

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004108.D
 Acq On : 17 Mar 2021 17:07
 Operator : SY/MD
 Sample : M1681-39RE
 Misc : 4.52g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST3RE

Quant Time: Mar 18 01:51:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

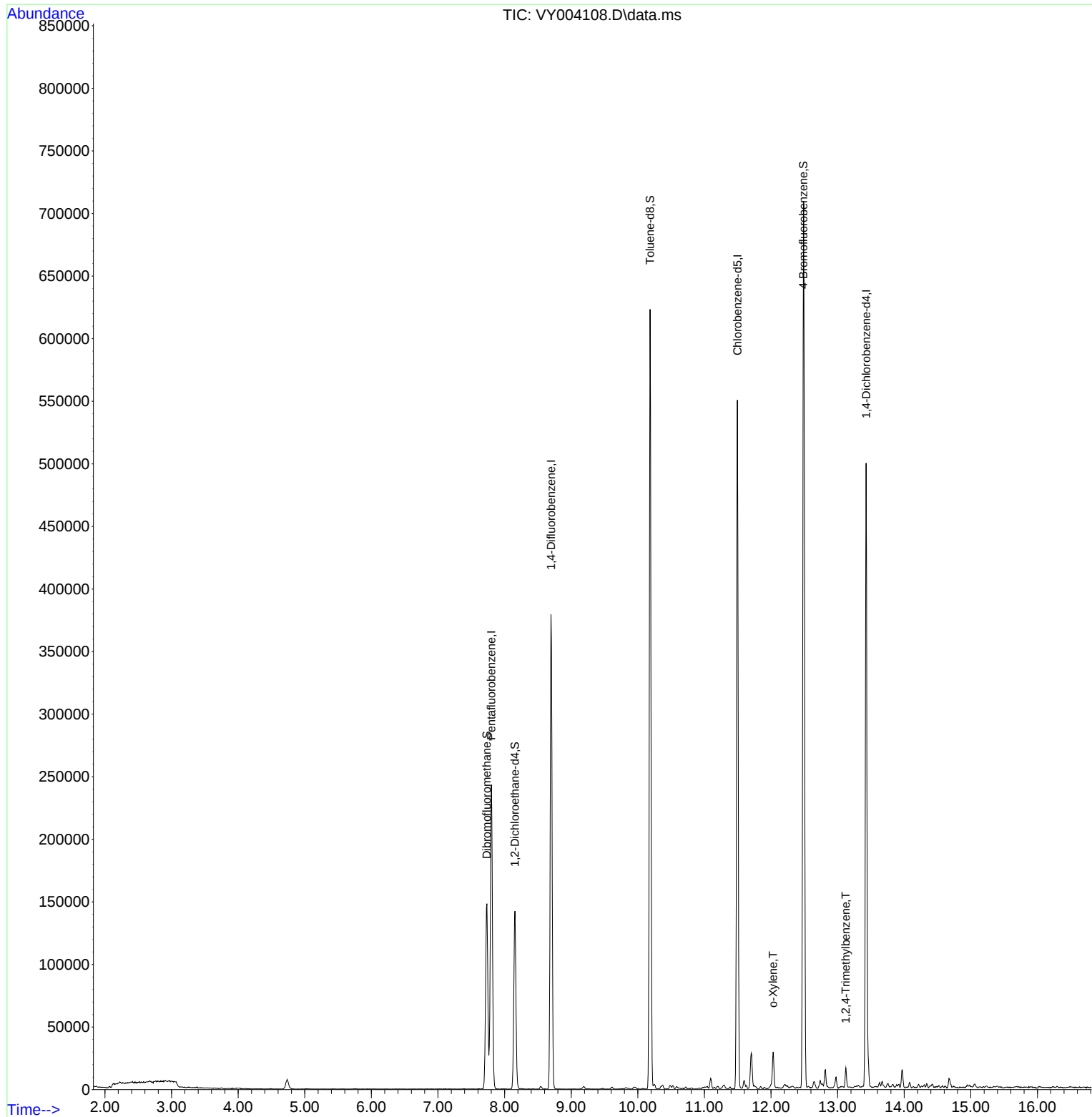
Internal Standards						
1) Pentafluorobenzene	7.801	168	191091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111426	59.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.18%
35) Dibromofluoromethane	7.734	113	102748	55.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.14%
50) Toluene-d8	10.185	98	391386	53.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.00%
62) 4-Bromofluorobenzene	12.483	95	129532	47.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.88%
Target Compounds						
					Qvalue	
69) o-Xylene	12.032	106	7859	2.04	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	7552	1.02	ug/l	92

