

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017957.D
 Acq On : 17 Apr 2024 12:57
 Operator : SY/MD
 Sample : P2124-02
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-131-SB02

Quant Time: Apr 18 02:50:41 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)

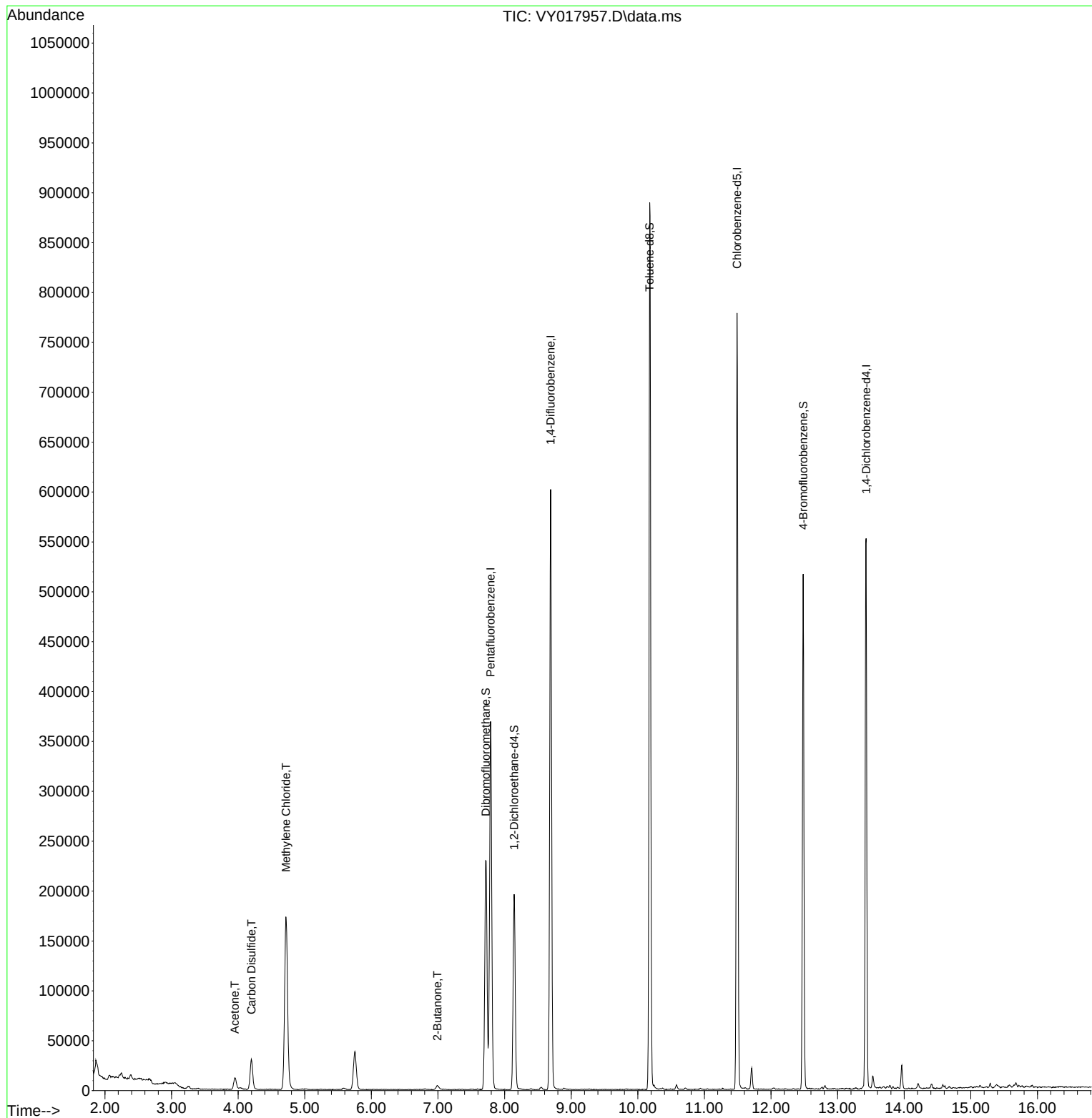
Internal Standards						
1) Pentafluorobenzene	7.789	168	302624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	528849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	443703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	149714	57.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.716	113	171720	52.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.260%
50) Toluene-d8	10.179	98	604947	48.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.483	95	153542	40.045	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.100%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	21021	40.624	ug/l	92
17) Carbon Disulfide	4.198	76	62083	6.388	ug/l #	93
20) Methylene Chloride	4.716	84	141452	40.350	ug/l	98
25) 2-Butanone	6.990	43	6284	8.262	ug/l #	81

