

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017981.D
 Acq On : 18 Apr 2024 17:14
 Operator : SY/MD
 Sample : P2124-01
 Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-131-SB01

Quant Time: Apr 19 02:03:24 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)

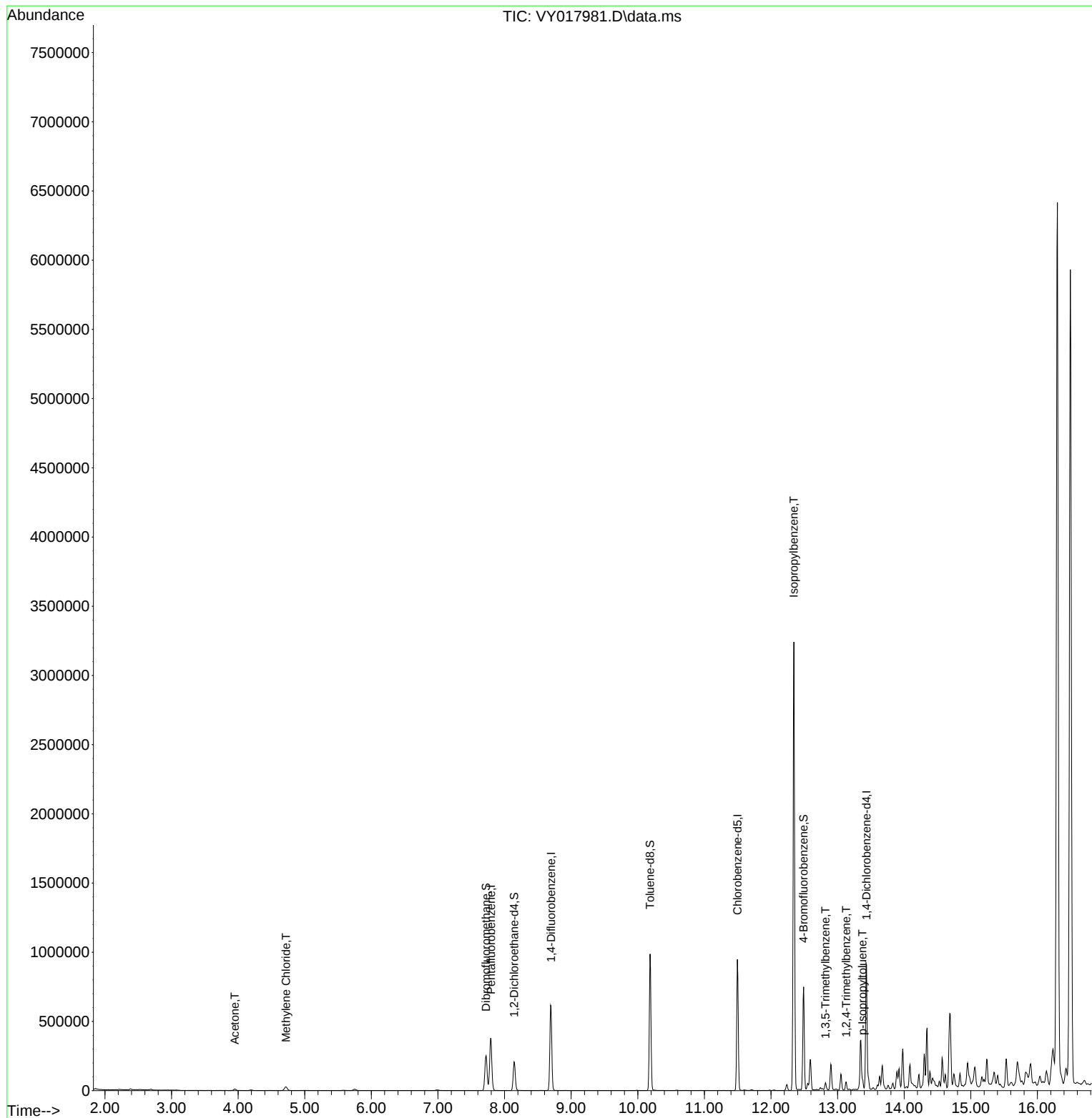
Internal Standards						
1) Pentafluorobenzene	7.795	168	323511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	578453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	541197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	250064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	155903	55.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.380%	
35) Dibromofluoromethane	7.722	113	184728	51.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.185	98	672758	49.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.489	95	228795	54.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.120%	
Target Compounds						Qvalue
16) Acetone	3.948	43	17071	30.861	ug/l	95
20) Methylene Chloride	4.716	84	21939	5.854	ug/l	97
73) Isopropylbenzene	12.343	105	124387	6.827	ug/l #	64
80) 1,3,5-Trimethylbenzene	12.819	105	24866	1.721	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	32506	2.259	ug/l	99
86) p-Isopropyltoluene	13.373	119	40830	2.507	ug/l #	76

