

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005434.D
 Acq On : 23 Jul 2021 22:28
 Operator : SY/MD
 Sample : M3159-07
 Misc : 4.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210442-28

Manual Integrations
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Quant Time: Jul 24 03:05:02 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	226471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	402090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	363417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	157443	65.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.14%			
35) Dibromofluoromethane	7.728	113	124077	53.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.88%			
50) Toluene-d8	10.185	98	453083	46.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.08%			
62) 4-Bromofluorobenzene	12.483	95	165490	50.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.92%			
Target Compounds					Qvalue	
13) Acrolein	3.741	56	1928	9.21	ug/l	88
16) Acetone	3.960	43	27179	49.19	ug/l	93
17) Carbon Disulfide	4.204	76	17502	2.44	ug/l	98
18) Methyl Acetate	4.478	43	1613m	1.04	ug/l	
20) Methylene Chloride	4.728	84	31298	8.82	ug/l	98
25) 2-Butanone	6.996	43	11166	13.49	ug/l	94

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

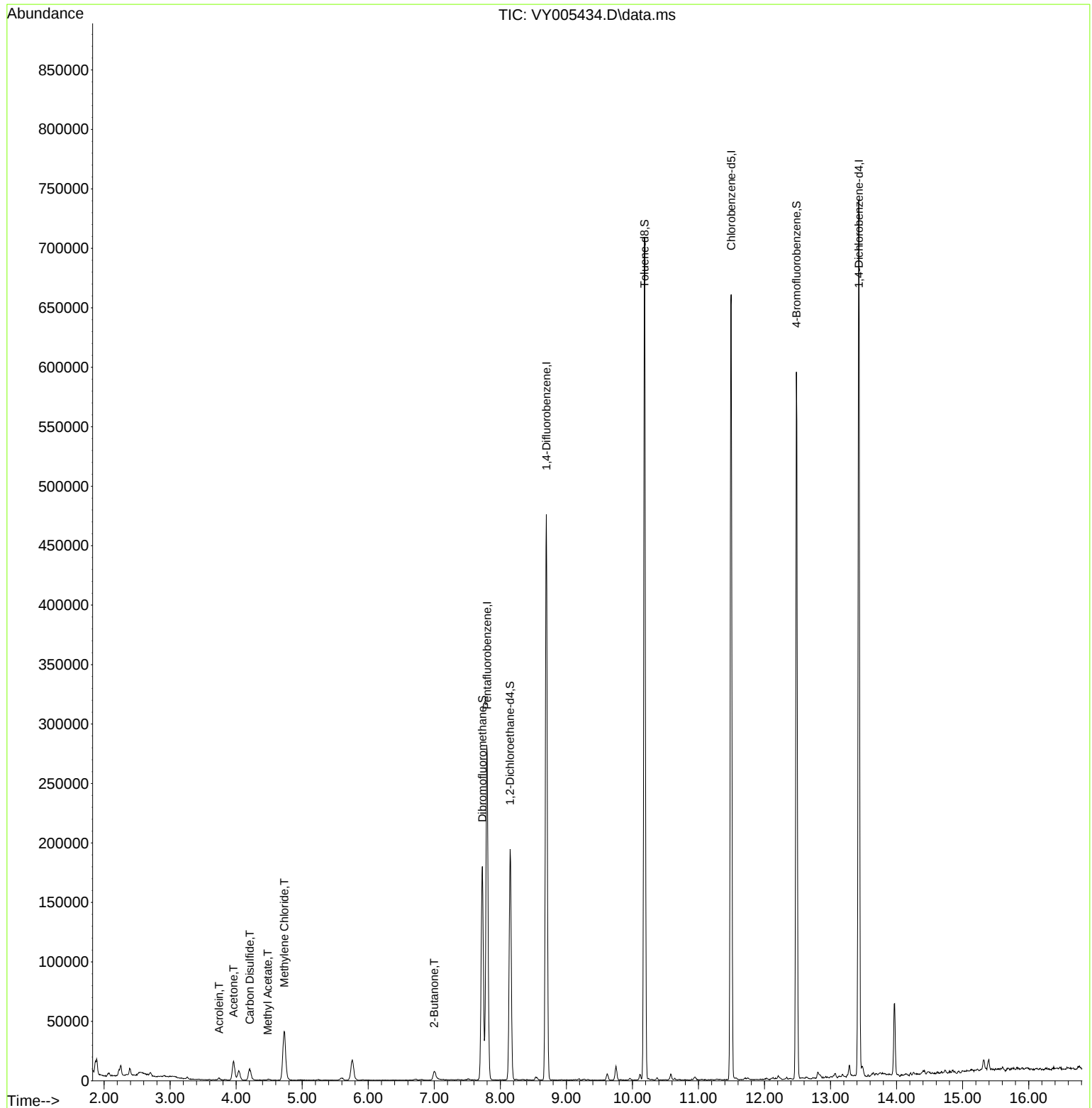
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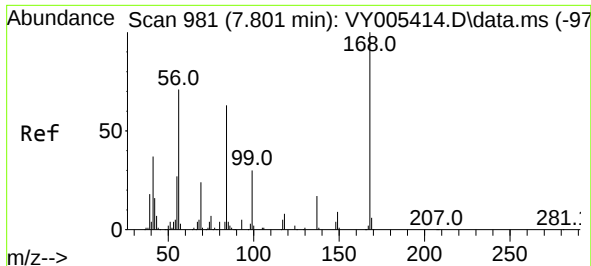
Instrument :
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Quant Time: Jul 24 03:05:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:20:14 2021
Response via : Initial Calibration





