

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005498.D
 Acq On : 28 Jul 2021 18:37
 Operator : SY/MD
 Sample : M3216-02
 Misc : 8.50G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210492-78

Quant Time: Jul 29 05:35:10 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)

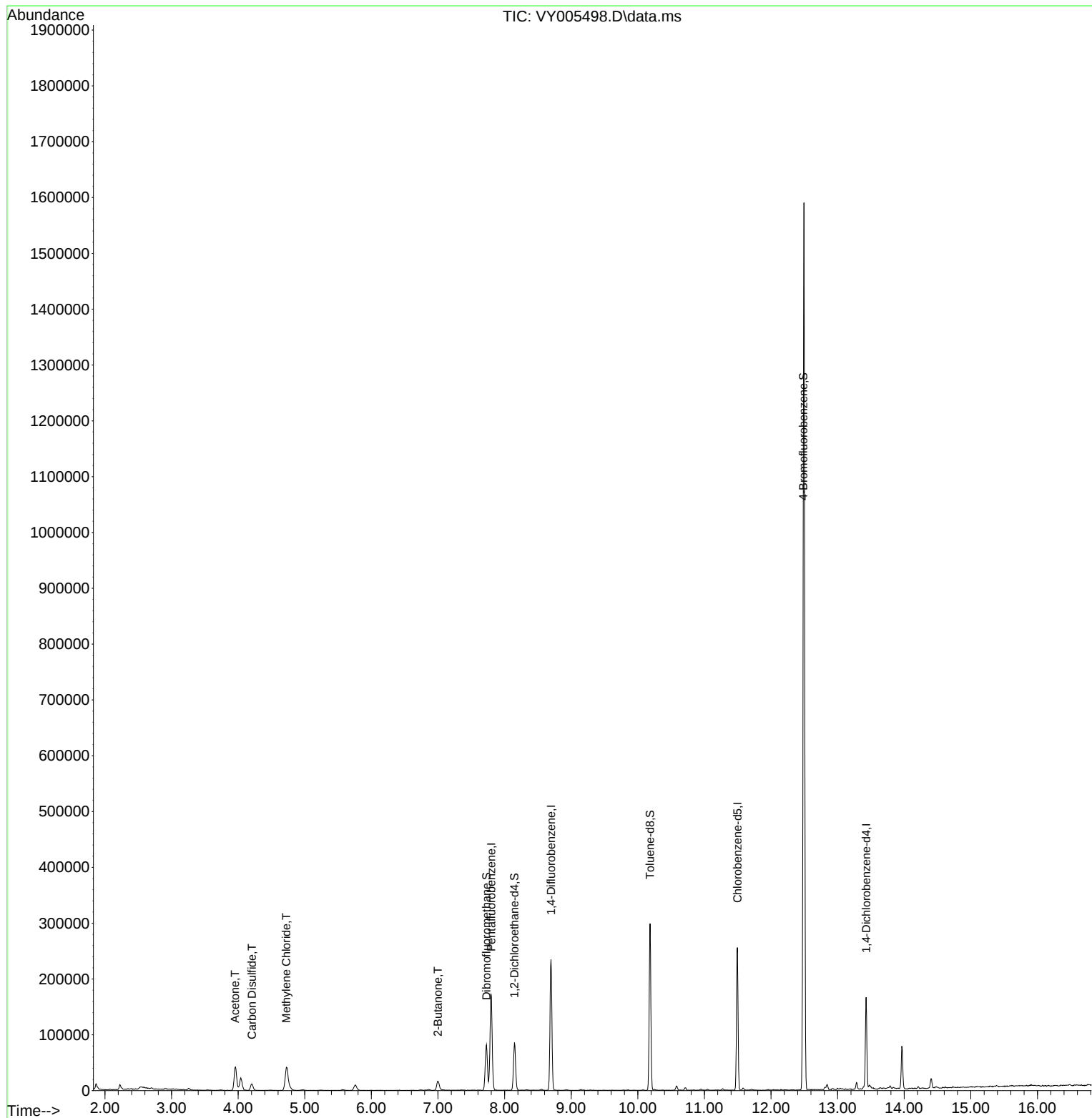
Internal Standards						
1) Pentafluorobenzene	7.801	168	139608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	137132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68826	46.146	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.300%		
35) Dibromofluoromethane	7.728	113	54831	47.461	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.920%		
50) Toluene-d8	10.185	98	191452	39.099	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.200%		
62) 4-Bromofluorobenzene	12.483	95	45638	28.240	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	56.480%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	72924	214.098	ug/l	100
17) Carbon Disulfide	4.204	76	22691	5.141	ug/l	98
20) Methylene Chloride	4.722	84	30290	14.631	ug/l	96
25) 2-Butanone	6.996	43	25758	50.498	ug/l	99

