

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005571.D
 Acq On : 06 Aug 2021 15:26
 Operator : SY/MD
 Sample : M3293-07RE
 Misc : 5.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2071RE

Manual Integrations
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Quant Time: Aug 07 06:19:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	190752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	289278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	216579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90066	46.64	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.28%		
35) Dibromofluoromethane	7.728	113	78585	48.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.04%		
50) Toluene-d8	10.185	98	343909	50.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.26%		
62) 4-Bromofluorobenzene	12.483	95	81083	36.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	72.10%		
Target Compounds						
11) Tert butyl alcohol	4.979	59	3186m	16.69	ug/l	
16) Acetone	3.954	43	235527	483.80	ug/l	97
25) 2-Butanone	6.996	43	44963	62.48	ug/l	97

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

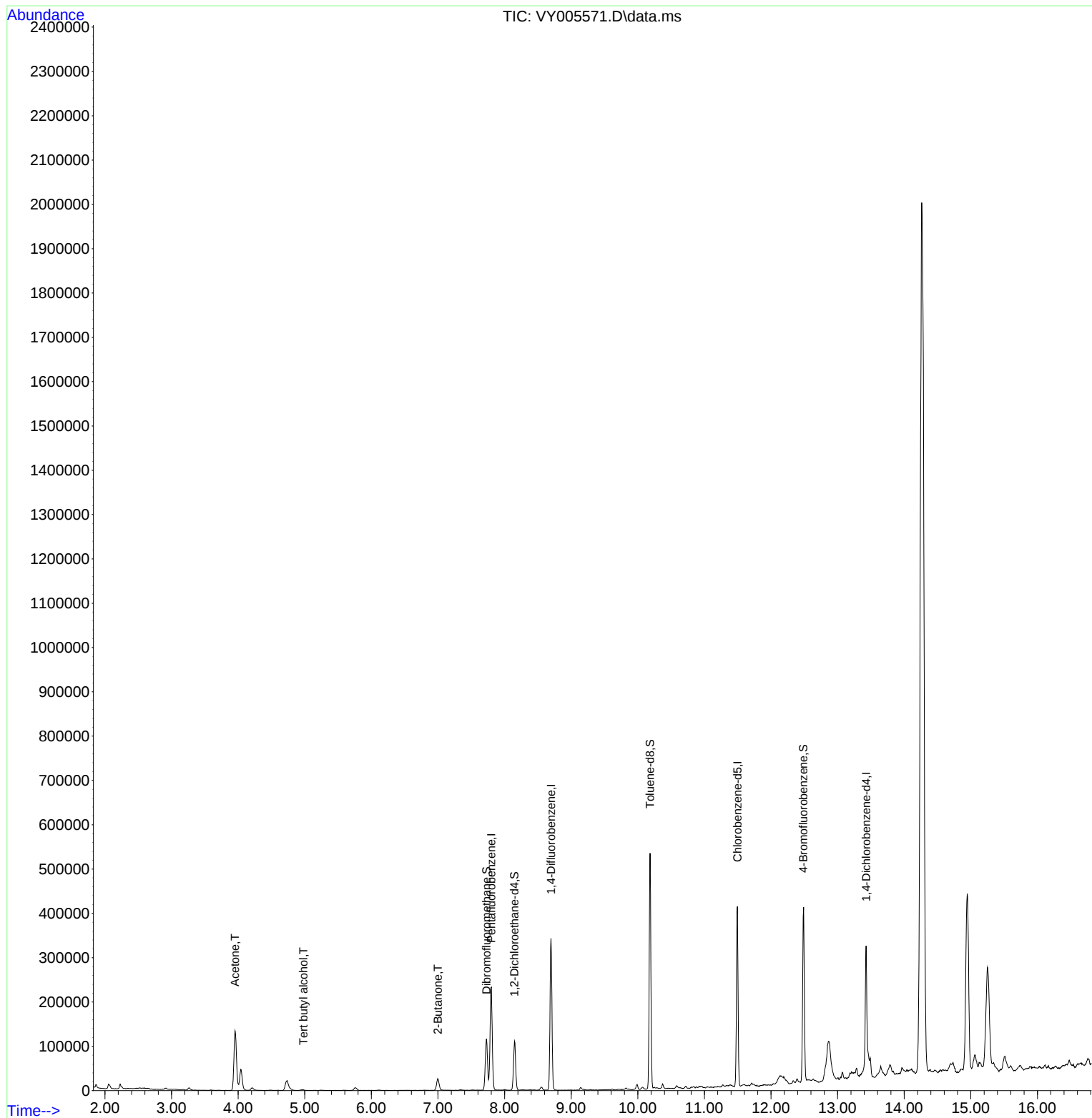
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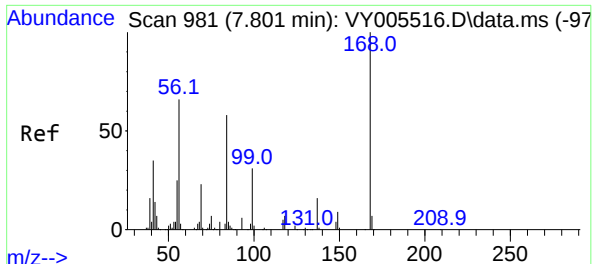
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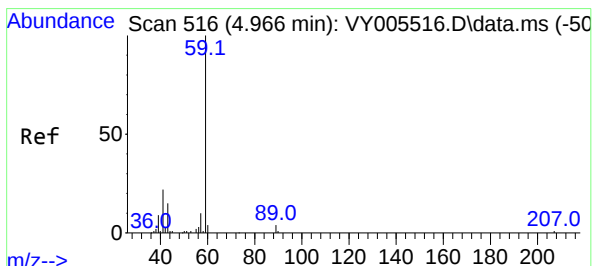
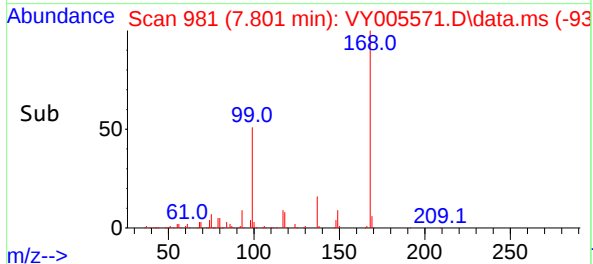
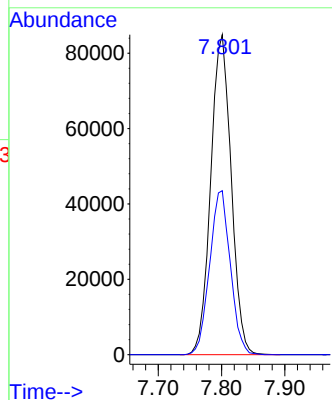
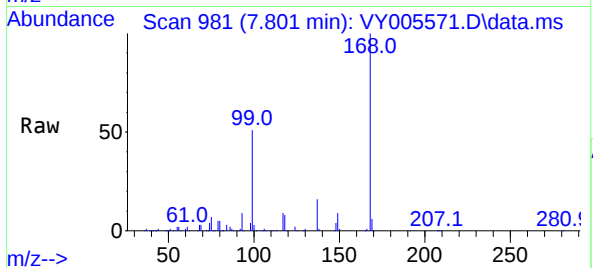
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 168 Resp: 190752
Ion Ratio Lower Upper
168 100
99 51.2 38.9 58.3