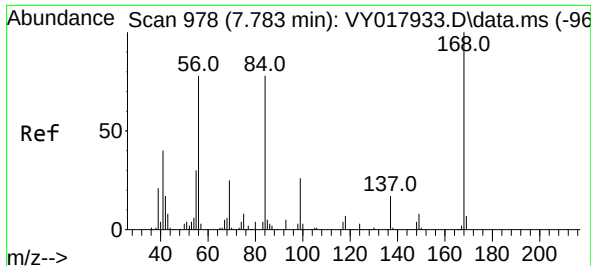
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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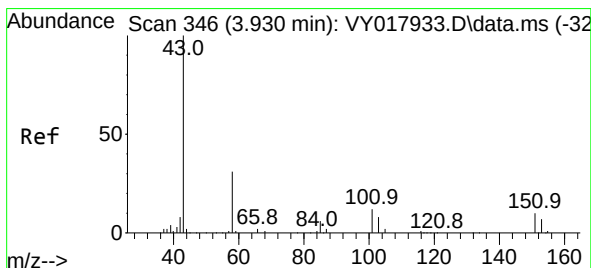
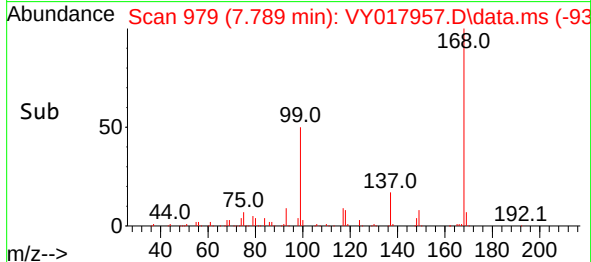
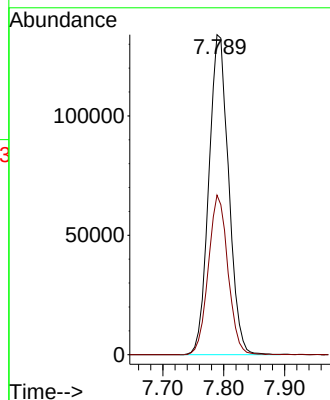
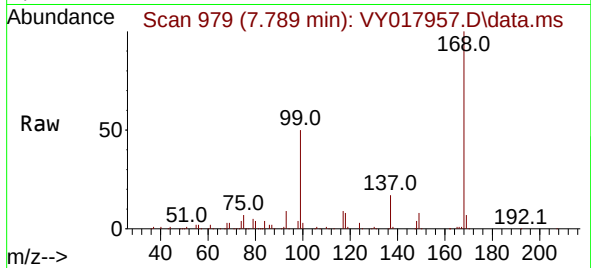




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017957.D
Acq: 17 Apr 2024 12:57

