

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005429.D
 Acq On : 23 Jul 2021 20:32
 Operator : SY/MD
 Sample : M3159-02
 Misc : 8.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210730-42

Quant Time: Jul 24 03:03:35 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)

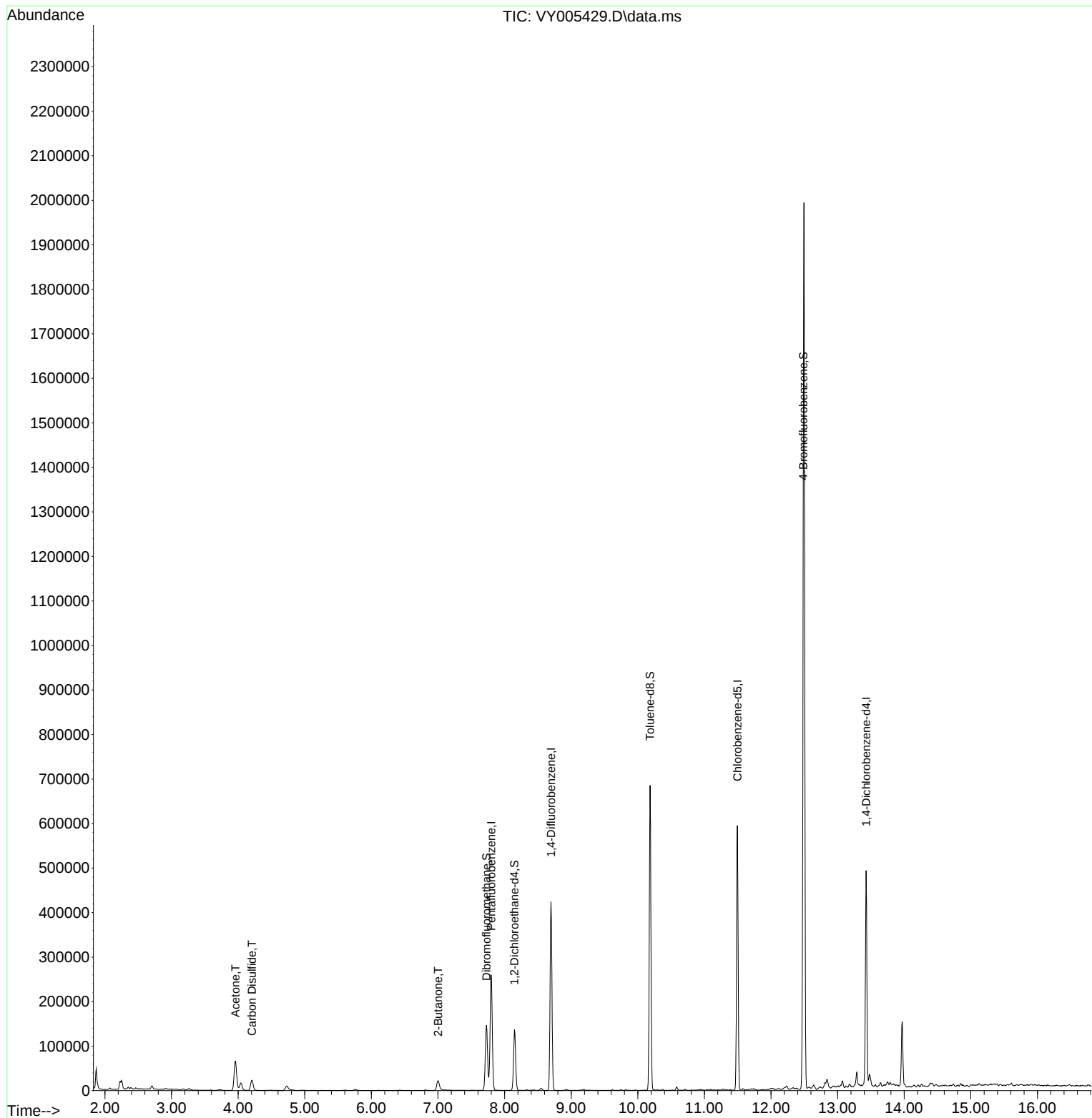
Internal Standards						
1) Pentafluorobenzene	7.801	168	212147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	353315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	310611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	110098	48.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.160%
35) Dibromofluoromethane	7.728	113	100003	49.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.185	98	439870	50.872	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.740%
62) 4-Bromofluorobenzene	12.483	95	129586	45.409	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.820%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	115260	222.686	ug/l	99
17) Carbon Disulfide	4.204	76	46589	6.946	ug/l	100
25) 2-Butanone	7.002	43	34593	44.630	ug/l	95