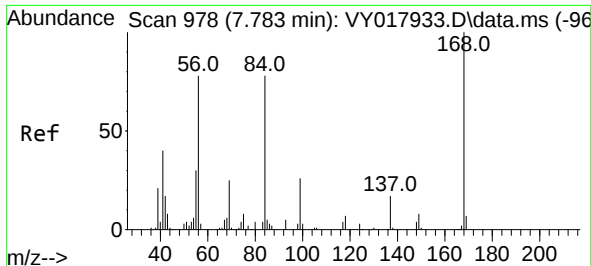
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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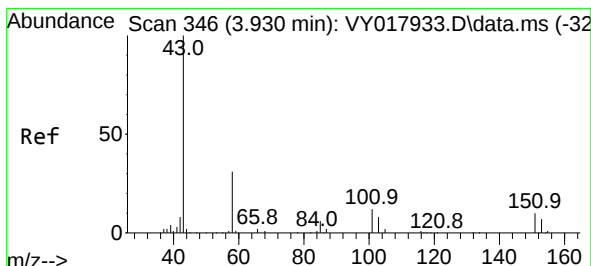
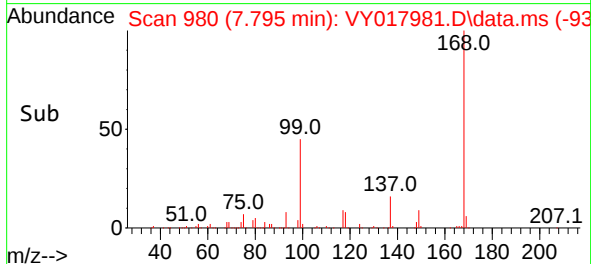
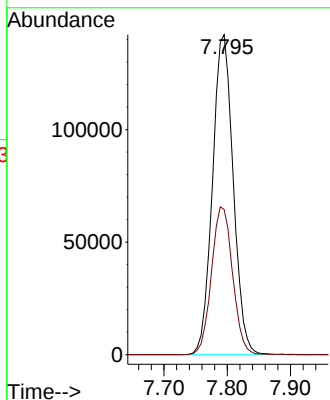
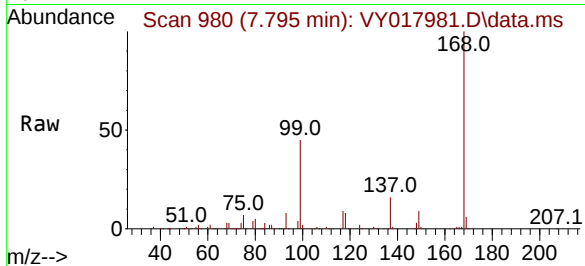




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017981.D
Acq: 18 Apr 2024 17:14

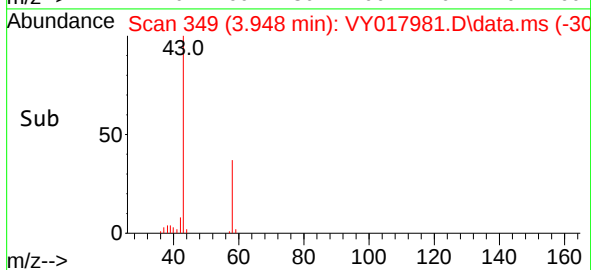
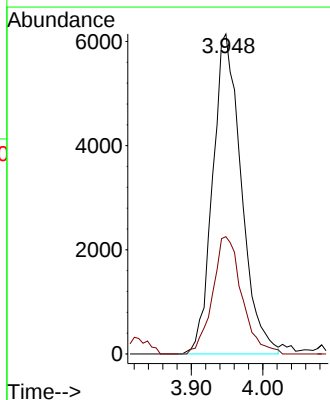
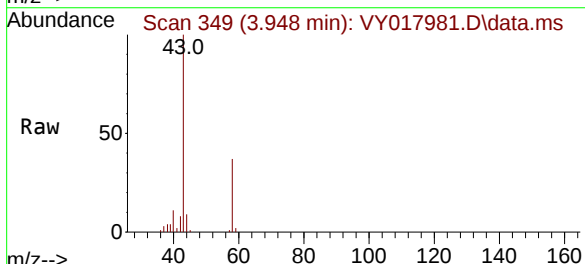
Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