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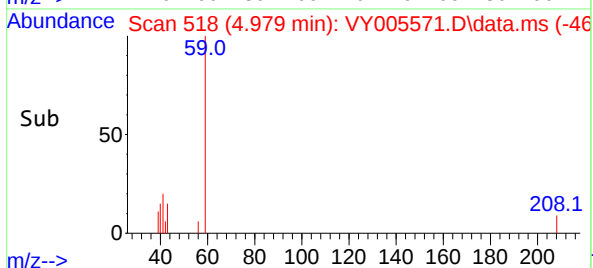
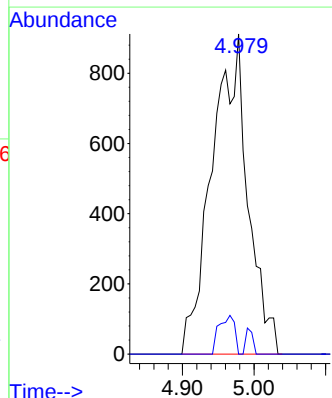
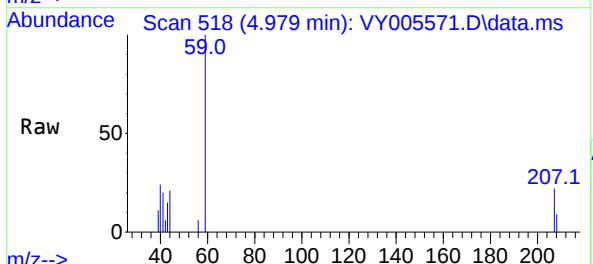
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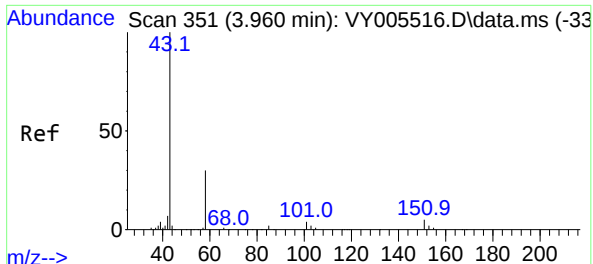
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#11
Tert butyl alcohol
Concen: 16.69 ug/l m
RT: 4.979 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 59 Resp: 3186
Ion Ratio Lower Upper
59 100
57 5.2 8.0 12.0#





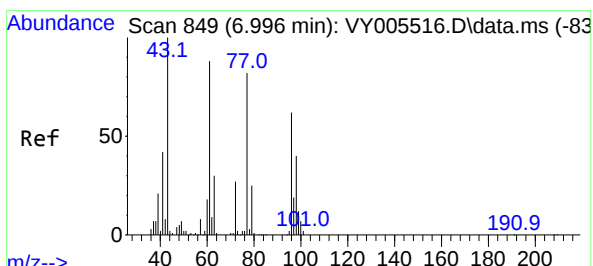
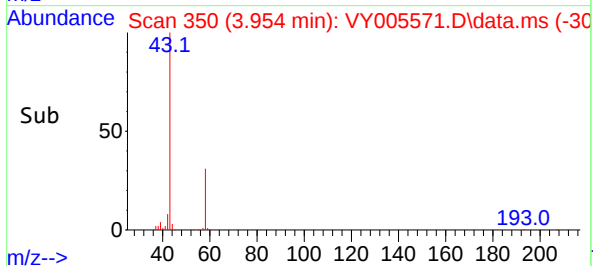
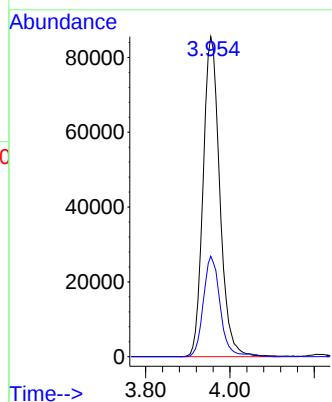
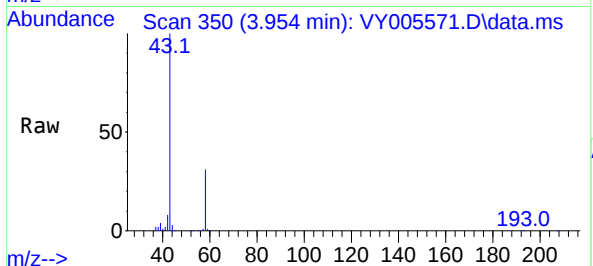
#16
Acetone
Concen: 483.80 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 43 Resp: 235527
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6

