

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017960.D
 Acq On : 17 Apr 2024 14:09
 Operator : SY/MD
 Sample : P2124-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-131-SB01

Quant Time: Apr 18 02:51:38 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)

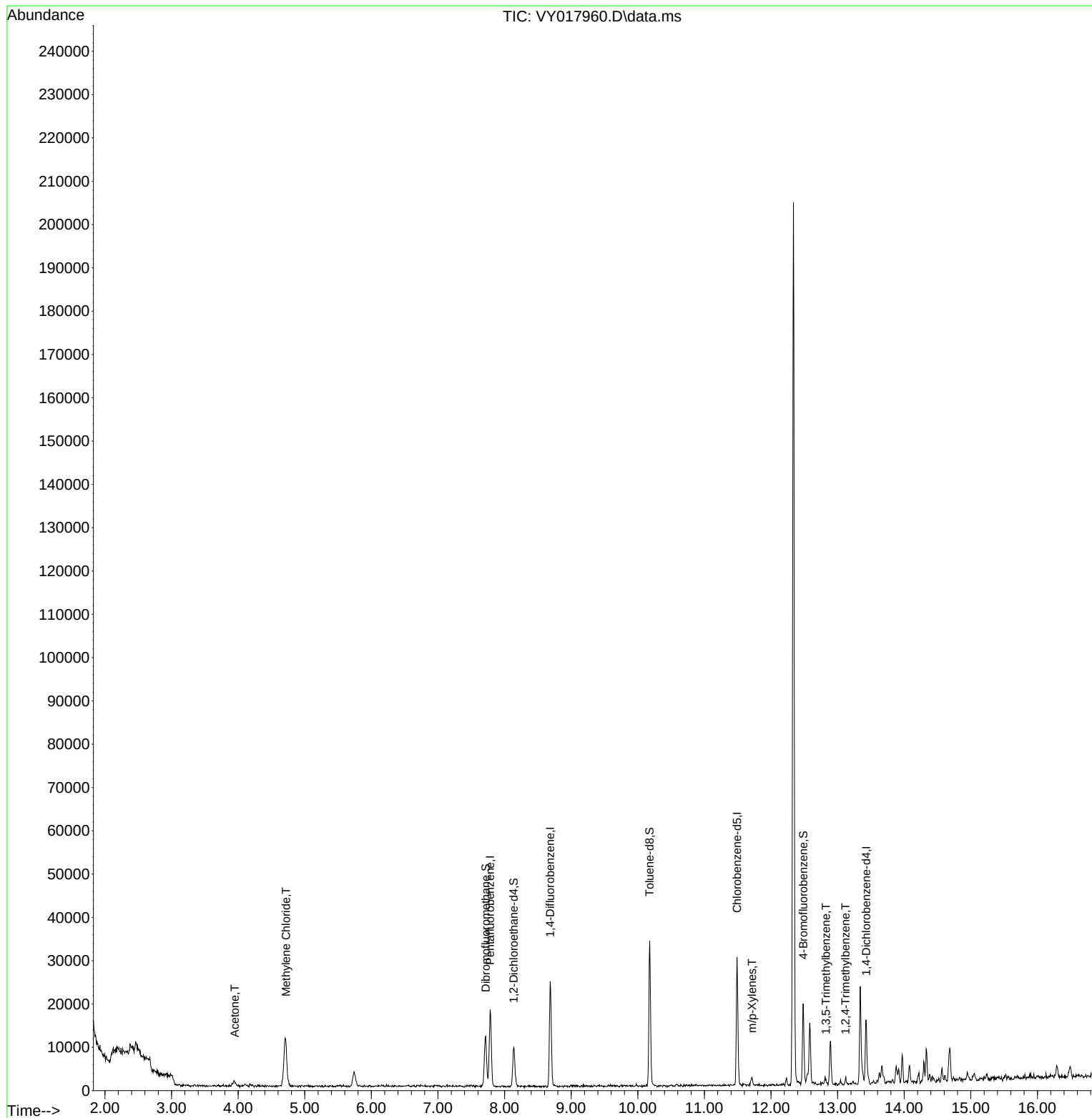
Internal Standards						
1) Pentafluorobenzene	7.783	168	14990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	22450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	7257	55.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.880%
35) Dibromofluoromethane	7.716	113	8505	61.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.820%
50) Toluene-d8	10.179	98	22864	43.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.000%
62) 4-Bromofluorobenzene	12.483	95	5554	34.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.240%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	2282	89.033	ug/l	# 73
20) Methylene Chloride	4.716	84	8900	51.254	ug/l	98
68) m/p-Xylenes	11.715	106	666	2.712	ug/l	88
80) 1,3,5-Trimethylbenzene	12.825	105	757	3.196	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	865	3.667	ug/l	87

