

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004829.D
 Acq On : 18 May 2021 16:14
 Operator : SY/MD
 Sample : M2435-04
 Misc : 6.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VAN-REIPEN-B

Quant Time: May 19 01:04:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

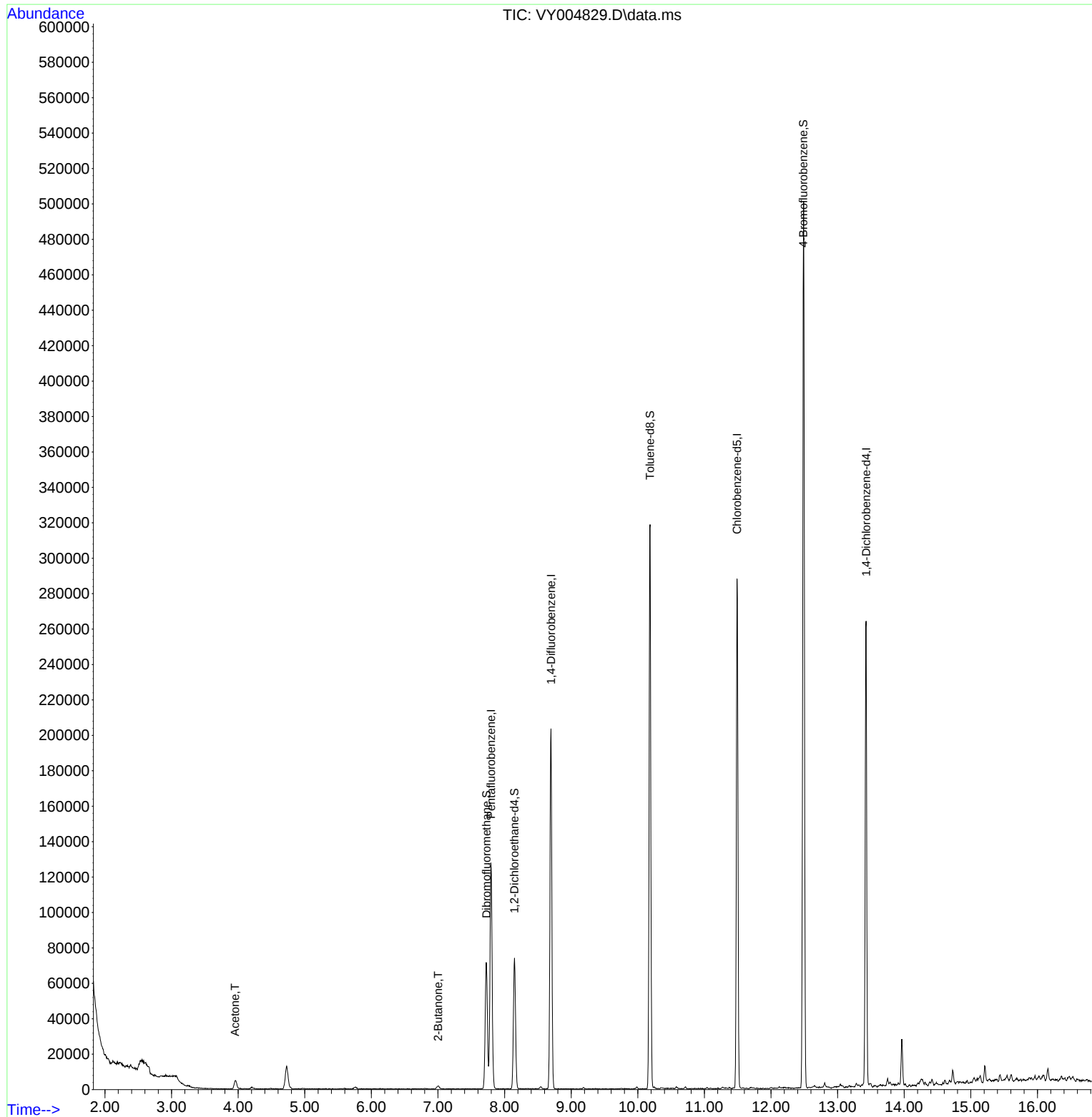
Internal Standards						
1) Pentafluorobenzene	7.795	168	94146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	161943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57635	51.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.86%	
35) Dibromofluoromethane	7.728	113	49591	55.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.88%	
50) Toluene-d8	10.185	98	201855	50.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.80%	
62) 4-Bromofluorobenzene	12.483	95	64156	47.46	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.92%	
Target Compounds						
16) Acetone	3.954	43	8827	35.07	ug/l	Qvalue 91
25) 2-Butanone	7.002	43	3164	7.08	ug/l	97