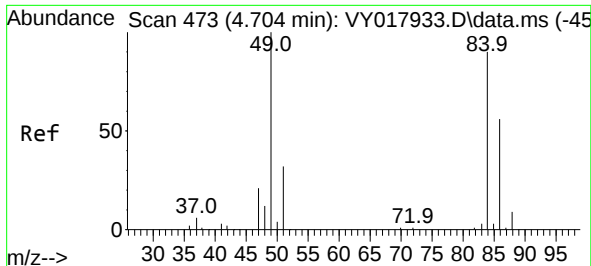
Tgt Ion:168 Resp: 323511
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#16
Acetone
Concen: 30.861 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017981.D
Acq: 18 Apr 2024 17:14

Tgt Ion: 43 Resp: 17071
Ion Ratio Lower Upper
43 100
58 36.7 31.7 47.5

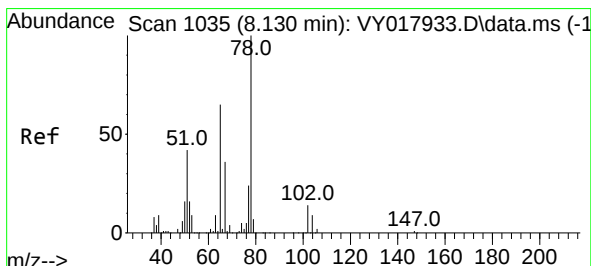
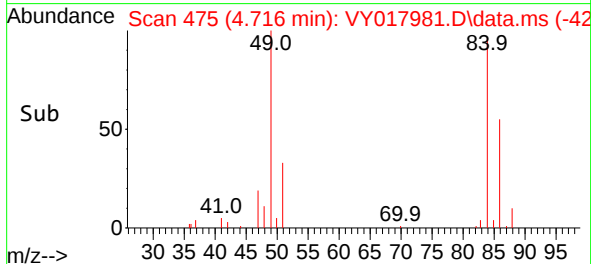
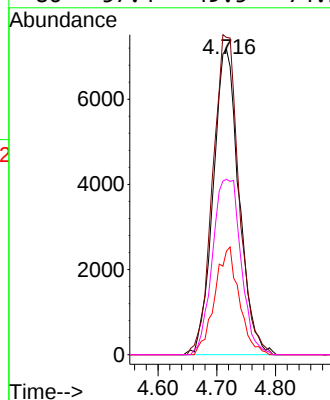
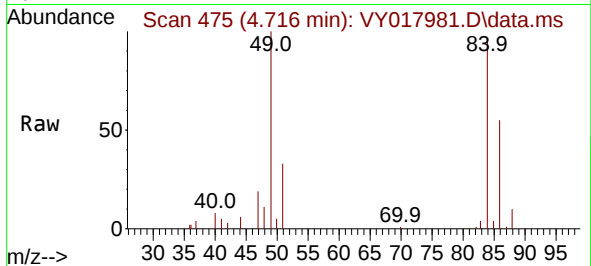




#20
Methylene Chloride
Concen: 5.854 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017981.D
Acq: 18 Apr 2024 17:14

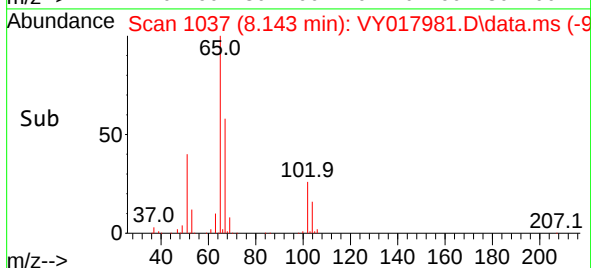
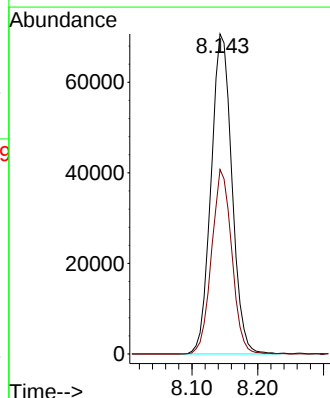
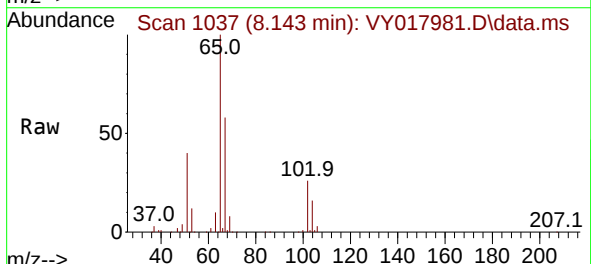
Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

