

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005494.D
 Acq On : 28 Jul 2021 17:06
 Operator : SY/MD
 Sample : M3210-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(1.0-5.0)

Quant Time: Jul 29 05:34:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

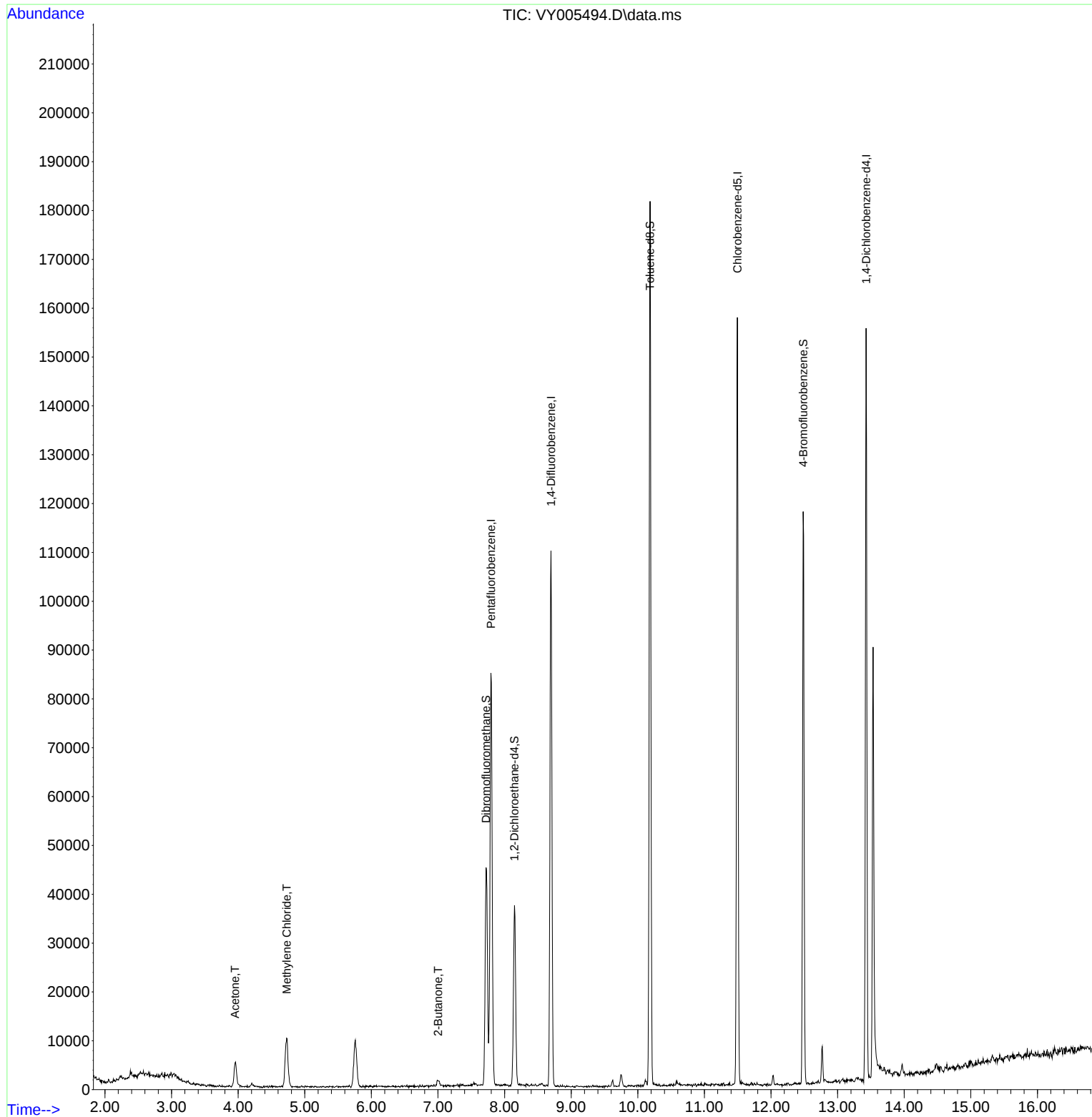
Internal Standards						
1) Pentafluorobenzene	7.795	168	69401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	94321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	83893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30742	41.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.920%
35) Dibromofluoromethane	7.722	113	31346	57.556	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.120%
50) Toluene-d8	10.185	98	118294	51.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.483	95	33530	44.012	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.020%
Target Compounds					Qvalue	
16) Acetone	3.954	43	9271	54.754	ug/l	96
20) Methylene Chloride	4.729	84	7345	6.473	ug/l	94
25) 2-Butanone	7.003	43	2022	7.974	ug/l #	70

