

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004272.D
 Acq On : 02 Apr 2021 18:54
 Operator : SY/MD
 Sample : M1908-02
 Misc : 7.16g/5mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(2-2.5)

Quant Time: Apr 02 23:04:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

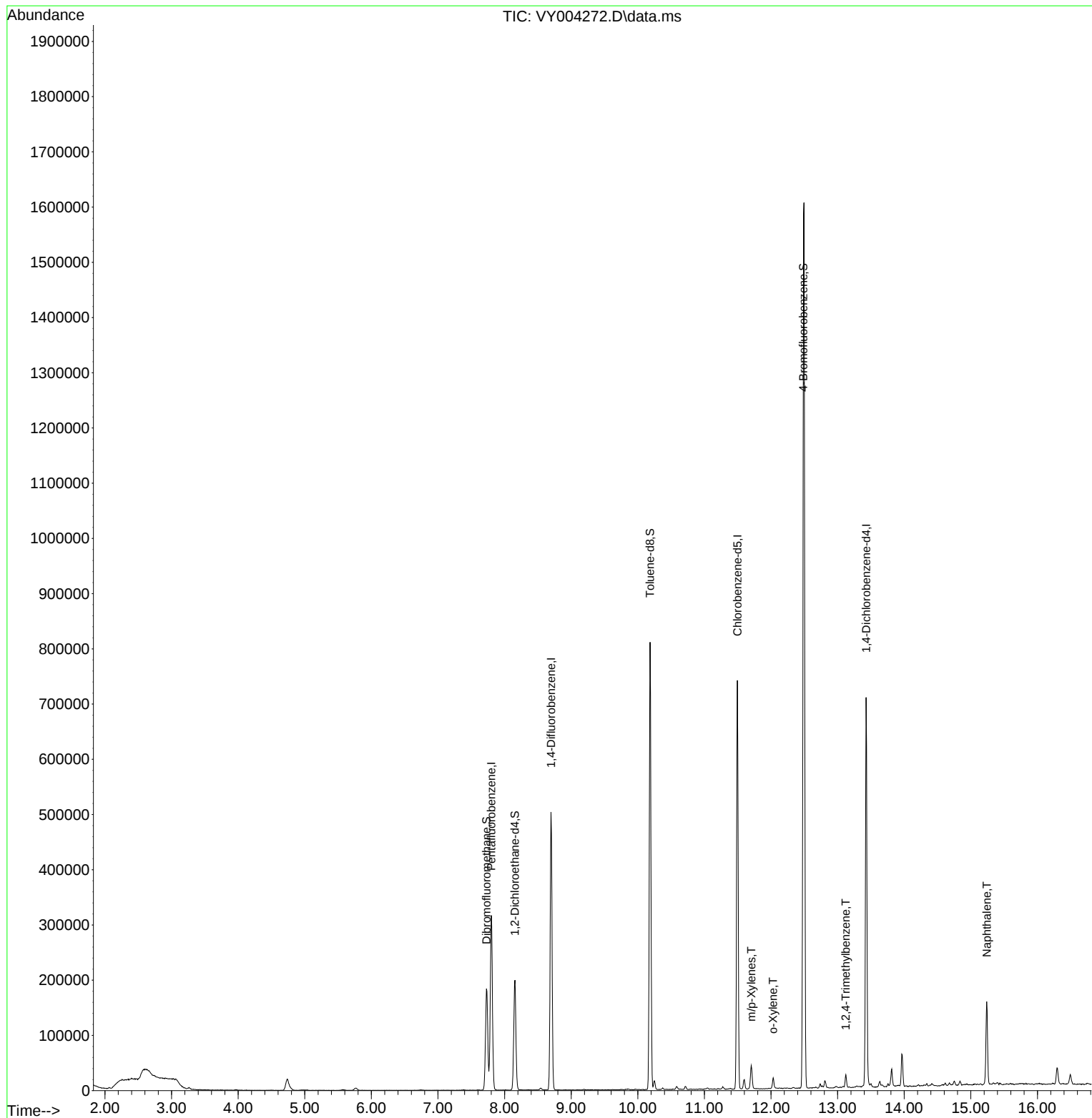
Internal Standards						
1) Pentafluorobenzene	7.801	168	242587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	417823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	384971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	152246	65.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.56%
35) Dibromofluoromethane	7.728	113	127910	54.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.88%
50) Toluene-d8	10.185	98	511638	58.43	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.86%
62) 4-Bromofluorobenzene	12.483	95	177024	58.99	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.98%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.703	106	11546	2.16	ug/l	97
69) o-Xylene	12.032	106	5197	1.04	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	12135	1.19	ug/l	98
95) Naphthalene	15.239	128	121996	16.51	ug/l	99

