

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006084.D
 Acq On : 17 Sep 2021 20:38
 Operator : SY/MD
 Sample : M3797-07
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26240

Quant Time: Sep 20 05:32:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

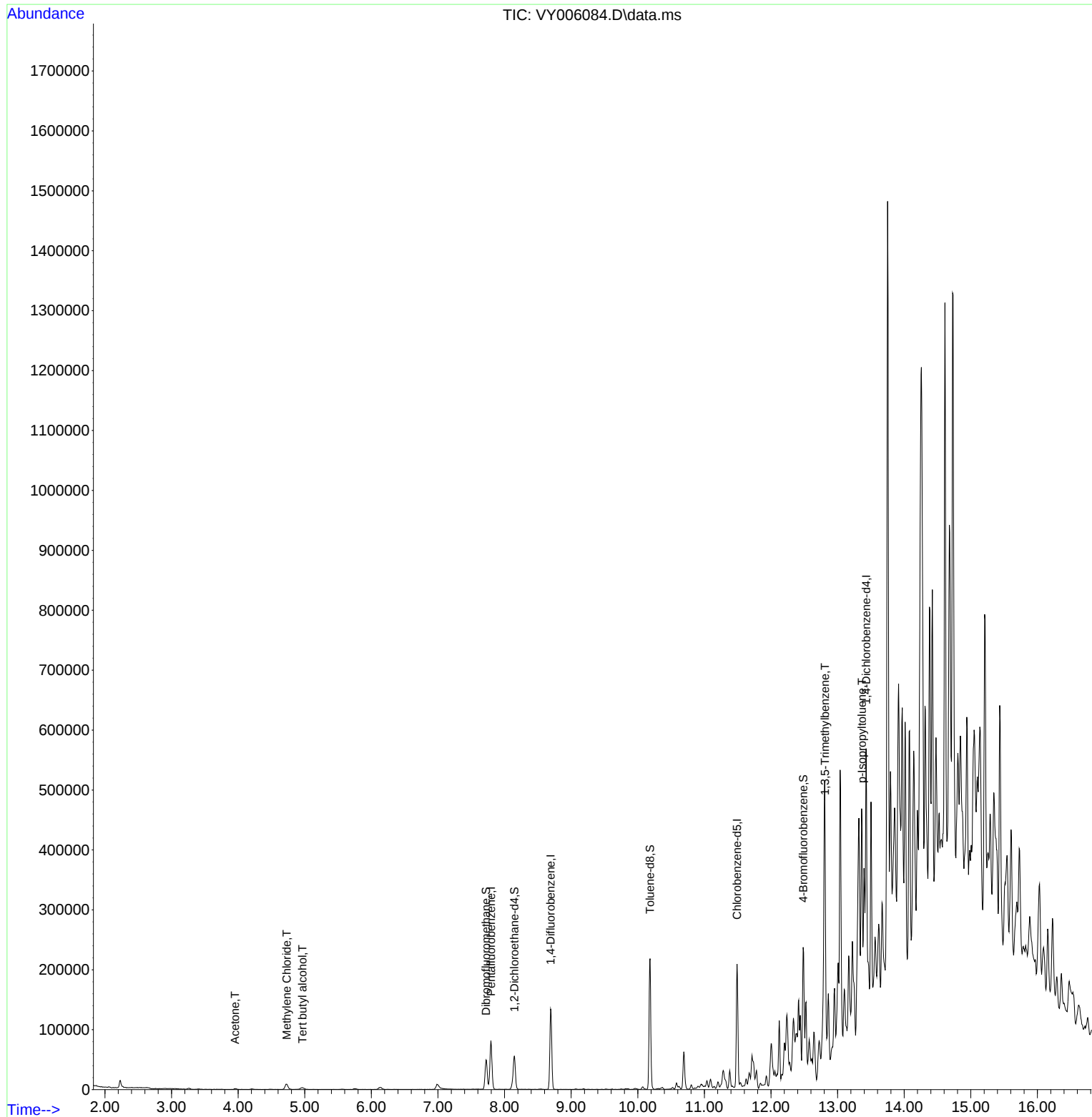
Internal Standards						
1) Pentafluorobenzene	7.795	168	60014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	107628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	106864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43127	51.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.460%
35) Dibromofluoromethane	7.722	113	33142	49.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.160%
50) Toluene-d8	10.185	98	136592	47.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.483	95	47822	49.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.880%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	6597	11.940	ug/l	100
16) Acetone	3.954	43	2417	10.571	ug/l	99
20) Methylene Chloride	4.729	84	6288	4.593	ug/l #	83
80) 1,3,5-Trimethylbenzene	12.813	105	12922	5.019	ug/l	95
86) p-Isopropyltoluene	13.367	119	17200	6.111	ug/l	97