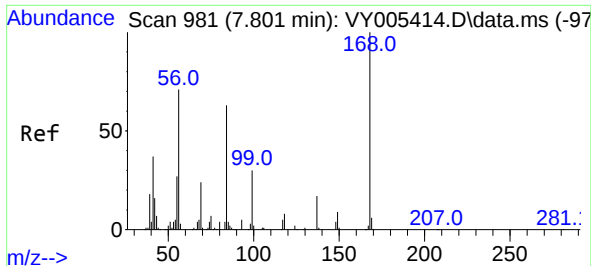
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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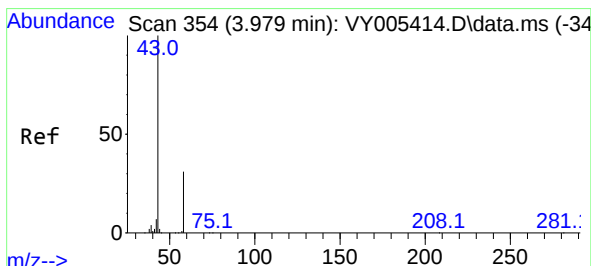
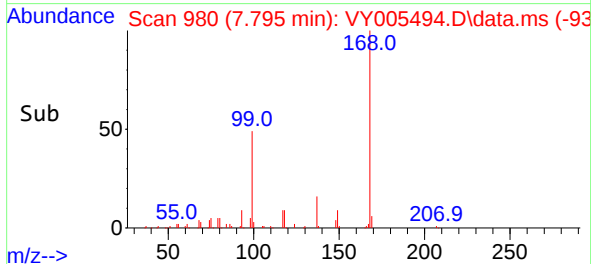
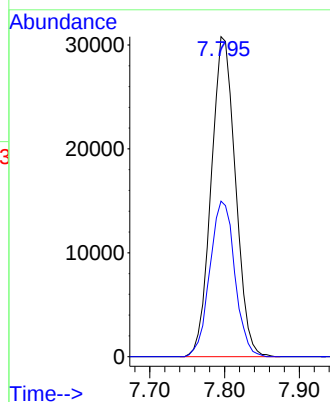
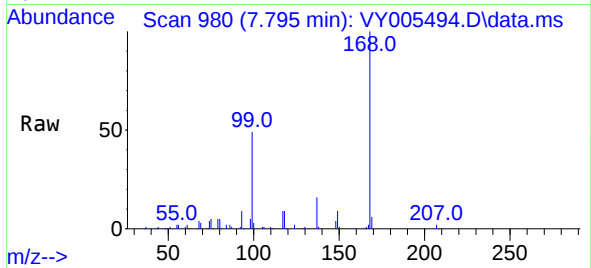