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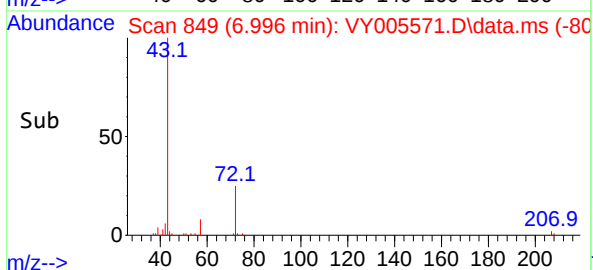
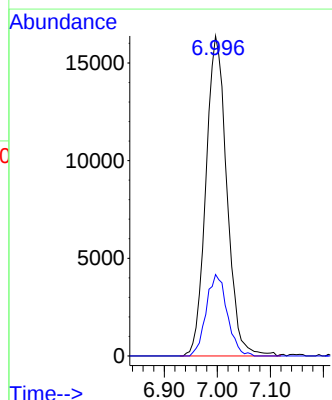
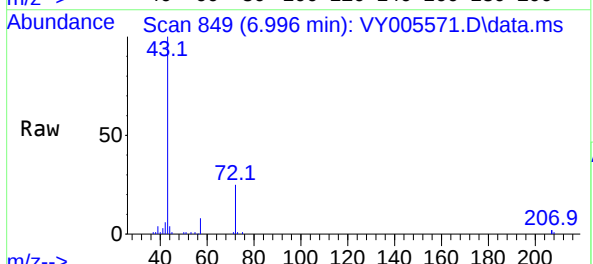
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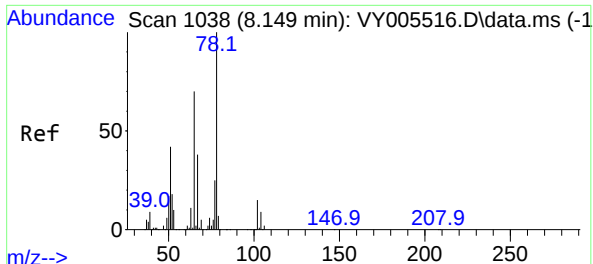
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#25
2-Butanone
Concen: 62.48 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 43 Resp: 44963
Ion Ratio Lower Upper
43 100
72 25.5 21.4 32.2





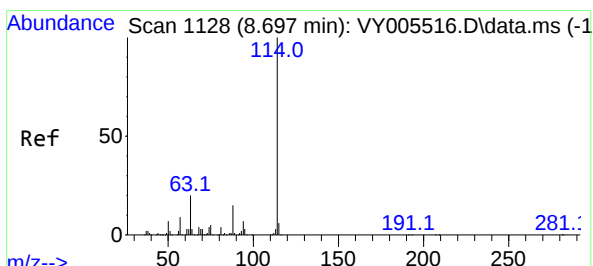
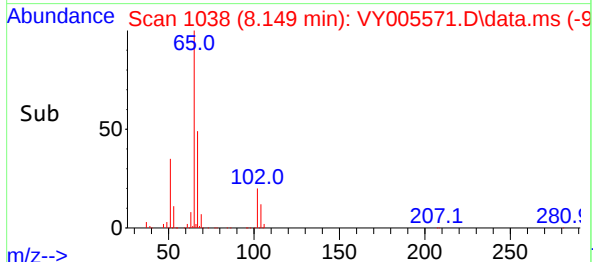
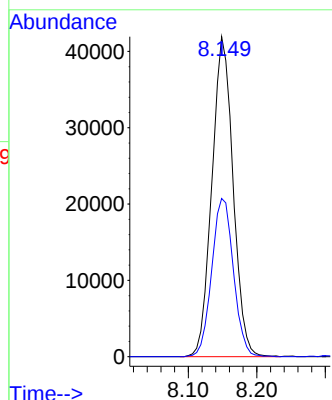
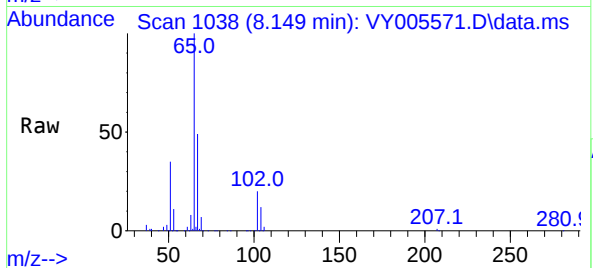
#33
1,2-Dichloroethane-d4
Concen: 46.64 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion: 65 Resp: 90066
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4