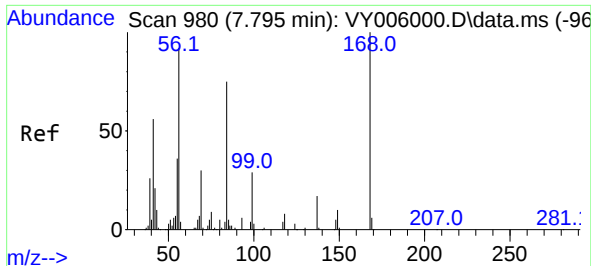
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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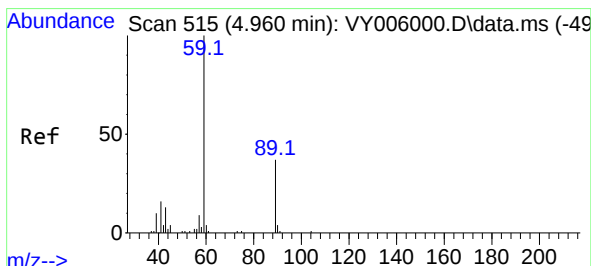
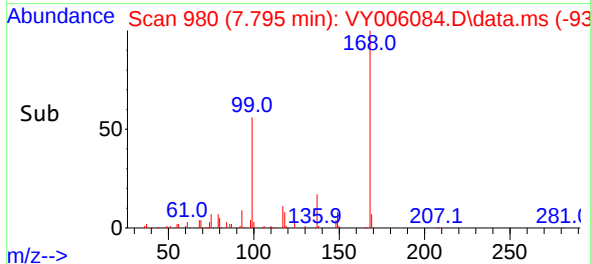
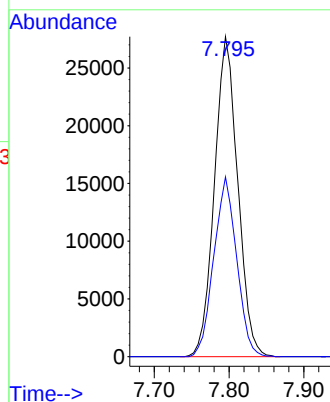
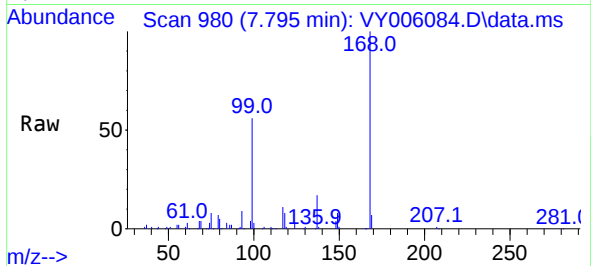




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

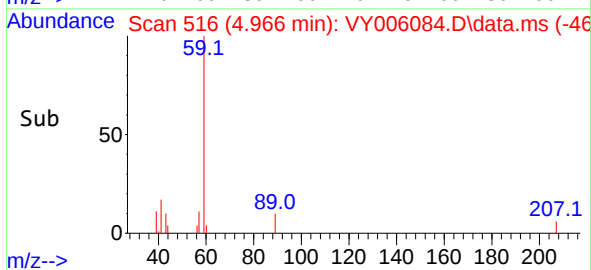
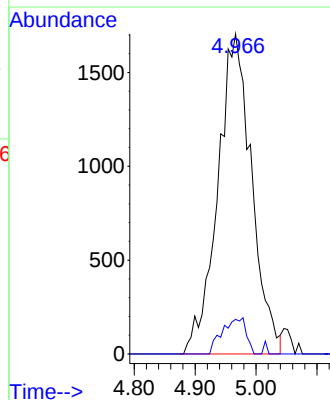
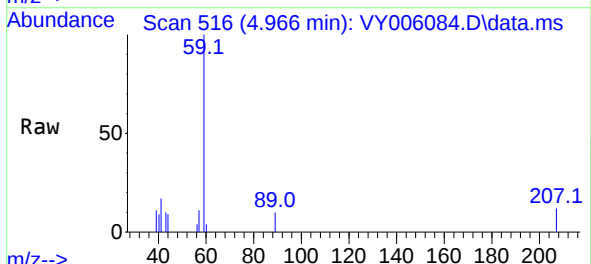
Instrument :
MSVOA_Y
ClientSampleId :
26240