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

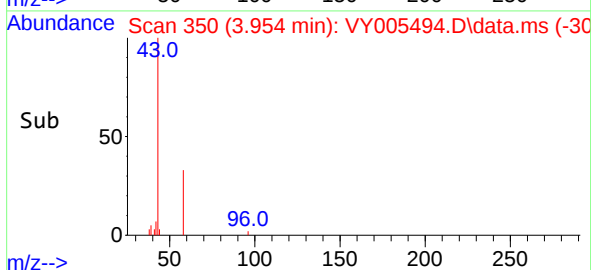
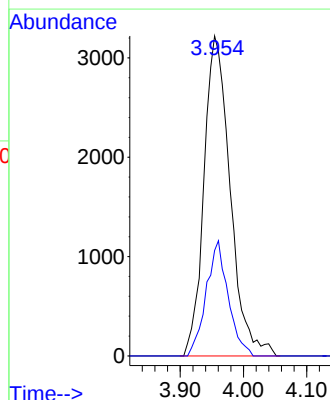
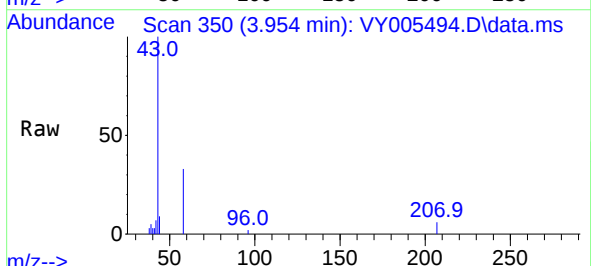
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

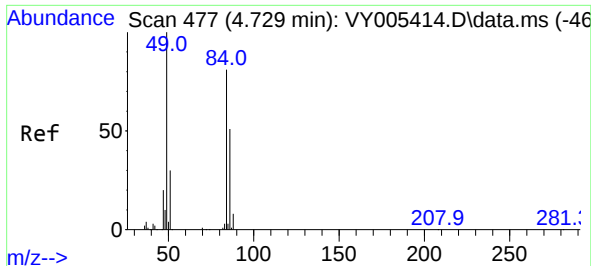
Tgt Ion:168 Resp: 69401
Ion Ratio Lower Upper
168 100
99 48.6 39.8 59.6



#16
Acetone
Concen: 54.754 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion: 43 Resp: 9271
Ion Ratio Lower Upper
43 100
58 32.9 24.5 36.7



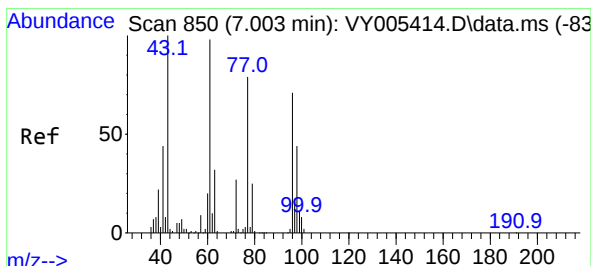
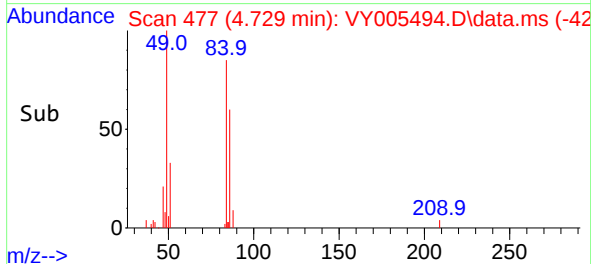
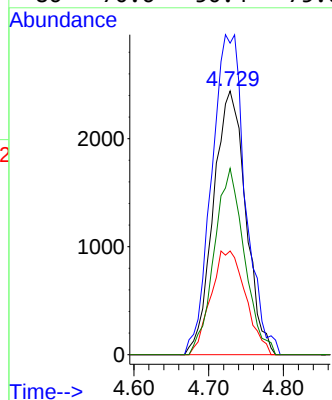
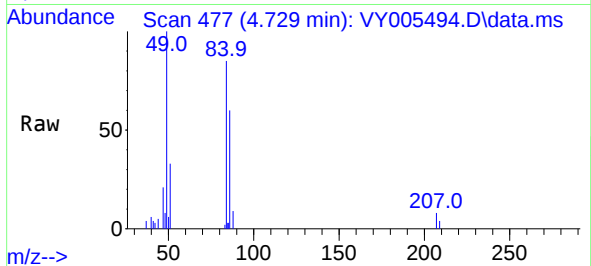


#20
Methylene Chloride
Concen: 6.473 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