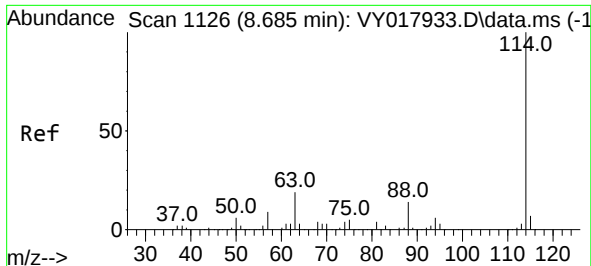
Tgt Ion:	84	Resp:	21939
Ion	Ratio	Lower	Upper
84	100		
49	103.8	84.4	126.6
51	33.9	26.0	39.0
86	57.4	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 55.688 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017981.D
Acq: 18 Apr 2024 17:14

Tgt Ion:	65	Resp:	155903
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	109.6

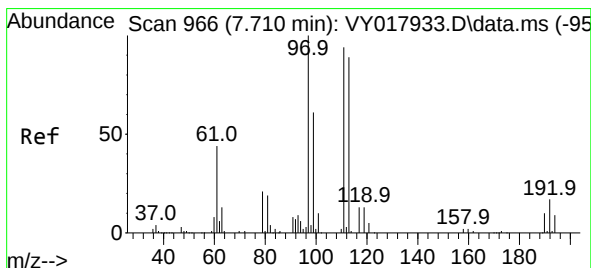
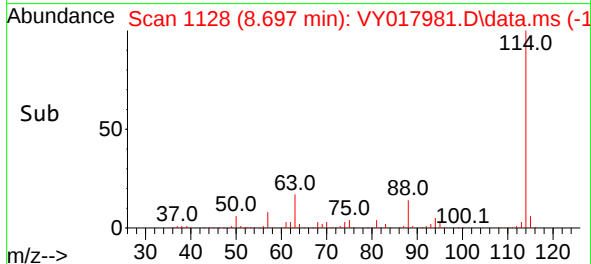
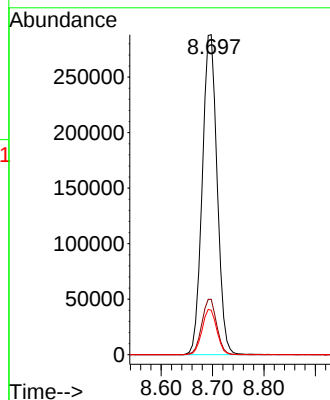
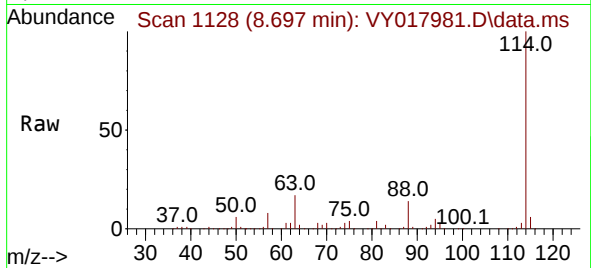




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017981.D
Acq: 18 Apr 2024 17:14

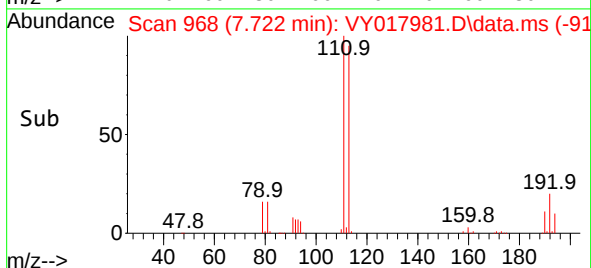
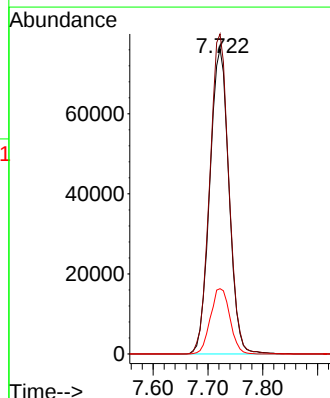
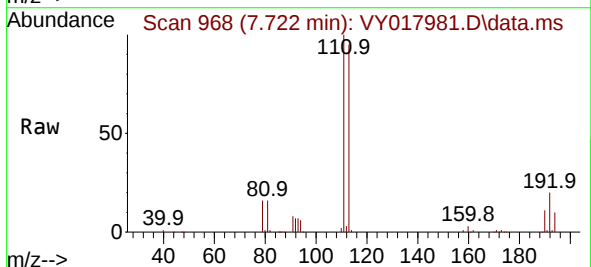
Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

