

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005791.D
 Acq On : 20 Aug 2021 14:32
 Operator : SY/MD
 Sample : M3467-14
 Misc : 6.23G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-2-(161.00)-VOC-GRAB

Quant Time: Aug 23 01:07:26 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)

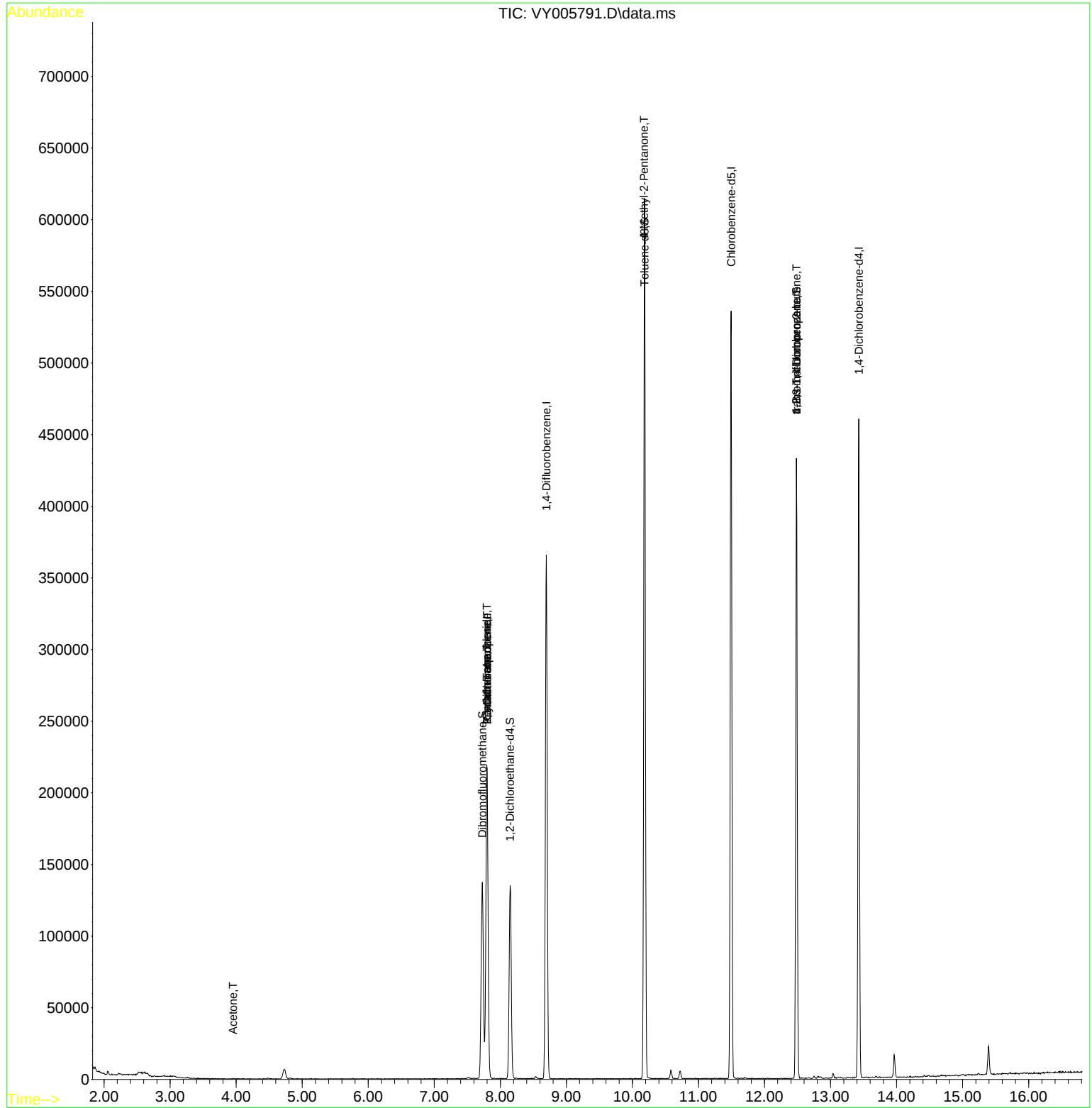
Internal Standards						
1) Pentafluorobenzene	7.801	168	181054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	291428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112345	61.300	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.600%	
35) Dibromofluoromethane	7.728	113	92749	54.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.185	98	389853	54.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.483	95	115764	48.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.540%	
Target Compounds						Qvalue
16) Acetone	3.954	43	481	1.041	ug/l	96
20) Methylene Chloride	4.722	84	5292	Below Cal	#	79
31) Cyclohexane	7.795	56	3449	1.097	ug/l #	16
36) 1,1-Dichloropropene	7.801	75	12373	4.321	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16189	5.202	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1831	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	63706	52.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63706	106.769	ug/l #	11