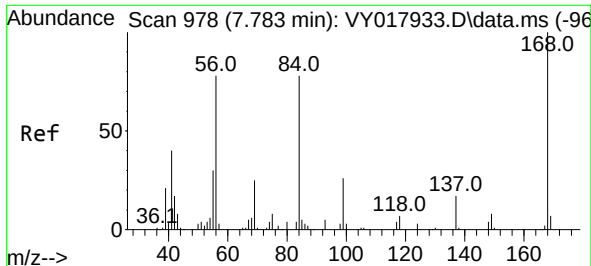
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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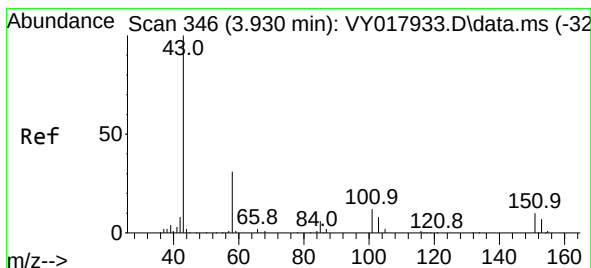
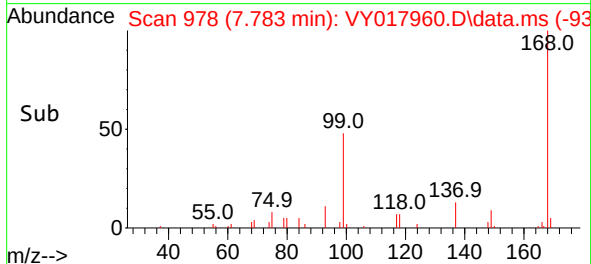
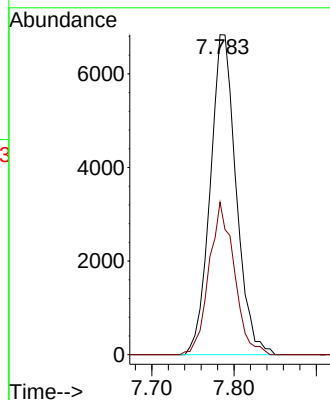
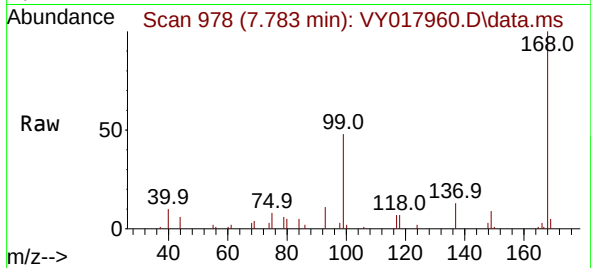




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

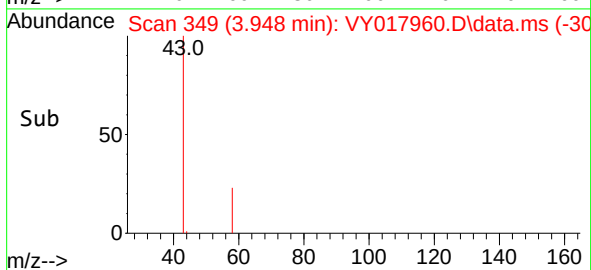
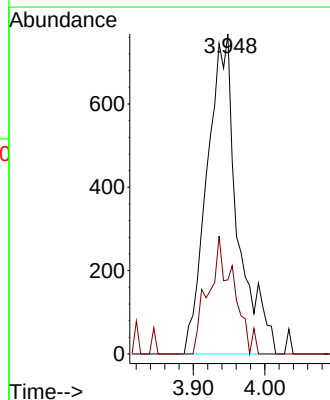
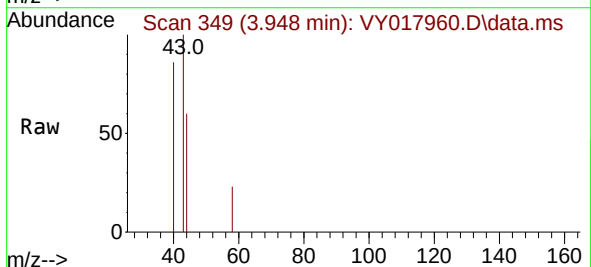
Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