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

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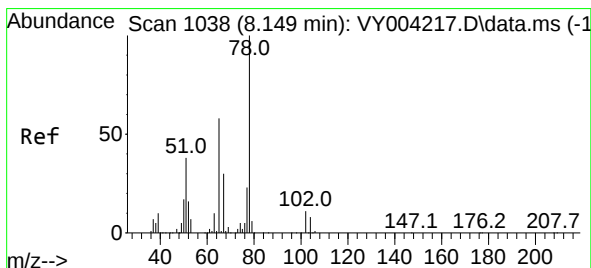
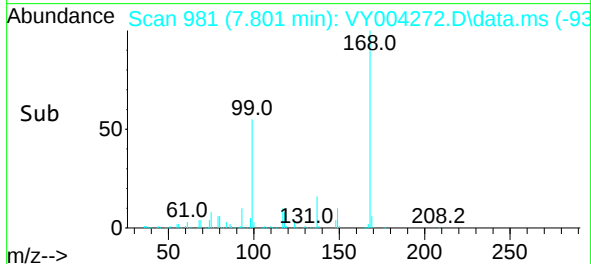
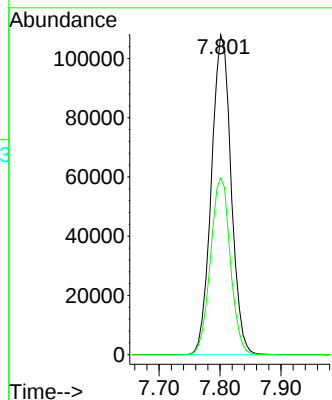
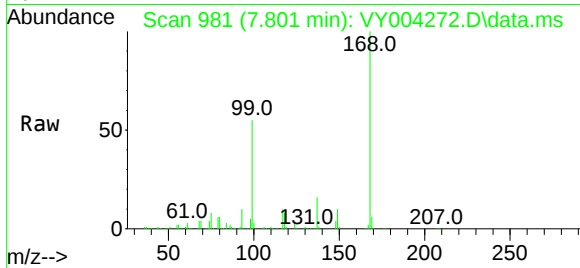




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

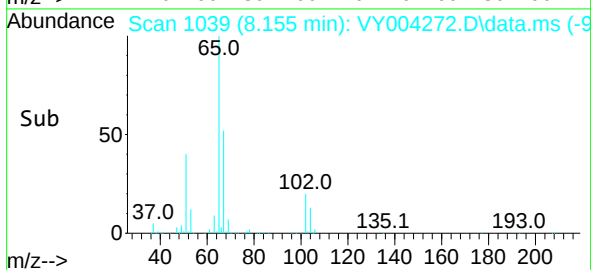
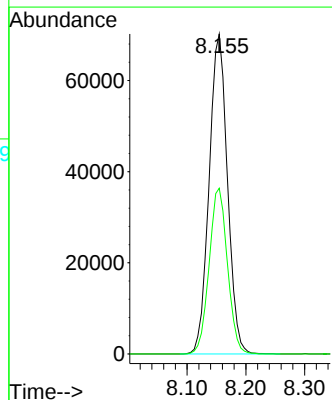
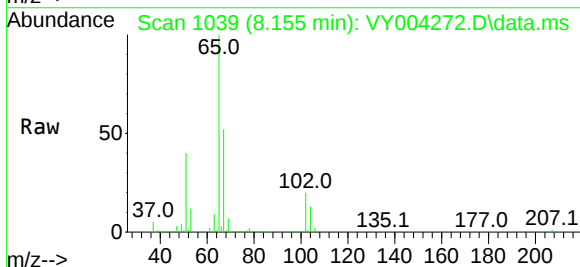
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(2-2.5)