Tgt Ion: 84 Resp: 7345

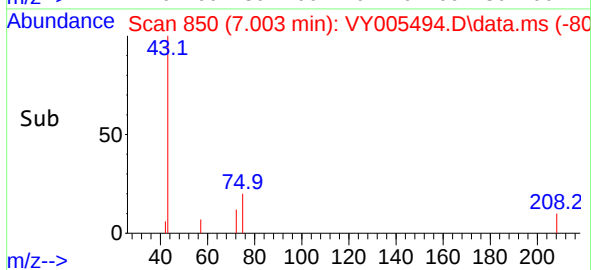
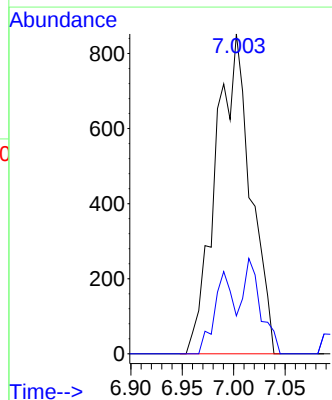
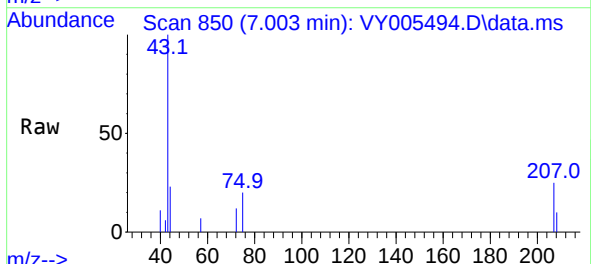
Ion	Ratio	Lower	Upper
84	100		
49	118.1	98.9	148.3
51	39.3	30.0	45.0
86	70.6	50.4	75.6

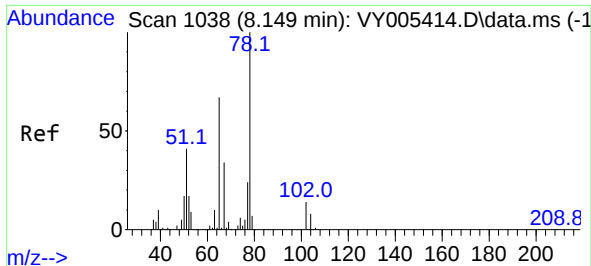


#25
2-Butanone
Concen: 7.974 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion: 43 Resp: 2022

Ion	Ratio	Lower	Upper
43	100		
72	11.9	21.9	32.9#

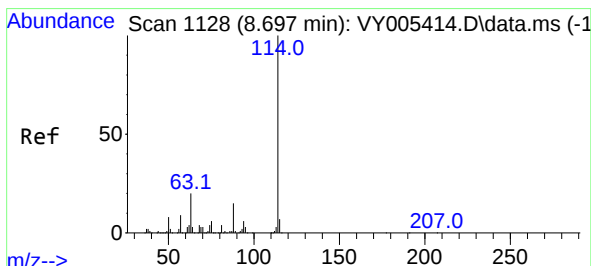
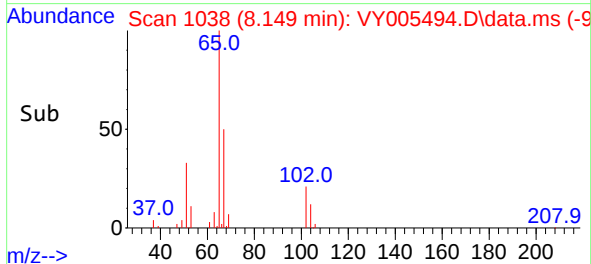
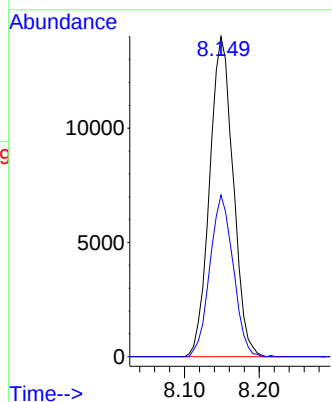
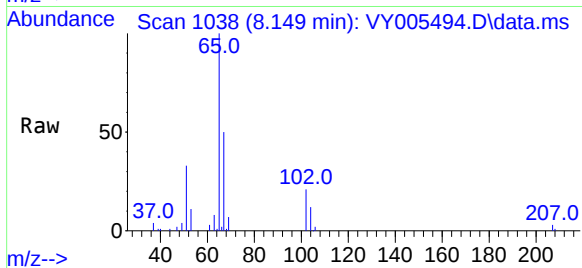