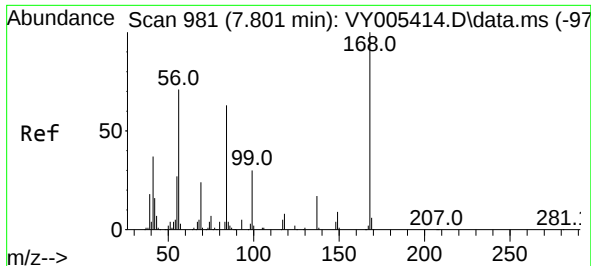
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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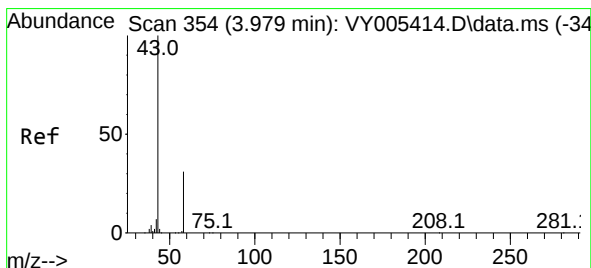
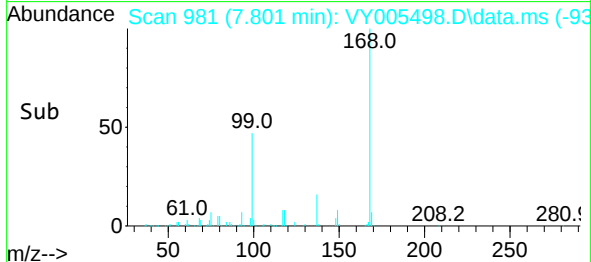
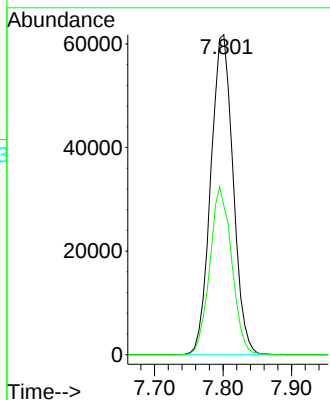
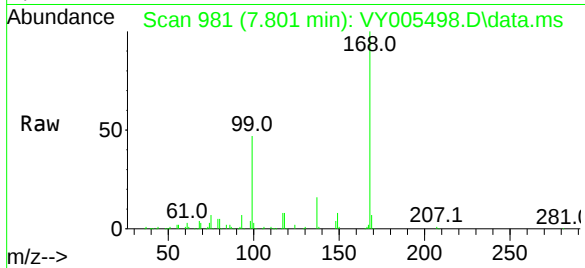




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

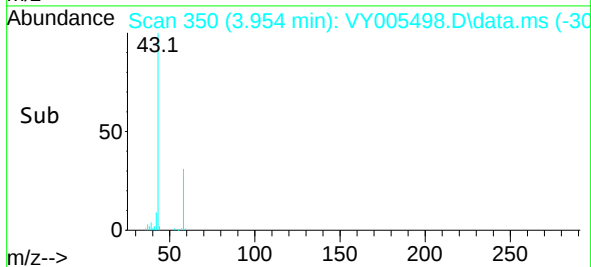
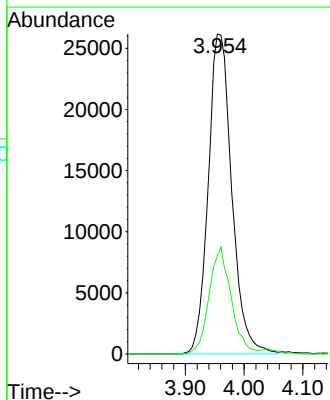
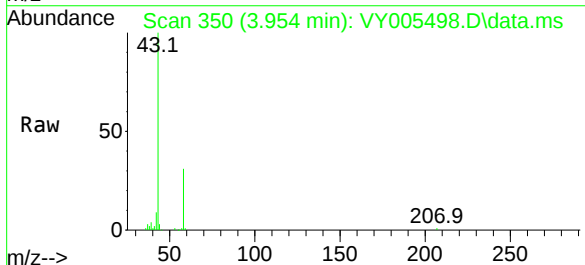
Instrument :
MSVOA_Y
ClientSampleId :
20210492-78