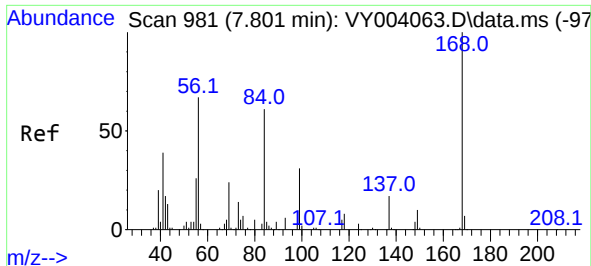
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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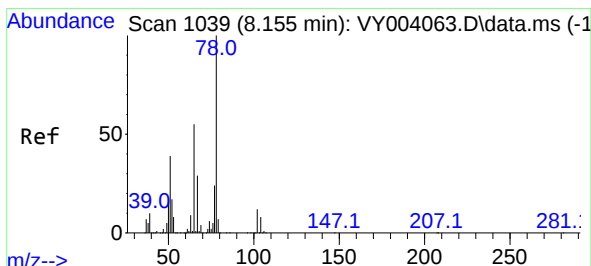
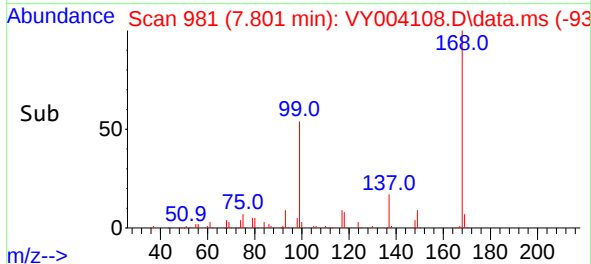
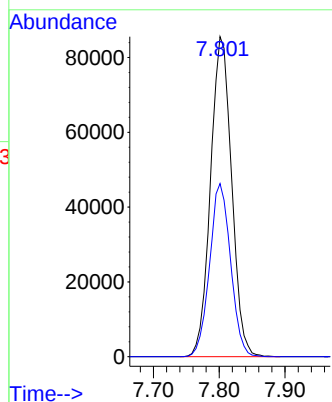
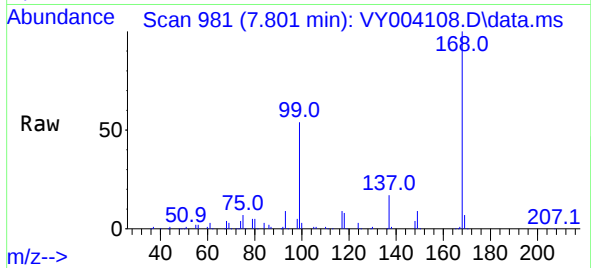




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

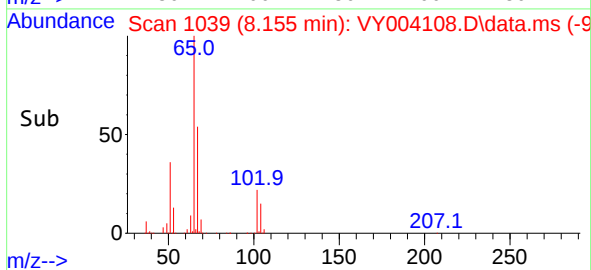
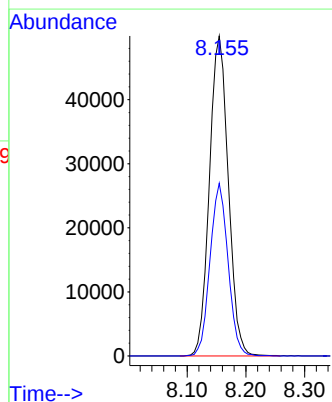
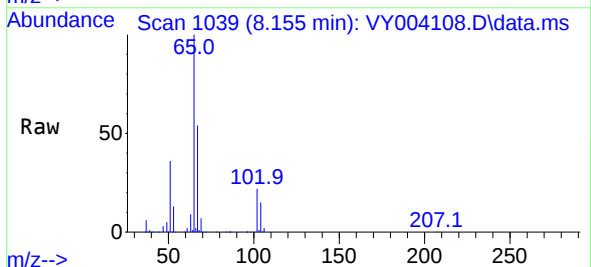
Instrument :
MSVOA_Y
ClientSampleId :
UST3RE