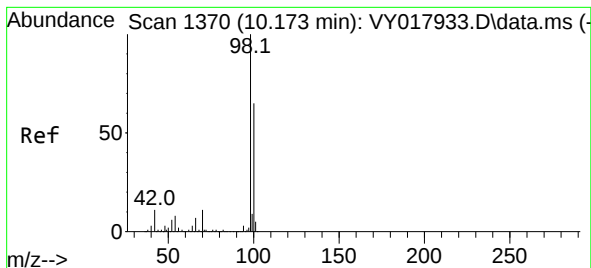
Tgt Ion:114 Resp: 578453
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.763 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY017981.D
Acq: 18 Apr 2024 17:14

Tgt Ion:113 Resp: 184728
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 21.6 15.9 23.9





#50

Toluene-d8

Concen: 49.681 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017981.D

Acq: 18 Apr 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

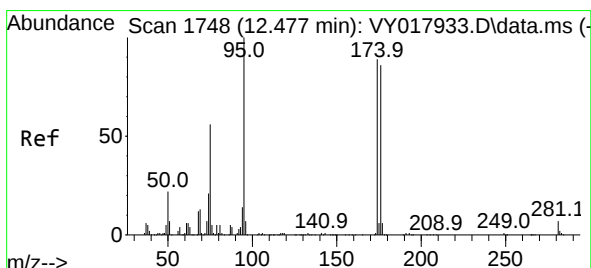
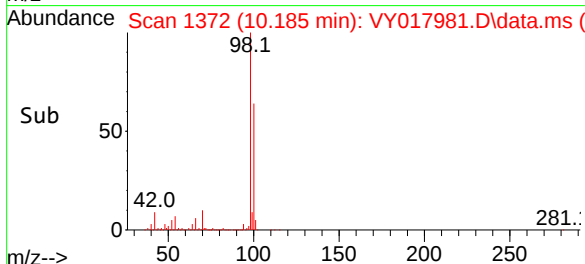
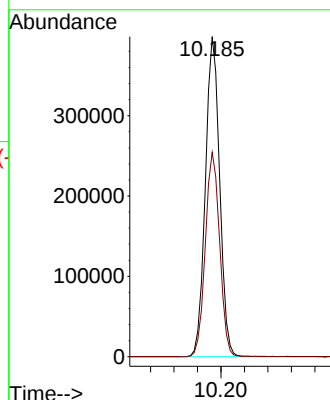
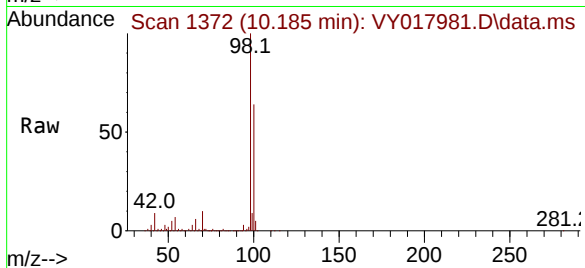
B-131-SB01

Tgt Ion: 98 Resp: 672758

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.555 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017981.D

