

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017122.D
 Acq On : 26 Jan 2024 15:35
 Operator : SY/MD
 Sample : P1241-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-05-12424

Quant Time: Jan 29 04:17:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

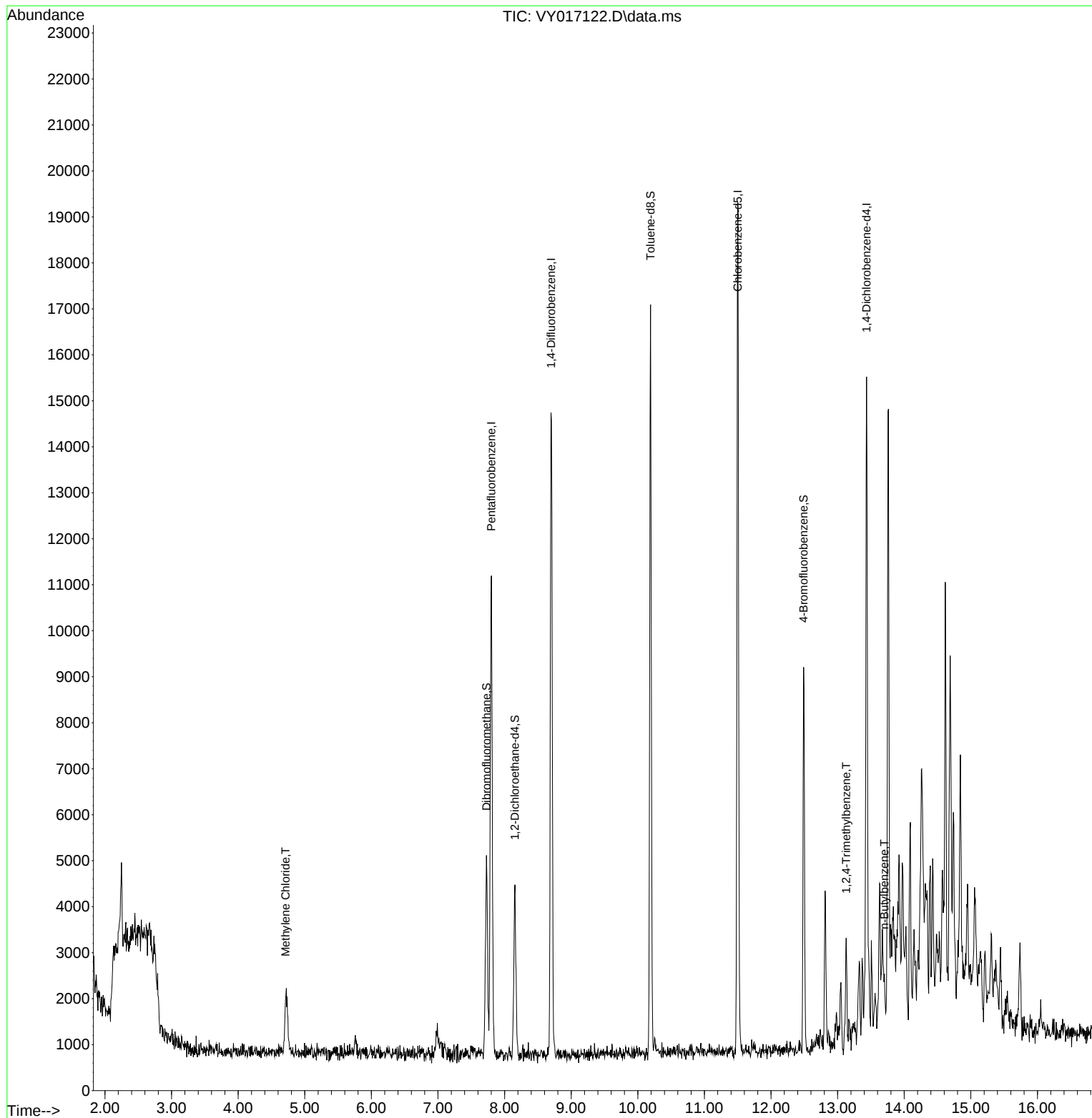
Internal Standards						
1) Pentafluorobenzene	7.801	168	8008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	10661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	3501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2996	38.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.800%
35) Dibromofluoromethane	7.728	113	3137	40.515	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.020%
50) Toluene-d8	10.191	98	10831	37.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.080%
62) 4-Bromofluorobenzene	12.489	95	2620	29.082	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	1052	6.889	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.129	105	1370	6.051	ug/l	91
89) n-Butylbenzene	13.702	91	651	2.777	ug/l #	72