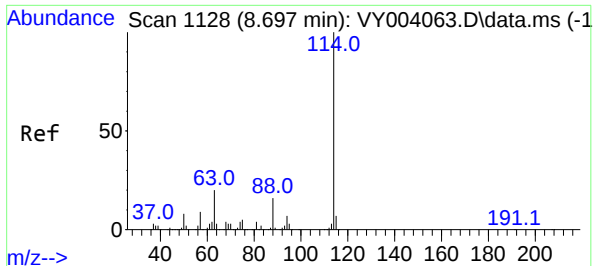
Tgt Ion:168 Resp: 191091
Ion Ratio Lower Upper
168 100
99 54.1 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 59.09 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 65 Resp: 111426
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

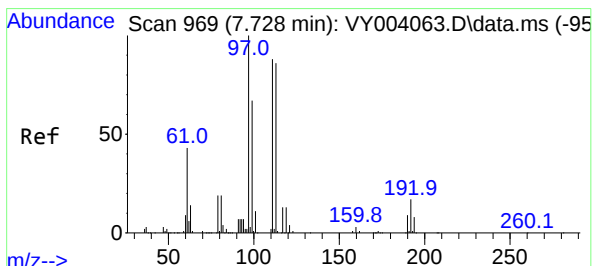
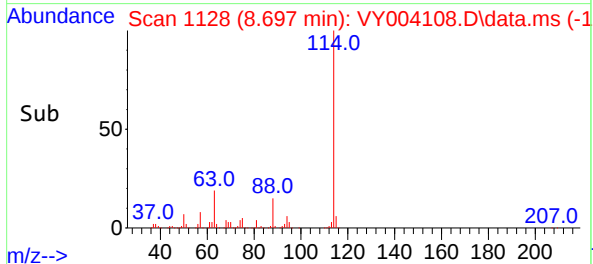
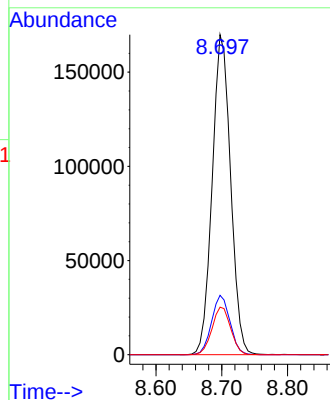
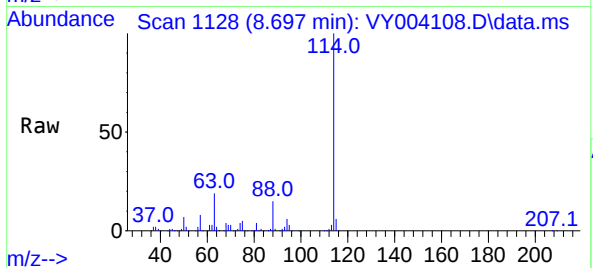




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

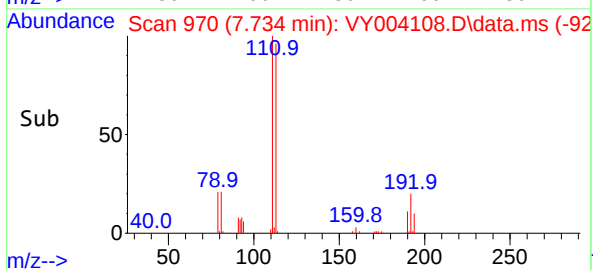
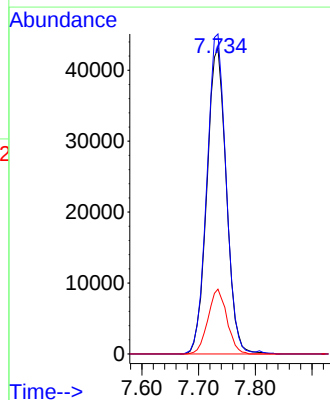
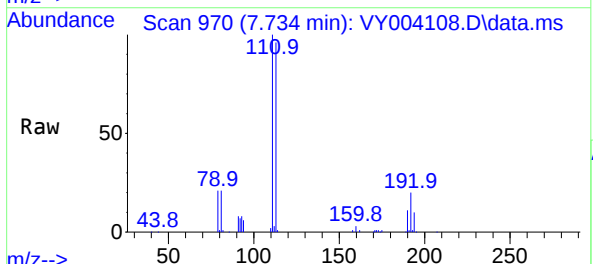
Instrument :
MSVOA_Y
ClientSampleId :
UST3RE

