

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016934.D
 Acq On : 08 Jan 2024 14:05
 Operator : SY/MD
 Sample : P1054-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-01052024

Quant Time: Jan 09 06:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

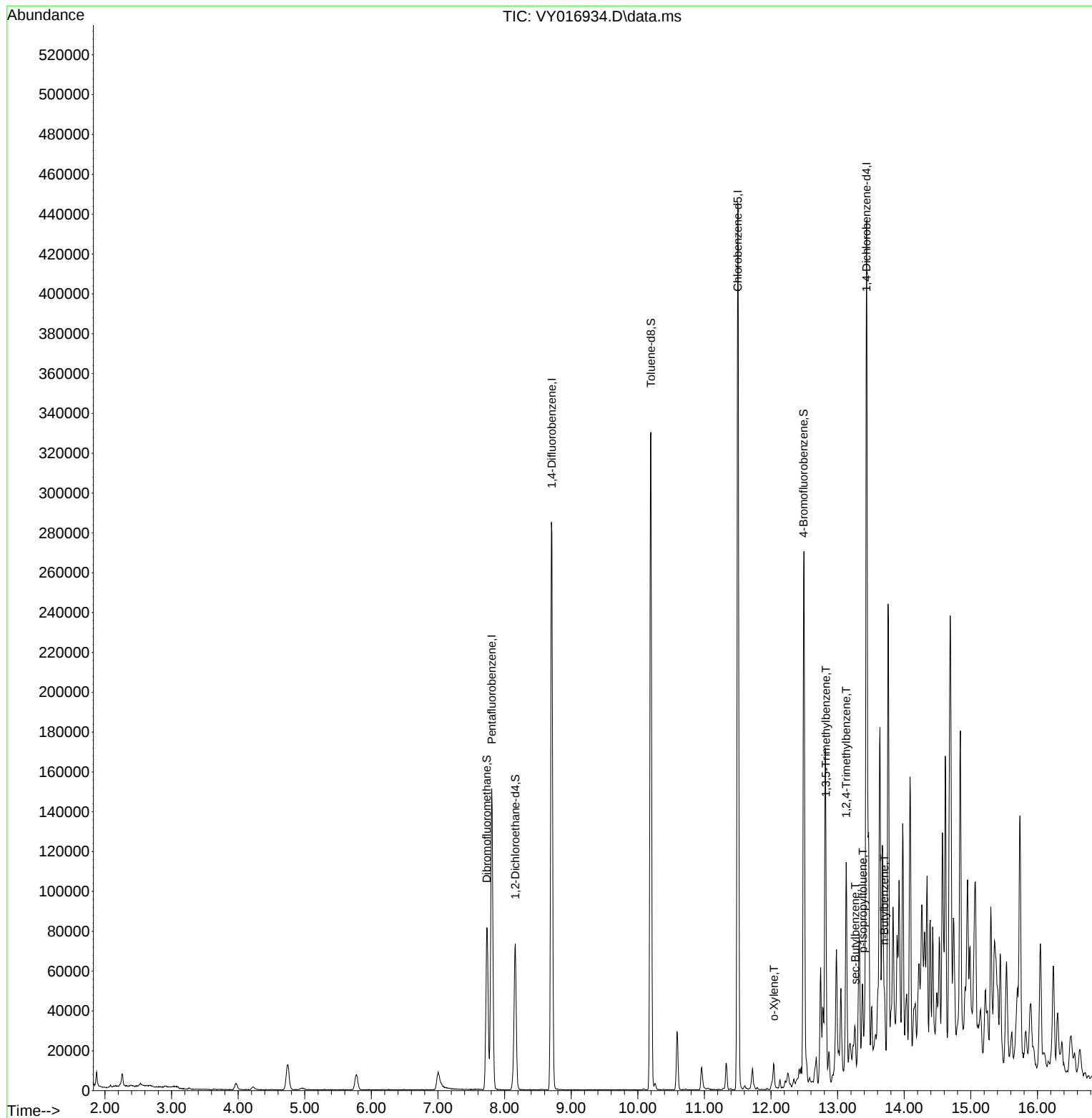
Internal Standards						
1) Pentafluorobenzene	7.807	168	114613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	245501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	239448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	55509	49.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.734	113	59638	38.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.240%
50) Toluene-d8	10.197	98	222151	41.237	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.480%
62) 4-Bromofluorobenzene	12.489	95	76106	41.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.740%
Target Compounds						
					Qvalue	
69) o-Xylene	12.044	106	3206	1.037	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	25893	4.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	54296	8.572	ug/l	98
85) sec-Butylbenzene	13.264	105	9100	1.084	ug/l	95
86) p-Isopropyltoluene	13.379	119	8798	1.270	ug/l	97
89) n-Butylbenzene	13.703	91	11776	1.768	ug/l #	69