Acq: 18 Apr 2024 17:14

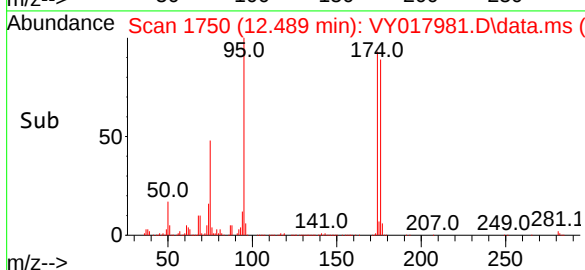
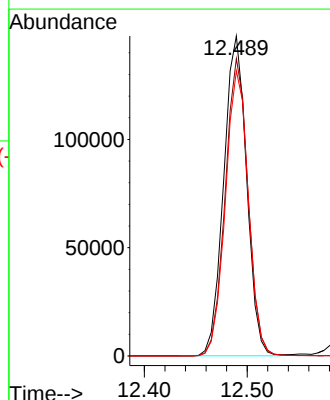
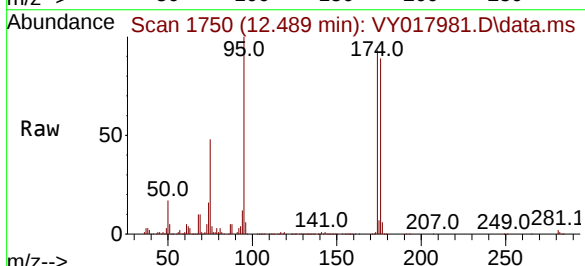
Tgt Ion: 95 Resp: 228795

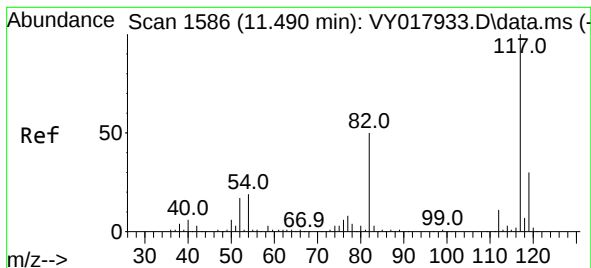
Ion Ratio Lower Upper

95 100

174 92.8 0.0 175.6

176 89.6 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: VY017981.D

Acq: 18 Apr 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

B-131-SB01

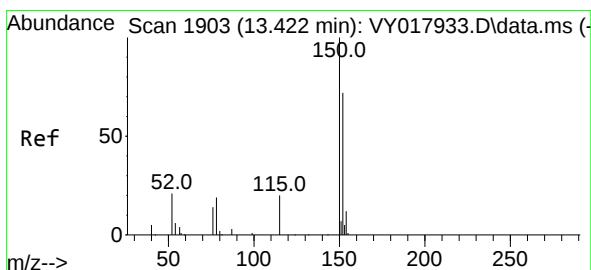
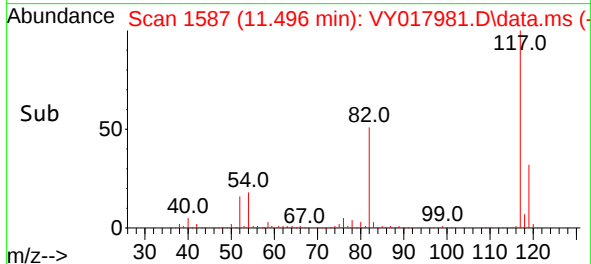
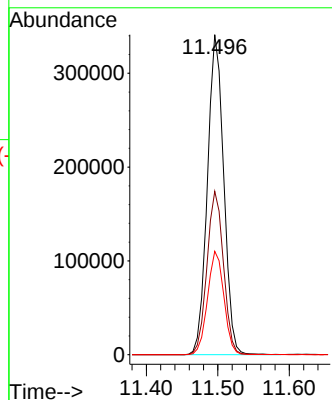
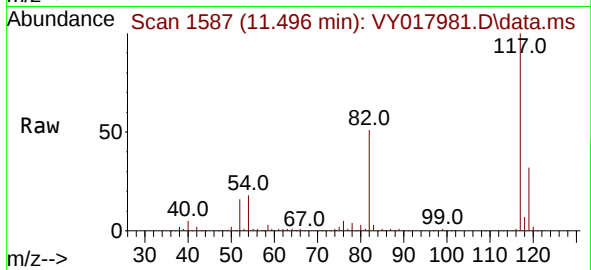
Tgt Ion:117 Resp: 541197