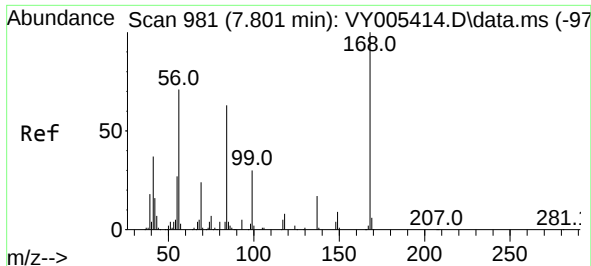
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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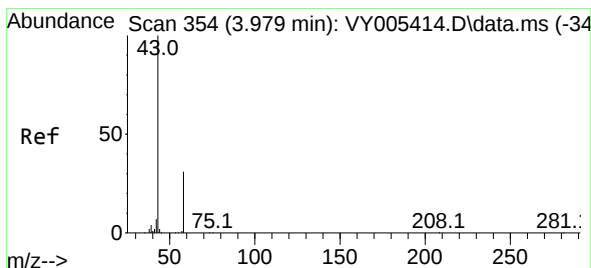
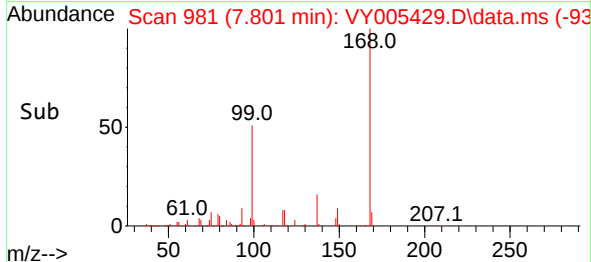
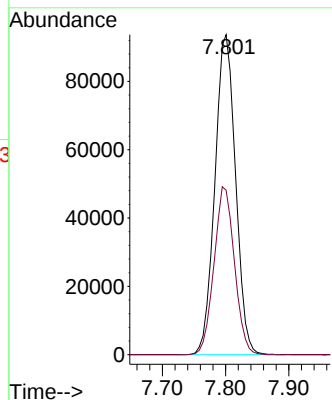
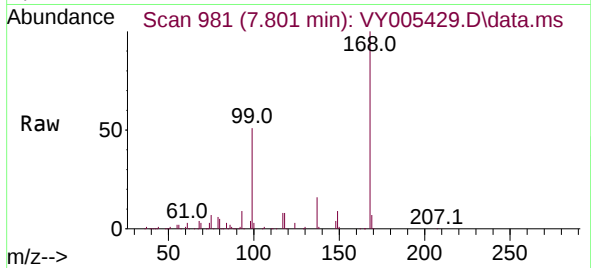