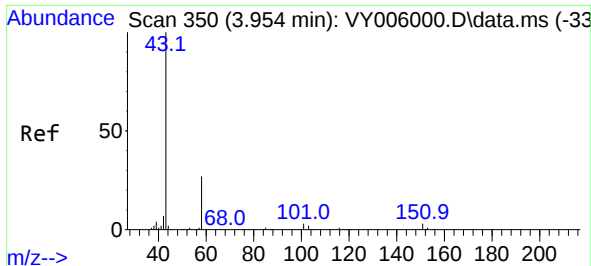
Tgt Ion:168 Resp: 60014
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 11.940 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

Tgt Ion: 59 Resp: 6597
Ion Ratio Lower Upper
59 100
57 7.9 6.4 9.6

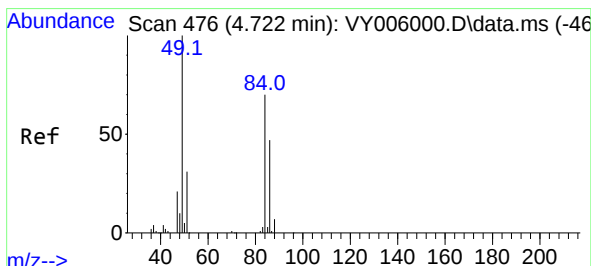
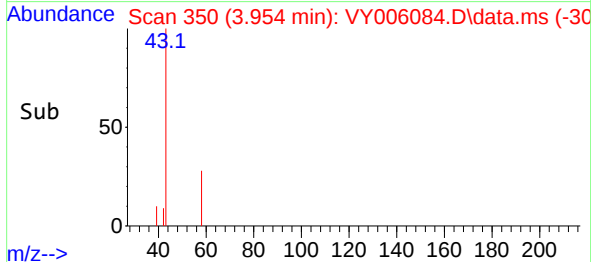
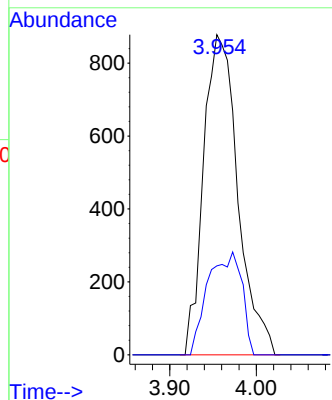
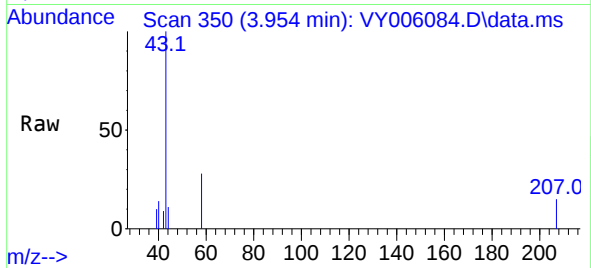