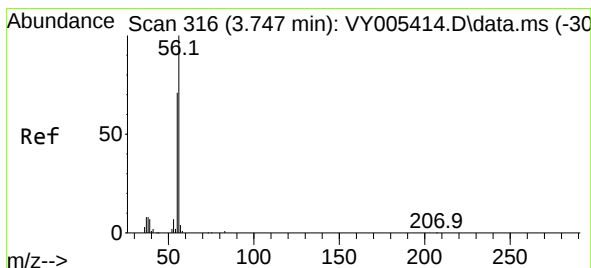
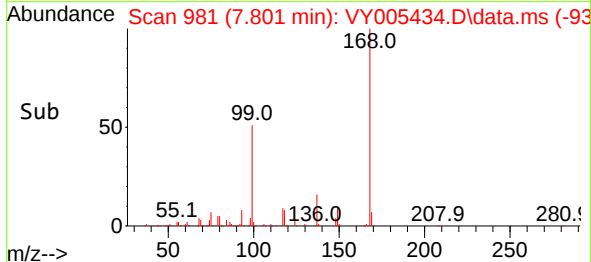
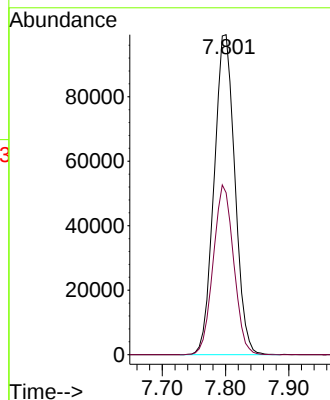
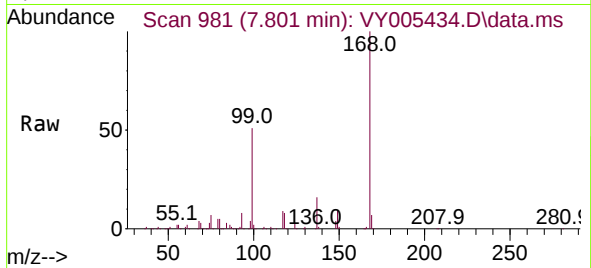
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion:168 Resp: 226471
Ion Ratio Lower Upper
168 100
99 50.6 39.8 59.6

Instrument :
MSVOA_Y
ClientSampleId :
20210442-28

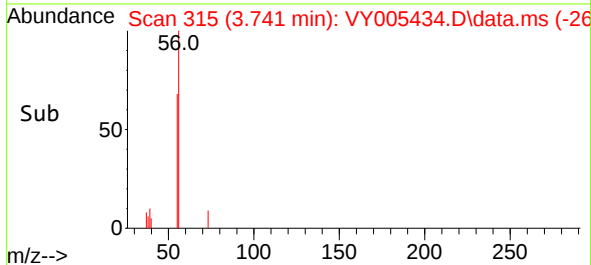
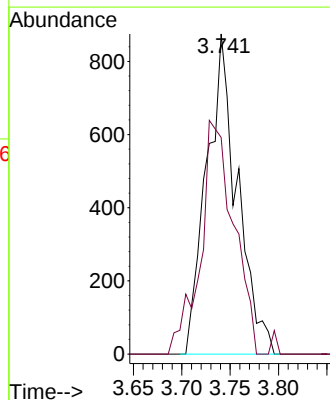
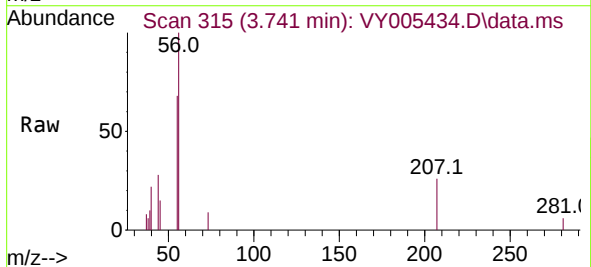
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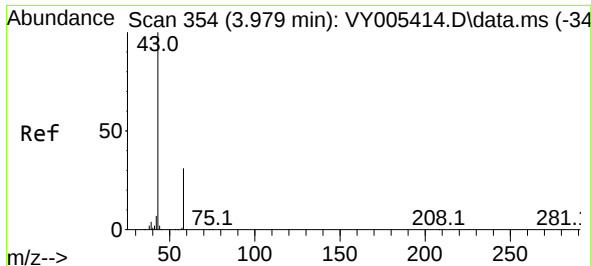
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#13
Acrolein
Concen: 9.21 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 56 Resp: 1928
Ion Ratio Lower Upper
56 100
55 79.1 55.2 82.8