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

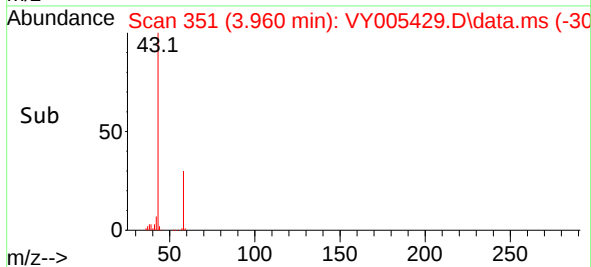
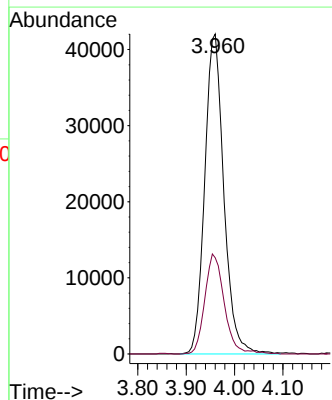
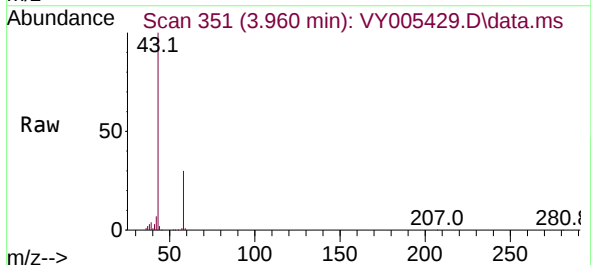
Instrument :
MSVOA_Y
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20210730-42

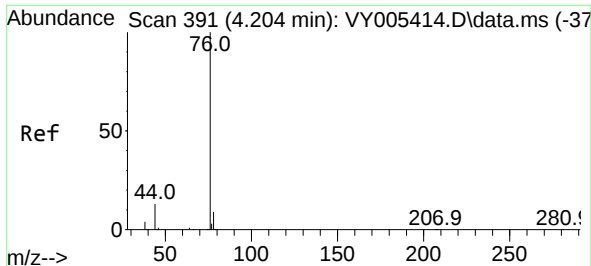
Tgt Ion:168 Resp: 212147
Ion Ratio Lower Upper
168 100
99 51.4 39.8 59.6



#16
Acetone
Concen: 222.686 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

Tgt Ion: 43 Resp: 115260
Ion Ratio Lower Upper
43 100
58 30.1 24.5 36.7

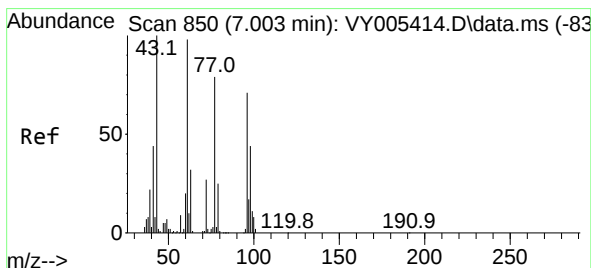
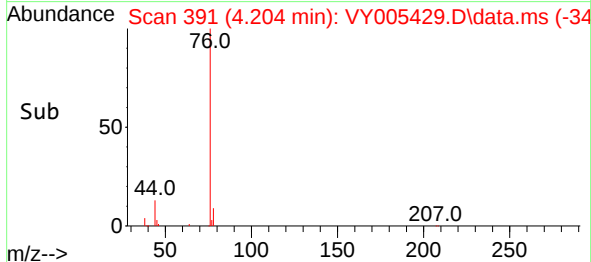
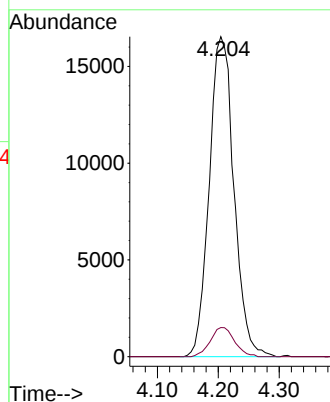
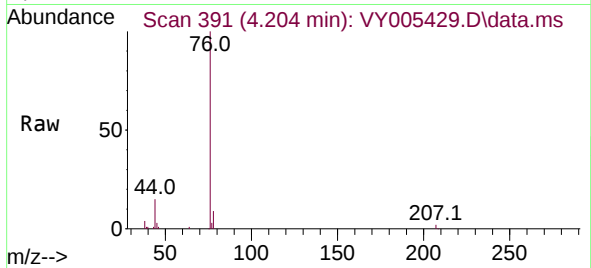




#17
Carbon Disulfide
Concen: 6.946 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