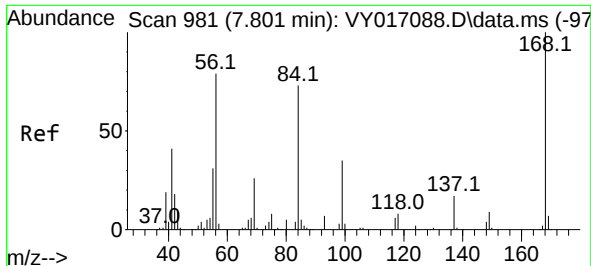
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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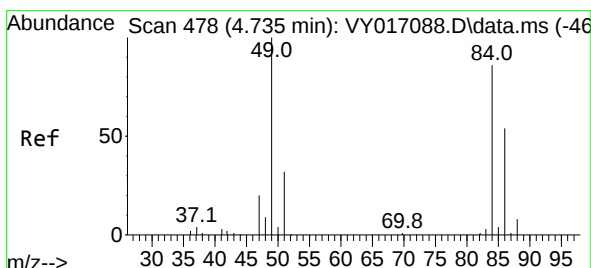
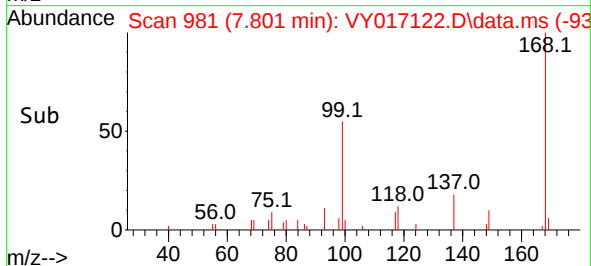
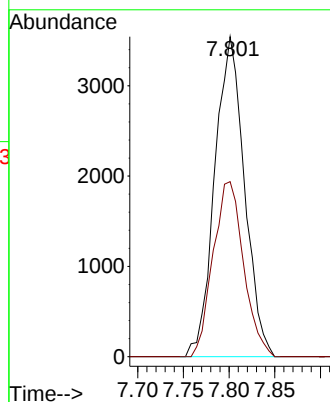
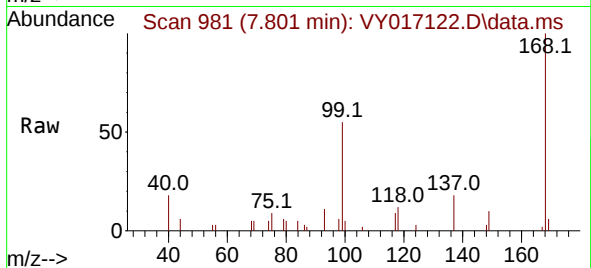




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017122.D
Acq: 26 Jan 2024 15:35

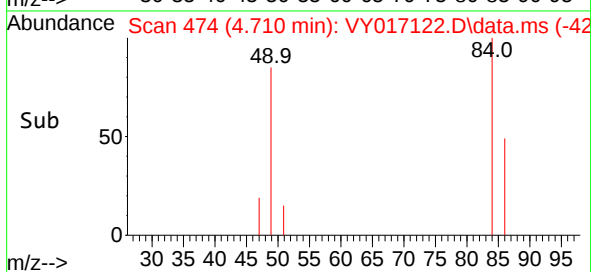
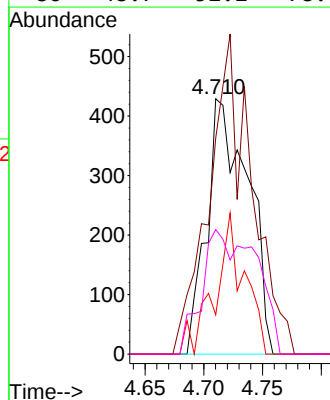
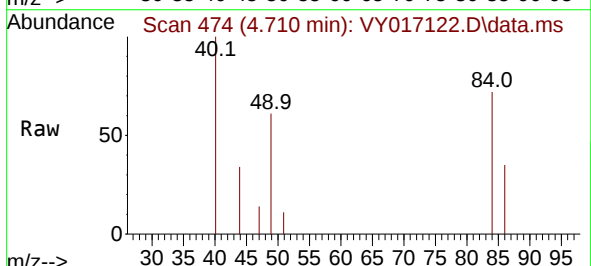
Instrument :
MSVOA_Y
ClientSampleId :
AU-05-12424