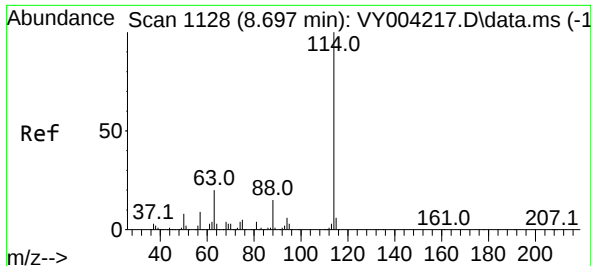
Tgt Ion:168 Resp: 242587
Ion Ratio Lower Upper
168 100
99 55.1 42.6 64.0



#33
1,2-Dichloroethane-d4
Concen: 65.28 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

Tgt Ion: 65 Resp: 152246
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2

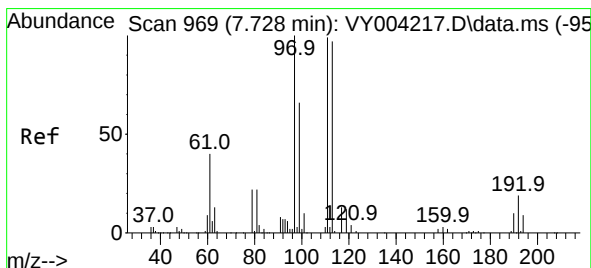
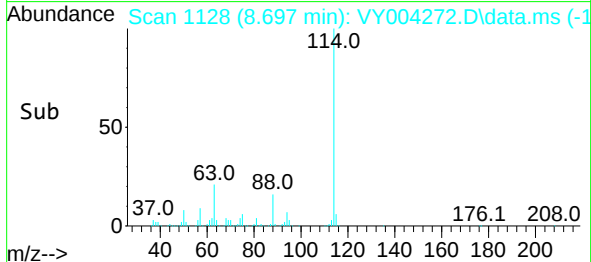
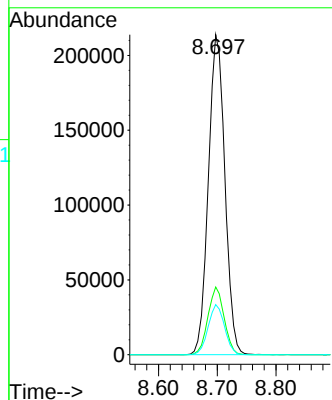
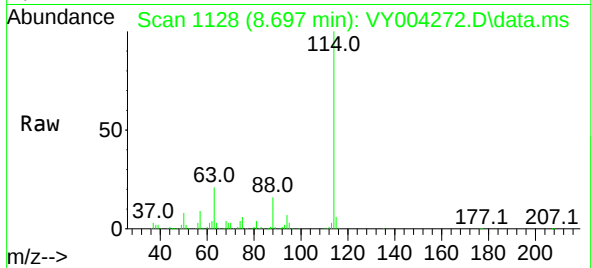




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

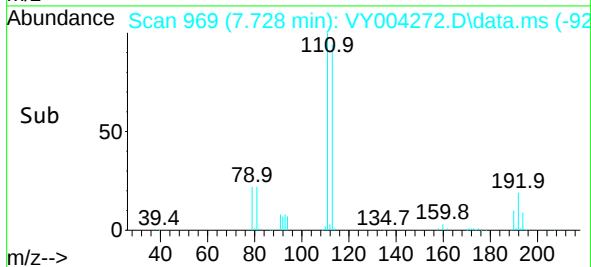
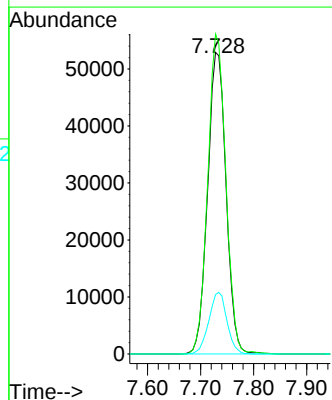
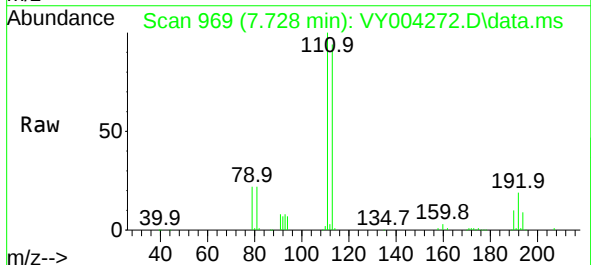
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(2-2.5)