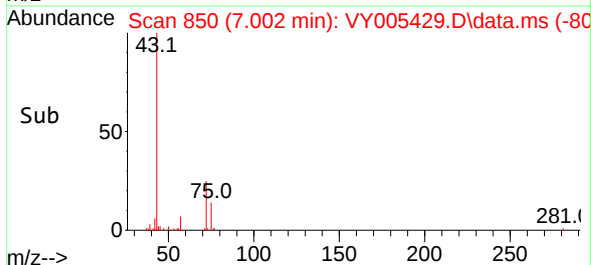
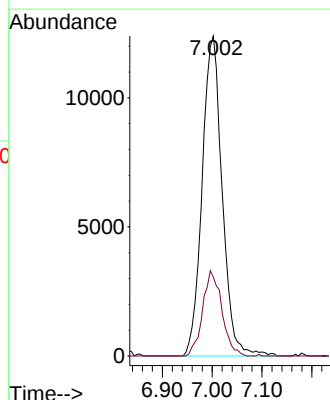
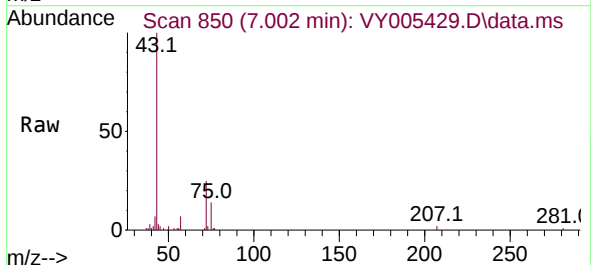
Instrument :
MSVOA_Y
ClientSampleId :
20210730-42

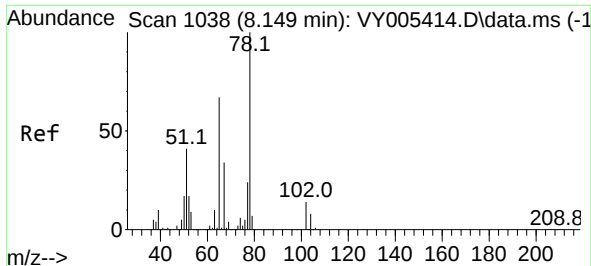
Tgt Ion: 76 Resp: 46589
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#25
2-Butanone
Concen: 44.630 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

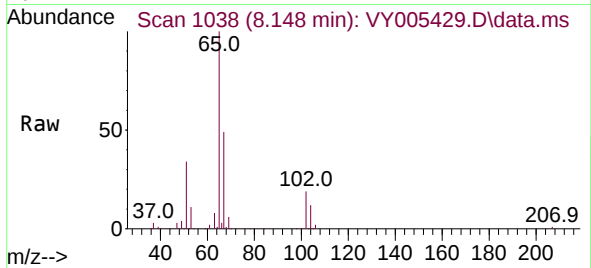
Tgt Ion: 43 Resp: 34593
Ion Ratio Lower Upper
43 100
72 24.6 21.9 32.9



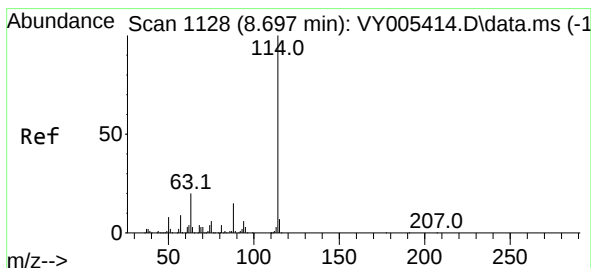
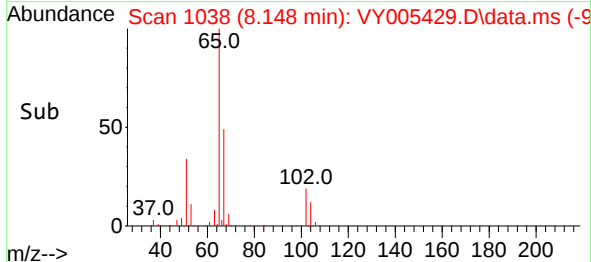
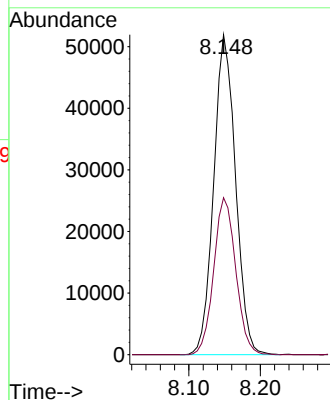