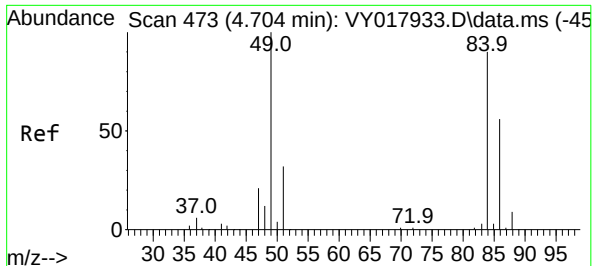
Tgt Ion:168 Resp: 14990
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#16
Acetone
Concen: 89.033 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
58 23.2 31.7 47.5#

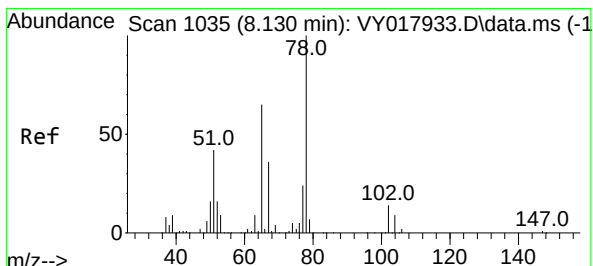
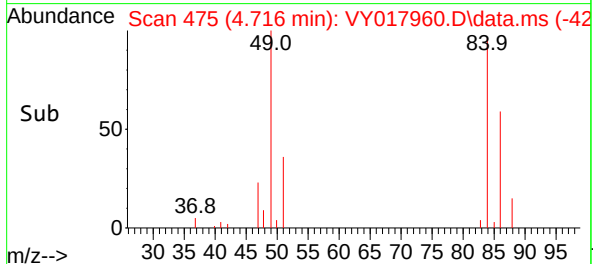
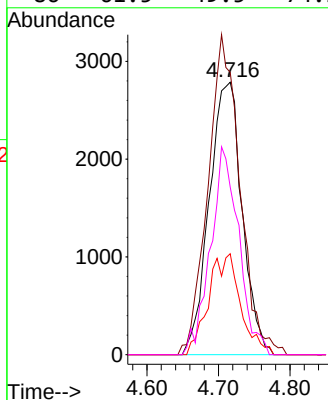
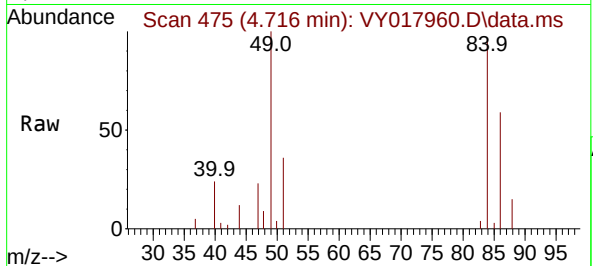




#20
Methylene Chloride
Concen: 51.254 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