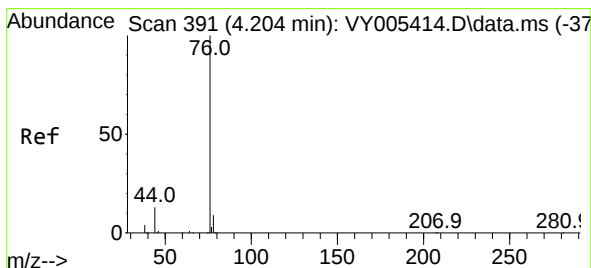
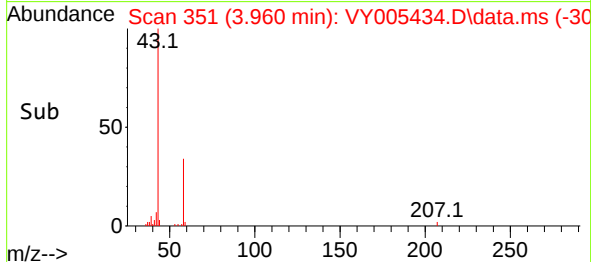
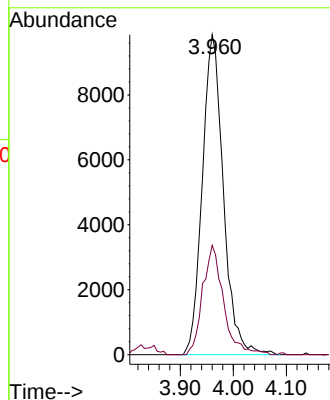
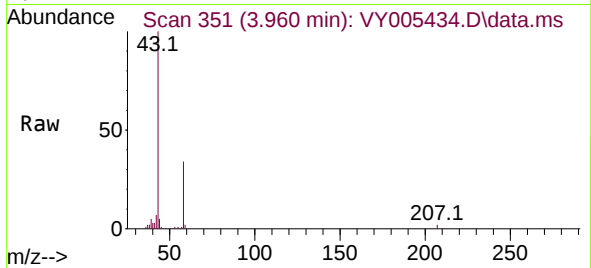
#16
Acetone
Concen: 49.19 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 43 Resp: 27179
Ion Ratio Lower Upper
43 100
58 34.2 24.5 36.7

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MSVOA_Y
ClientSampleId :
20210442-28

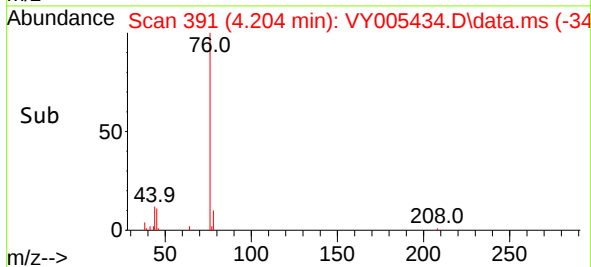
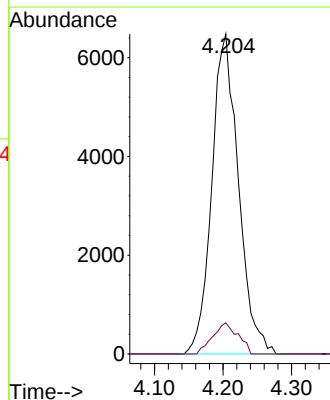
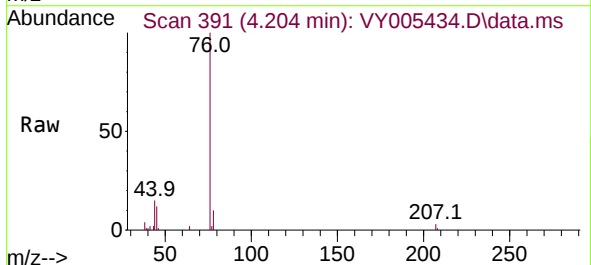
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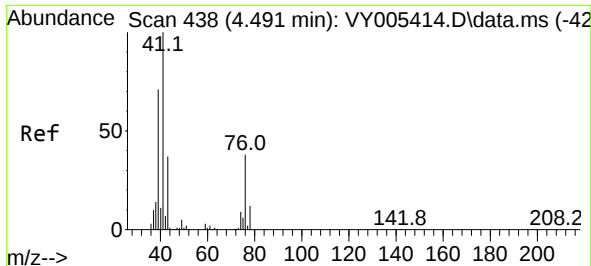
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#17
Carbon Disulfide
Concen: 2.44 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