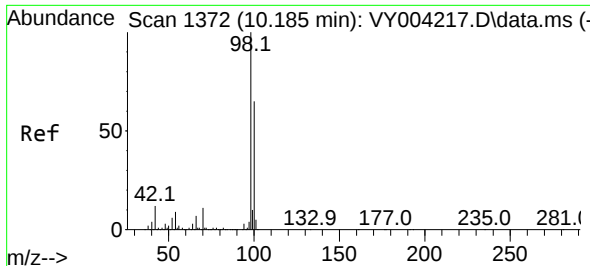
Tgt Ion:	114	Resp:	417823
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.4
88	15.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.94 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

Tgt Ion:	113	Resp:	127910
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	20.0	16.4	24.6

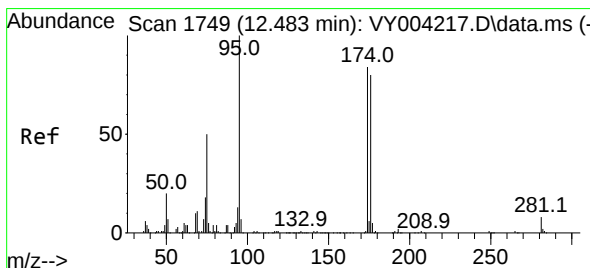
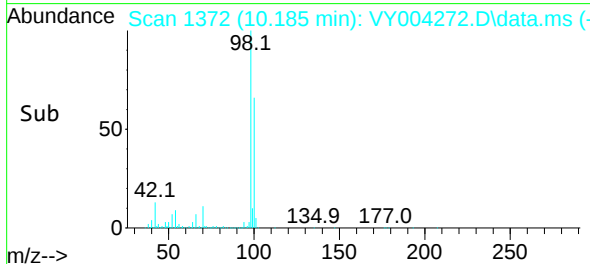
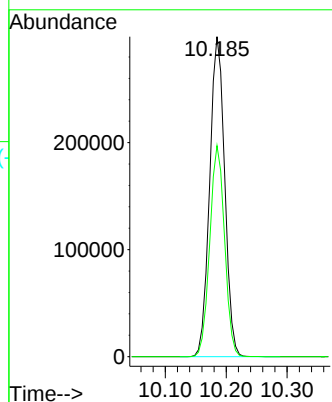
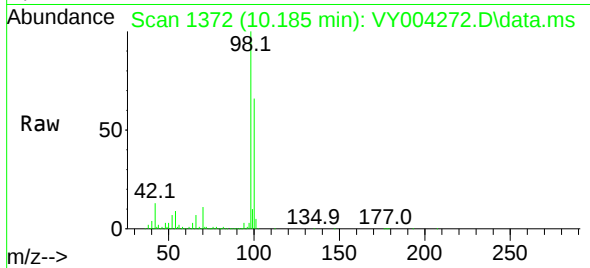




#50
Toluene-d8
Concen: 58.43 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

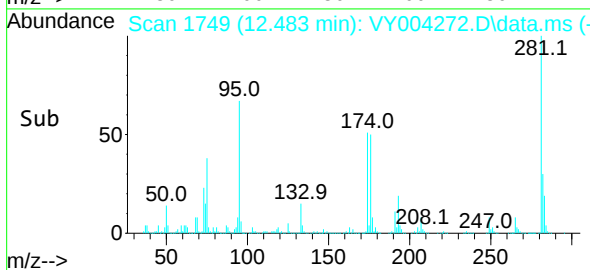
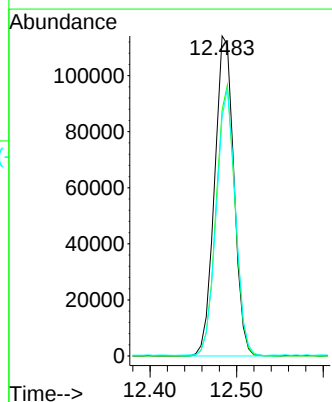
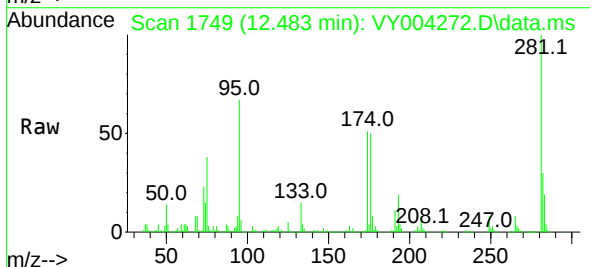
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(2-2.5)