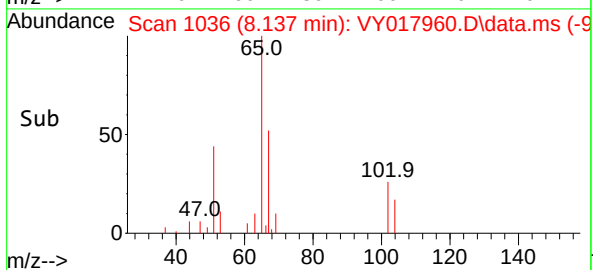
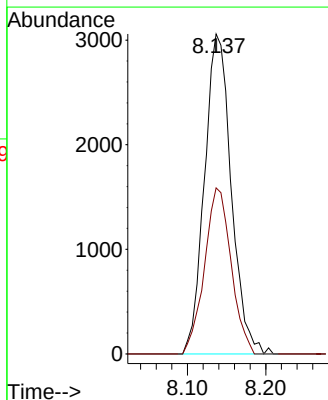
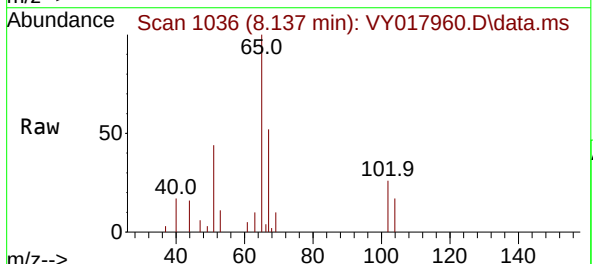
Instrument :
MSVOA_Y
ClientSampleId :
B-131-SB01

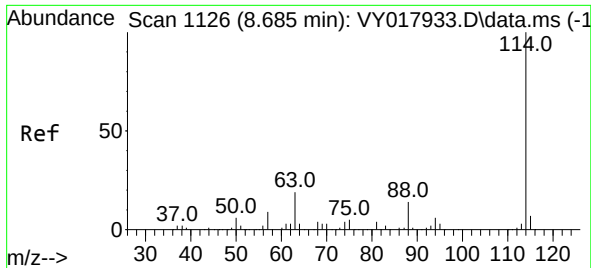
Tgt Ion:	84	Resp:	8900
Ion	Ratio	Lower	Upper
84	100		
49	103.7	84.4	126.6
51	37.1	26.0	39.0
86	61.5	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 55.944 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

Tgt Ion:	65	Resp:	7257
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017960.D

Acq: 17 Apr 2024 14:09

Instrument :

MSVOA_Y

ClientSampleId :

B-131-SB01

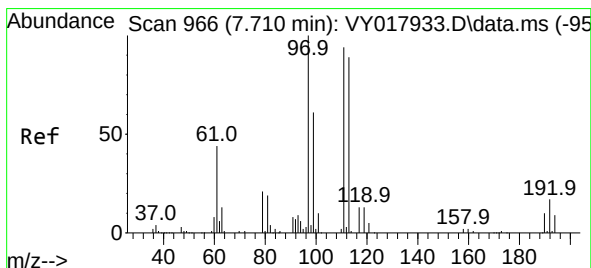
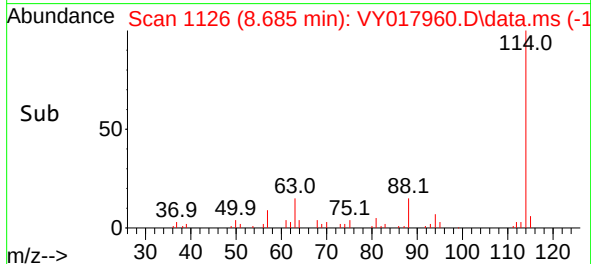
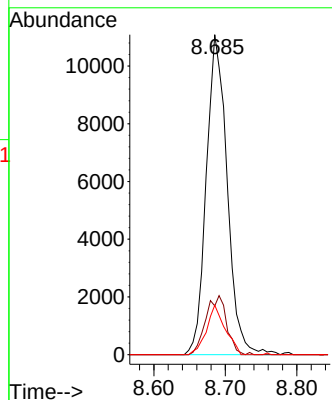
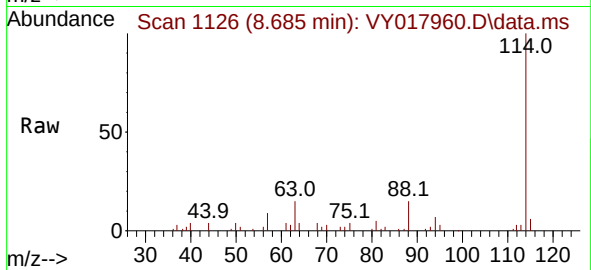
Tgt Ion:114 Resp: 22450