#33
1,2-Dichloroethane-d4
Concen: 41.463 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

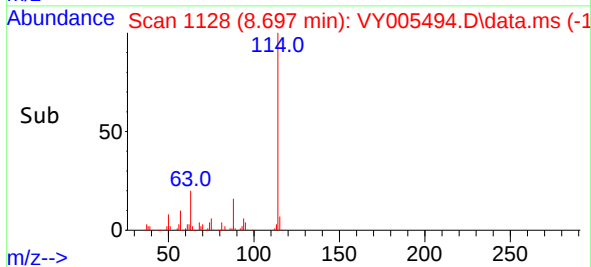
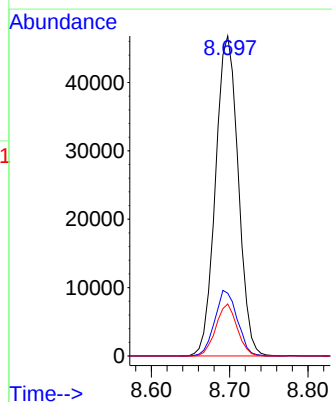
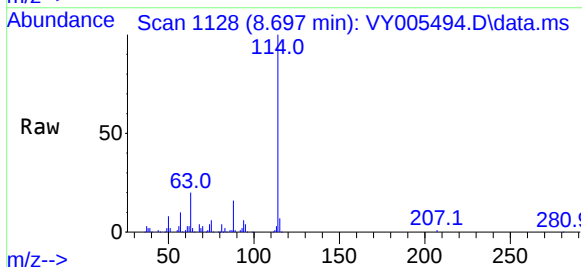
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(1.0-5.0)

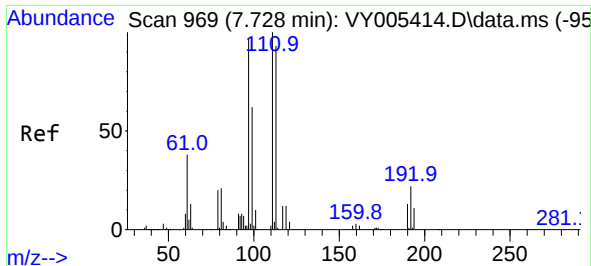
Tgt Ion: 65 Resp: 30742
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion:114 Resp: 94321
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.0
88 16.2 0.0 30.8

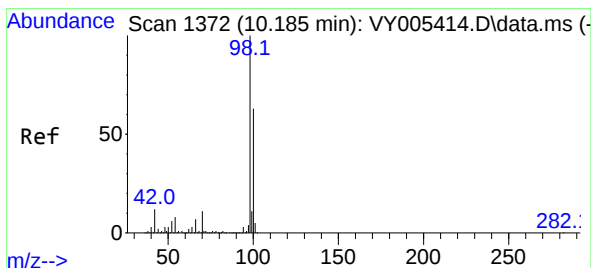
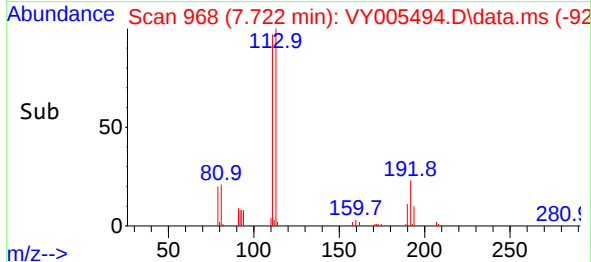
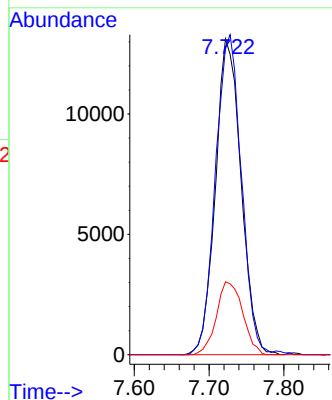
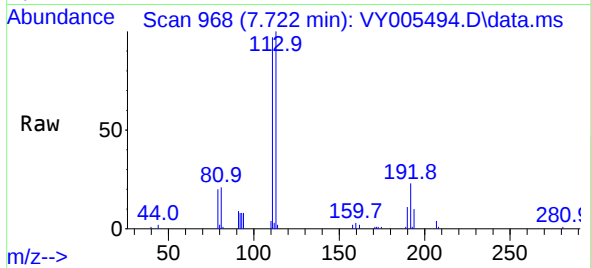