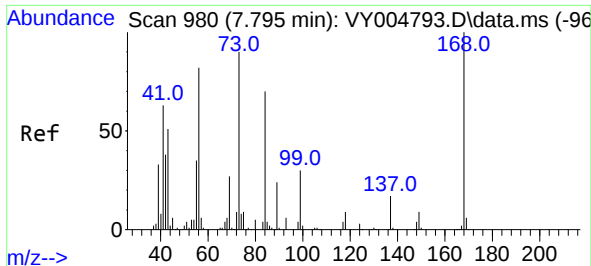
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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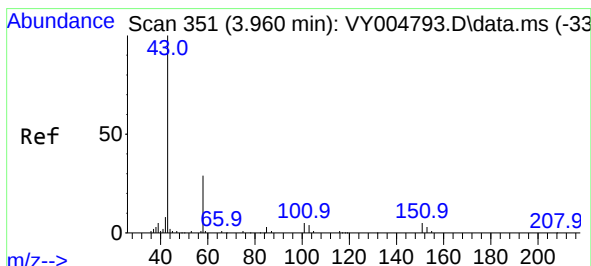
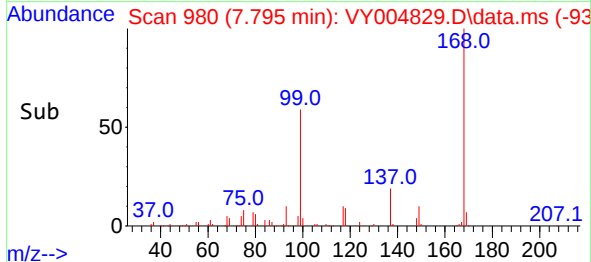
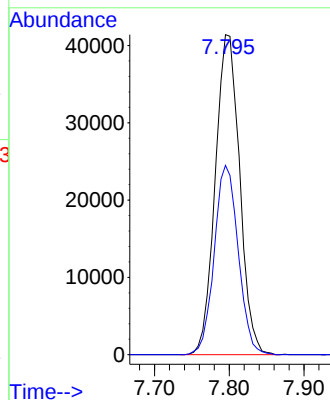
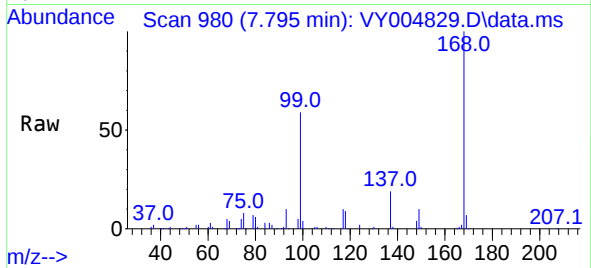




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

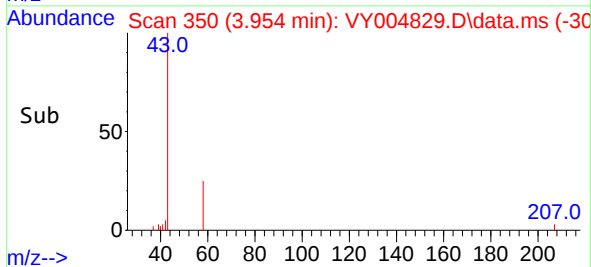
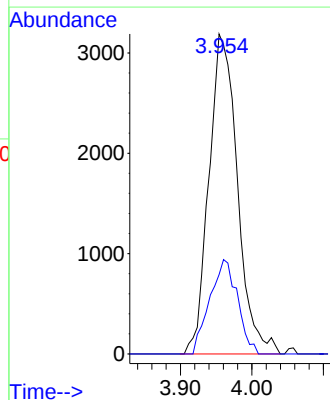
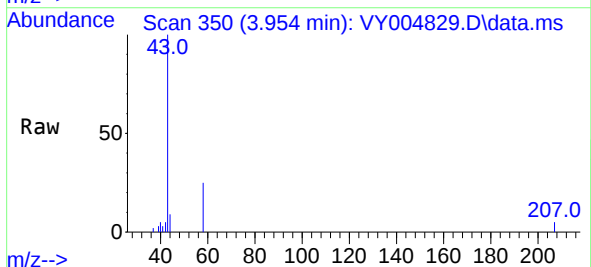
Instrument :
MSVOA_Y
ClientSampleId :
VAN-REIPEN-B