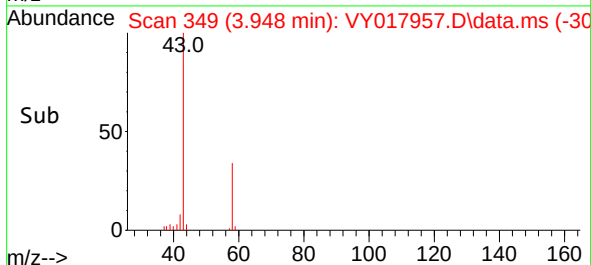
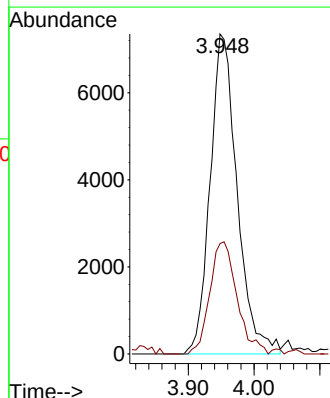
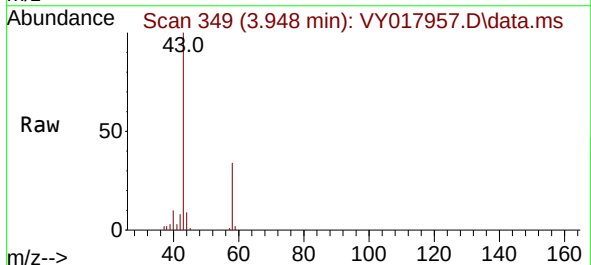
Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB02

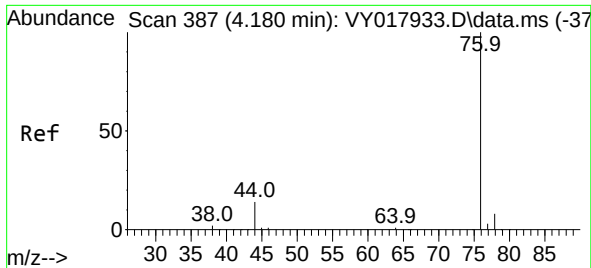
Tgt Ion:168 Resp: 302624
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#16
Acetone
Concen: 40.624 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017957.D
Acq: 17 Apr 2024 12:57

Tgt Ion: 43 Resp: 21021
Ion Ratio Lower Upper
43 100
58 34.5 31.7 47.5





#17

Carbon Disulfide

Concen: 6.388 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY017957.D

Acq: 17 Apr 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

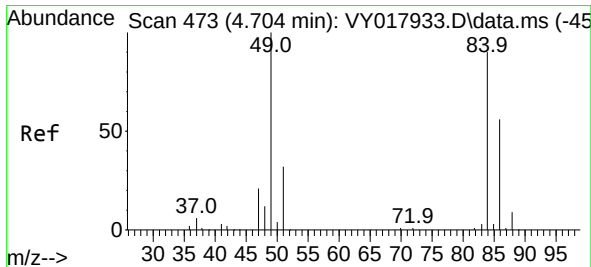
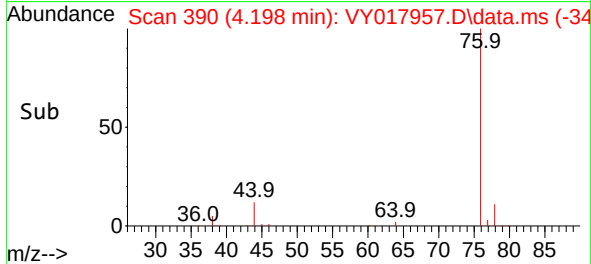
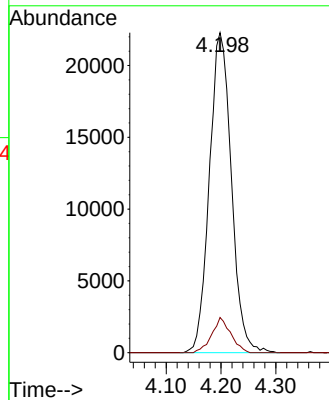
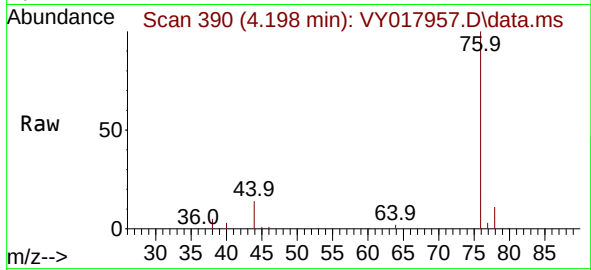
B-131-SB02