Ion Ratio Lower Upper

114 100

63 15.2 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.407 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY017960.D

Acq: 17 Apr 2024 14:09

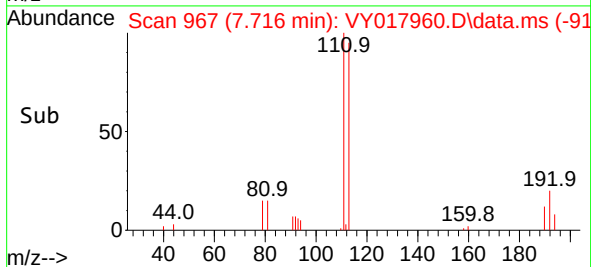
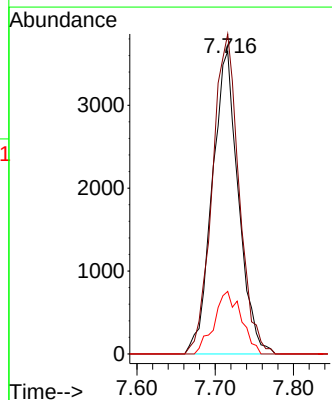
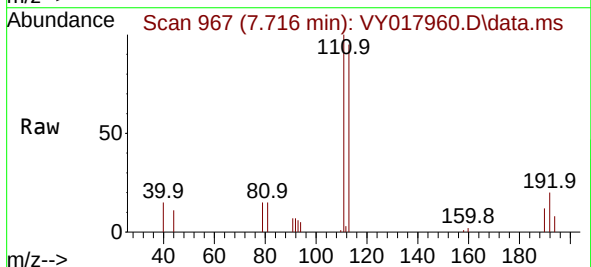
Tgt Ion:113 Resp: 8505

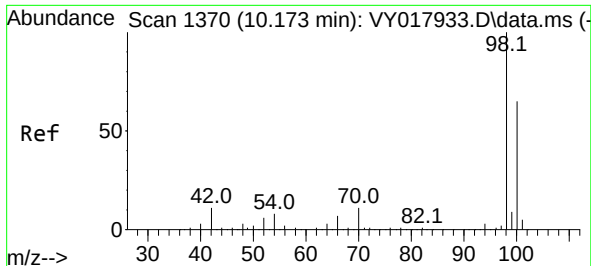
Ion Ratio Lower Upper

113 100

111 107.1 82.2 123.4

192 21.3 15.9 23.9

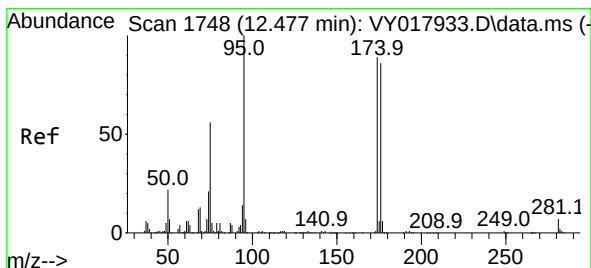
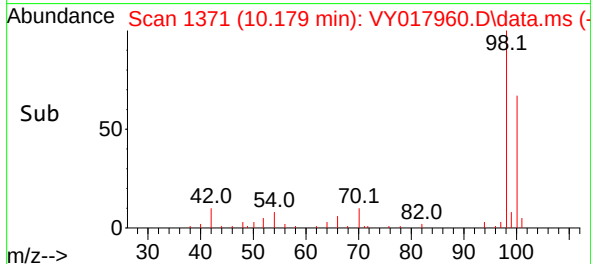
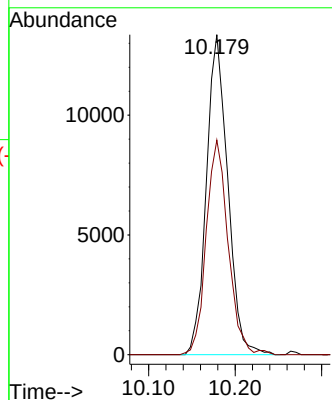
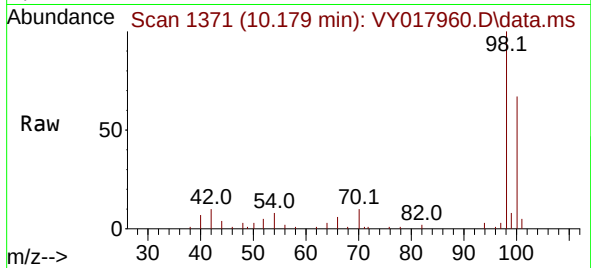