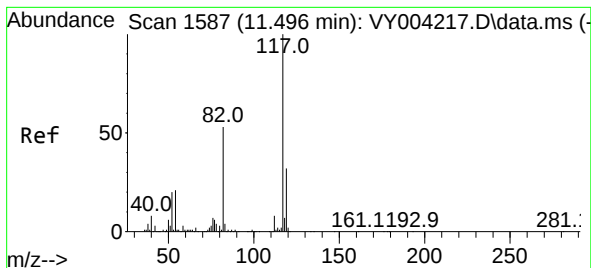
Tgt Ion: 98 Resp: 511638
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 58.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

Tgt Ion: 95 Resp: 177024
Ion Ratio Lower Upper
95 100
174 82.7 0.0 171.4
176 81.9 0.0 165.6

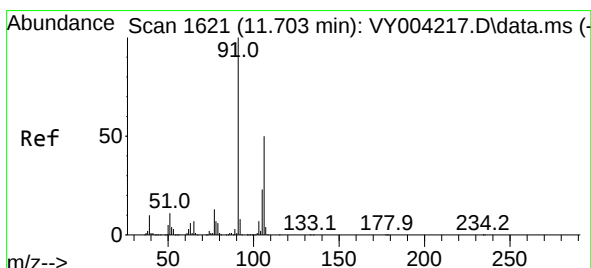
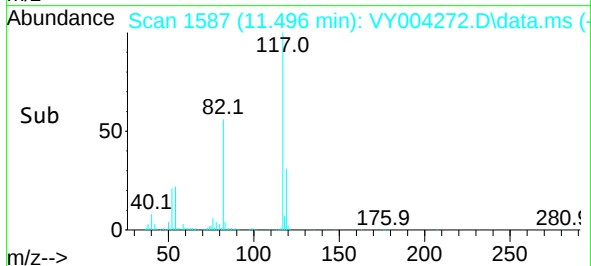
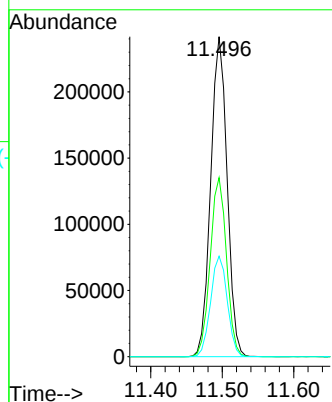
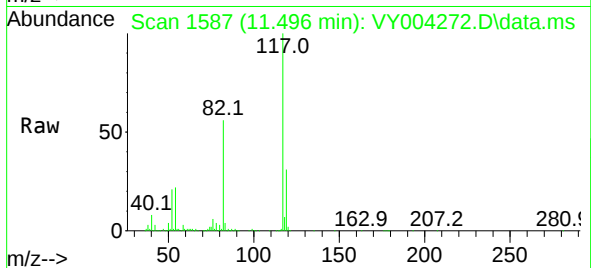