#33
1,2-Dichloroethane-d4
Concen: 48.577 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

Instrument :
MSVOA_Y
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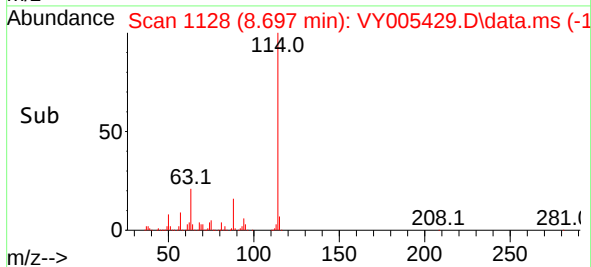
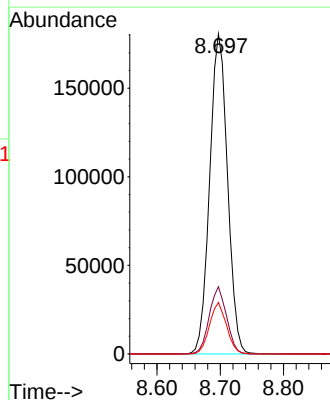
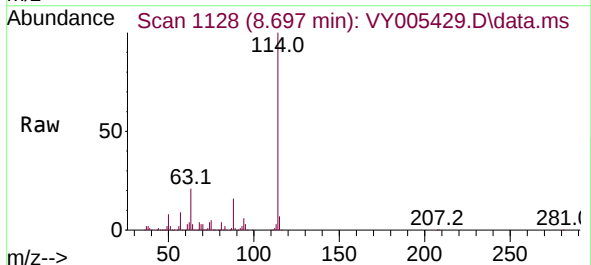


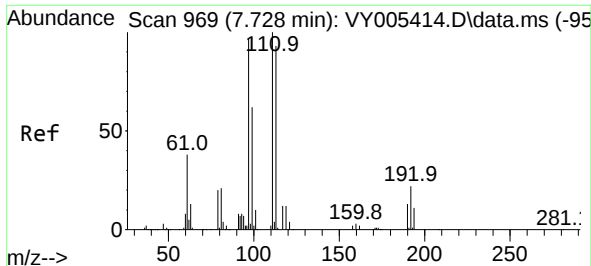
Tgt Ion: 65 Resp: 110098
Ion Ratio Lower Upper
65 100
67 49.5 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

Tgt Ion: 114 Resp: 353315
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.0
88 16.1 0.0 30.8

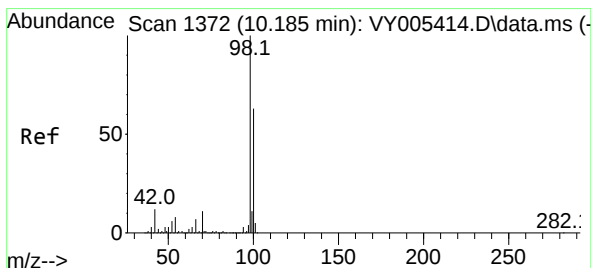
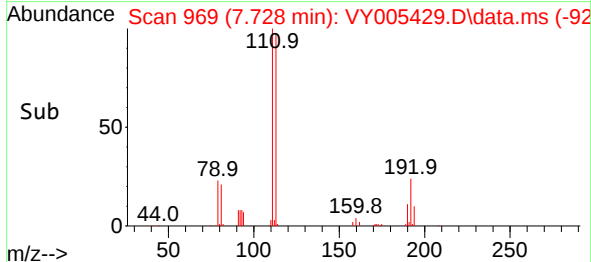
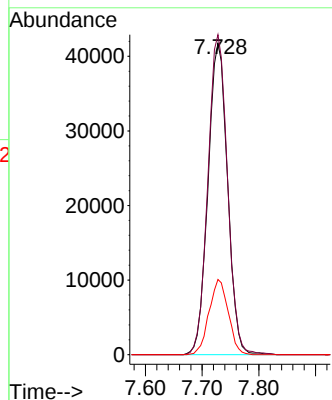
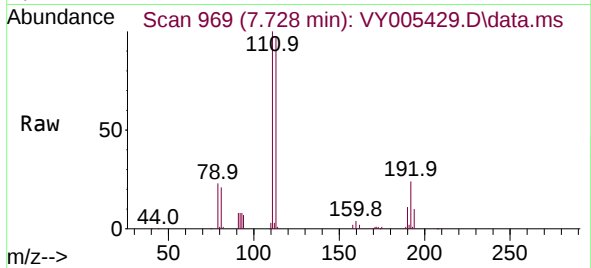