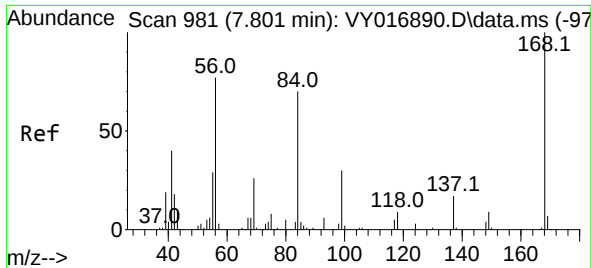
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TR-06-01052024

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Quant Title : SW846 8260
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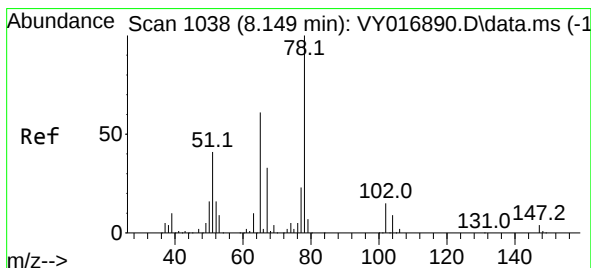
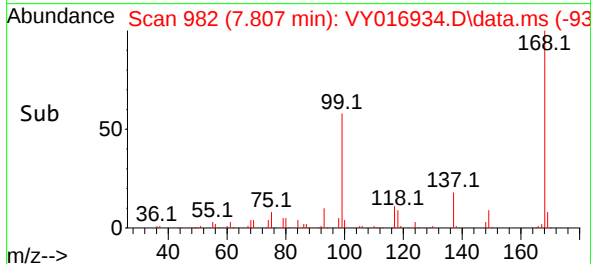
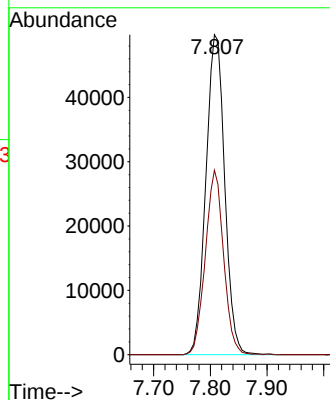
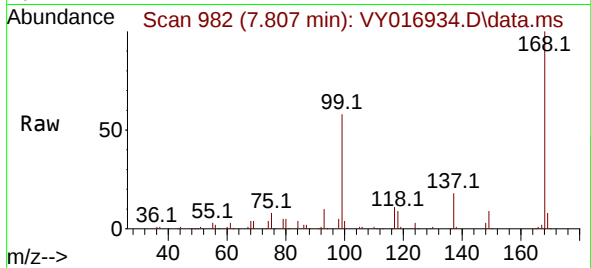




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

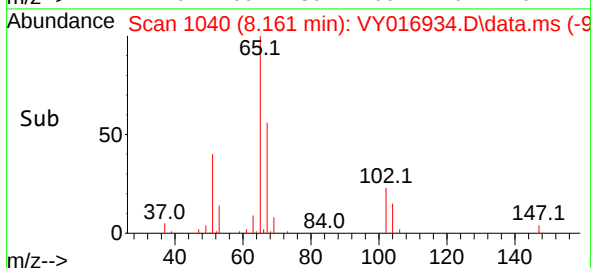
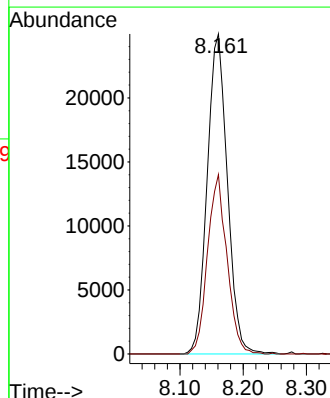
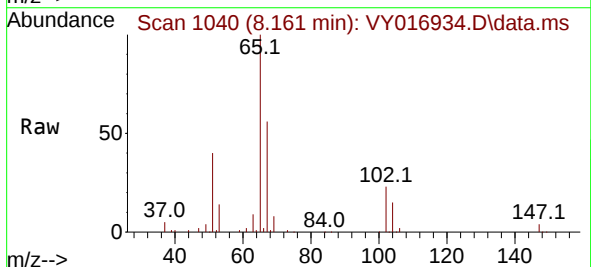
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-01052024