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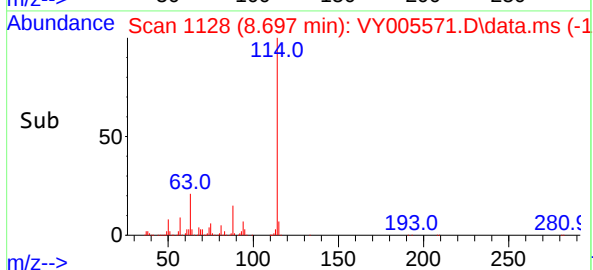
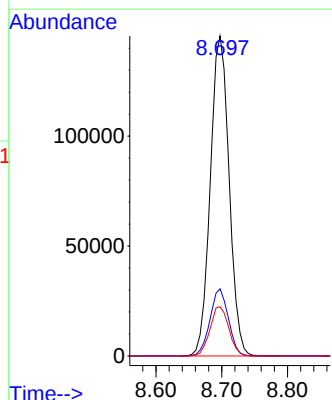
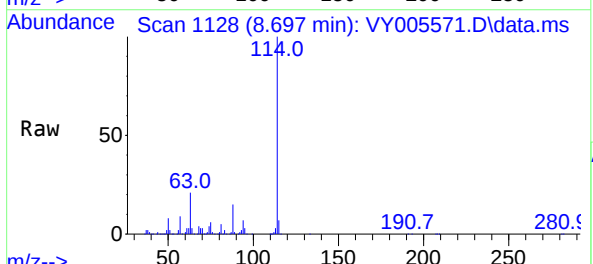
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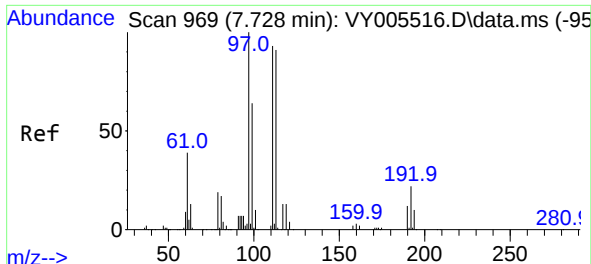
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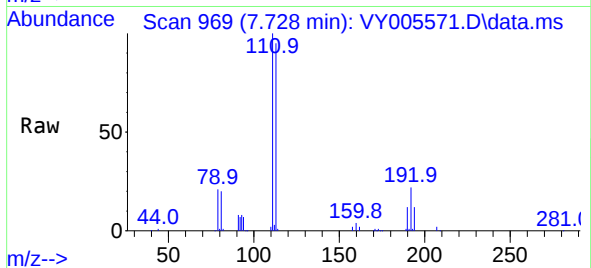
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

Tgt Ion:114 Resp: 289278
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.4 0.0 30.8

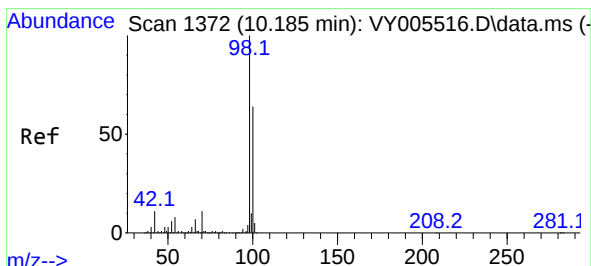
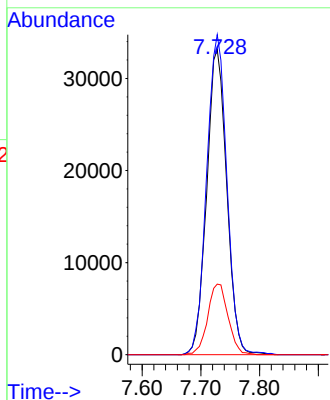
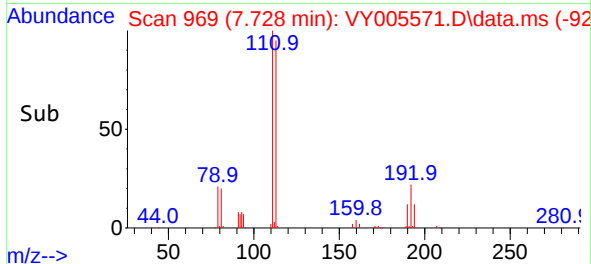