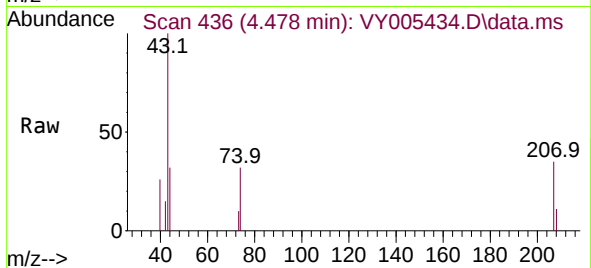
Tgt Ion: 76 Resp: 17502
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9





#18
Methyl Acetate
Concen: 1.04 ug/l m
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

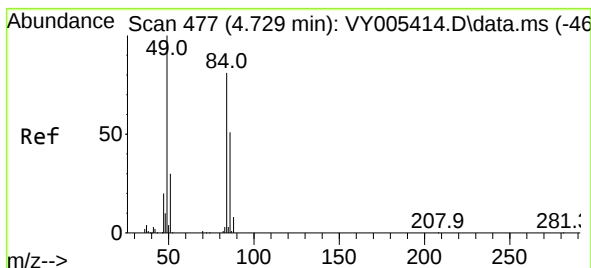
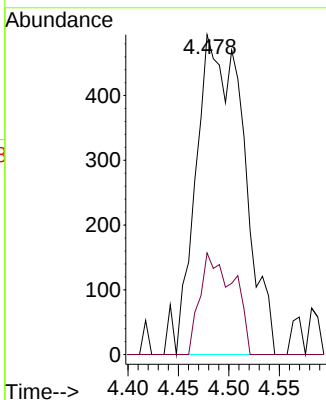
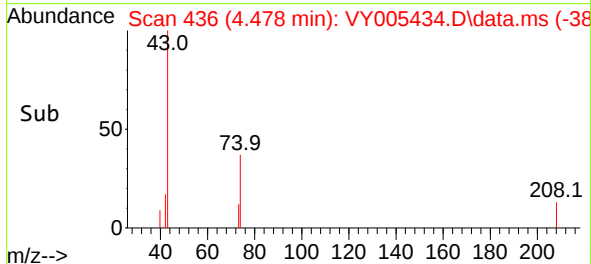
Instrument :
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ClientSampleId :
20210442-28



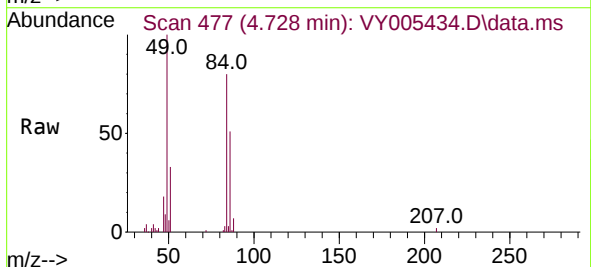
Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
74 22.4 19.2 28.8