#35
Dibromofluoromethane
Concen: 49.019 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

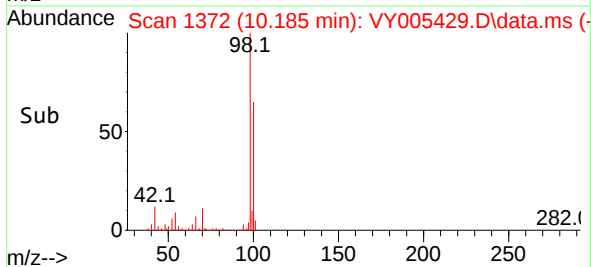
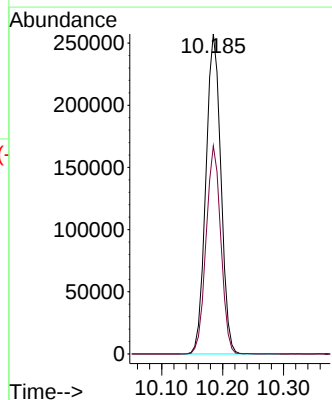
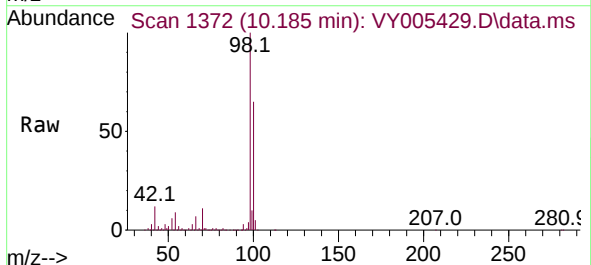
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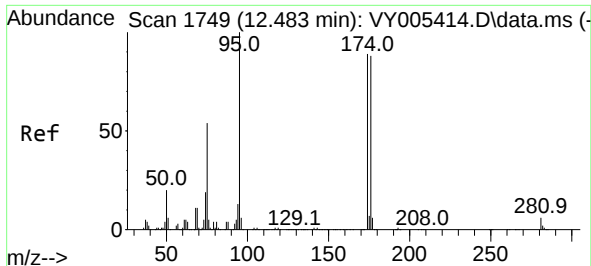
Tgt Ion:113 Resp: 100003
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 23.8 18.9 28.3



#50
Toluene-d8
Concen: 50.872 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