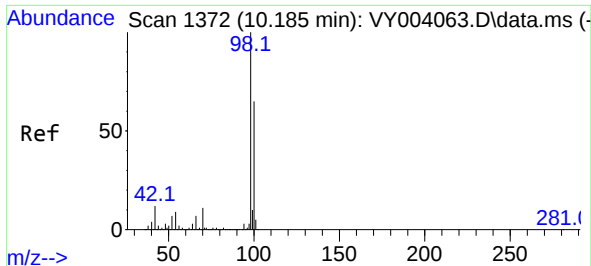
Tgt Ion:	114	Resp:	330887
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	41.6
88	14.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 55.07 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion:	113	Resp:	102748
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	20.6	18.5	27.7

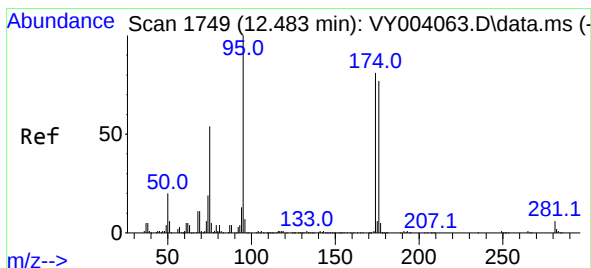
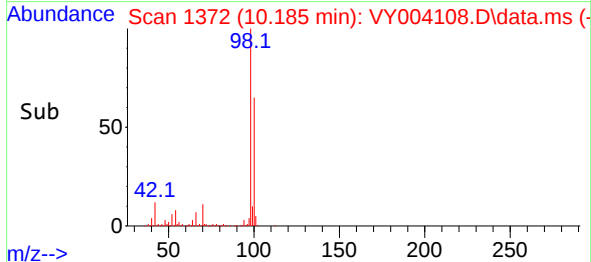
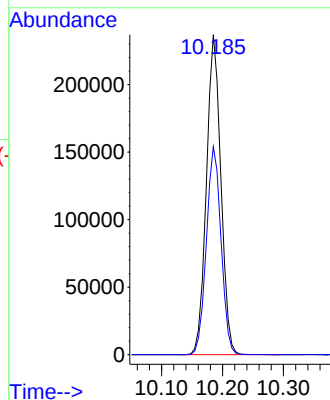
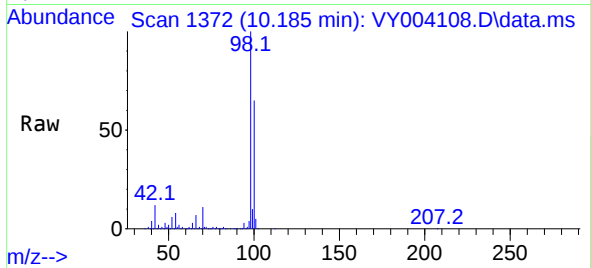




#50
Toluene-d8
Concen: 53.50 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

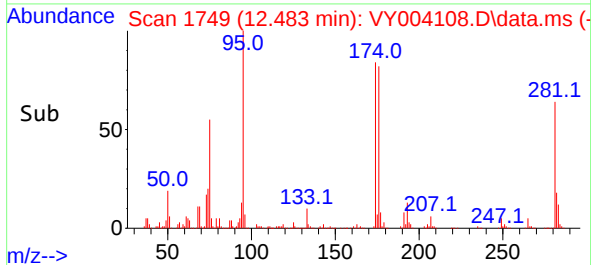
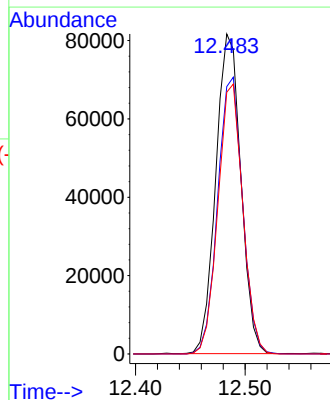
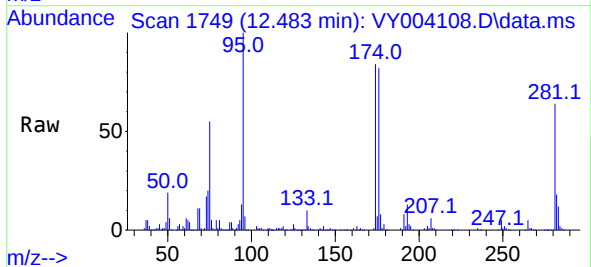
Instrument :
MSVOA_Y
ClientSampleId :
UST3RE

