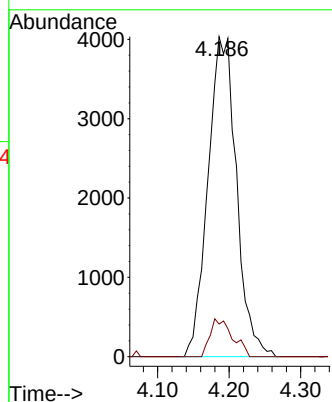
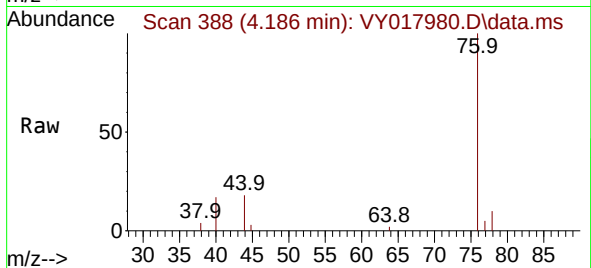
B-101-SB01

Tgt Ion: 76 Resp: 11183

Ion Ratio Lower Upper

76 100

78 10.2 6.8 10.2#



#20

Methylene Chloride

Concen: 3.892 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY017980.D

Acq: 18 Apr 2024 16:50

Tgt Ion: 84 Resp: 14339

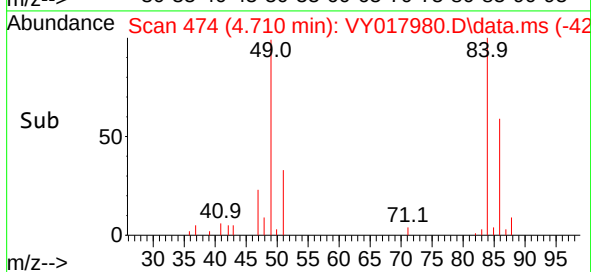
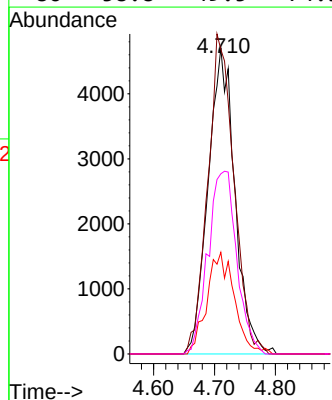
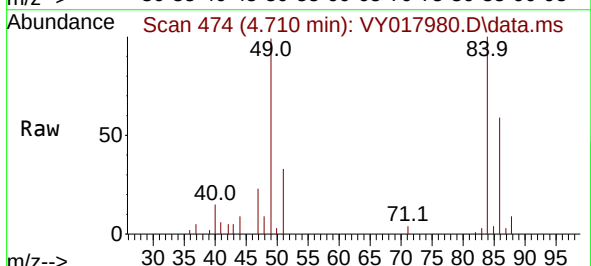
Ion Ratio Lower Upper

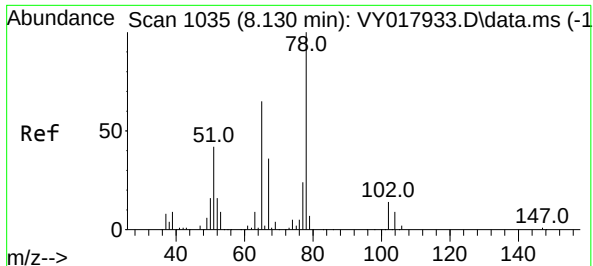
84 100

49 99.4 84.4 126.6

51 33.2 26.0 39.0

86 58.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 48.089 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017980.D