#16
Acetone
Concen: 10.571 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

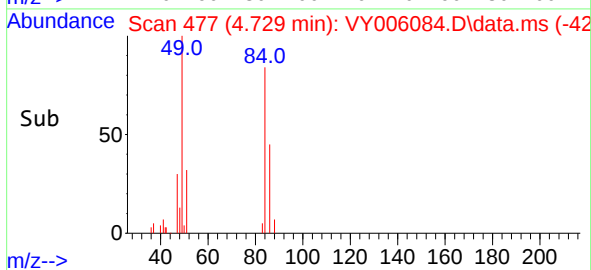
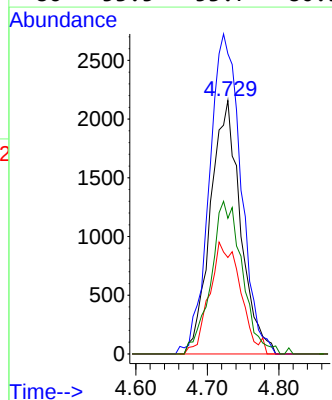
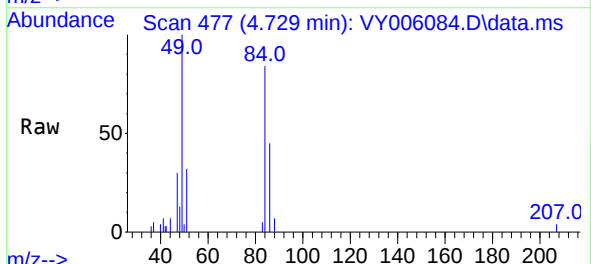
Instrument :
MSVOA_Y
ClientSampled :
26240

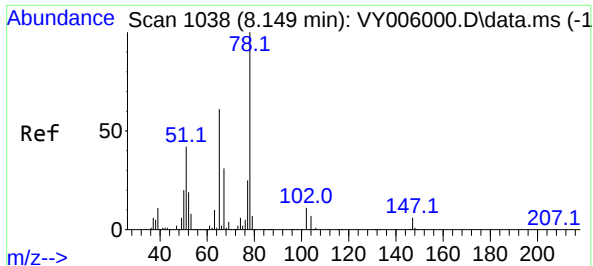
Tgt Ion: 43 Resp: 2417
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0



#20
Methylene Chloride
Concen: 4.593 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

Tgt Ion: 84 Resp: 6288
Ion Ratio Lower Upper
84 100
49 118.4 114.4 171.6
51 38.0 35.3 52.9
86 53.5 53.7 80.5#

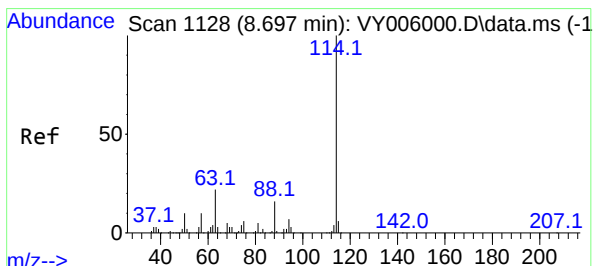
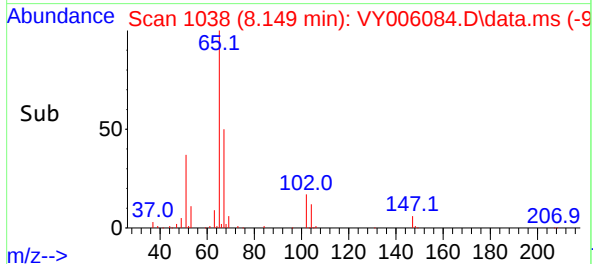
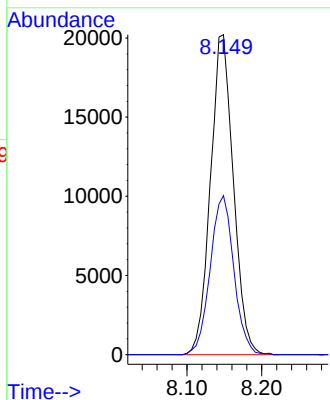
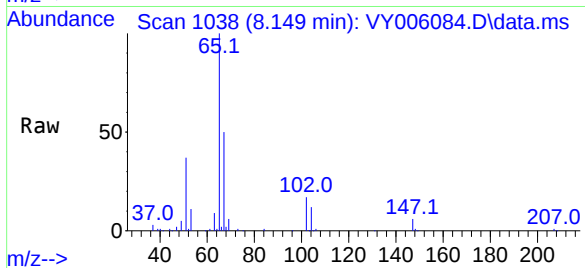