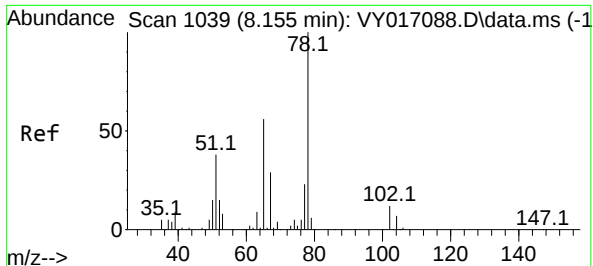
Tgt Ion:168 Resp: 8008
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#20
Methylene Chloride
Concen: 6.889 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.024 min
Lab File: VY017122.D
Acq: 26 Jan 2024 15:35

Tgt Ion: 84 Resp: 1052
Ion Ratio Lower Upper
84 100
49 73.0 95.2 142.8#
51 15.4 29.9 44.9#
86 48.7 52.2 78.4#





#33

1,2-Dichloroethane-d4

Concen: 38.399 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY017122.D

Acq: 26 Jan 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

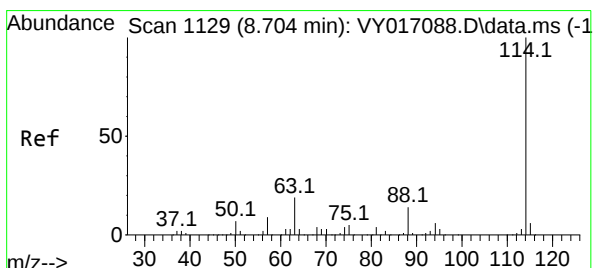
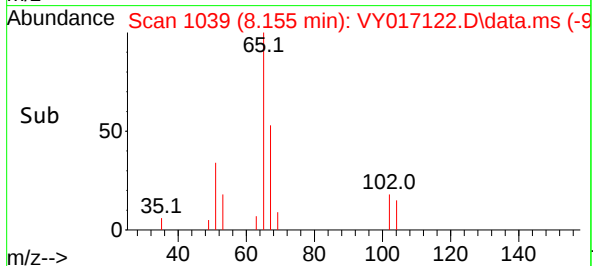
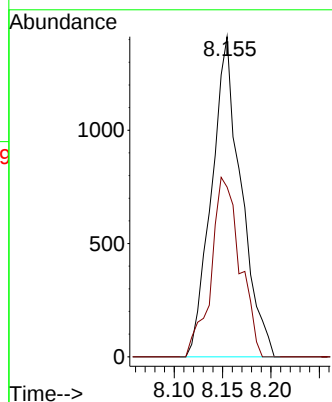
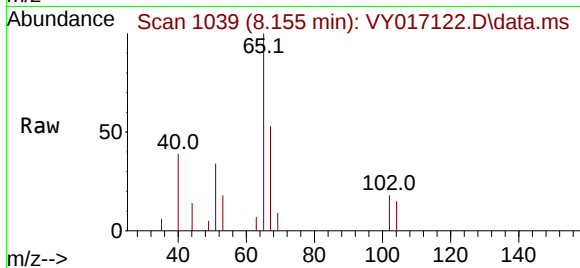
AU-05-12424