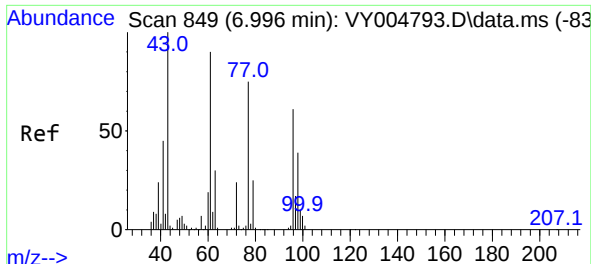
Tgt Ion:168 Resp: 94146
Ion Ratio Lower Upper
168 100
99 59.2 45.6 68.4



#16
Acetone
Concen: 35.07 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
58 24.8 23.6 35.4

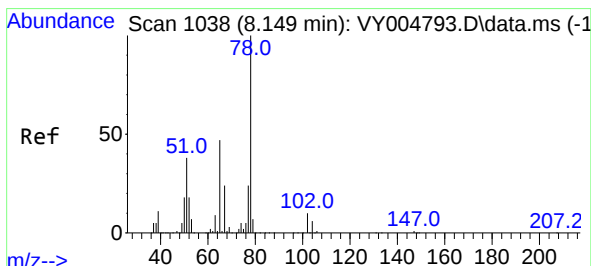
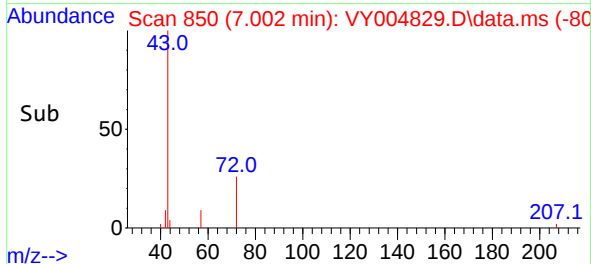
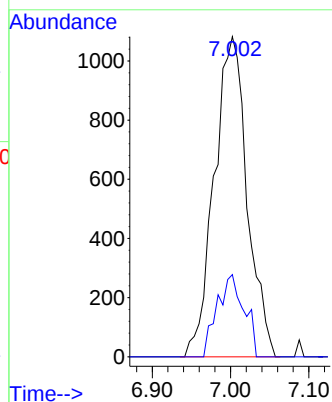
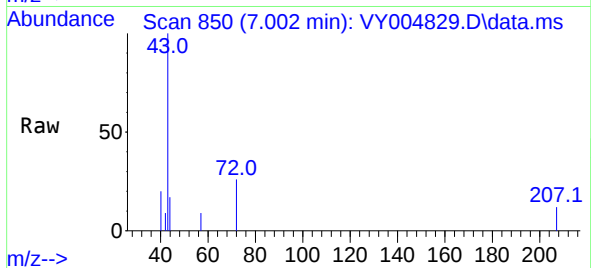




#25
2-Butanone
Concen: 7.08 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

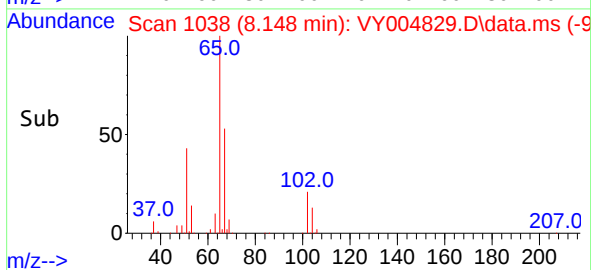
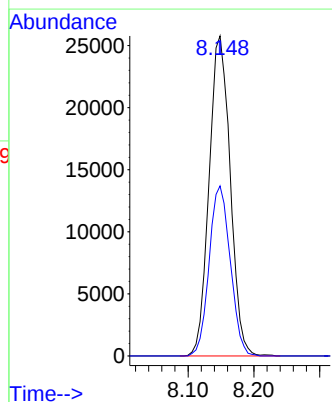
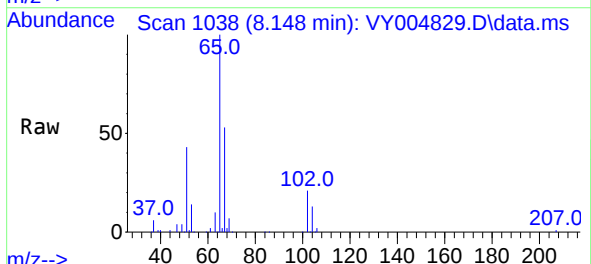
Instrument :
MSVOA_Y
ClientSampleId :
VAN-REIPEN-B