#35
Dibromofluoromethane
Concen: 57.556 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

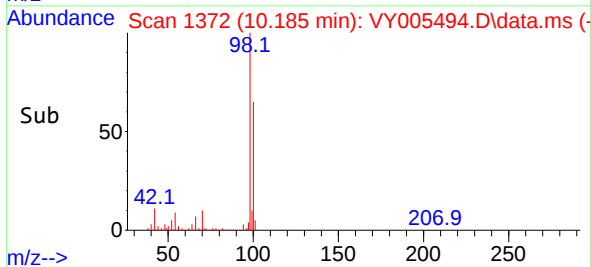
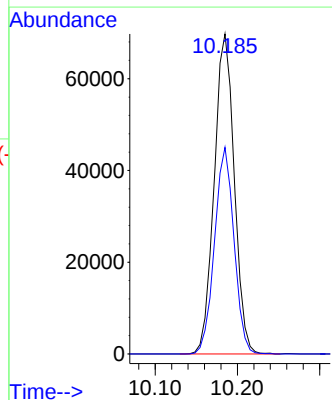
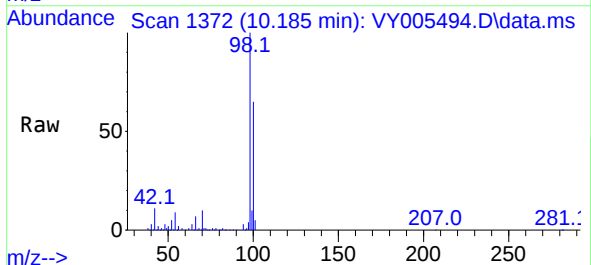
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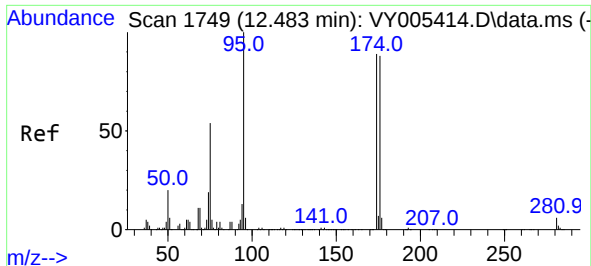
Tgt Ion:113 Resp: 31346
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 23.6 18.9 28.3



#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion: 98 Resp: 118294
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