#50
Toluene-d8
Concen: 43.505 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

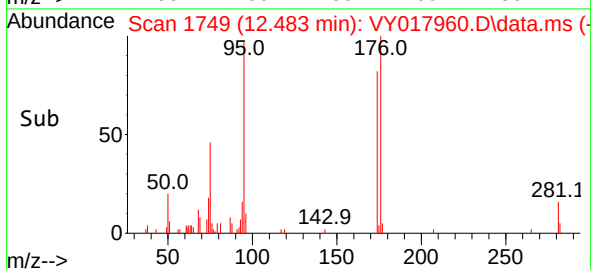
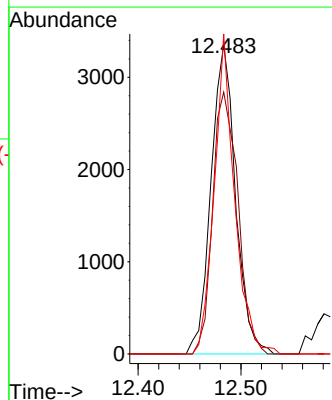
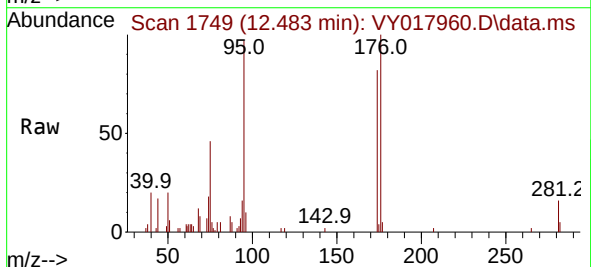
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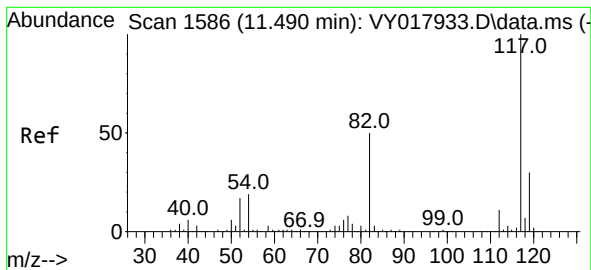
Tgt Ion: 98 Resp: 22864
Ion Ratio Lower Upper
98 100
100 69.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.123 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

Tgt Ion: 95 Resp: 5554
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 85.9 0.0 171.4

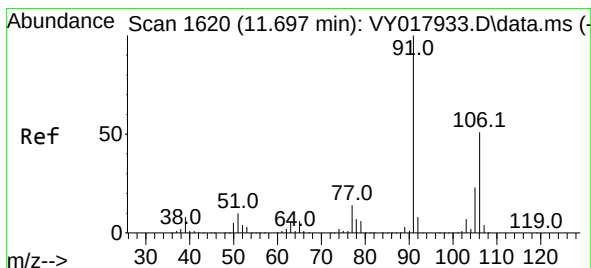
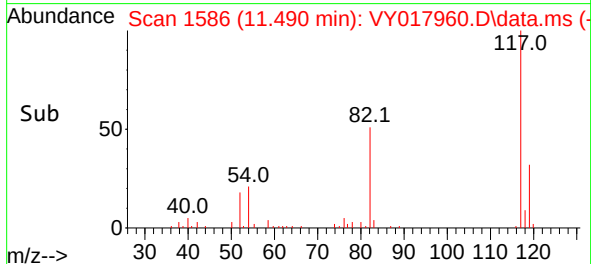
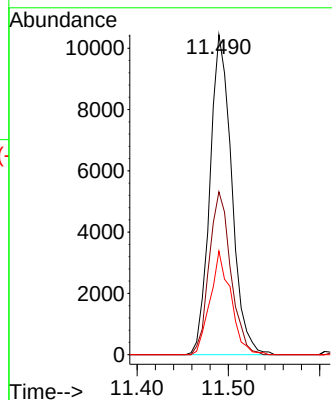
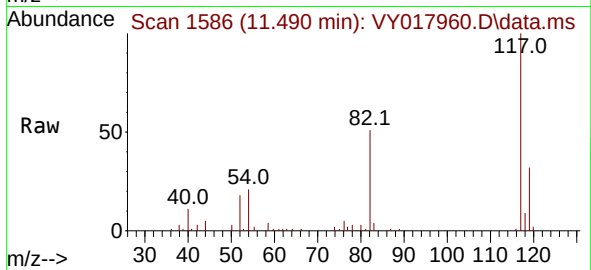