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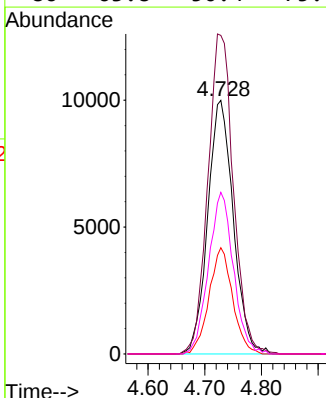
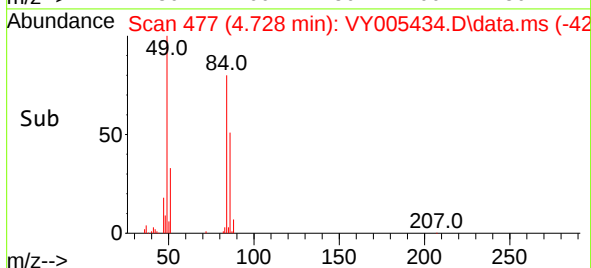
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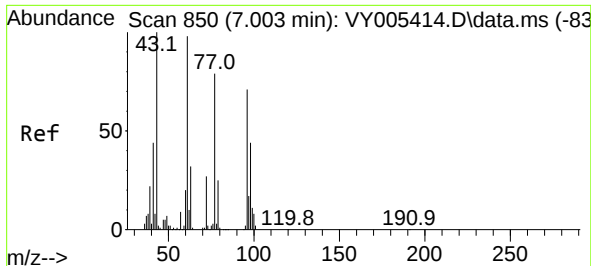


#20
Methylene Chloride
Concen: 8.82 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28



Tgt Ion: 84 Resp: 31298
Ion Ratio Lower Upper
84 100
49 125.6 98.9 148.3
51 41.9 30.0 45.0
86 63.8 50.4 75.6





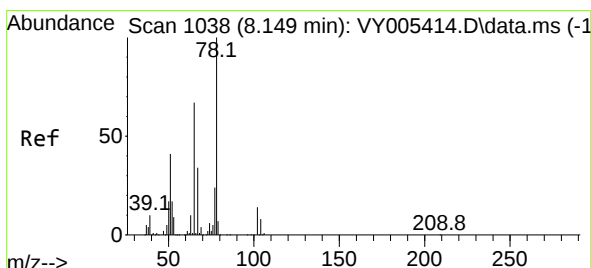
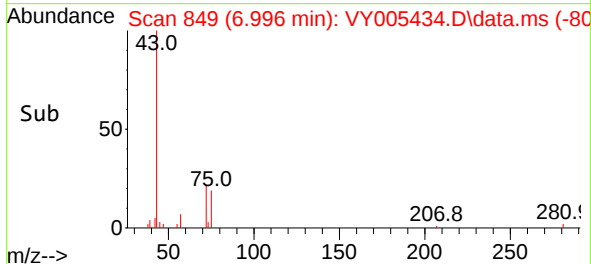
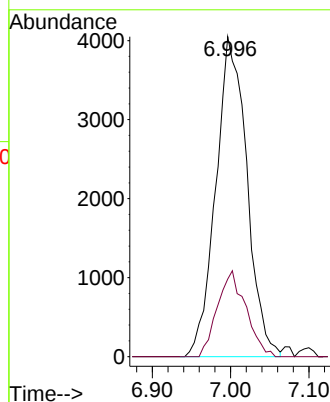
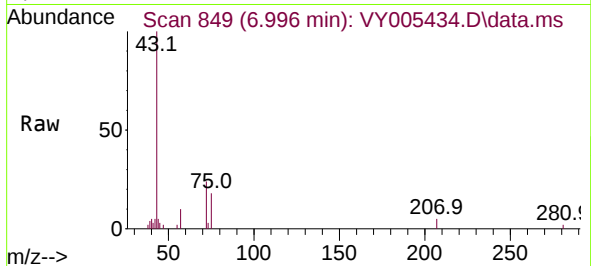
#25
2-Butanone
Concen: 13.49 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 43 Resp: 11166
Ion Ratio Lower Upper
43 100
72 24.2 21.9 32.9