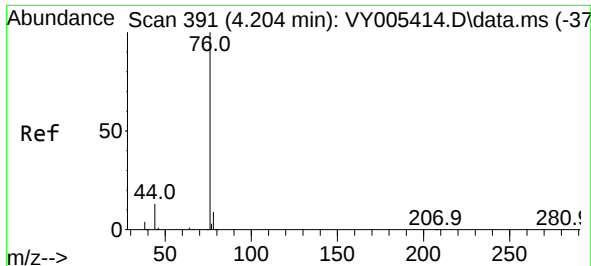
Tgt Ion:168 Resp: 139608
Ion Ratio Lower Upper
168 100
99 46.6 39.8 59.6



#16
Acetone
Concen: 214.098 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

Tgt Ion: 43 Resp: 72924
Ion Ratio Lower Upper
43 100
58 30.5 24.5 36.7

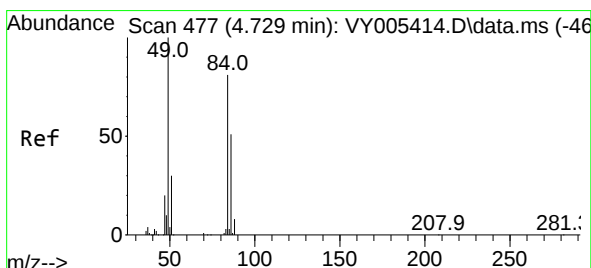
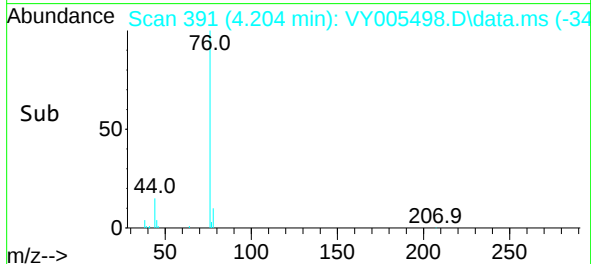
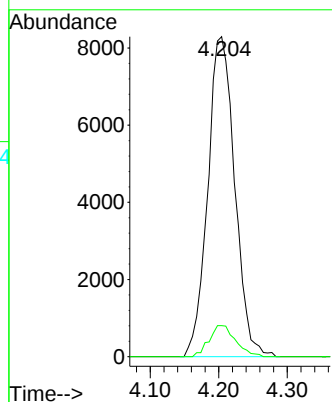
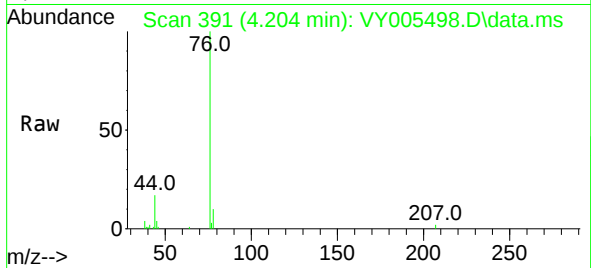




#17
Carbon Disulfide
Concen: 5.141 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

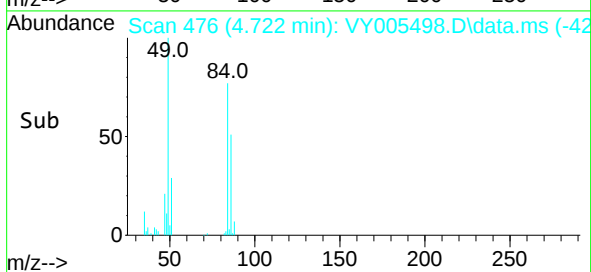
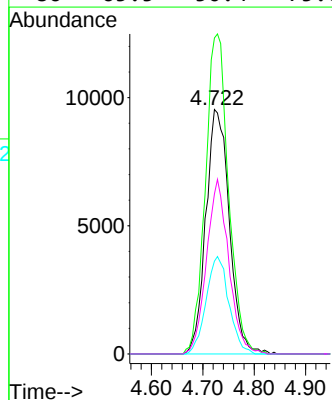
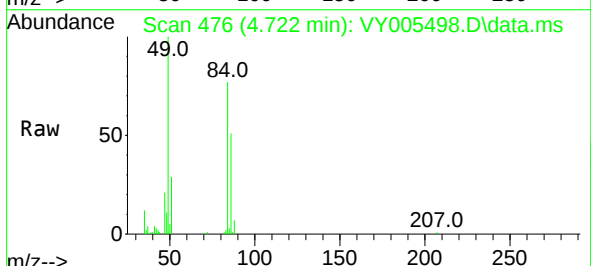
Instrument :
MSVOA_Y
ClientSampleId :
20210492-78