Tgt Ion: 65 Resp: 2996

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017122.D

Acq: 26 Jan 2024 15:35

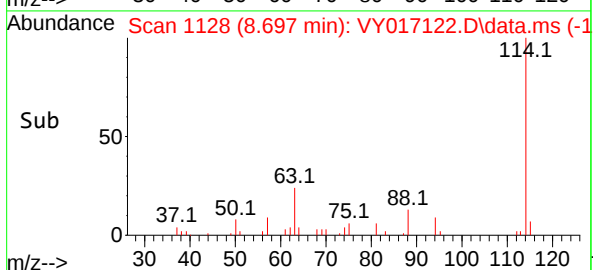
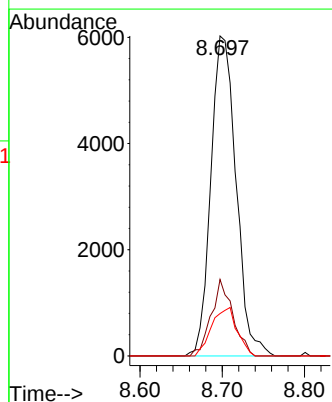
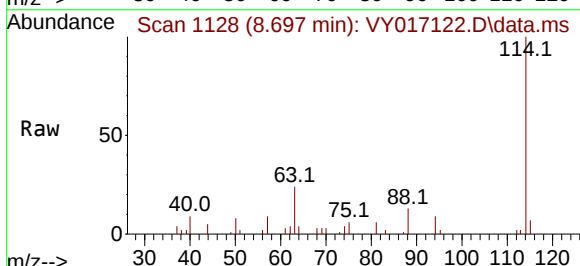
Tgt Ion: 114 Resp: 12829

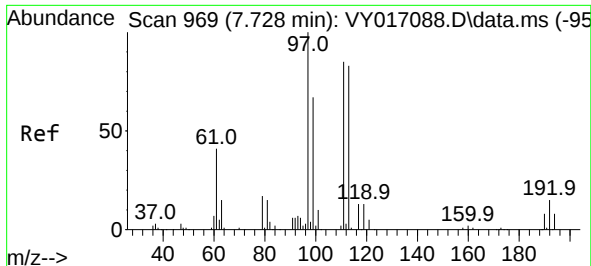
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.4

88 13.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 40.515 ug/l

RT: 7.728 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY017122.D

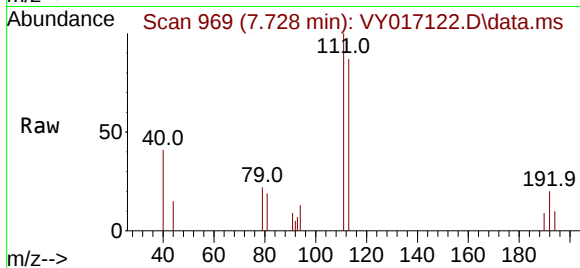
Acq: 26 Jan 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-12424



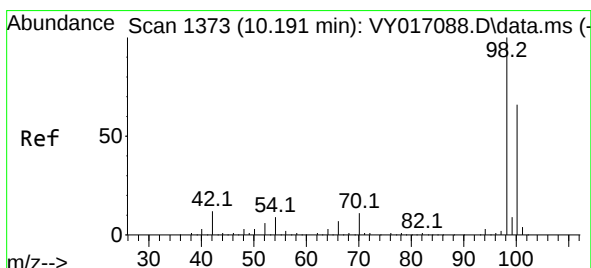
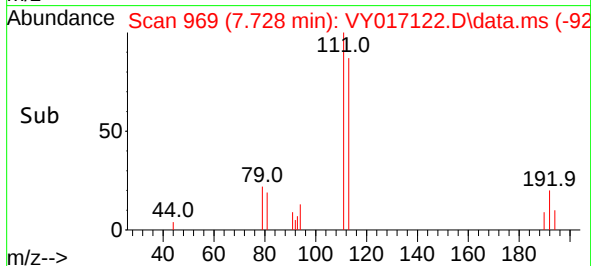
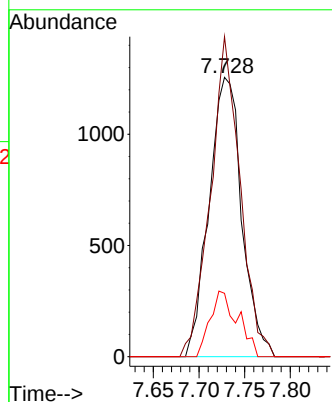
Tgt Ion:113 Resp: 3137