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

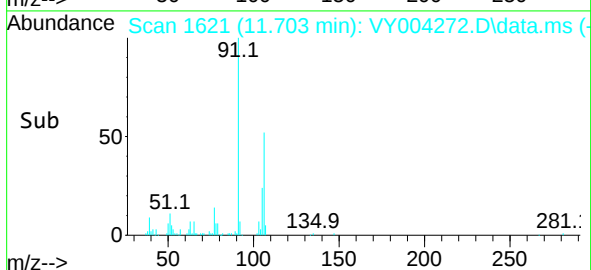
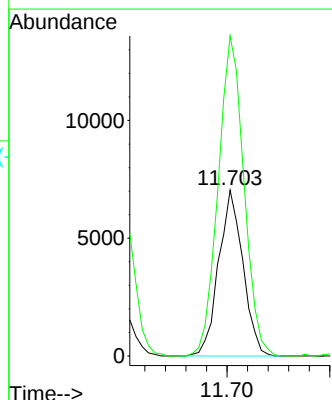
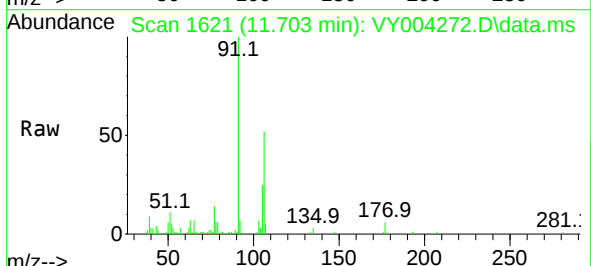
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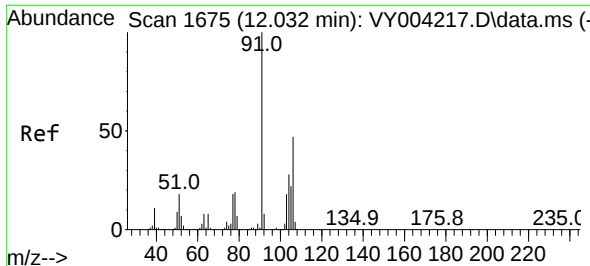
Tgt Ion:	117	Resp:	384971
Ion	Ratio	Lower	Upper
117	100		
82	55.9	42.7	64.1
119	31.4	25.7	38.5



#68
m/p-Xylenes
Concen: 2.16 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

Tgt Ion:	106	Resp:	11546
Ion	Ratio	Lower	Upper
106	100		
91	204.8	159.8	239.6

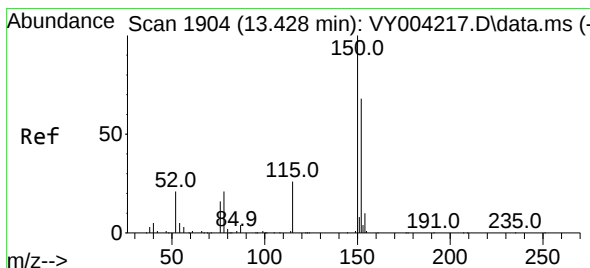
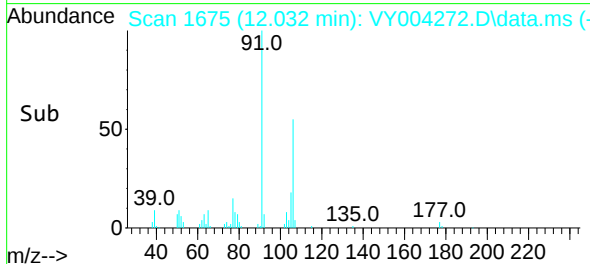
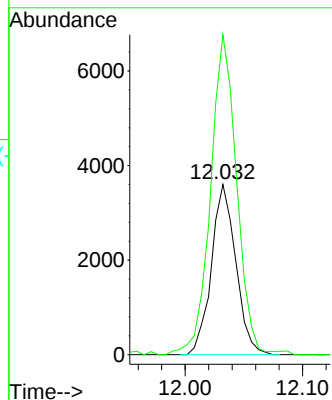
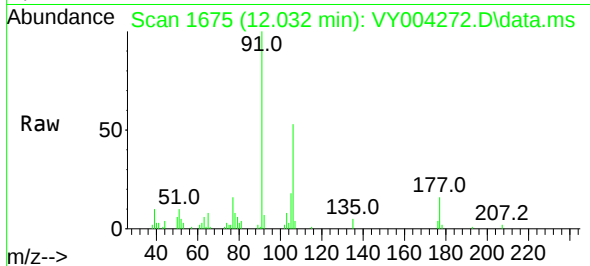