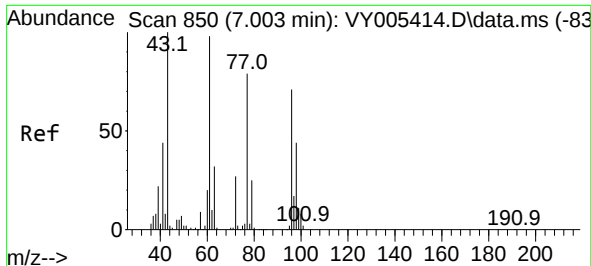
Tgt Ion: 76 Resp: 22691
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#20
Methylene Chloride
Concen: 14.631 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

Tgt Ion: 84 Resp: 30290
Ion Ratio Lower Upper
84 100
49 129.2 98.9 148.3
51 38.0 30.0 45.0
86 65.5 50.4 75.6

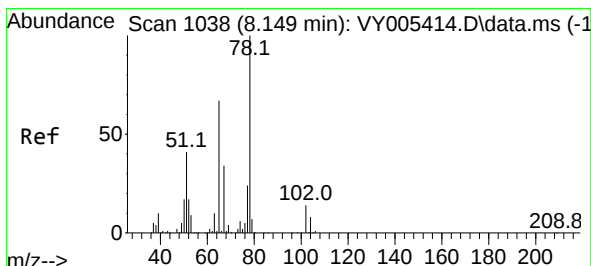
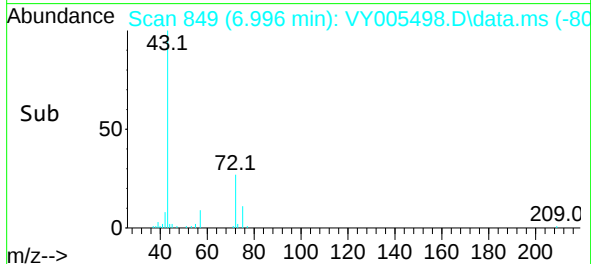
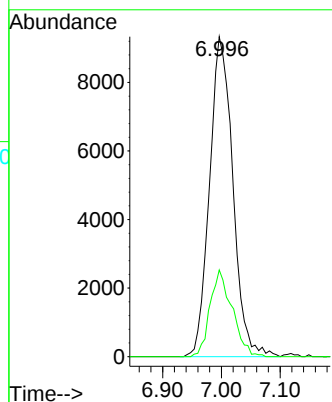
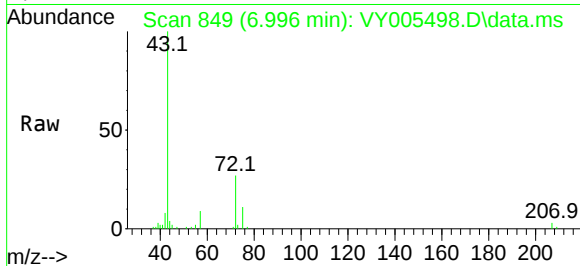




#25
2-Butanone
Concen: 50.498 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