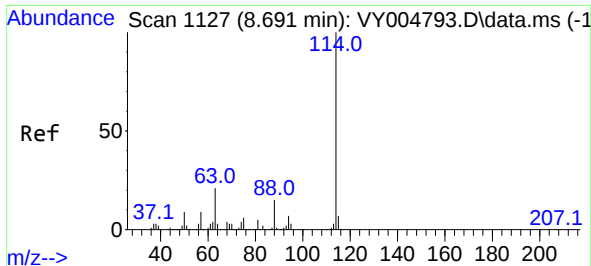
Tgt Ion: 43 Resp: 3164
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.0



#33
1,2-Dichloroethane-d4
Concen: 51.43 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion: 65 Resp: 57635
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004829.D

Acq: 18 May 2021 16:14

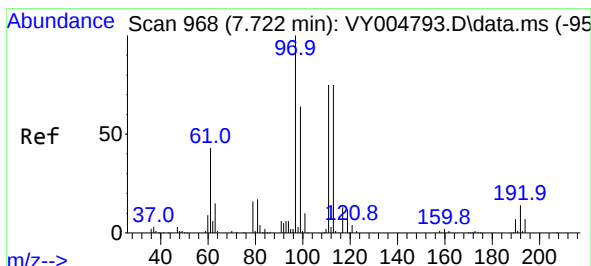
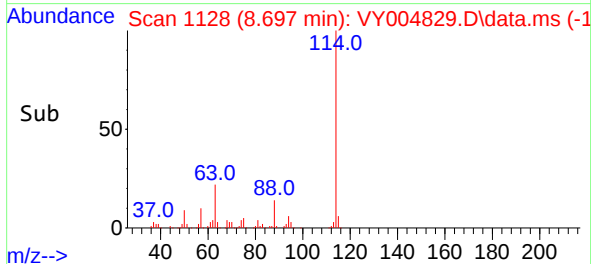
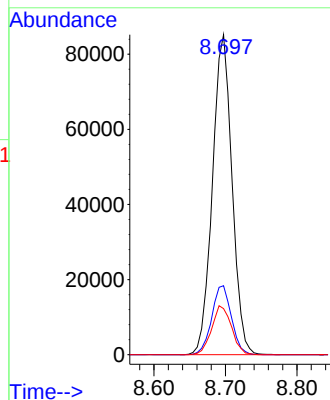
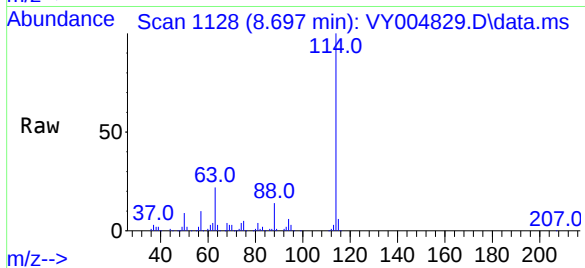
Tgt Ion:114 Resp: 161943