Tgt Ion: 76 Resp: 62083

Ion Ratio Lower Upper

76 100

78 11.0 6.8 10.2#



#20

Methylene Chloride

Concen: 40.350 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY017957.D

Acq: 17 Apr 2024 12:57

Tgt Ion: 84 Resp: 141452

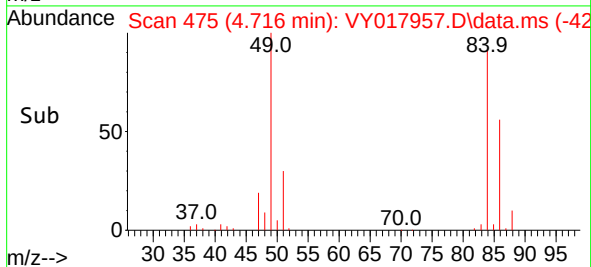
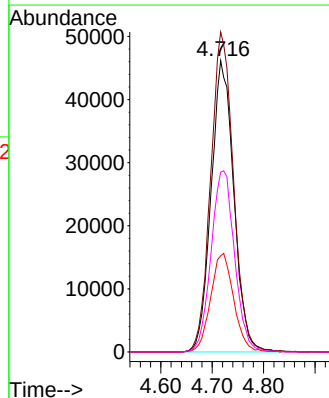
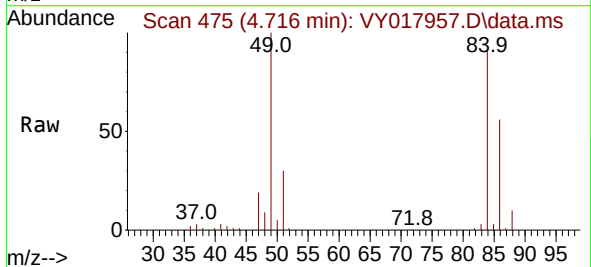
Ion Ratio Lower Upper