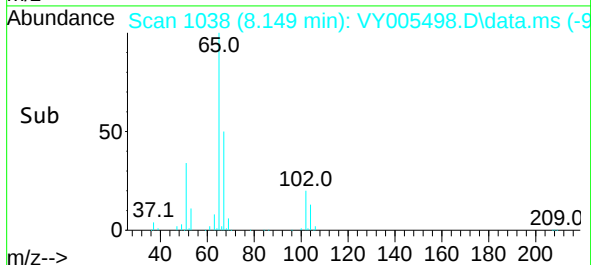
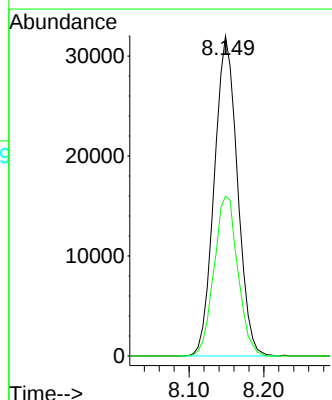
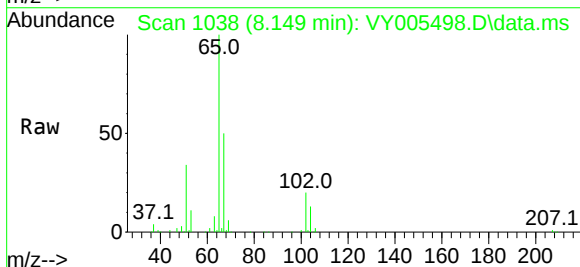
Instrument :
MSVOA_Y
ClientSampleId :
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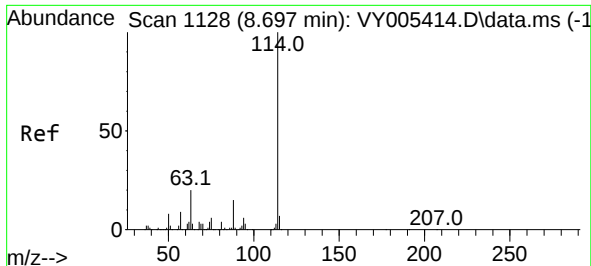
Tgt Ion: 43 Resp: 25758
Ion Ratio Lower Upper
43 100
72 27.1 21.9 32.9



#33
1,2-Dichloroethane-d4
Concen: 46.146 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

Tgt Ion: 65 Resp: 68826
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2

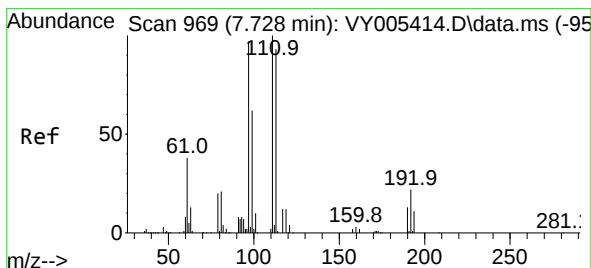
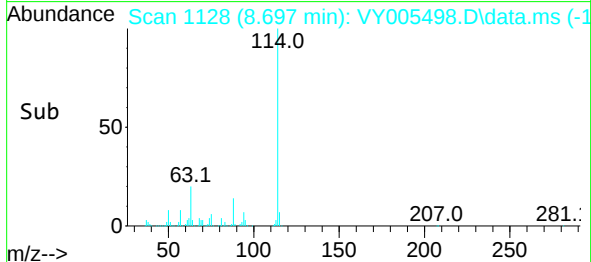
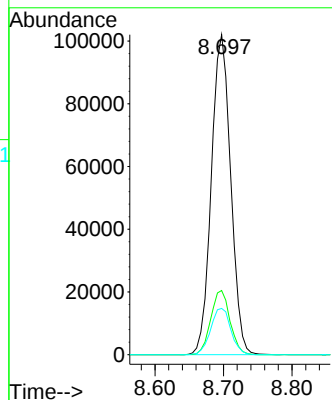
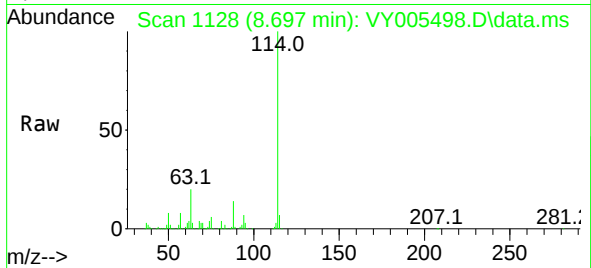