Instrument :
MSVOA_Y
ClientSampleId :
20210442-28

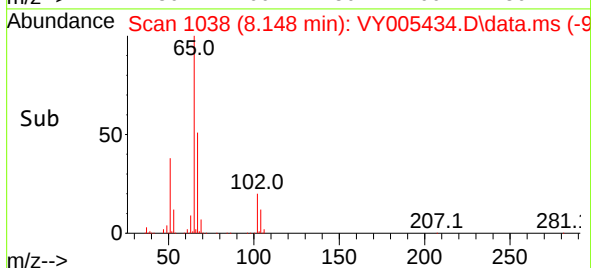
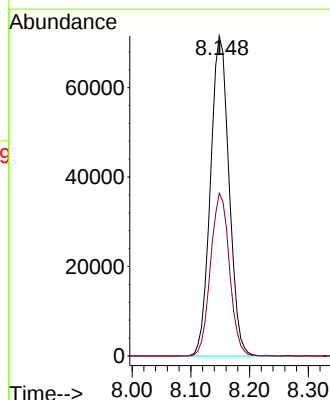
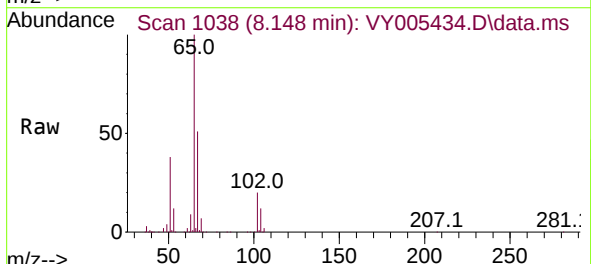
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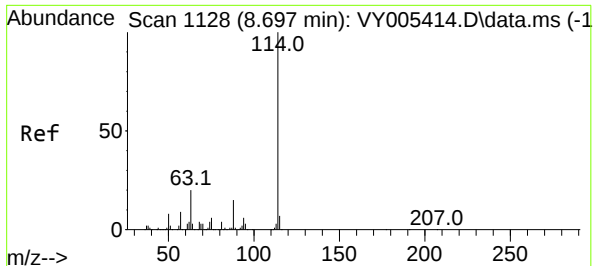
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#33
1,2-Dichloroethane-d4
Concen: 65.07 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 65 Resp: 157443
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.2





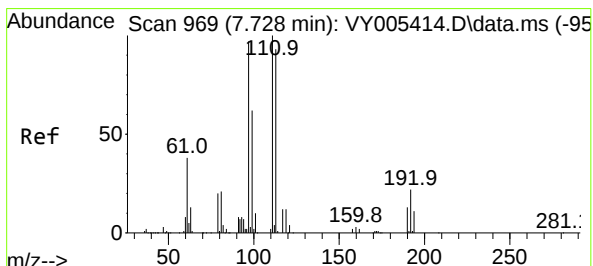
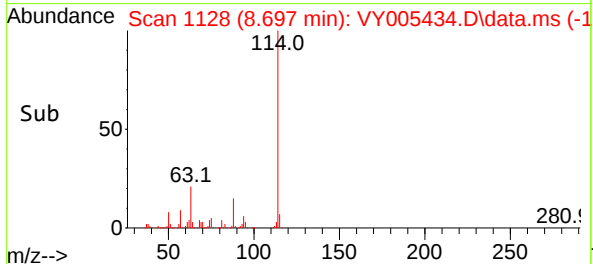
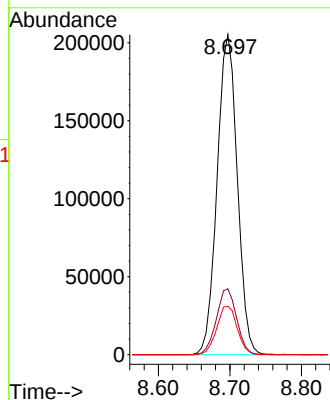
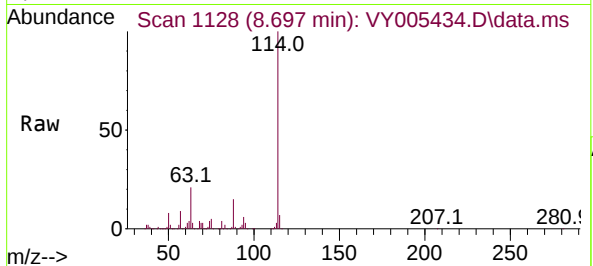
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion:114 Resp: 402090
Ion Ratio Lower Upper
114 100
63 20.6 0.0 39.0
88 15.1 0.0 30.8