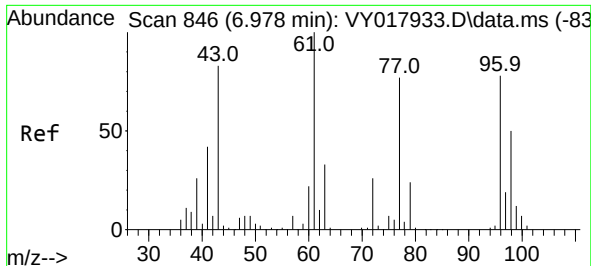
84 100

49 109.9 84.4 126.6

51 33.0 26.0 39.0

86 61.8 49.5 74.3

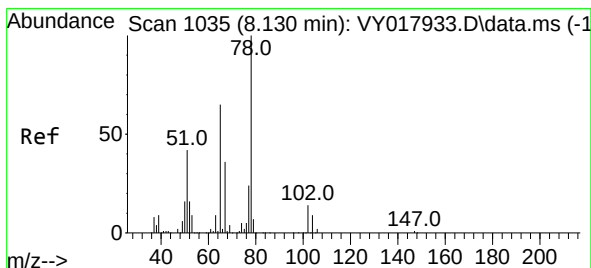
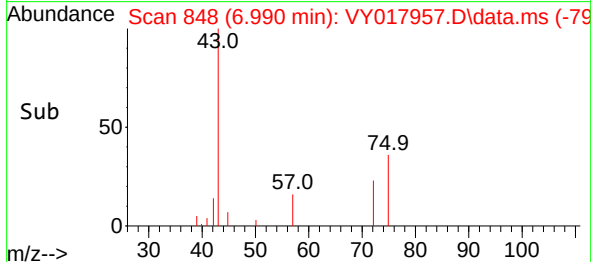
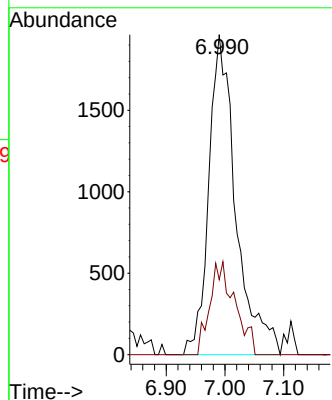
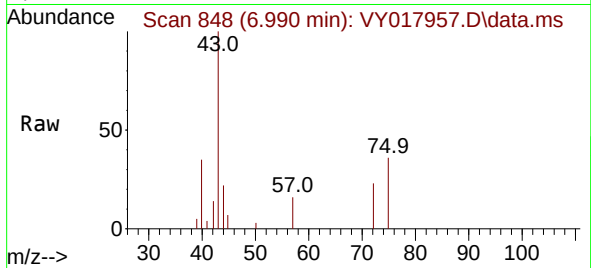




#25
2-Butanone
Concen: 8.262 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY017957.D
Acq: 17 Apr 2024 12:57

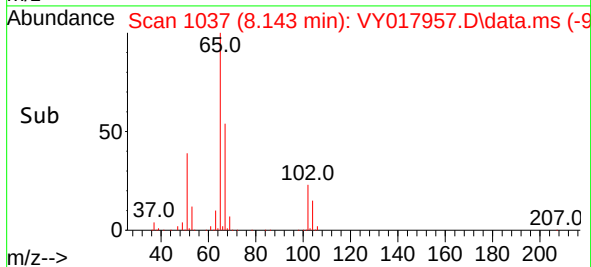
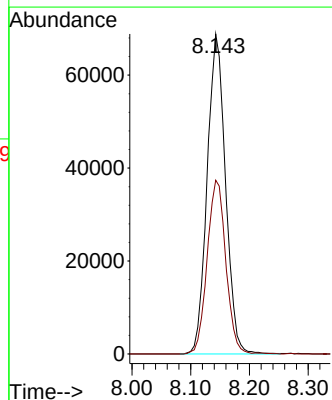
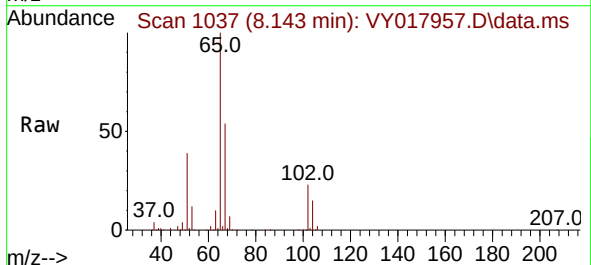
Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB02

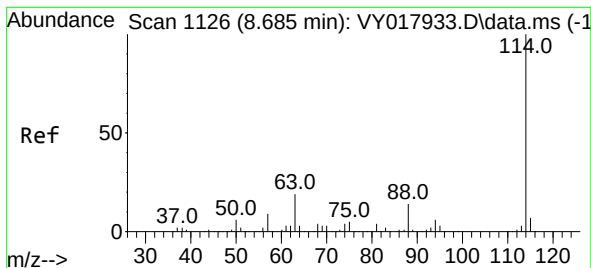
Tgt Ion: 43 Resp: 6284
Ion Ratio Lower Upper
43 100
72 23.5 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 57.168 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017957.D
Acq: 17 Apr 2024 12:57