Acq: 18 Apr 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

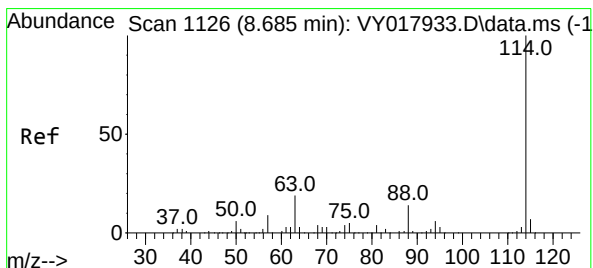
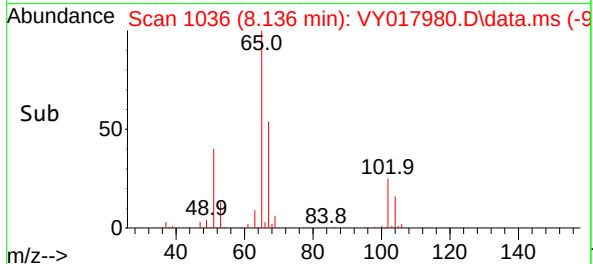
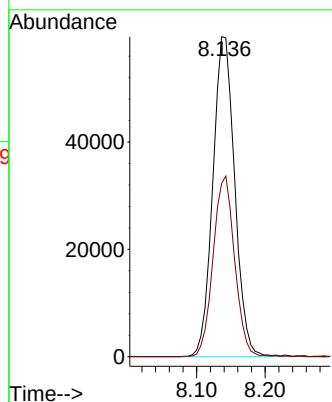
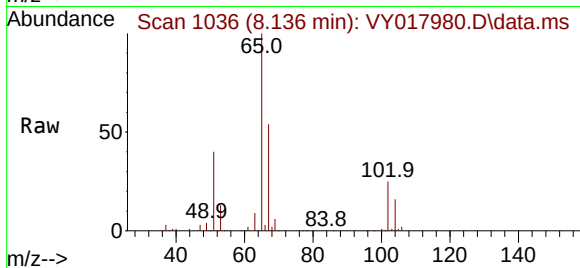
B-101-SB01

Tgt Ion: 65 Resp: 132369

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017980.D

Acq: 18 Apr 2024 16:50

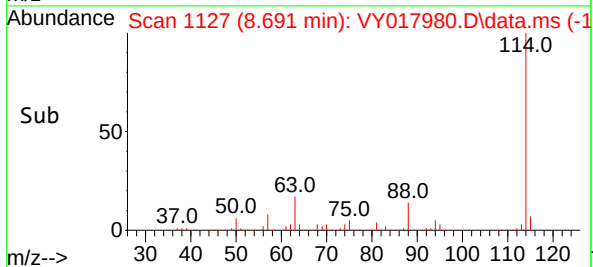
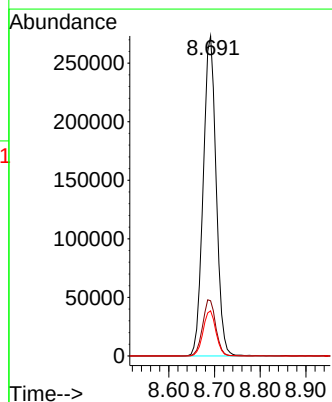
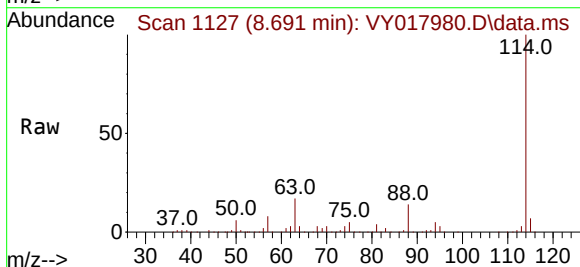
Tgt Ion:114 Resp: 536034

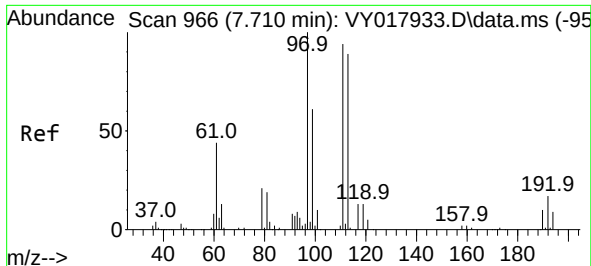
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.1 0.0 27.2