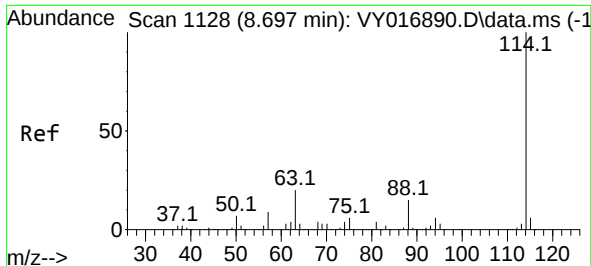
Tgt Ion:168 Resp: 114613
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.002 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

Tgt Ion: 65 Resp: 55509
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016934.D

Acq: 08 Jan 2024 14:05

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-01052024

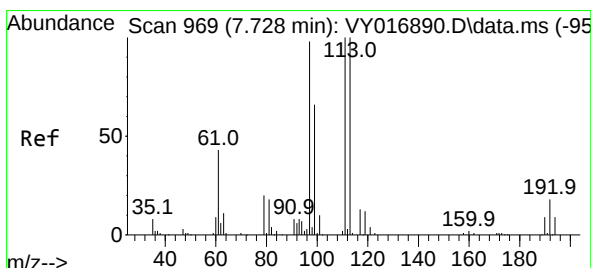
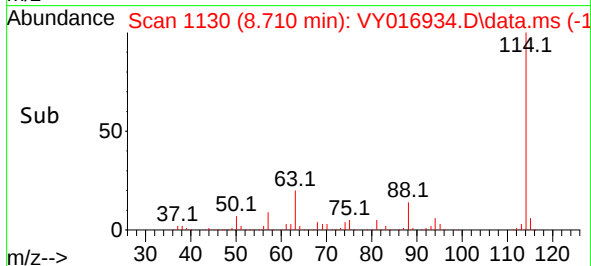
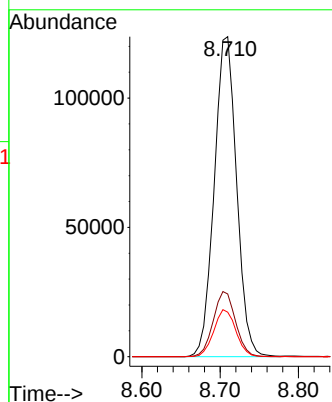
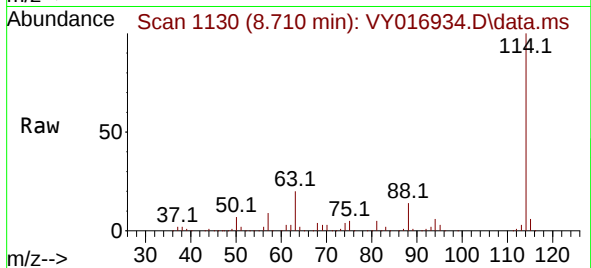
Tgt Ion:114 Resp: 245501

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 13.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.121 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016934.D

Acq: 08 Jan 2024 14:05

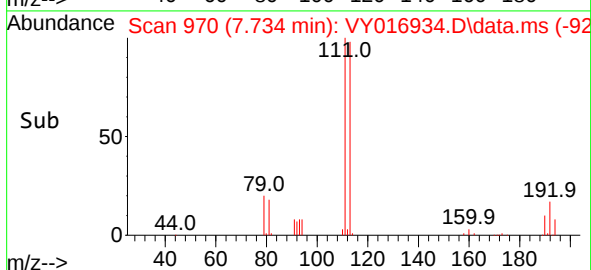
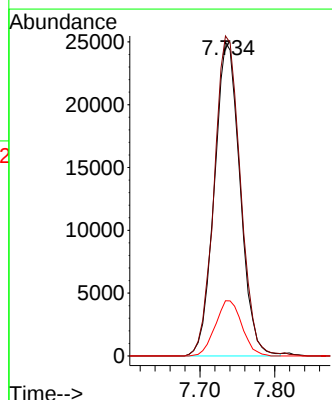
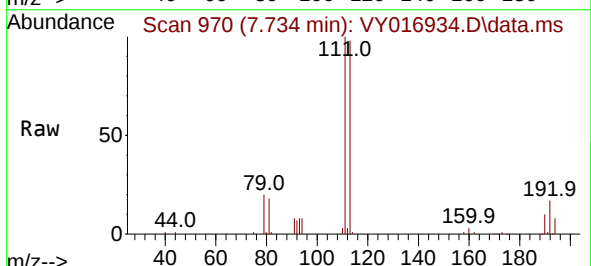
Tgt Ion:113 Resp: 59638