Tgt Ion: 65 Resp: 149714
Ion Ratio Lower Upper
65 100
67 55.2 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: VY017957.D

Acq: 17 Apr 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

B-131-SB02

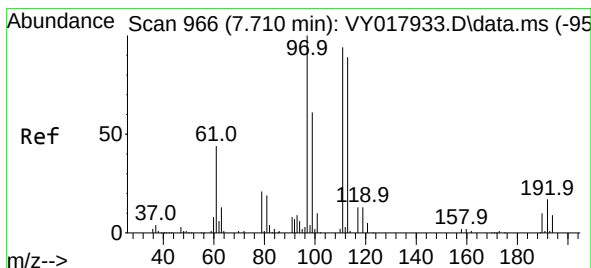
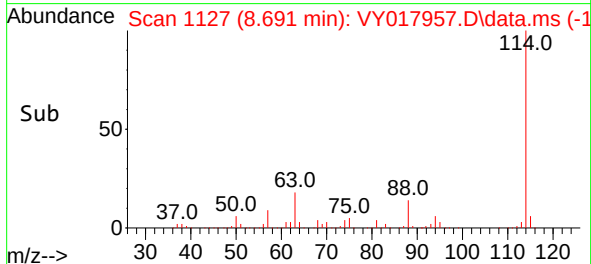
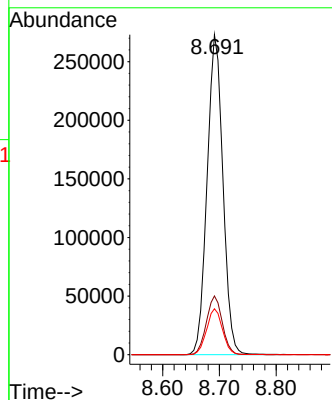
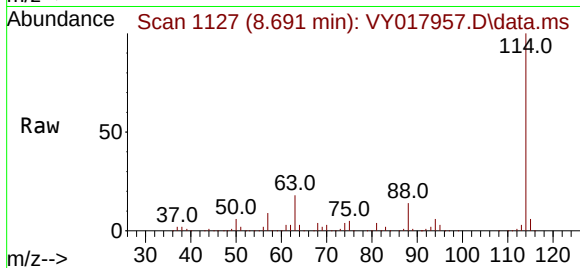
Tgt Ion:114 Resp: 528849

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.632 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY017957.D

Acq: 17 Apr 2024 12:57

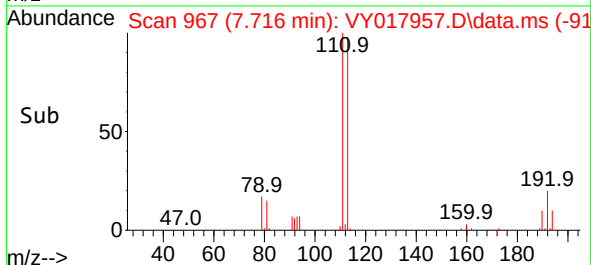
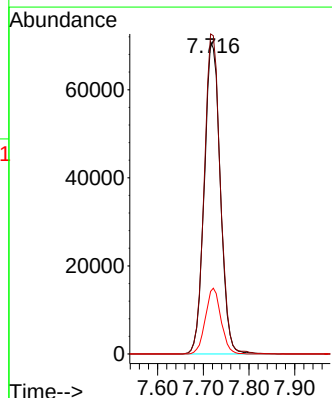
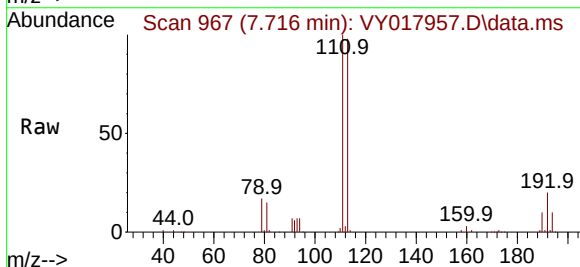
Tgt Ion:113 Resp: 171720