#33
1,2-Dichloroethane-d4
Concen: 51.734 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

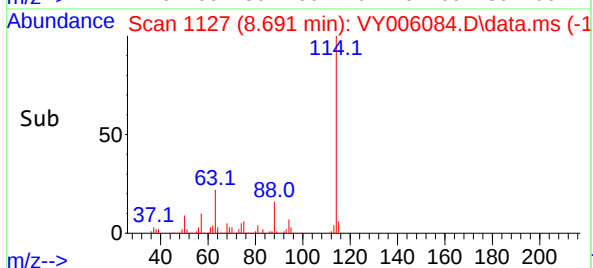
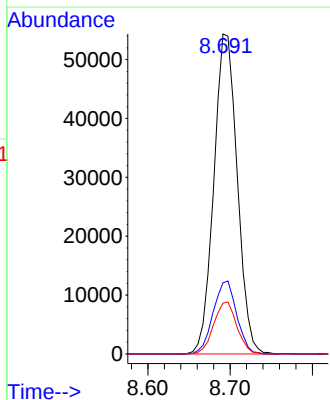
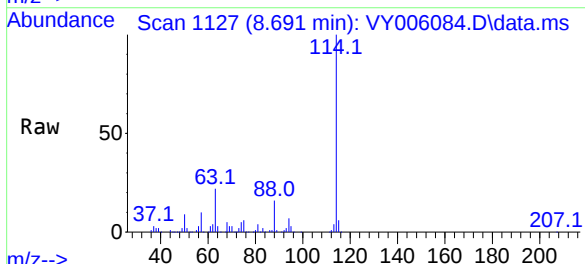
Instrument :
MSVOA_Y
ClientSampled :
26240

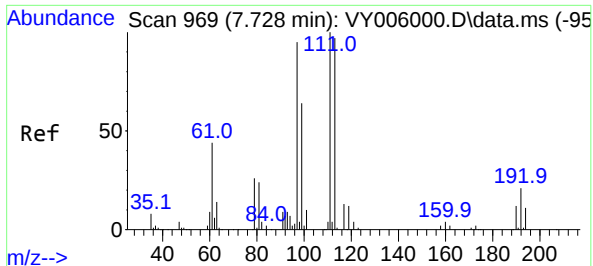
Tgt Ion: 65 Resp: 43127
Ion Ratio Lower Upper
65 100
67 51.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

Tgt Ion: 114 Resp: 107628
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.2
88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.577 ug/l

RT: 7.722 min Scan# 968

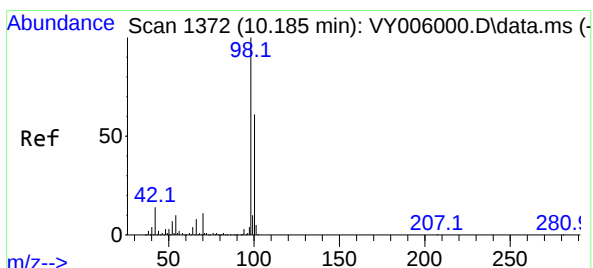
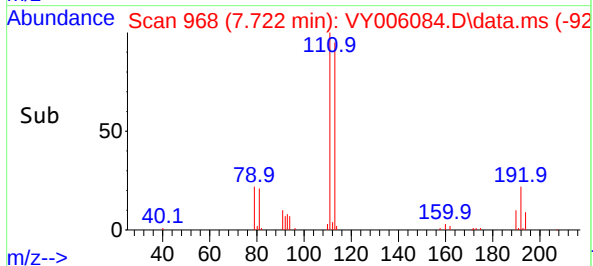
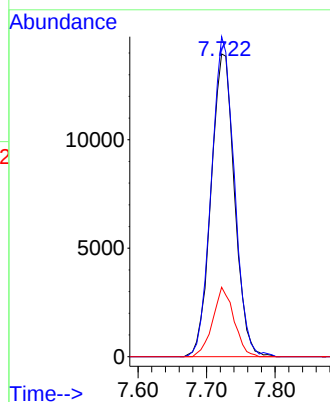
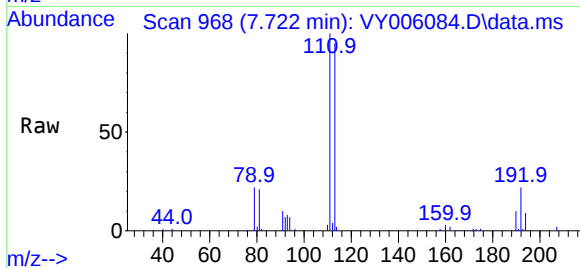
Delta R.T. -0.006 min