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.8

88 14.4 0.0 31.0



#35

Dibromofluoromethane

Concen: 55.94 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004829.D

Acq: 18 May 2021 16:14

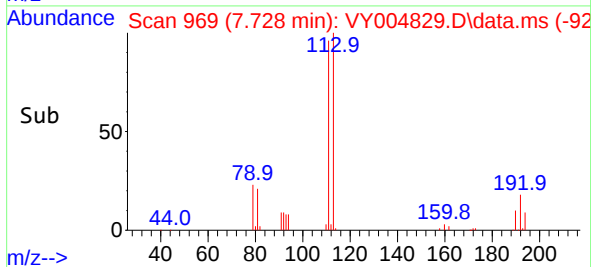
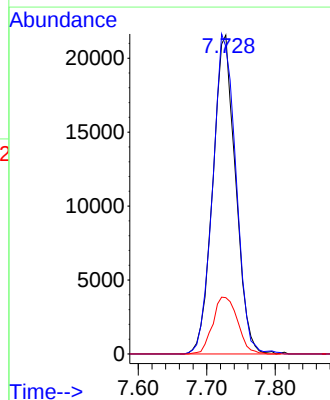
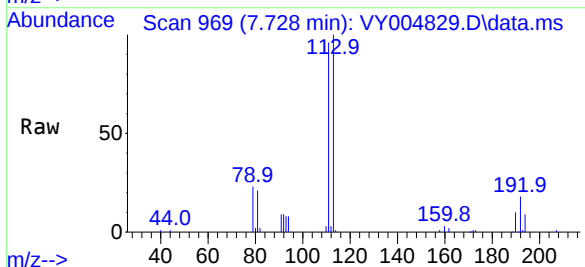
Tgt Ion:113 Resp: 49591

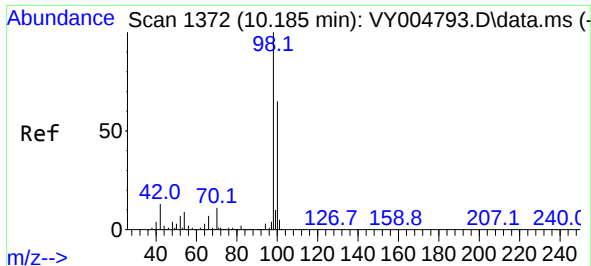
Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

192 19.4 15.0 22.6

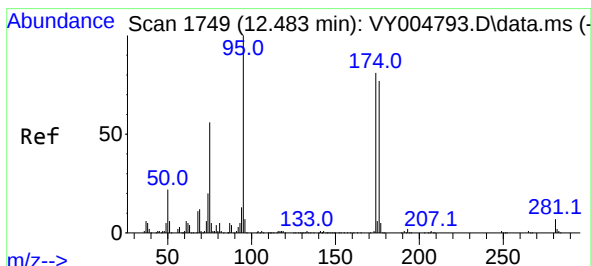
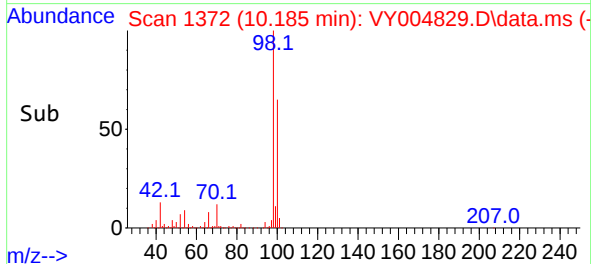
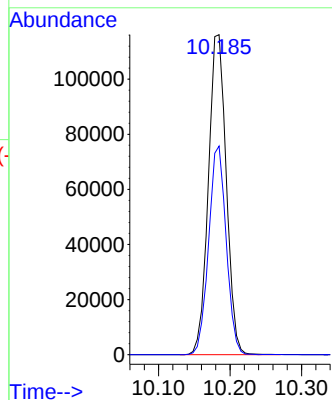
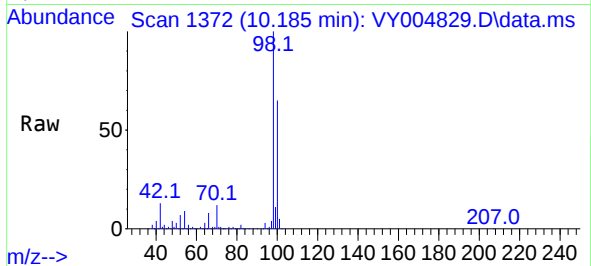