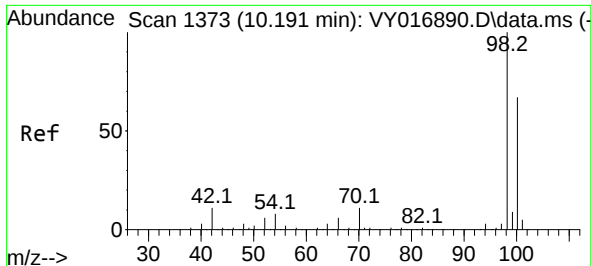
Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 18.3 14.5 21.7

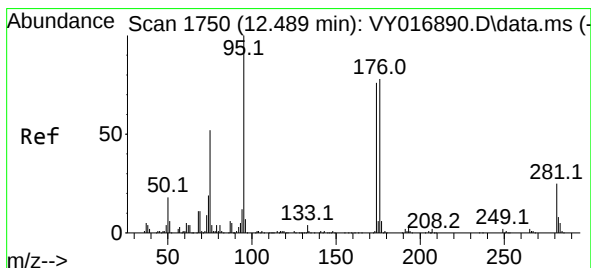
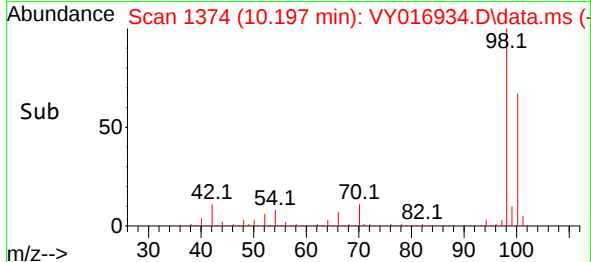
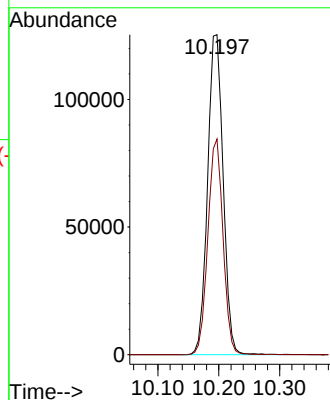
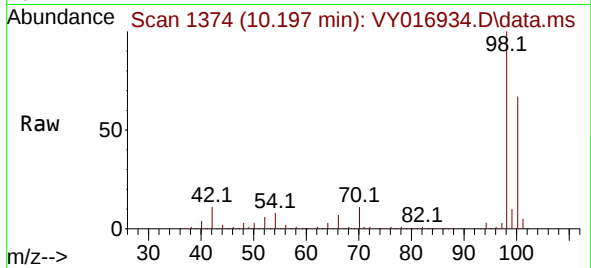




#50
Toluene-d8
Concen: 41.237 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

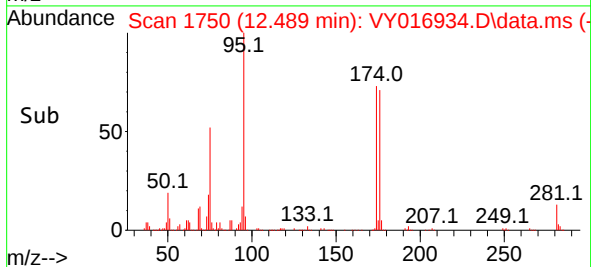
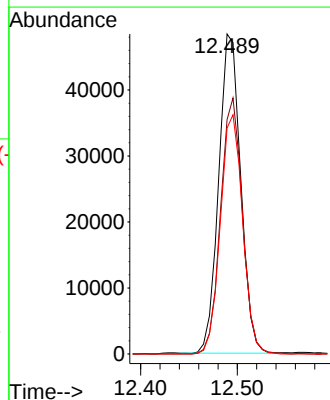
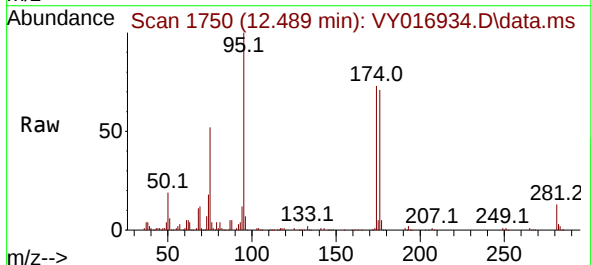
Instrument :
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TR-06-01052024