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

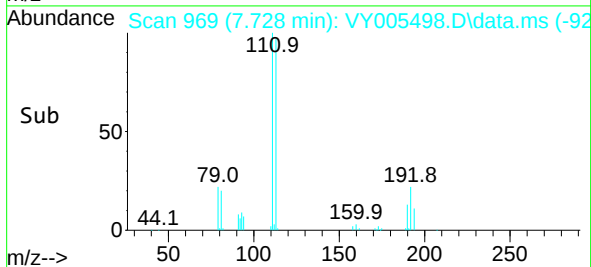
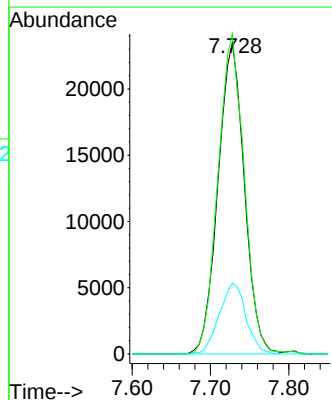
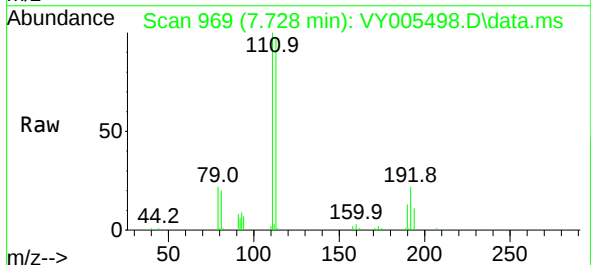
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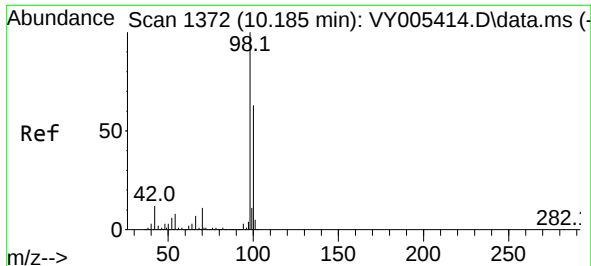
Tgt Ion:	114	Resp:	200083
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	14.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 47.461 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

Tgt Ion:	113	Resp:	54831
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	124.0
192	23.0	18.9	28.3

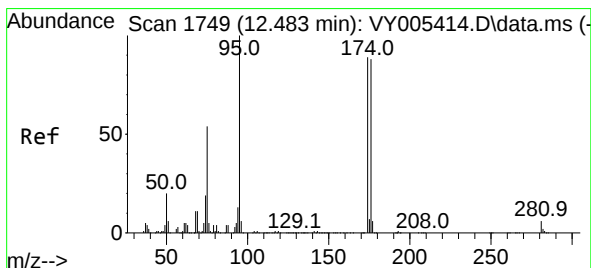
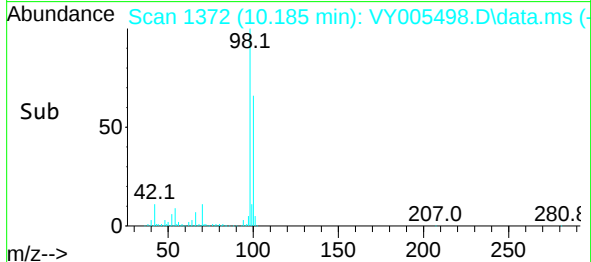
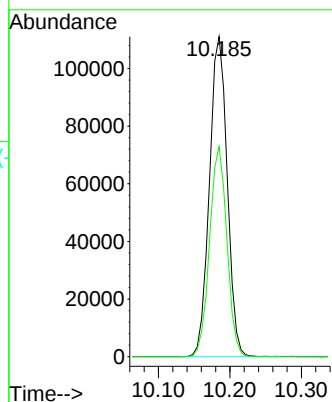
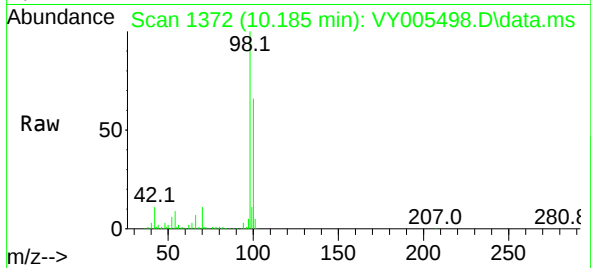




#50
Toluene-d8
Concen: 39.099 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