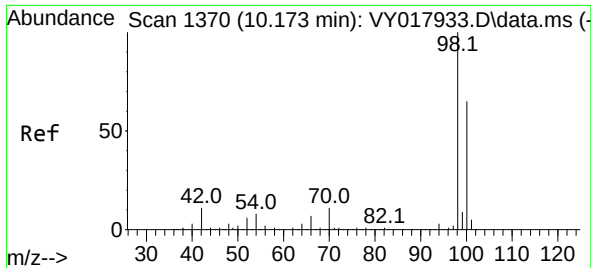
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.5 15.9 23.9

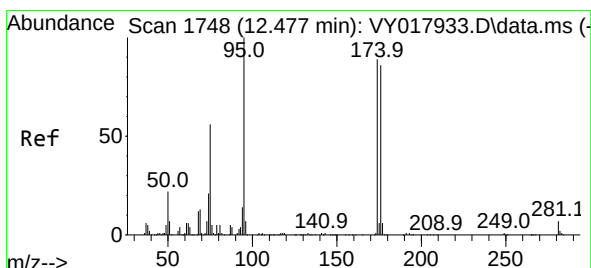
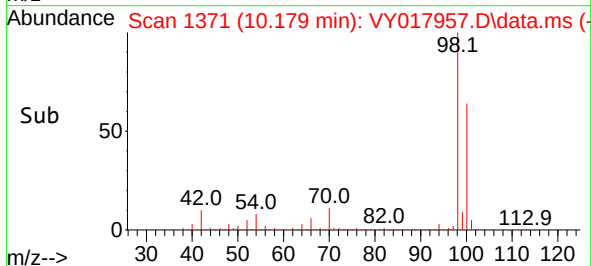
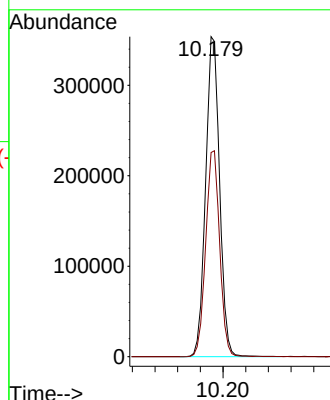
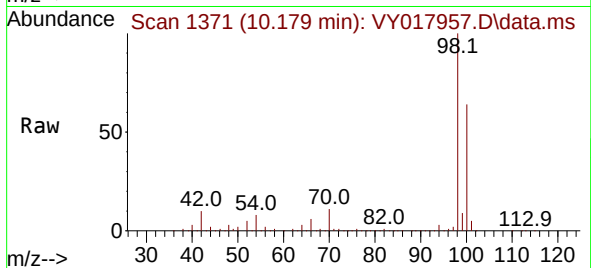




#50
Toluene-d8
Concen: 48.864 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017957.D
Acq: 17 Apr 2024 12:57