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

119 32.3 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: VY017981.D

Acq: 18 Apr 2024 17:14

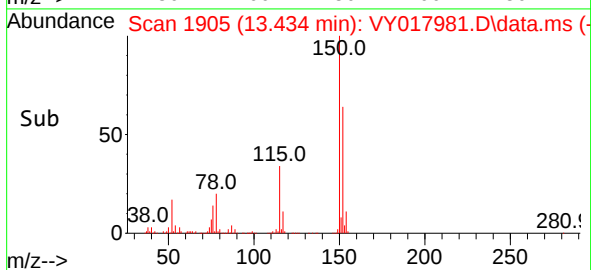
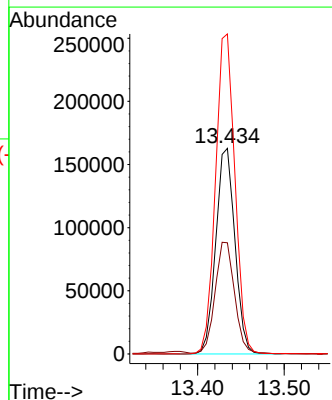
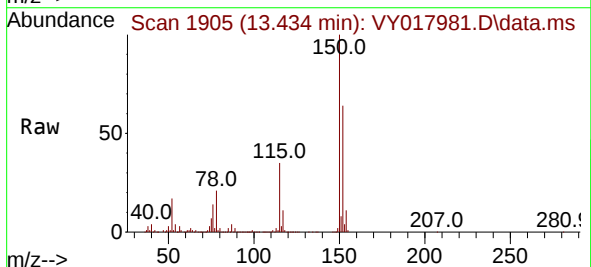
Tgt Ion:152 Resp: 250064

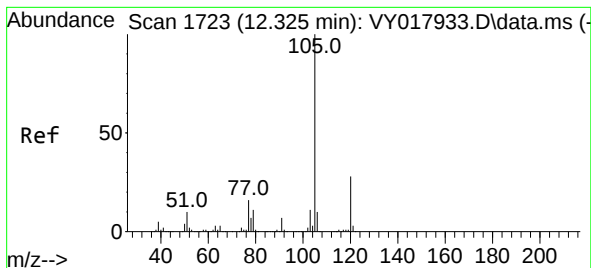
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 157.4 0.0 345.6





#73

Isopropylbenzene

Concen: 6.827 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017981.D

Acq: 18 Apr 2024 17:14

Instrument :

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ClientSampleId :

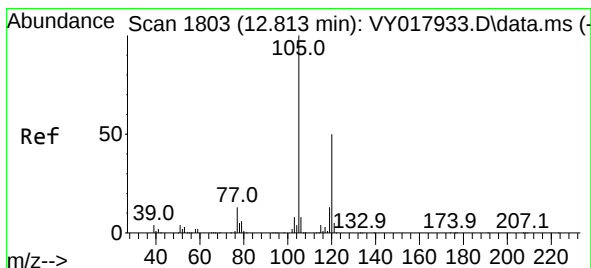
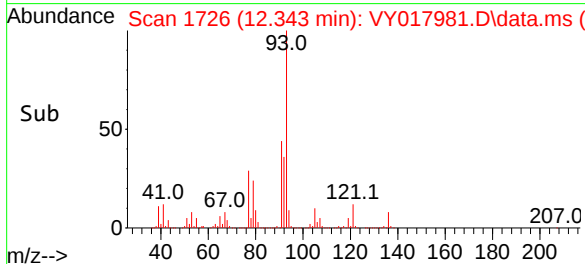
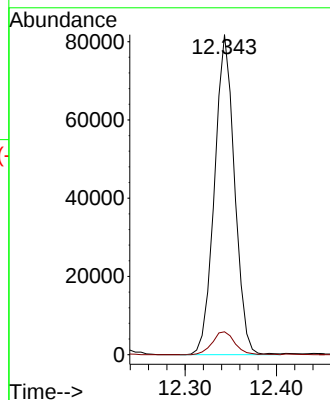
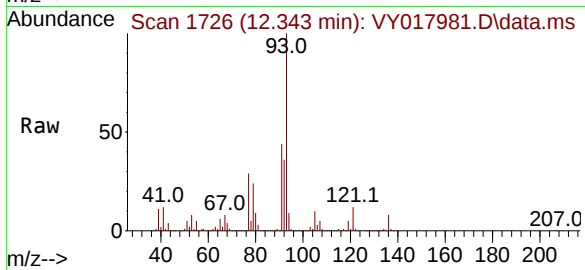
B-131-SB01