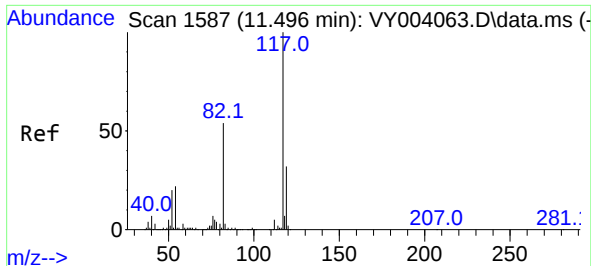
Tgt Ion: 98 Resp: 391386
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 95 Resp: 129532
Ion Ratio Lower Upper
95 100
174 85.9 0.0 179.0
176 83.6 0.0 174.4

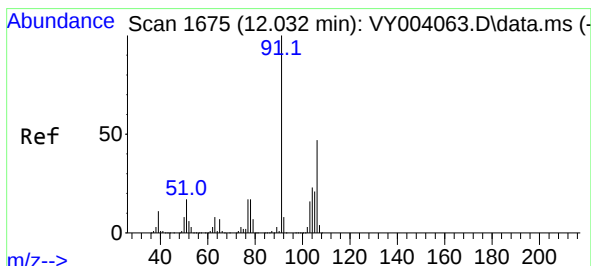
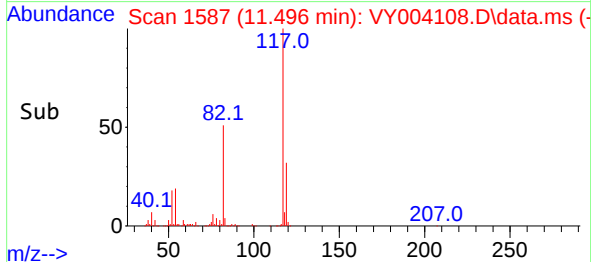
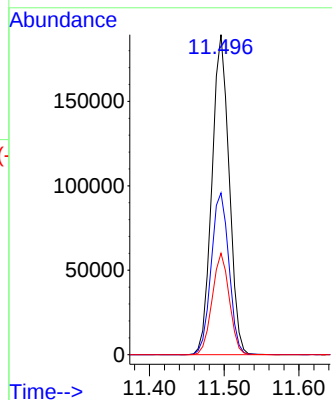
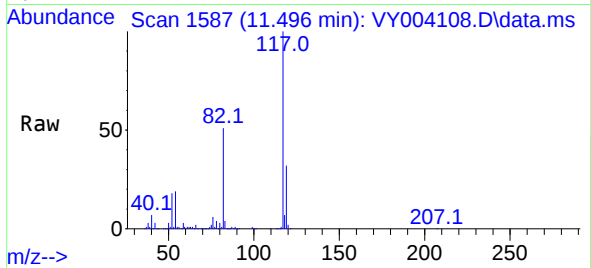