Instrument :
MSVOA_Y
ClientSampleId :
20210442-28

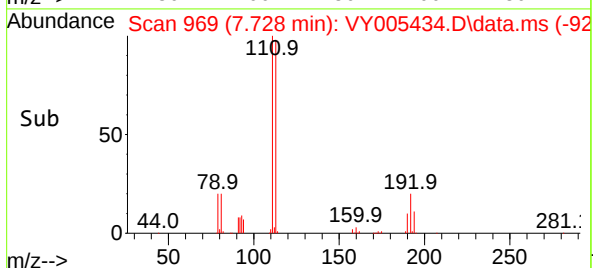
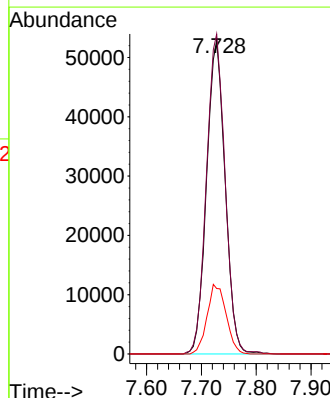
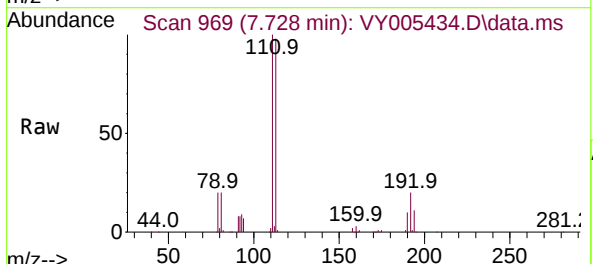
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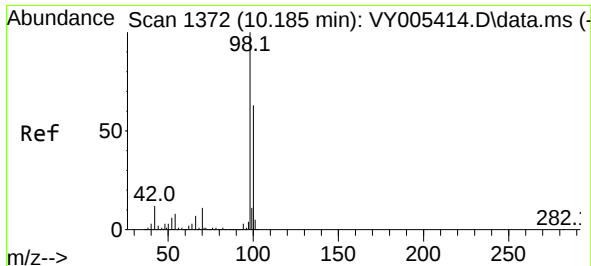
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7/26/2021 5:20:34 PM



#35
Dibromofluoromethane
Concen: 53.44 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion:113 Resp: 124077
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 22.7 18.9 28.3





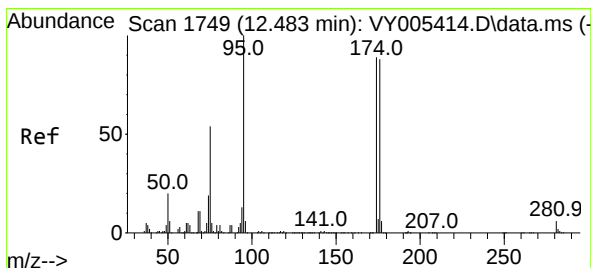
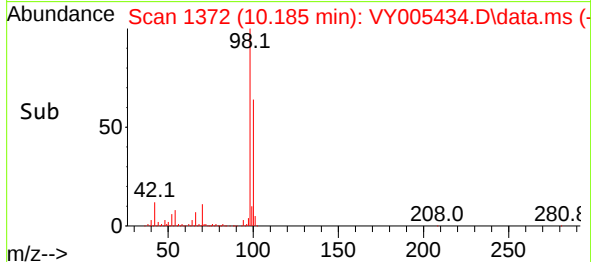
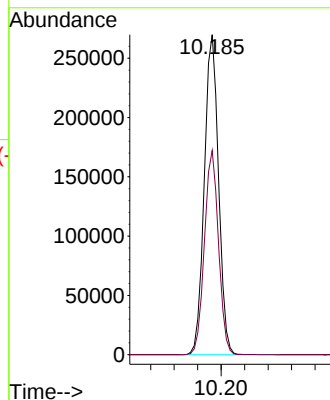
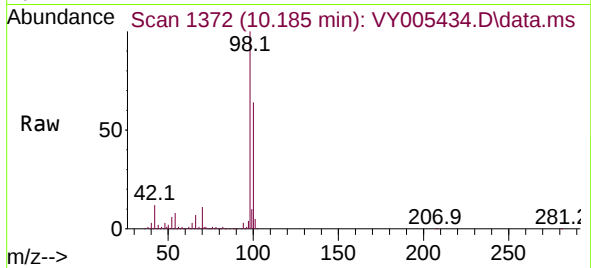
#50
Toluene-d8
Concen: 46.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