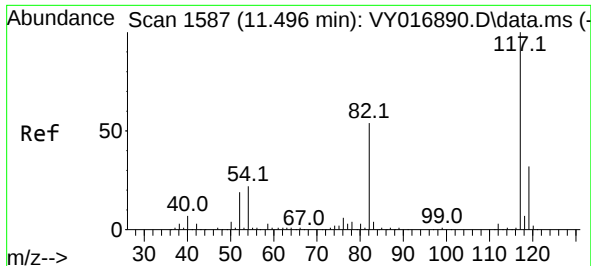
Tgt Ion: 98 Resp: 222151
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 41.873 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

Tgt Ion: 95 Resp: 76106
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 76.0 0.0 151.8

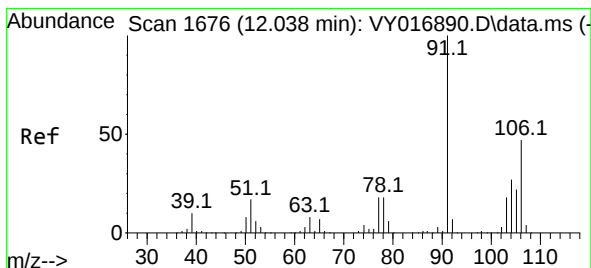
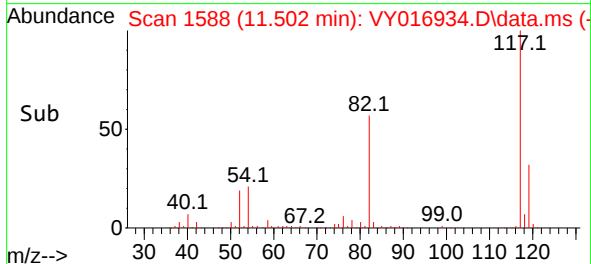
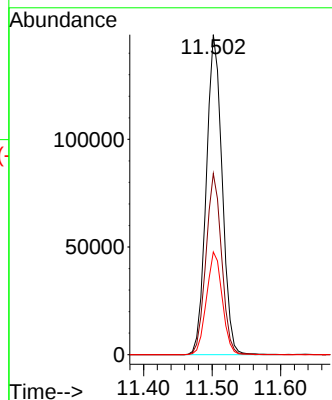
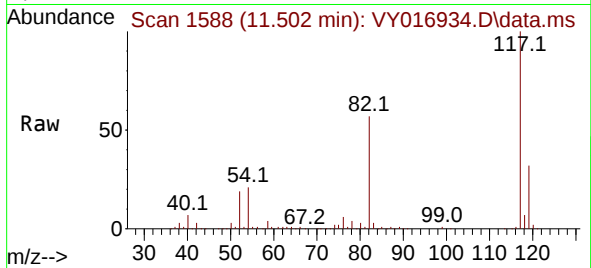




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

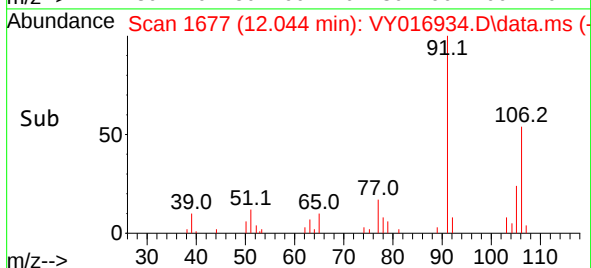
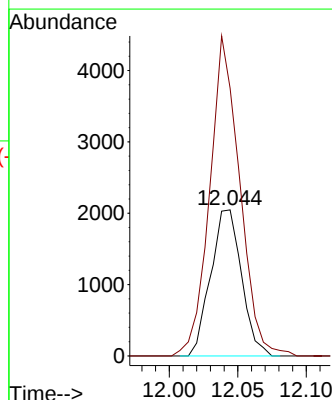
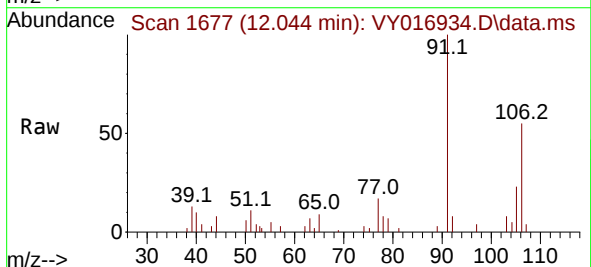
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-01052024