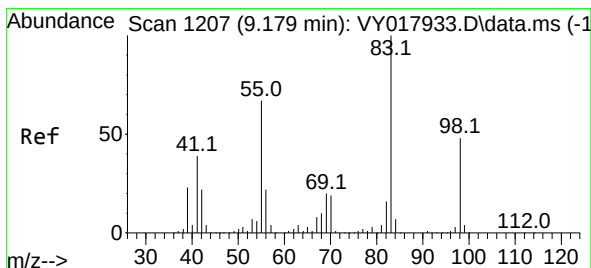
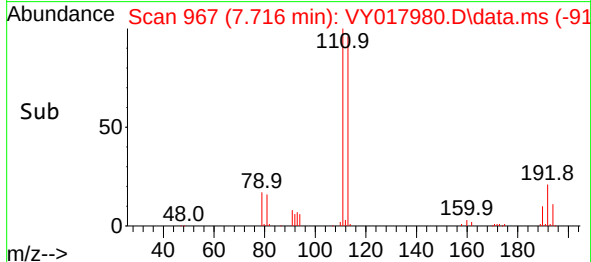
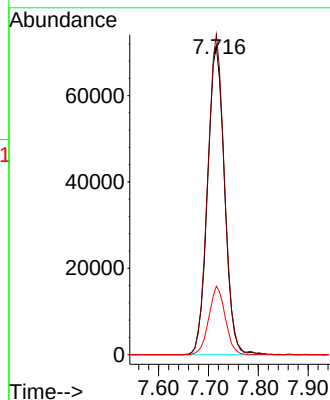
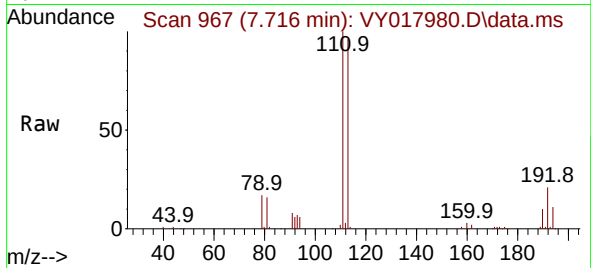




#35
Dibromofluoromethane
Concen: 50.969 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

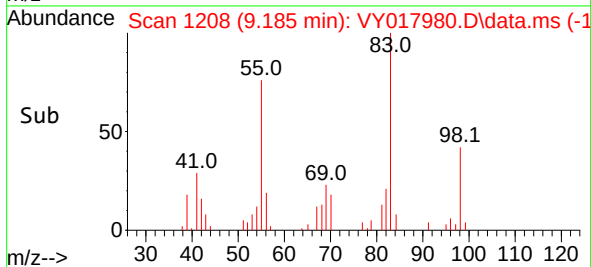
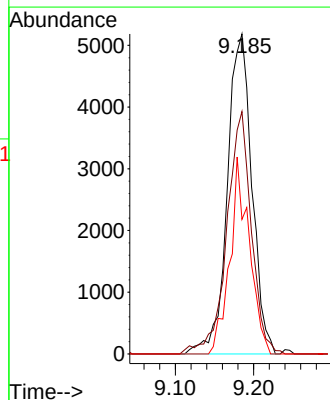
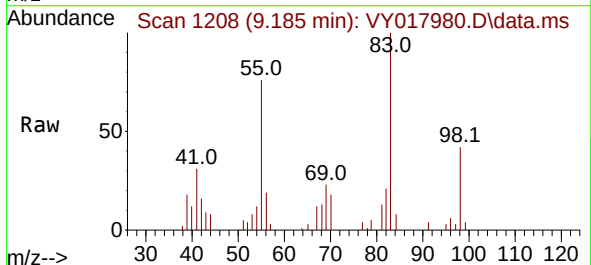
Instrument :
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B-101-SB01