#50
Toluene-d8
Concen: 50.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

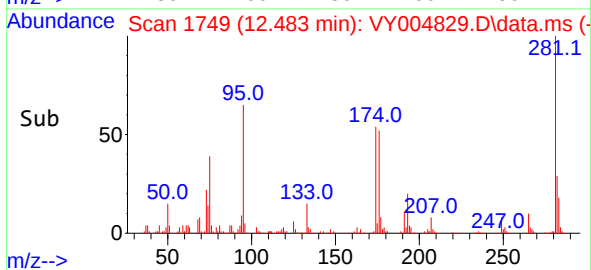
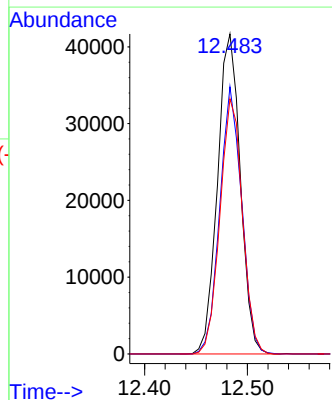
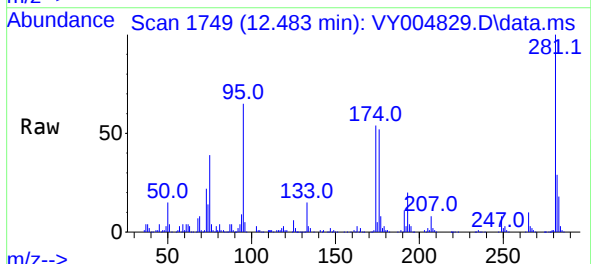
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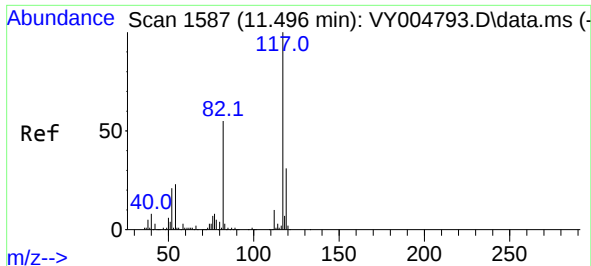
Tgt Ion: 98 Resp: 201855
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 47.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion: 95 Resp: 64156
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.2
176 78.4 0.0 159.0

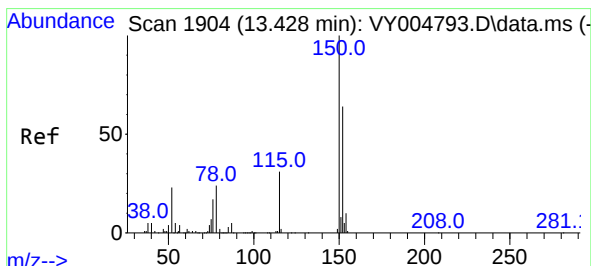
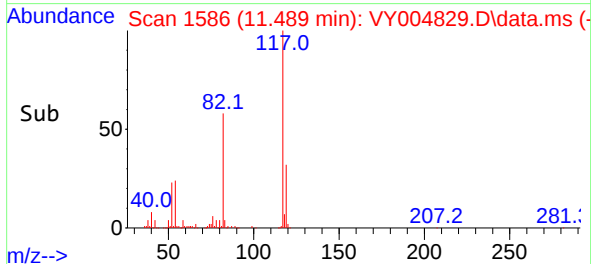
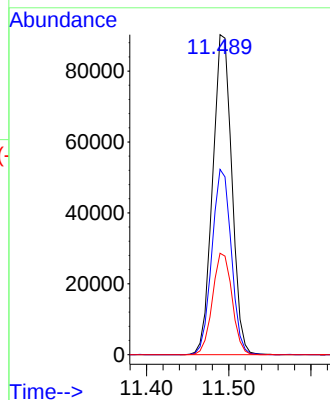
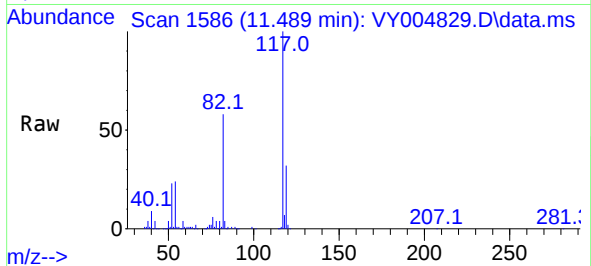




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Instrument :
MSVOA_Y
ClientSampleId :
VAN-REIPEN-B

Tgt Ion:	117	Resp:	146415
Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.4	68.2
119	31.7	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004829.D
Acq: 18 May 2021 16:14

Tgt Ion:	152	Resp:	64335
Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.4	88.3
150	157.0	0.0	349.8