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

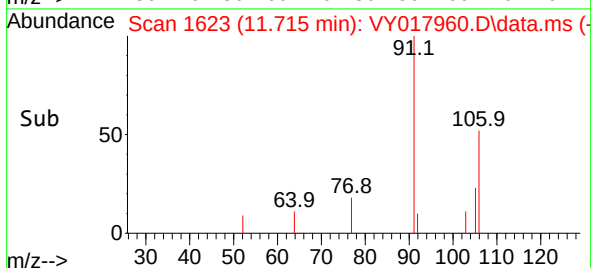
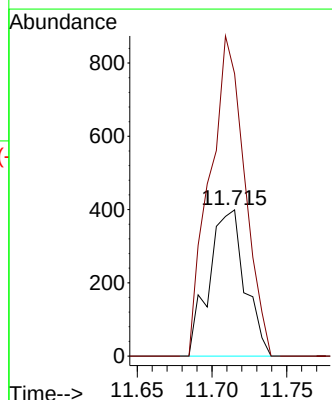
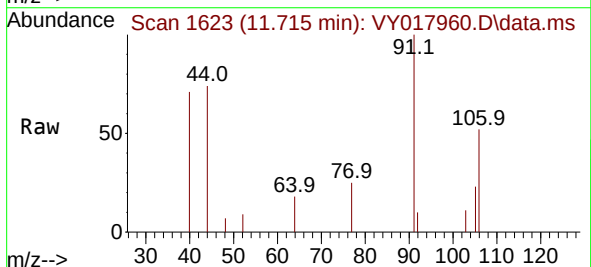
Instrument :
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B-131-SB01

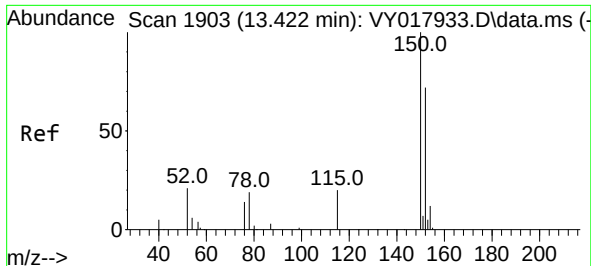
Tgt Ion:117	Resp:	17327
Ion	Ratio	Lower Upper
117	100	
82	50.9	42.4 63.6
119	32.3	25.9 38.9



#68
m/p-Xylenes
Concen: 2.712 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.012 min
Lab File: VY017960.D
Acq: 17 Apr 2024 14:09