Tgt Ion: 98 Resp: 439870
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

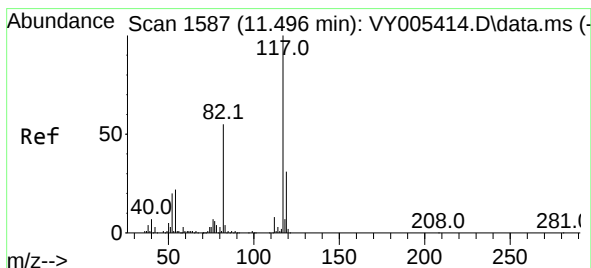
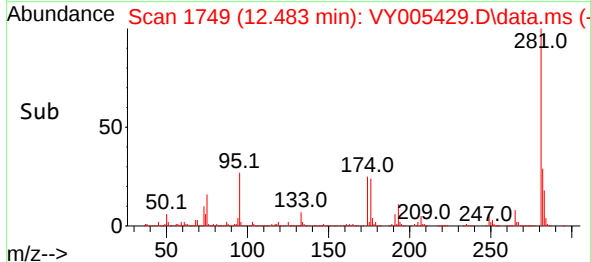
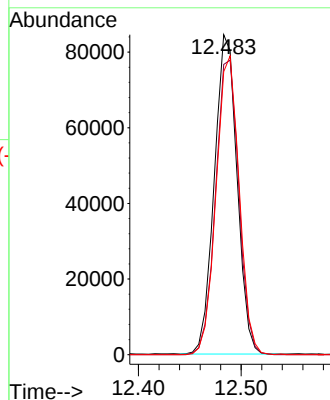
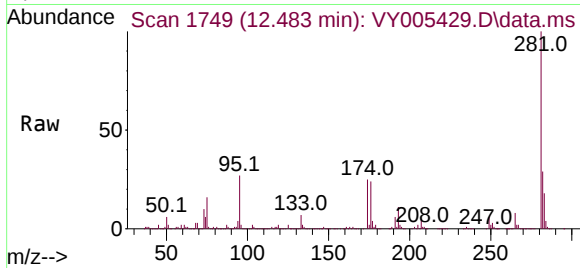




#62
4-Bromofluorobenzene
Concen: 45.409 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

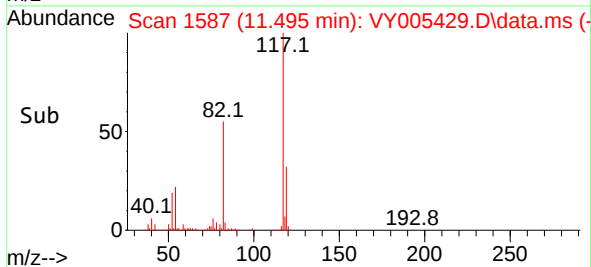
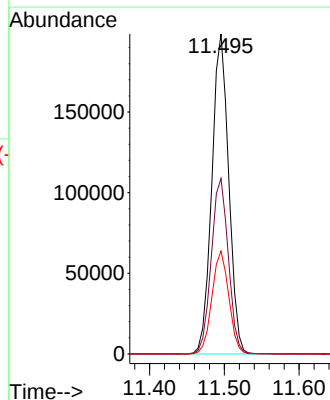
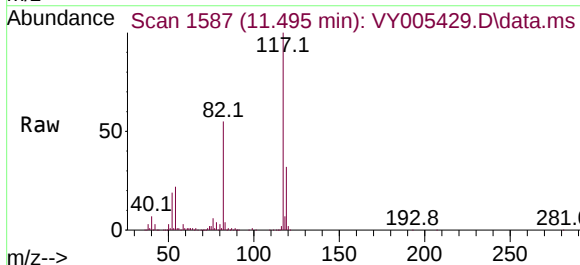
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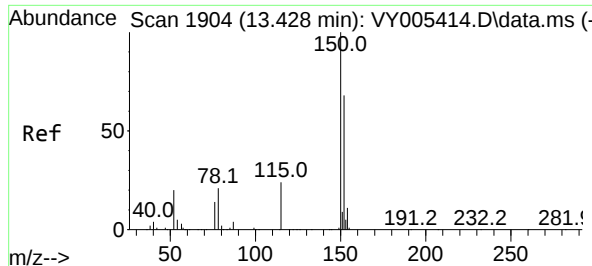
Tgt Ion: 95 Resp: 129586
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.6
176 94.8 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005429.D
Acq: 23 Jul 2021 20:32

Tgt Ion: 117 Resp: 310611
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.6
119 32.1 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: VY005429.D
 Acq: 23 Jul 2021 20:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210730-42

Tgt Ion:152 Resp: 123700
 Ion Ratio Lower Upper
 152 100
 115 54.6 27.7 83.1
 150 156.8 0.0 349.6