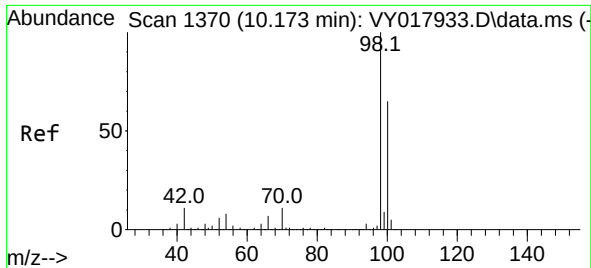
Tgt Ion:113 Resp: 168556
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 21.4 15.9 23.9



#39
Methylcyclohexane
Concen: 1.809 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

Tgt Ion: 83 Resp: 11336
Ion Ratio Lower Upper
83 100
55 75.8 51.5 77.3
98 42.0 40.5 60.7

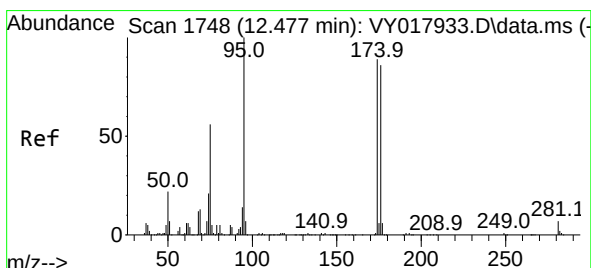
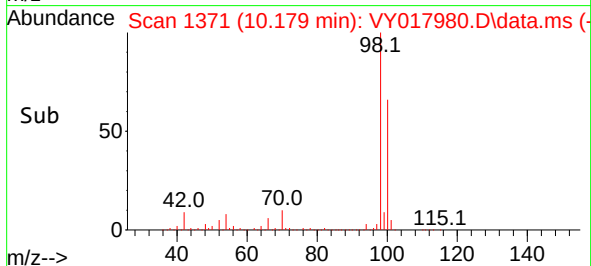
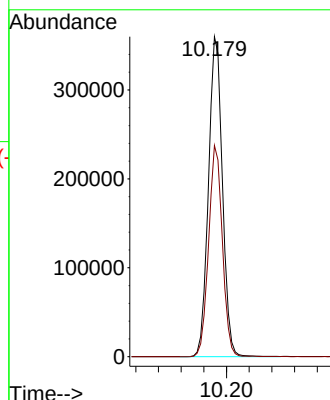
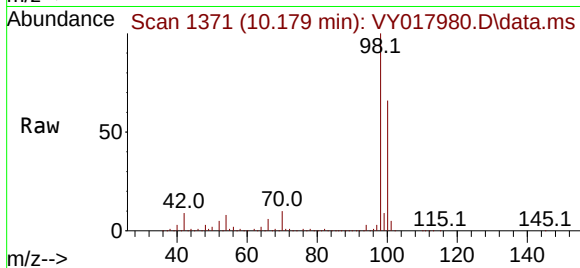




#50
Toluene-d8
Concen: 49.057 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