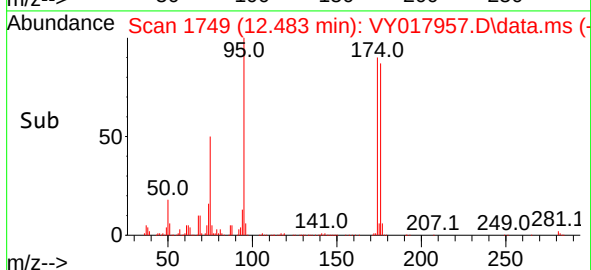
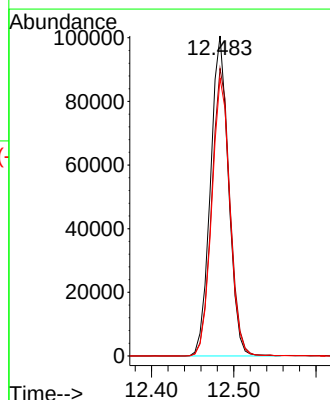
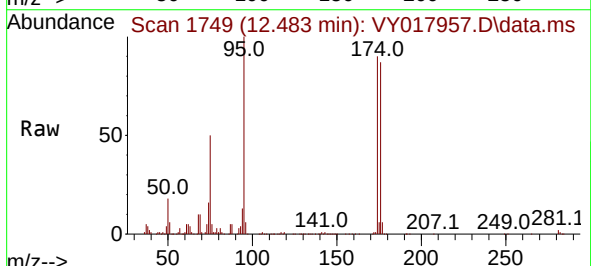
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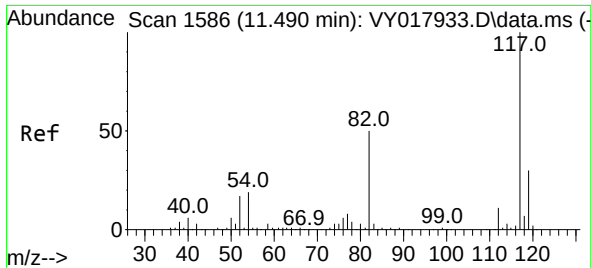
Tgt Ion: 98 Resp: 604947
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.045 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017957.D
Acq: 17 Apr 2024 12:57

Tgt Ion: 95 Resp: 153542
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 87.0 0.0 171.4

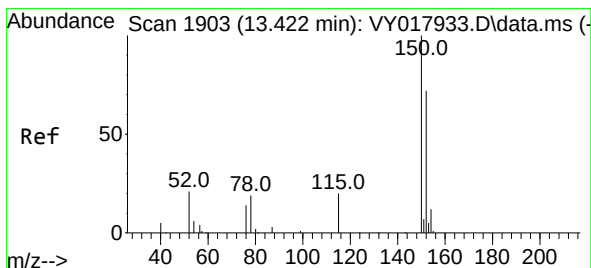
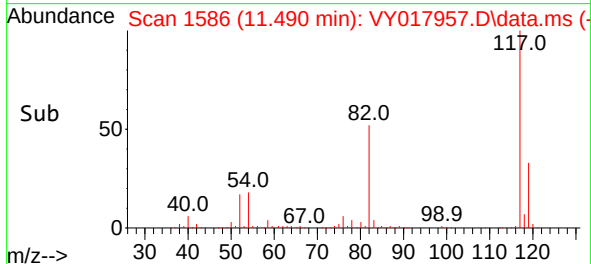
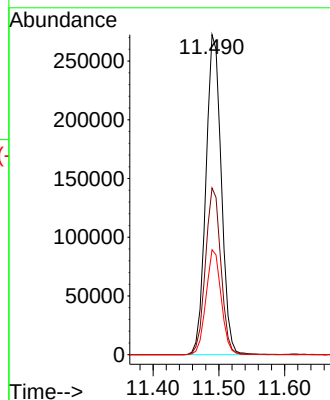
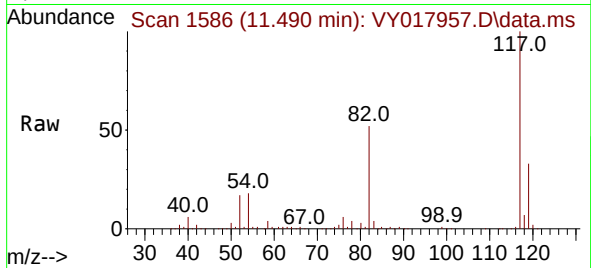




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017957.D
Acq: 17 Apr 2024 12:57

Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB02

Tgt Ion:117 Resp: 443703
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.8 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: VY017957.D
Acq: 17 Apr 2024 12:57

Tgt Ion:152 Resp: 154678
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 157.5 0.0 345.6