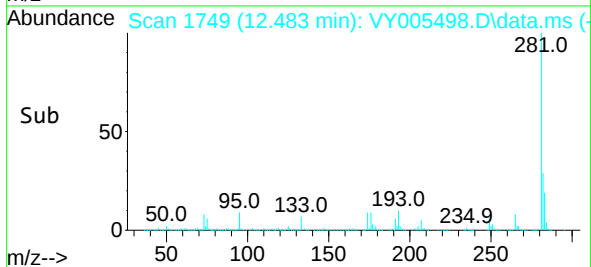
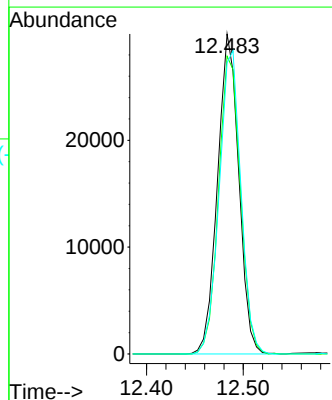
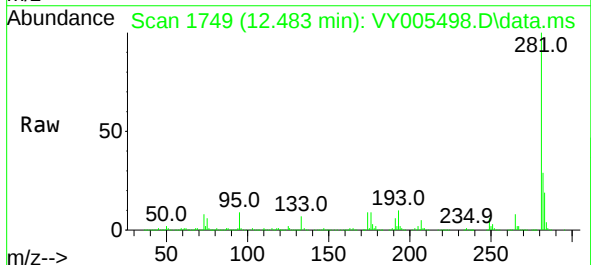
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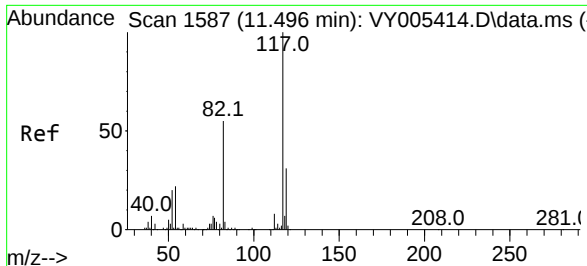
Tgt Ion: 98 Resp: 191452
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 28.240 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

Tgt Ion: 95 Resp: 45638
Ion Ratio Lower Upper
95 100
174 95.5 0.0 186.6
176 96.7 0.0 182.4

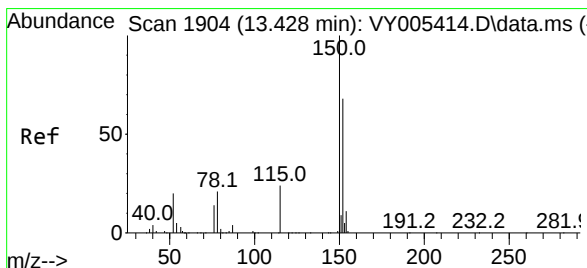
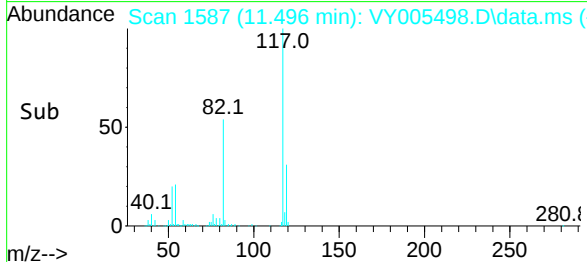
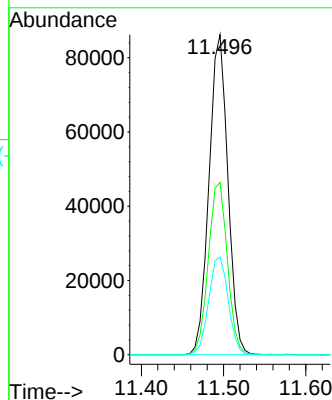
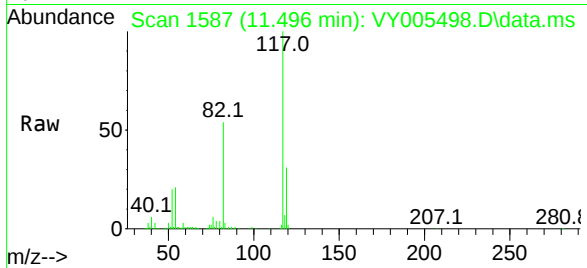




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005498.D
Acq: 28 Jul 2021 18:37

Instrument :
MSVOA_Y
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Tgt Ion:	117	Resp:	137132
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.6
119	30.5	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: VY005498.D
Acq: 28 Jul 2021 18:37

Tgt Ion:	152	Resp:	41626
Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.7	83.1
150	155.9	0.0	349.6