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 19.7 14.5 21.7



#50

Toluene-d8

Concen: 37.036 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY017122.D

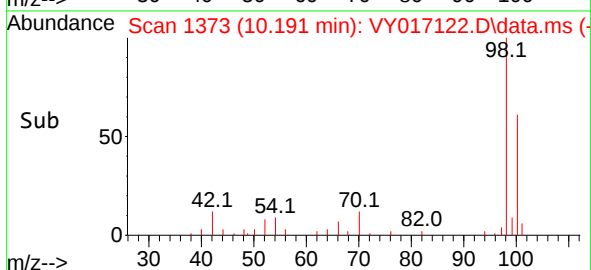
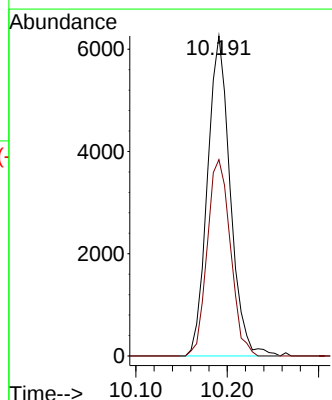
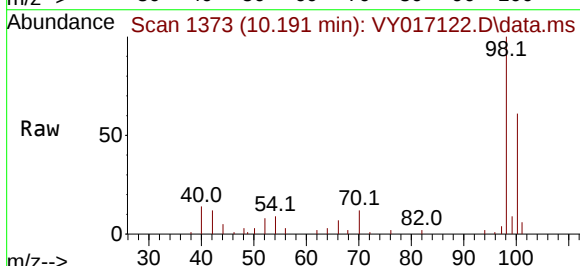
Acq: 26 Jan 2024 15:35

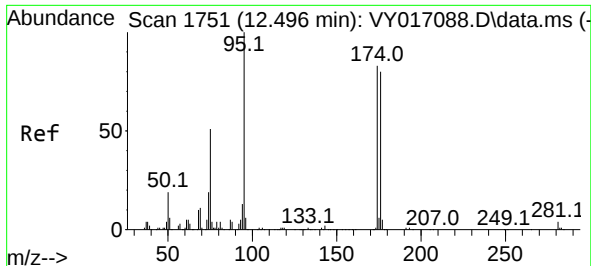
Tgt Ion: 98 Resp: 10831

Ion Ratio Lower Upper

98 100

100 62.4 52.3 78.5

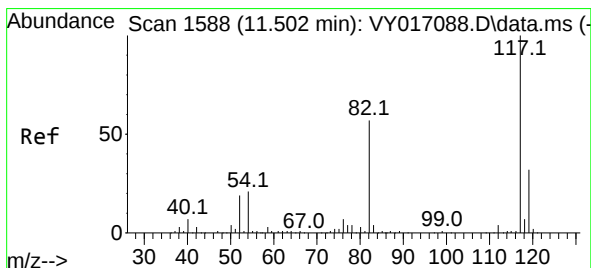
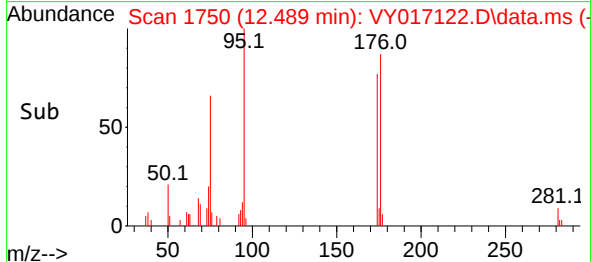
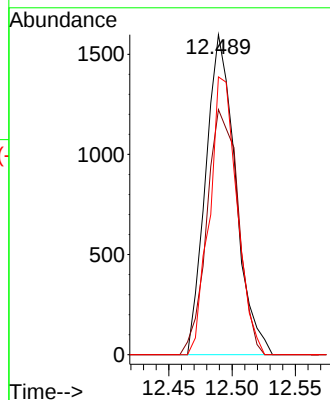
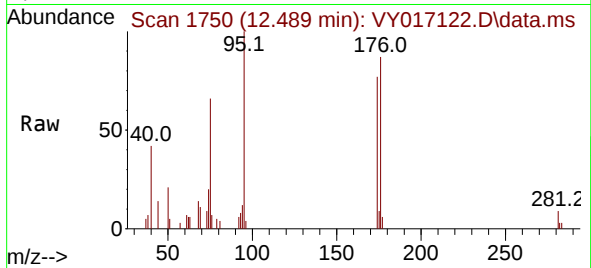