Tgt Ion:106	Resp:	666
Ion	Ratio	Lower Upper
106	100	
91	213.1	156.0 234.0

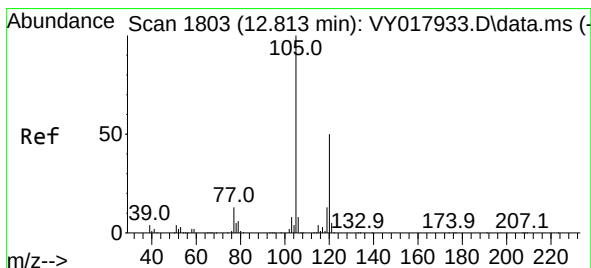
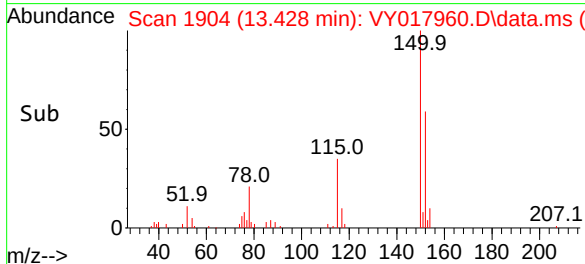
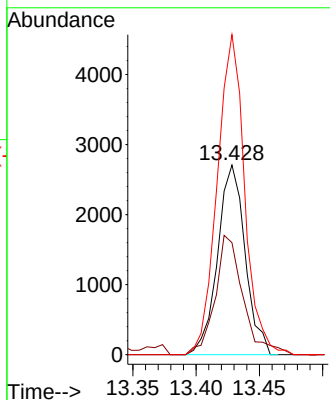
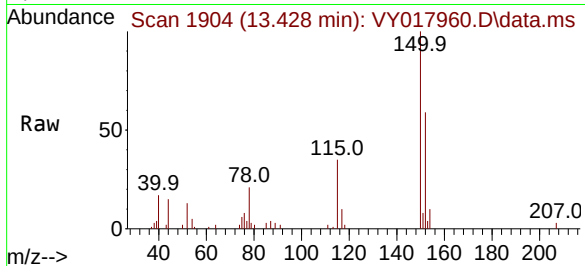




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY017960.D
 Acq: 17 Apr 2024 14:09

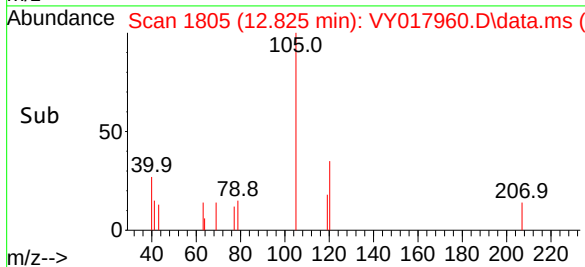
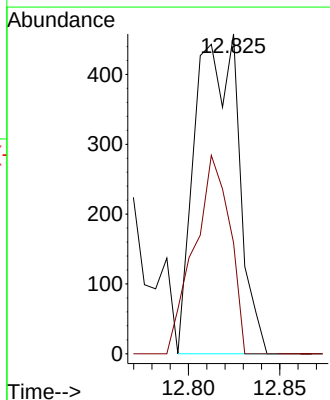
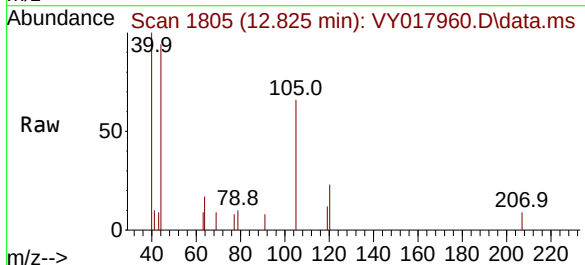
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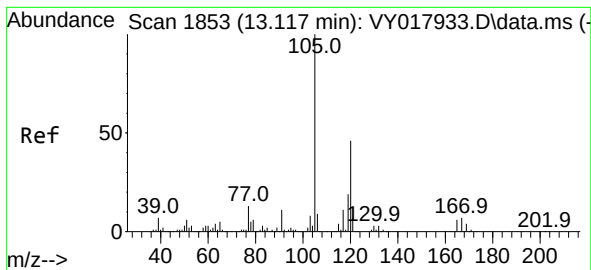
Tgt Ion:152 Resp: 4100
 Ion Ratio Lower Upper
 152 100
 115 63.5 28.2 84.7
 150 167.8 0.0 345.6



#80
 1,3,5-Trimethylbenzene
 Concen: 3.196 ug/l
 RT: 12.825 min Scan# 1805
 Delta R.T. 0.012 min
 Lab File: VY017960.D
 Acq: 17 Apr 2024 14:09

Tgt Ion:105 Resp: 757
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.2





#84
 1,2,4-Trimethylbenzene
 Concen: 3.667 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY017960.D
 Acq: 17 Apr 2024 14:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-131-SB01

Tgt Ion:105 Resp: 865
 Ion Ratio Lower Upper
 105 100
 120 37.7 23.2 69.6