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

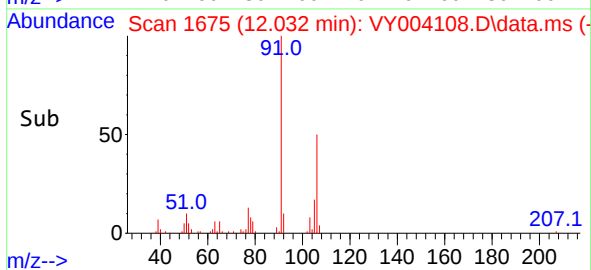
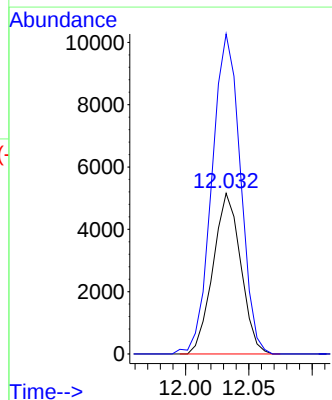
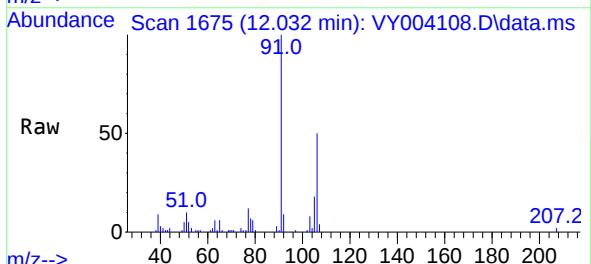
Instrument :
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ClientSampleId :
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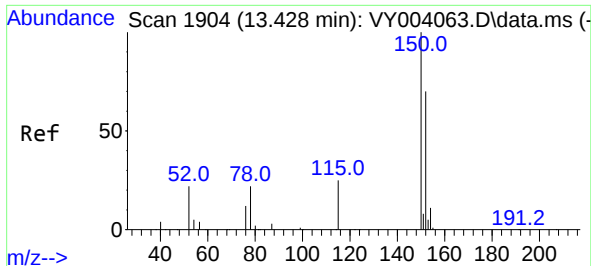
Tgt Ion:117 Resp: 303028
Ion Ratio Lower Upper
117 100
82 50.6 43.8 65.6
119 31.7 26.2 39.2



#69
o-Xylene
Concen: 2.04 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion:106 Resp: 7859
Ion Ratio Lower Upper
106 100
91 204.6 108.9 326.7

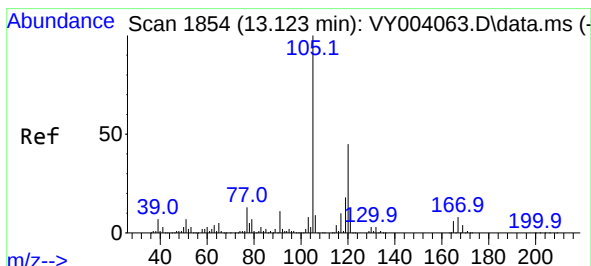
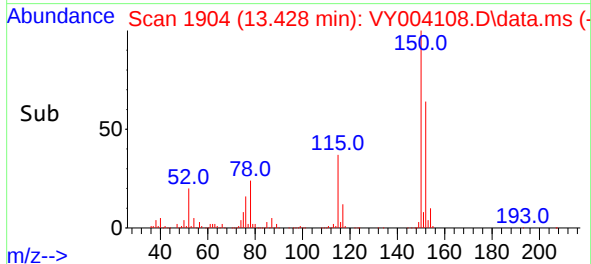
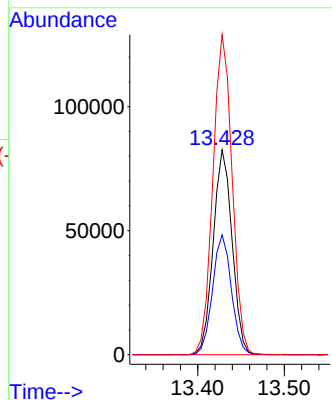
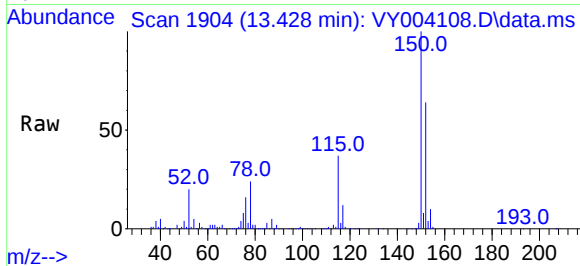




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Instrument :
MSVOA_Y
ClientSampled :
UST3RE

Tgt Ion:152 Resp: 125000
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.6
150 159.1 0.0 347.2



#84
1,2,4-Trimethylbenzene
Concen: 1.02 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion:105 Resp: 7552
Ion Ratio Lower Upper
105 100
120 49.6 22.1 66.3