#62
4-Bromofluorobenzene
Concen: 29.082 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017122.D
Acq: 26 Jan 2024 15:35

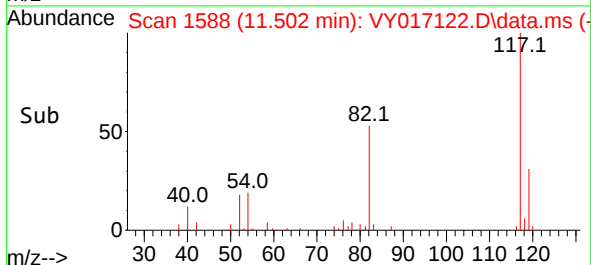
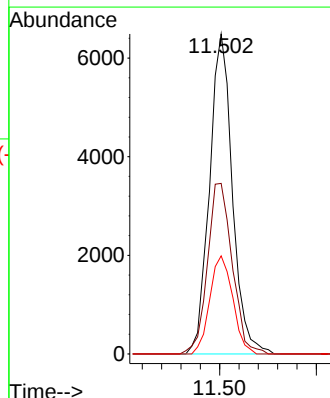
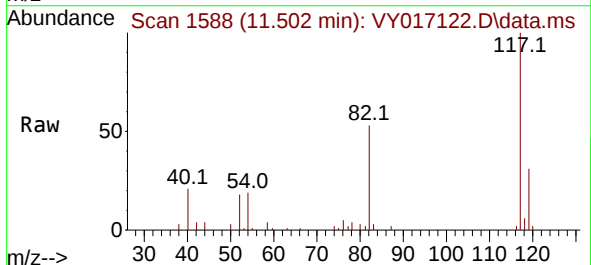
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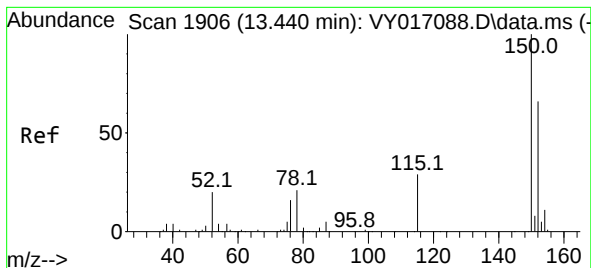
Tgt Ion:	95	Resp:	2620
Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	160.0
176	80.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017122.D
Acq: 26 Jan 2024 15:35

Tgt Ion:	117	Resp:	10661
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	30.6	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY017122.D

Acq: 26 Jan 2024 15:35

Instrument :

MSVOA_Y

ClientSampleId :

AU-05-12424

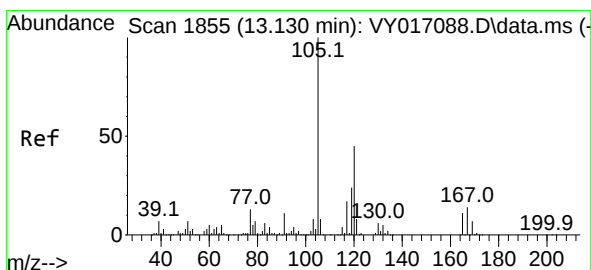
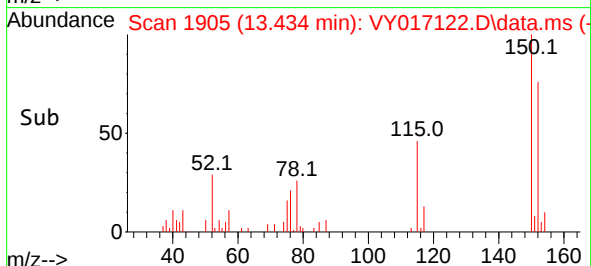
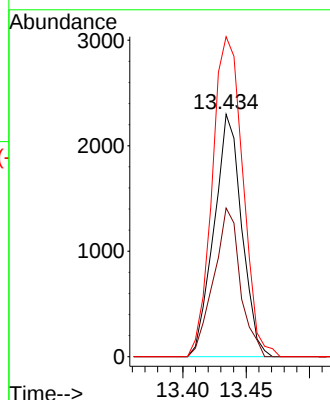
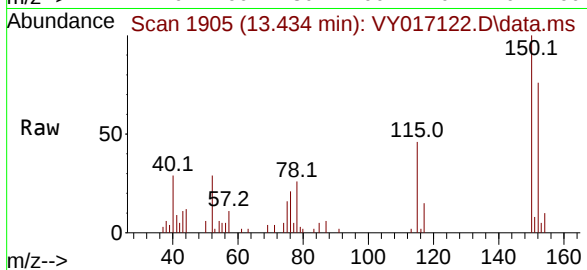
Tgt Ion:152 Resp: 3501