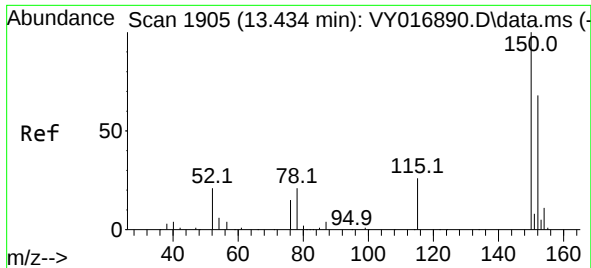
Tgt Ion:117 Resp: 239448
Ion Ratio Lower Upper
117 100
82 56.6 43.8 65.8
119 32.1 26.5 39.7



#69
o-Xylene
Concen: 1.037 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

Tgt Ion:106 Resp: 3206
Ion Ratio Lower Upper
106 100
91 213.0 106.5 319.5

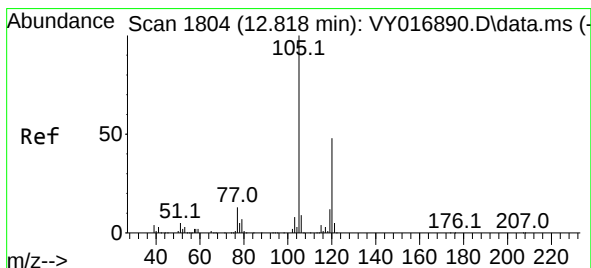
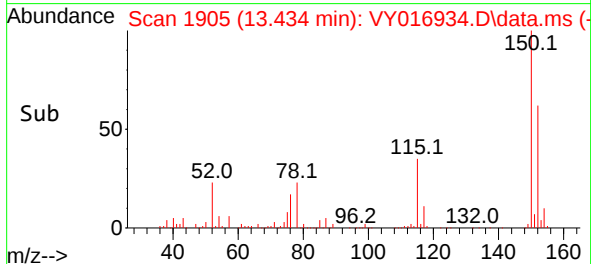
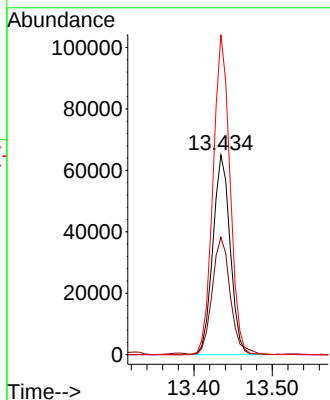
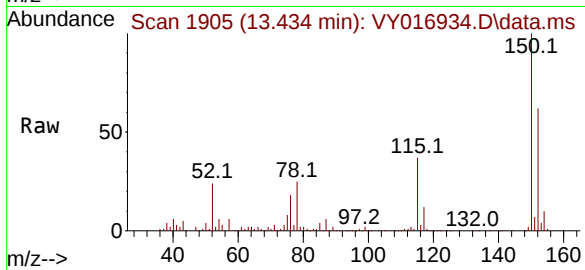