Tgt Ion: 98 Resp: 453083
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

Instrument :
MSVOA_Y
ClientSampleId :
20210442-28

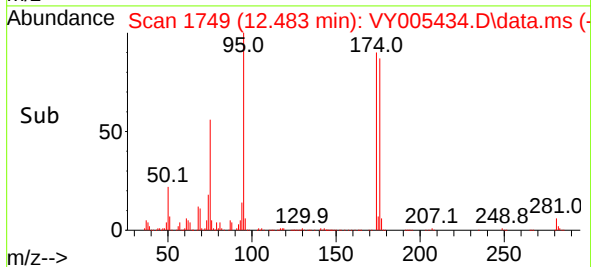
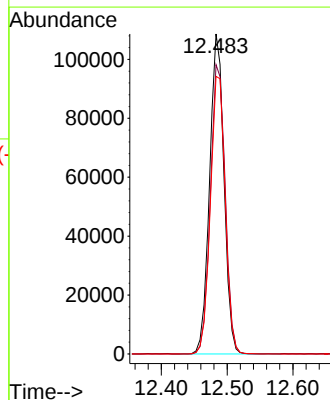
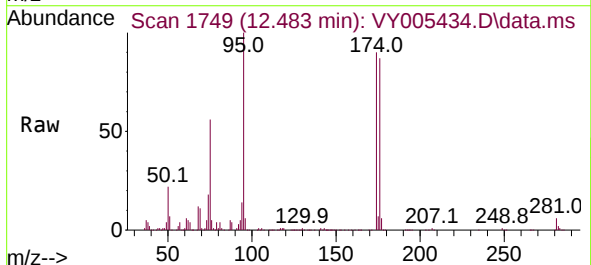
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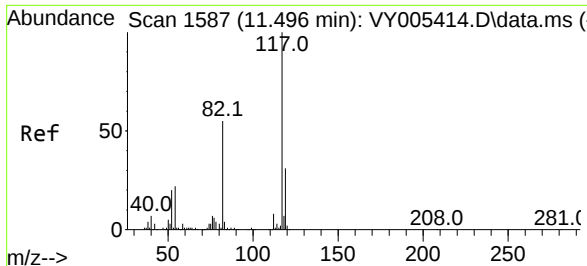
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7/26/2021 5:20:34 PM



#62
4-Bromofluorobenzene
Concen: 50.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

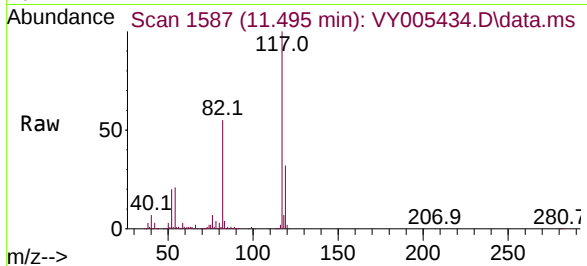
Tgt Ion: 95 Resp: 165490
Ion Ratio Lower Upper
95 100
174 92.9 0.0 186.6
176 89.5 0.0 182.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28

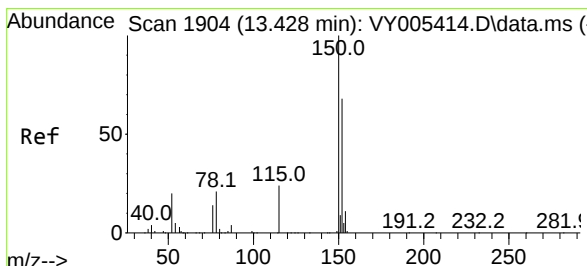
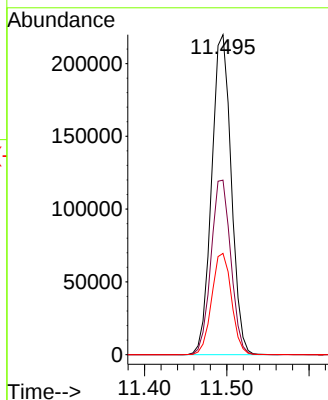
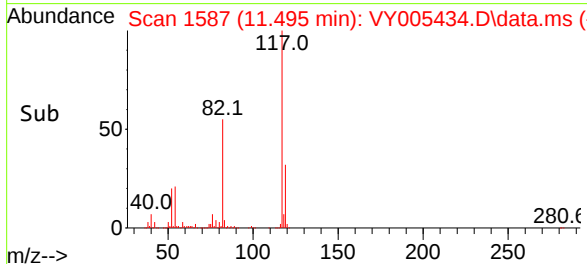
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ClientSampleId :
20210442-28



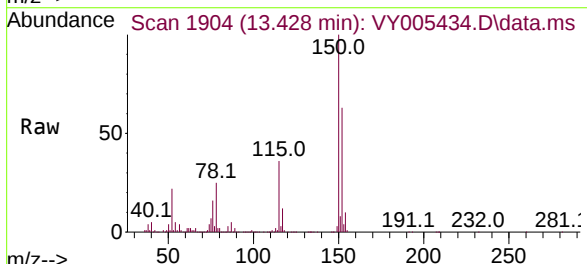
Tgt Ion:117 Resp: 363417
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.6
119 31.6 24.8 37.2

Manual Integrations
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7/26/2021 5:20:34 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005434.D
Acq: 23 Jul 2021 22:28



Tgt Ion:152 Resp: 188716
Ion Ratio Lower Upper
152 100
115 55.3 27.7 83.1
150 156.4 0.0 349.6