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 145.6 0.0 344.6



#84

1,2,4-Trimethylbenzene

Concen: 6.051 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017122.D

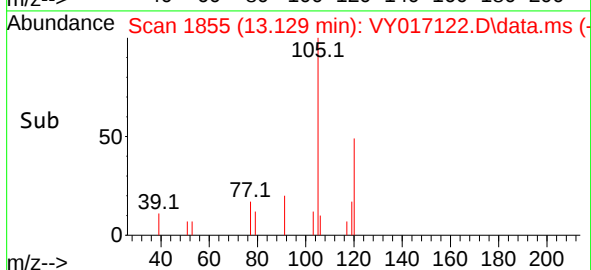
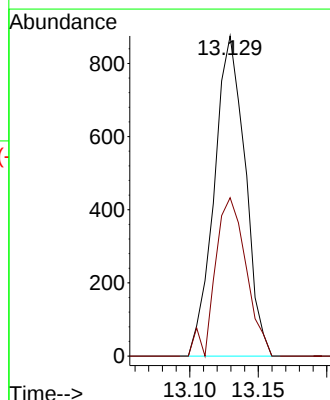
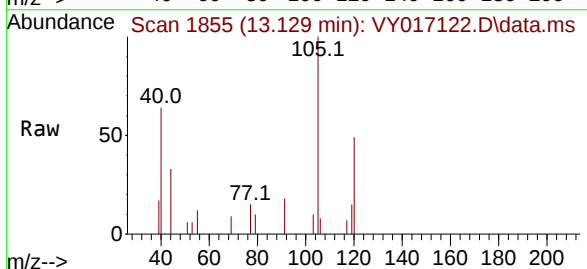
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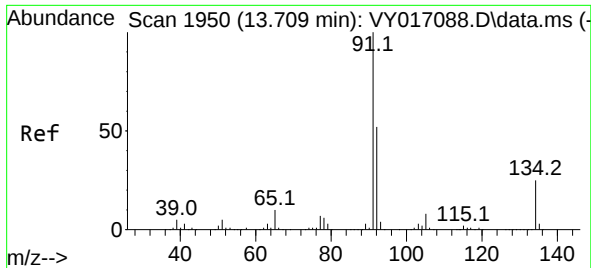
Tgt Ion:105 Resp: 1370

Ion Ratio Lower Upper

105 100

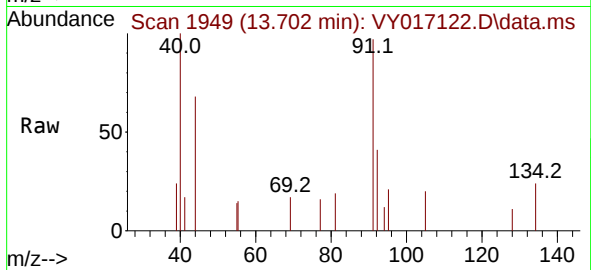
120 49.8 22.1 66.3





#89
 n-Butylbenzene
 Concen: 2.777 ug/l
 RT: 13.702 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VY017122.D
 Acq: 26 Jan 2024 15:35

Instrument :
 MSVOA_Y
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 AU-05-12424



Tgt Ion: 91	Resp: 651
Ion Ratio	Lower Upper
91	100
92	39.8 26.4 79.2
134	0.0 12.3 36.8