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

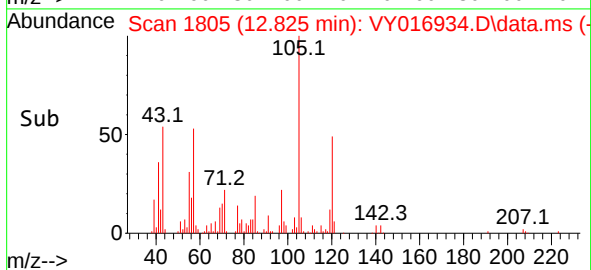
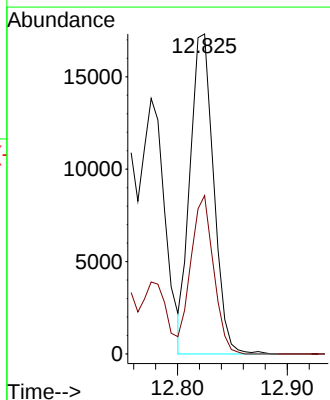
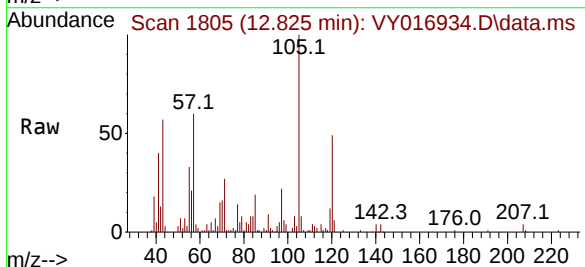
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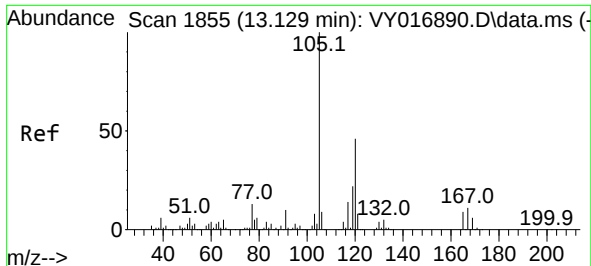
Tgt Ion:152 Resp: 99592
Ion Ratio Lower Upper
152 100
115 61.5 30.0 90.0
150 157.1 0.0 344.6



#80
1,3,5-Trimethylbenzene
Concen: 4.026 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

Tgt Ion:105 Resp: 25893
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8

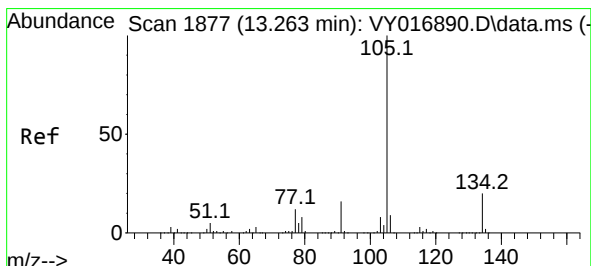
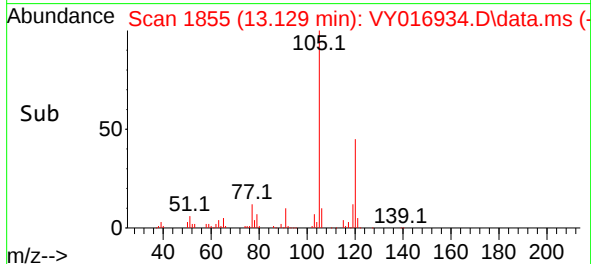
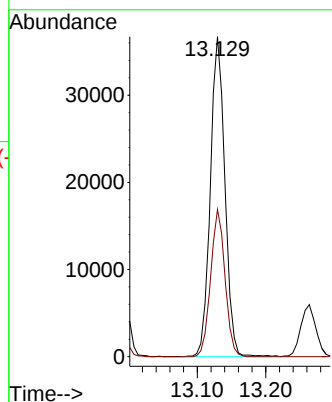
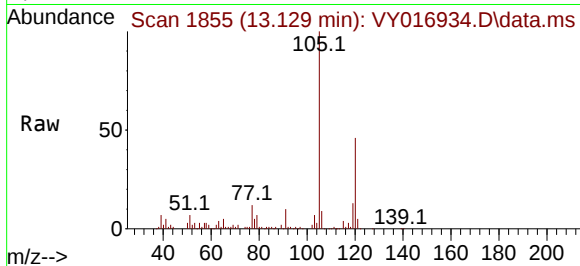




#84
1,2,4-Trimethylbenzene
Concen: 8.572 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