Lab File: VY006084.D

Acq: 17 Sep 2021 20:38

Instrument :
MSVOA_Y
ClientSampled :
26240

Tgt Ion:	113	Resp:	33142
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	124.0
192	20.7	17.6	26.4



#50

Toluene-d8

Concen: 47.941 ug/l

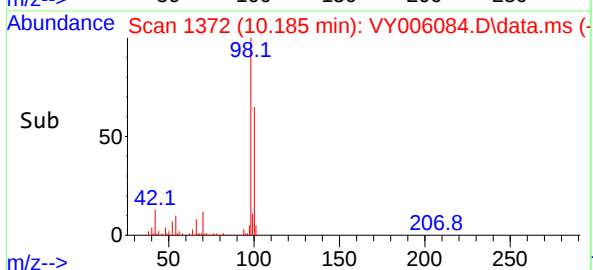
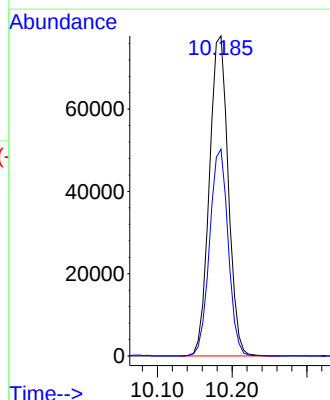
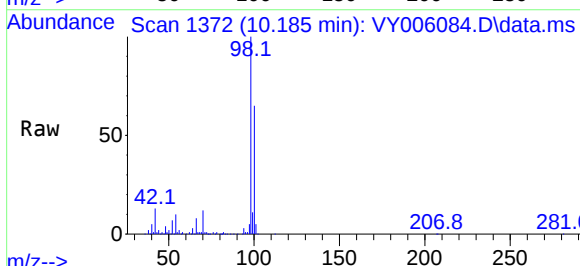
RT: 10.185 min Scan# 1372

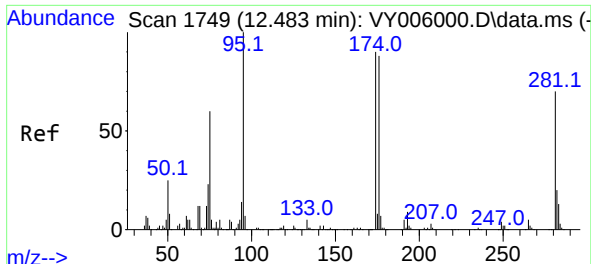
Delta R.T. 0.000 min

Lab File: VY006084.D

Acq: 17 Sep 2021 20:38

Tgt Ion:	98	Resp:	136592
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.2	75.2