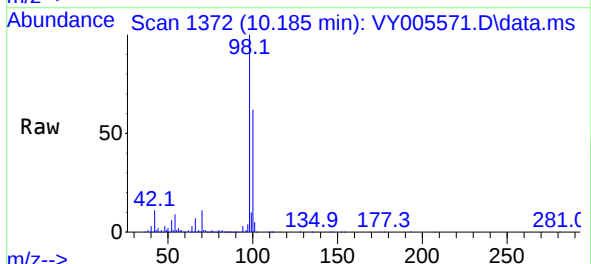
#35
Dibromofluoromethane
Concen: 48.52 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26



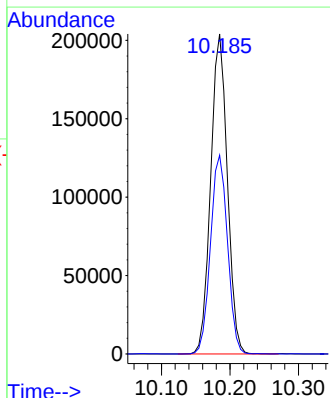
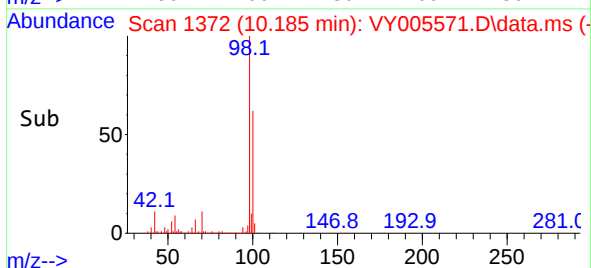
Tgt Ion: 113 Resp: 78585
Ion Ratio Lower Upper
113 100
111 105.8 81.9 122.9
192 23.5 19.2 28.8



#50
Toluene-d8
Concen: 50.63 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26



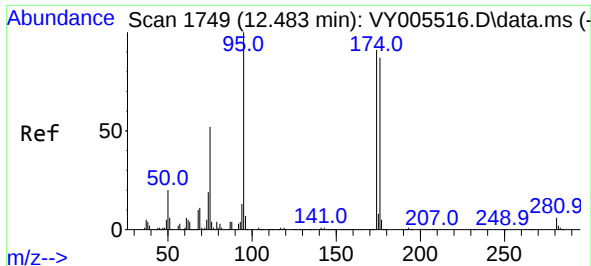
Tgt Ion: 98 Resp: 343909
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



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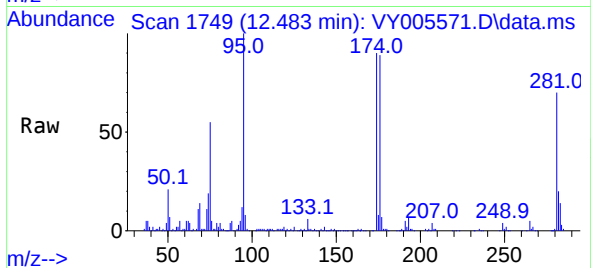
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#62
4-Bromofluorobenzene
Concen: 36.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26