Tgt Ion:105 Resp: 124387

Ion Ratio Lower Upper

105 100

120 8.1 13.4 40.1#



#80

1,3,5-Trimethylbenzene

Concen: 1.721 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY017981.D

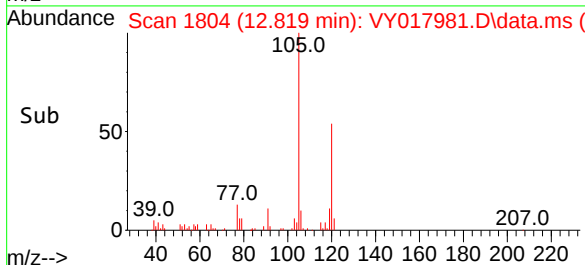
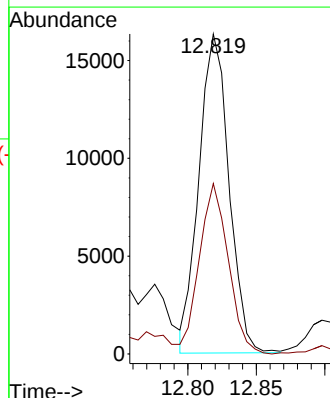
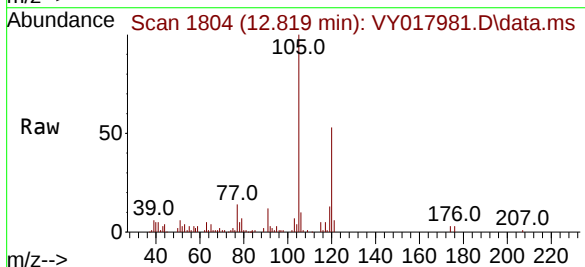
Acq: 18 Apr 2024 17:14

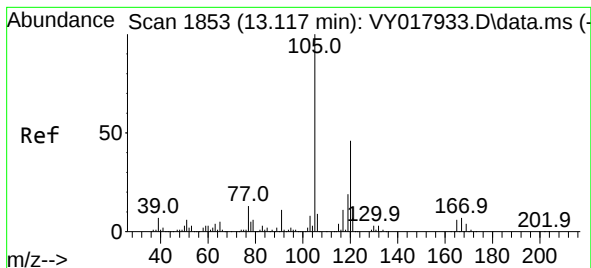
Tgt Ion:105 Resp: 24866

Ion Ratio Lower Upper

105 100

120 52.0 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 2.259 ug/l

RT: 13.130 min Scan# 1853

Delta R.T. 0.012 min

Lab File: VY017981.D

Acq: 18 Apr 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

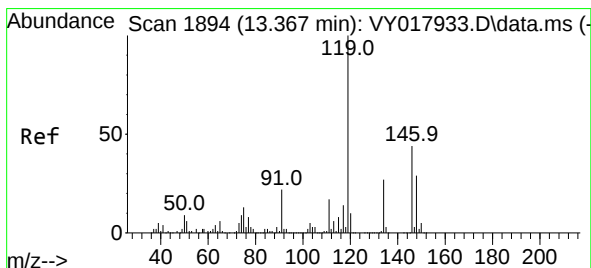
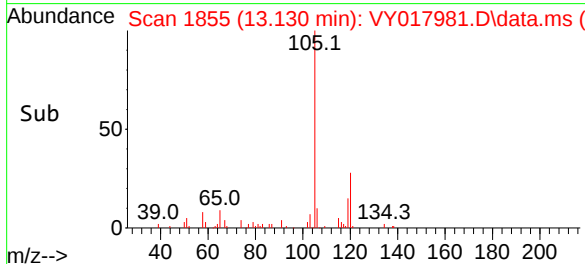
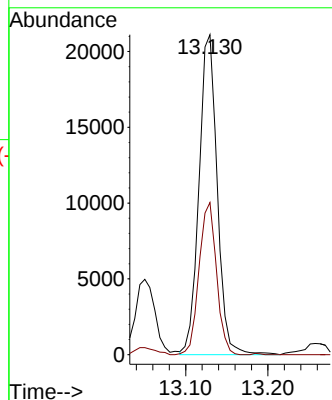
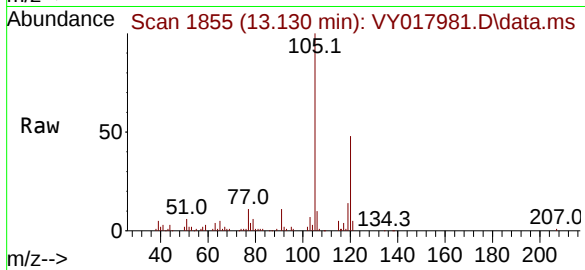
B-131-SB01

Tgt Ion:105 Resp: 32506

Ion Ratio Lower Upper

105 100

120 45.5 23.2 69.6



#86

p-Isopropyltoluene

Concen: 2.507 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017981.D

Acq: 18 Apr 2024 17:14

Tgt Ion:119 Resp: 40830

Ion Ratio Lower Upper

119 100

134 29.3 13.1 39.3

91 0.0 10.7 32.1#