#69
o-Xylene
Concen: 1.04 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

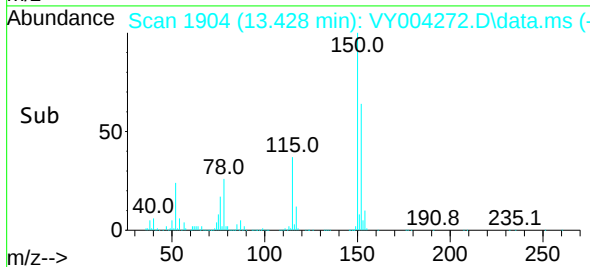
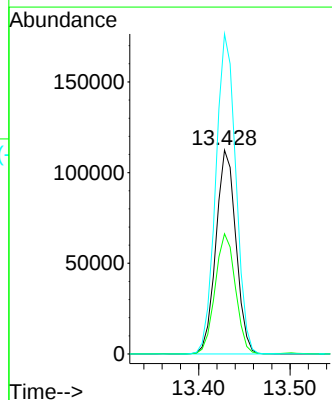
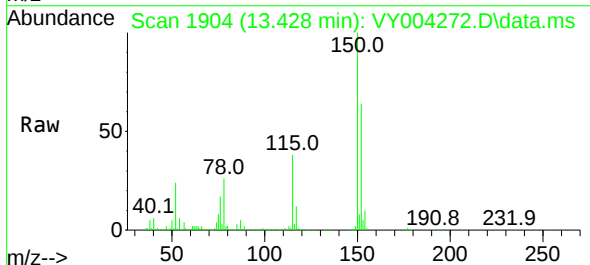
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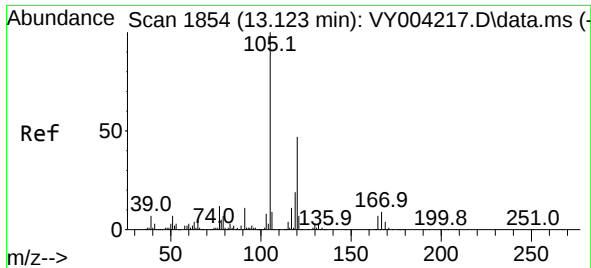
Tgt Ion:106 Resp: 5197
Ion Ratio Lower Upper
106 100
91 201.6 105.6 316.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

Tgt Ion:152 Resp: 171097
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.1
150 157.7 0.0 347.4

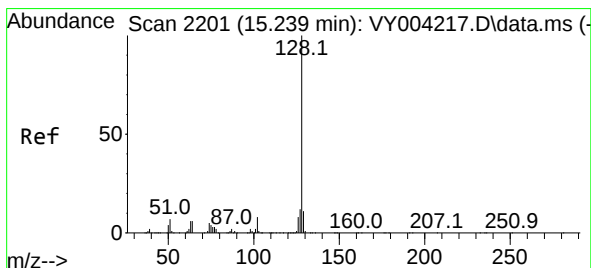
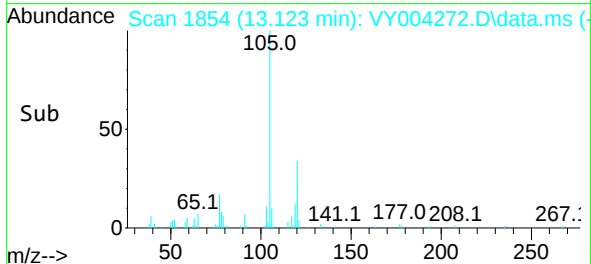
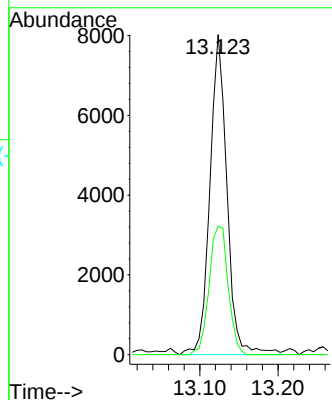
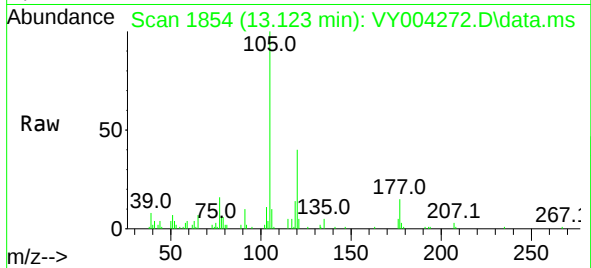




#84
1,2,4-Trimethylbenzene
Concen: 1.19 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:105 Resp: 12135
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7



#95
Naphthalene
Concen: 16.51 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004272.D
Acq: 02 Apr 2021 18:54

Tgt Ion:128 Resp: 121996
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.2 8.9 13.3