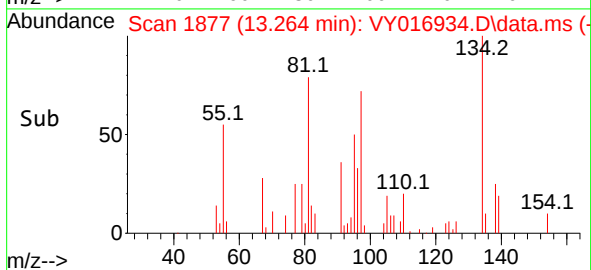
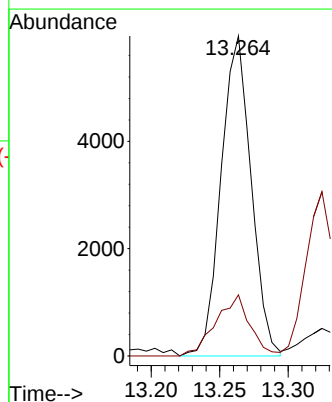
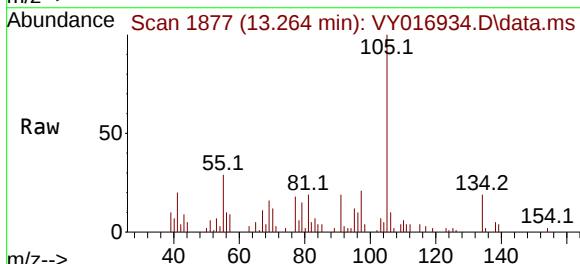
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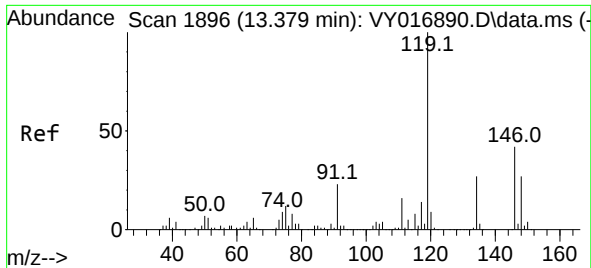
Tgt Ion:105 Resp: 54296
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.3



#85
sec-Butylbenzene
Concen: 1.084 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.001 min
Lab File: VY016934.D
Acq: 08 Jan 2024 14:05

Tgt Ion:105 Resp: 9100
Ion Ratio Lower Upper
105 100
134 21.7 9.7 28.9

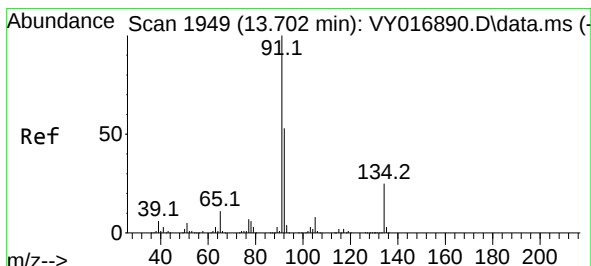
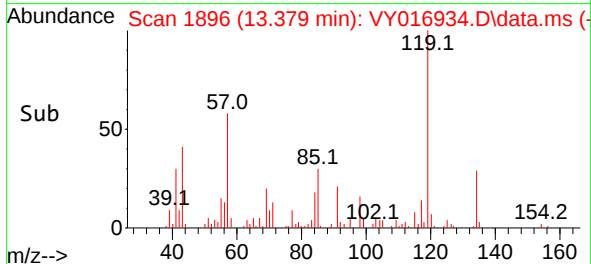
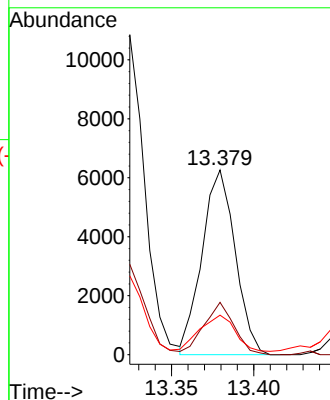
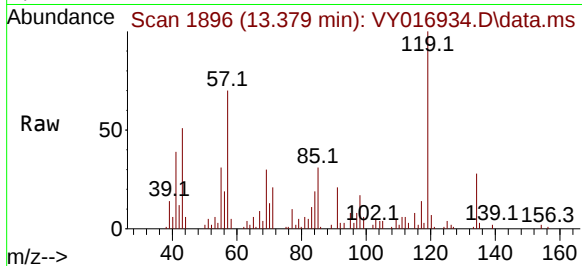




#86
 p-Isopropyltoluene
 Concen: 1.270 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016934.D
 Acq: 08 Jan 2024 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-01052024

Tgt Ion:	119	Resp:	8798
Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	20.7	11.7	35.0



#89
 n-Butylbenzene
 Concen: 1.768 ug/l
 RT: 13.703 min Scan# 1949
 Delta R.T. 0.001 min
 Lab File: VY016934.D
 Acq: 08 Jan 2024 14:05

Tgt Ion:	91	Resp:	11776
Ion	Ratio	Lower	Upper
91	100		
92	68.7	26.4	79.2
134	0.0	12.3	36.8