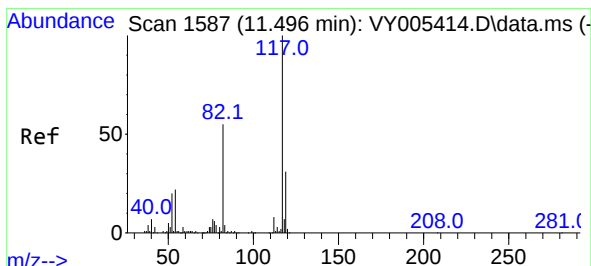
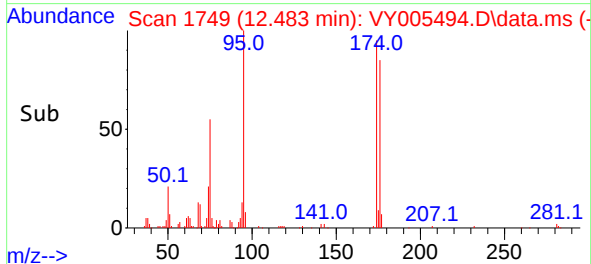
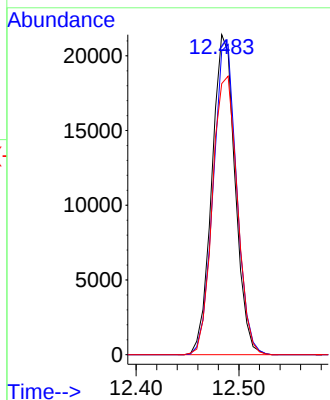
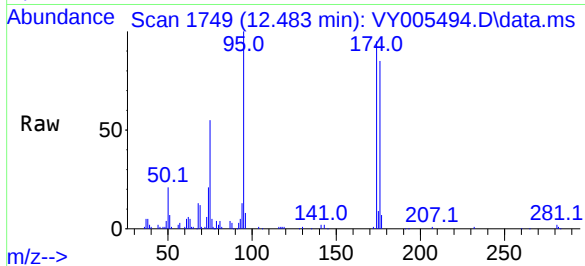




#62
4-Bromofluorobenzene
Concen: 44.012 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

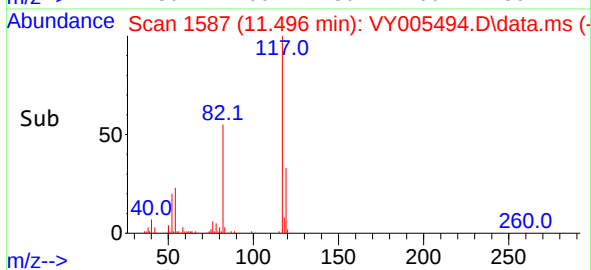
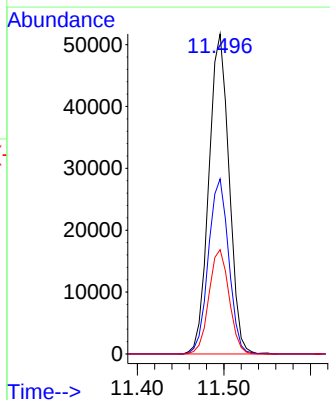
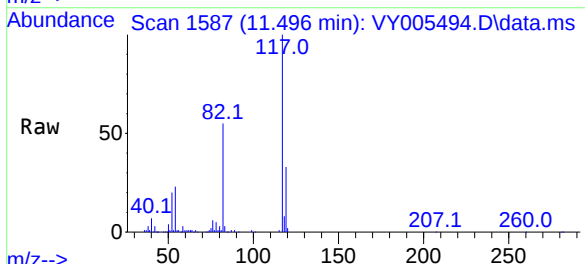
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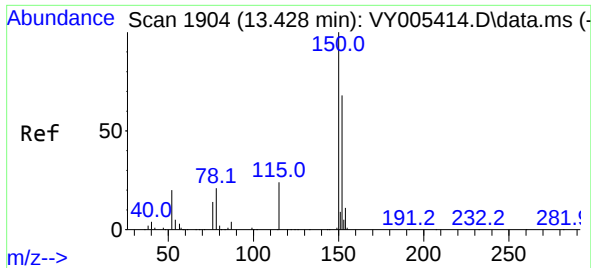
Tgt Ion:	95	Resp:	33530
Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	186.6
176	92.9	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005494.D
Acq: 28 Jul 2021 17:06

Tgt Ion:	117	Resp:	83893
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.6
119	32.6	24.8	37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005494.D
 Acq: 28 Jul 2021 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(1.0-5.0)

Tgt Ion:	152	Resp:	39571
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.7	83.1
150	155.6	0.0	349.6