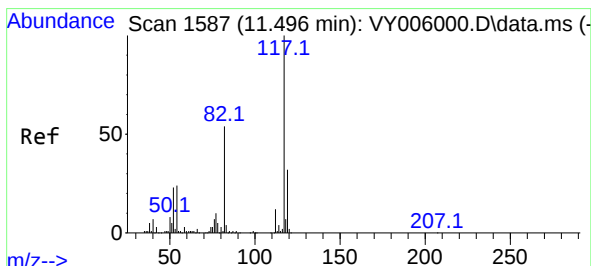
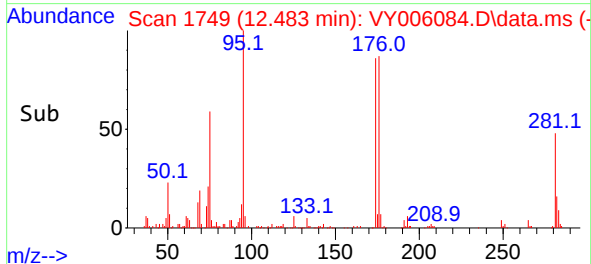
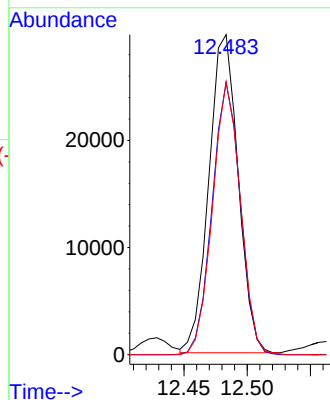
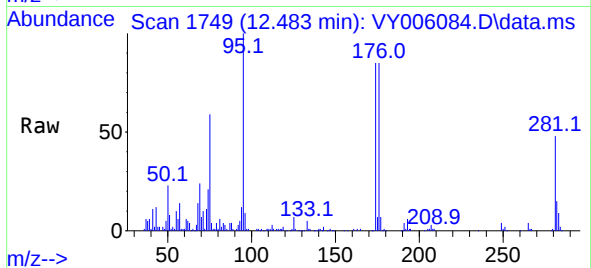




#62
4-Bromofluorobenzene
Concen: 49.437 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

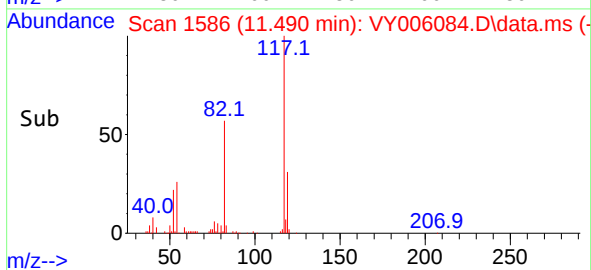
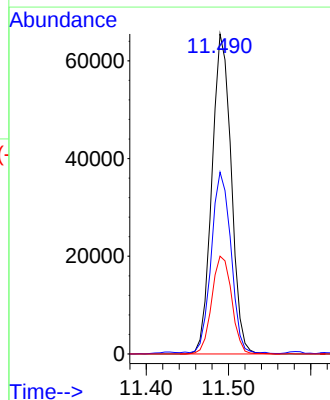
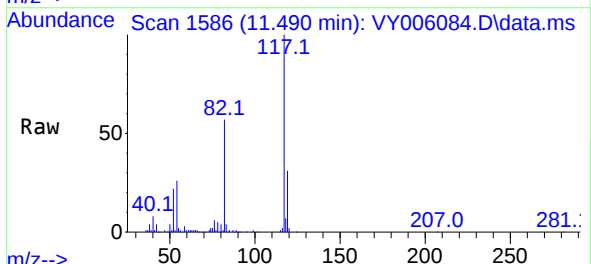
Instrument :
MSVOA_Y
ClientSampleId :
26240

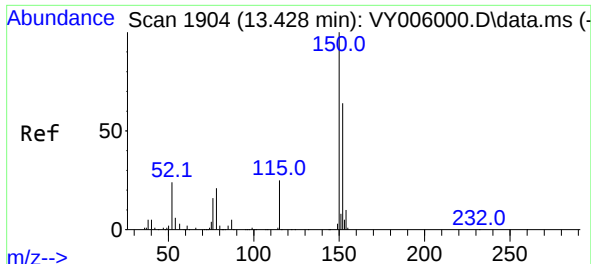
Tgt Ion: 95 Resp: 47822
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 81.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

Tgt Ion: 117 Resp: 106864
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 30.5 25.4 38.0