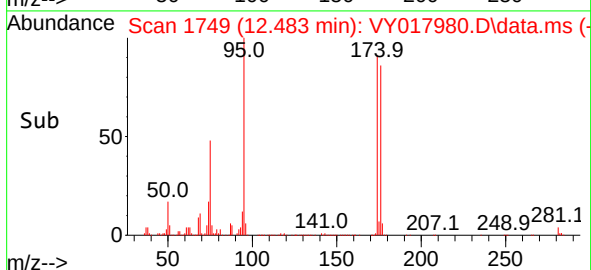
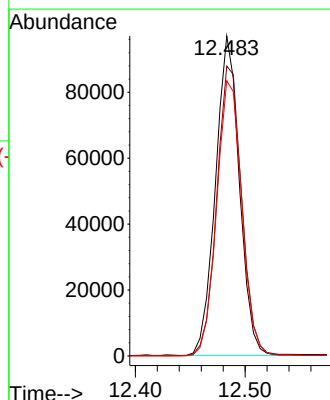
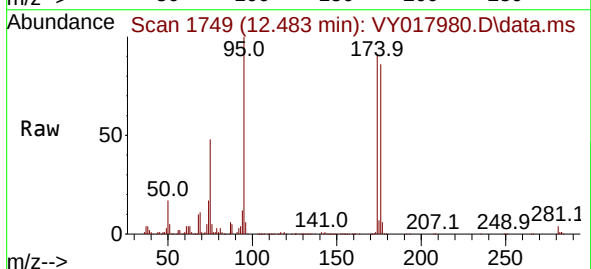
Instrument :
MSVOA_Y
ClientSampleId :
B-101-SB01

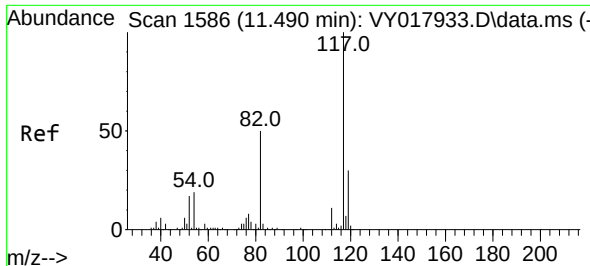
Tgt Ion: 98 Resp: 615587
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.835 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

Tgt Ion: 95 Resp: 147036
Ion Ratio Lower Upper
95 100
174 94.5 0.0 175.6
176 90.7 0.0 171.4

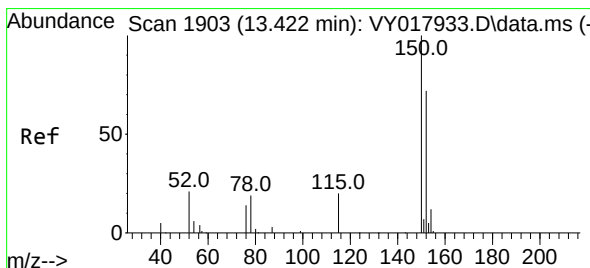
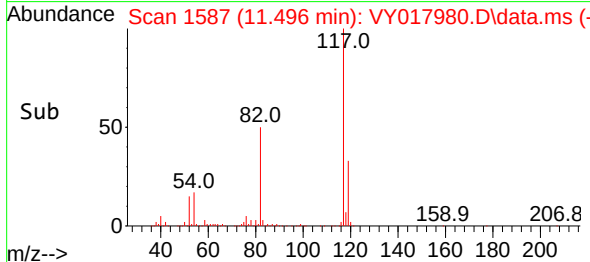
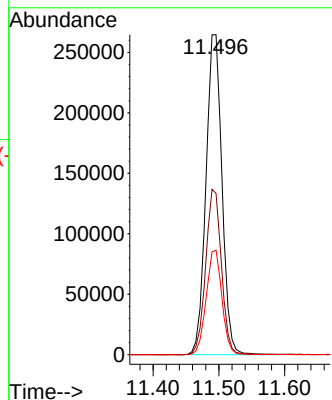
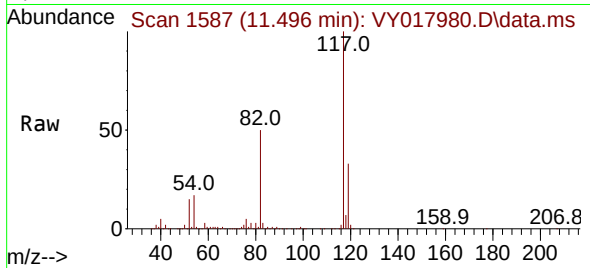




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 448428
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017980.D
Acq: 18 Apr 2024 16:50

Tgt Ion:152 Resp: 142512
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 157.8 0.0 345.6