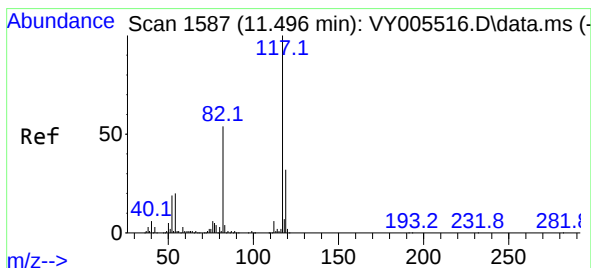
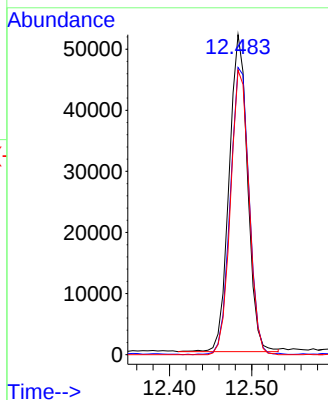
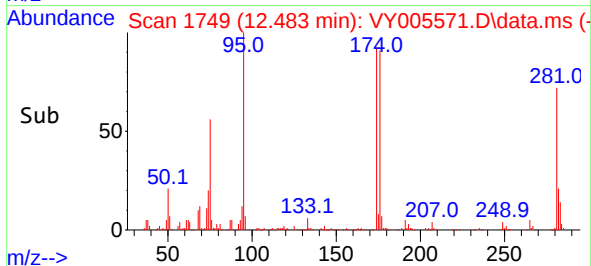
Instrument :
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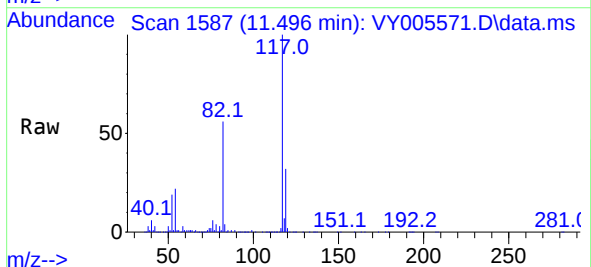
Tgt Ion: 95 Resp: 81083
Ion Ratio Lower Upper
95 100
174 92.5 0.0 191.4
176 89.4 0.0 183.6

Manual Integrations
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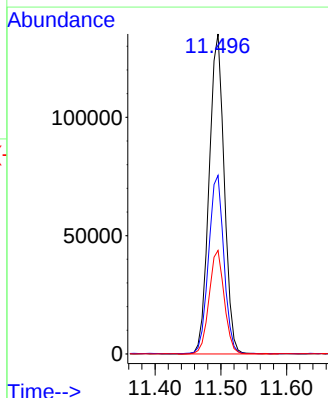
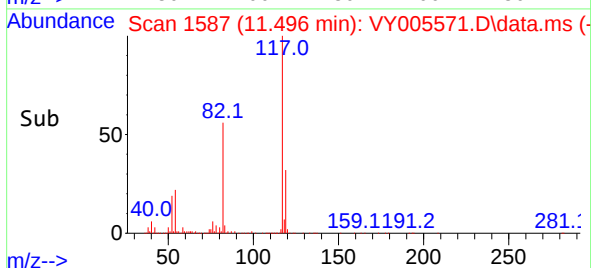
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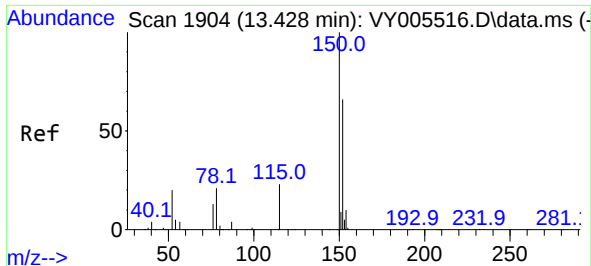


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005571.D
Acq: 06 Aug 2021 15:26



Tgt Ion: 117 Resp: 216579
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005571.D
 Acq: 06 Aug 2021 15:26

Tgt Ion:152 Resp: 67941

Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.3	81.9
150	154.5	0.0	350.2

Instrument :
 MSVOA_Y
 ClientSampleId :
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