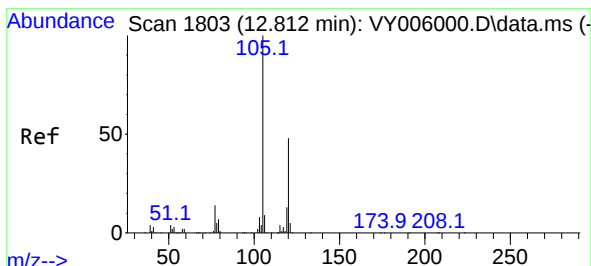
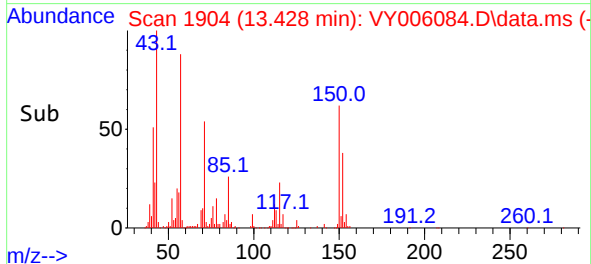
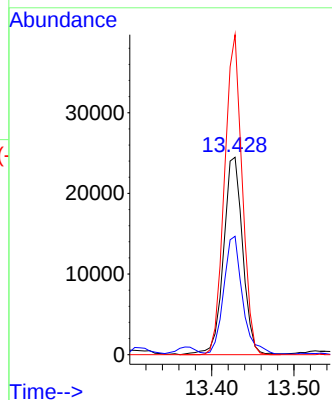
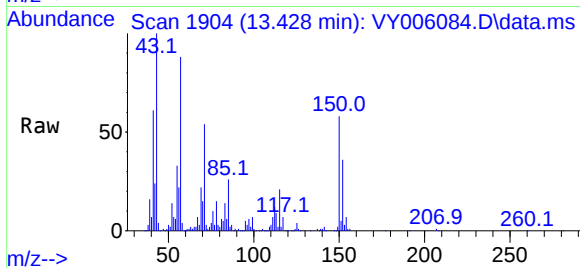




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

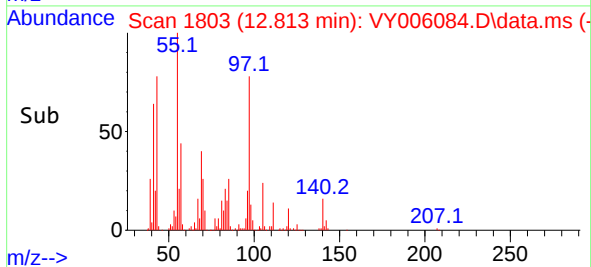
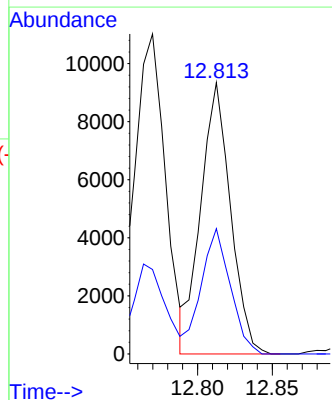
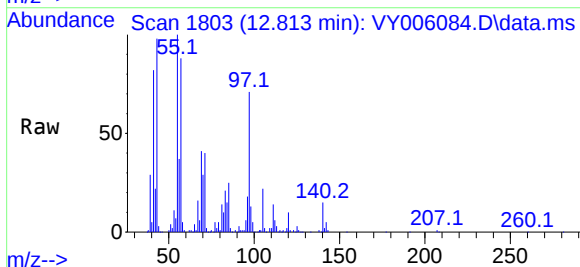
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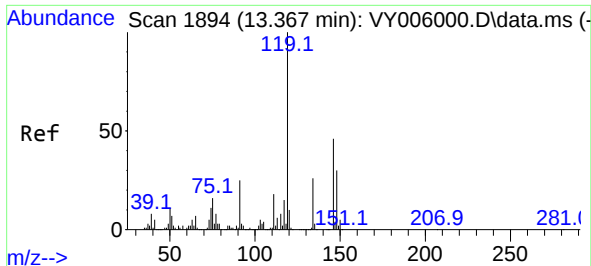
Tgt Ion:152 Resp: 39647
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 149.2 0.0 347.6



#80
1,3,5-Trimethylbenzene
Concen: 5.019 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006084.D
Acq: 17 Sep 2021 20:38

Tgt Ion:105 Resp: 12922
Ion Ratio Lower Upper
105 100
120 45.4 24.4 73.4





#86
 p-Isopropyltoluene
 Concen: 6.111 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY006084.D
 Acq: 17 Sep 2021 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 26240

Tgt Ion:	119	Resp:	17200
Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.2	39.5
91	27.1	12.4	37.2