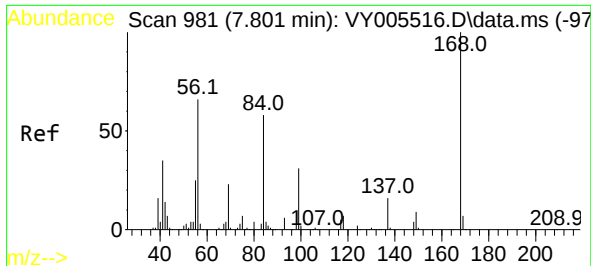
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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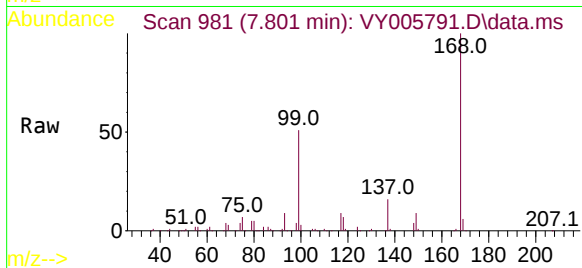
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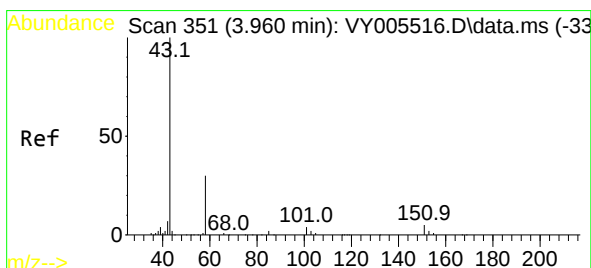
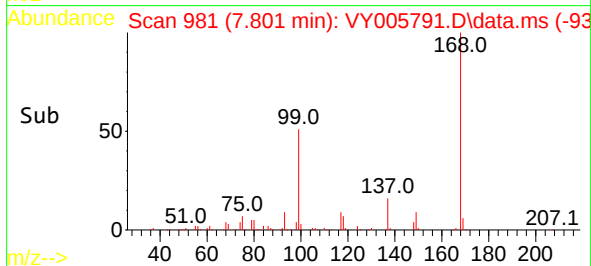
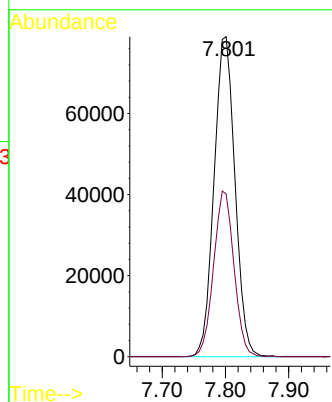


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-2-(161.00)-VOC-GRAB

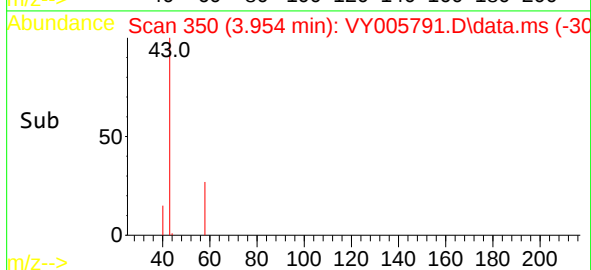
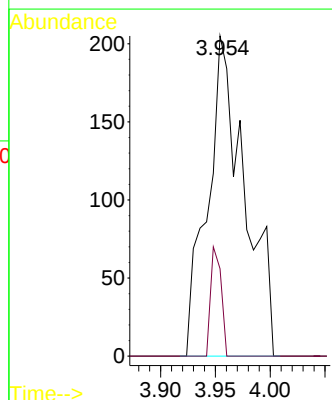
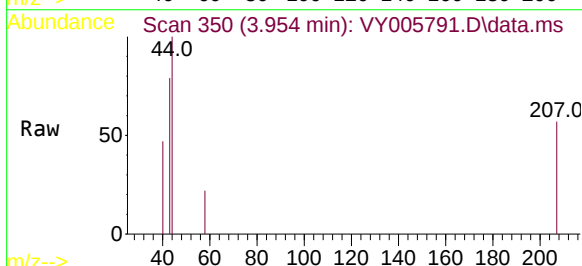


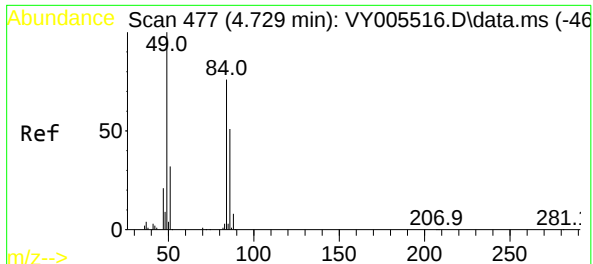
Tgt Ion:168 Resp: 181054
Ion Ratio Lower Upper
168 100
99 50.9 38.9 58.3



#16
Acetone
Concen: 1.041 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.6



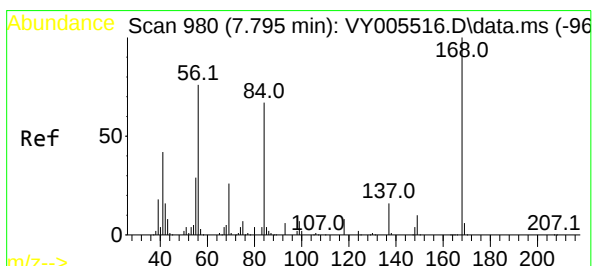
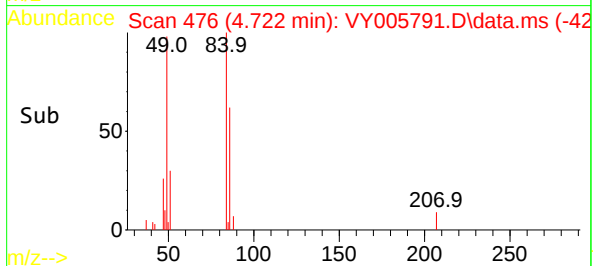
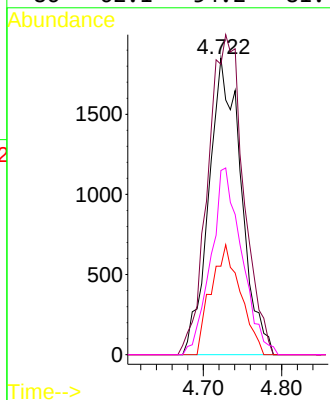
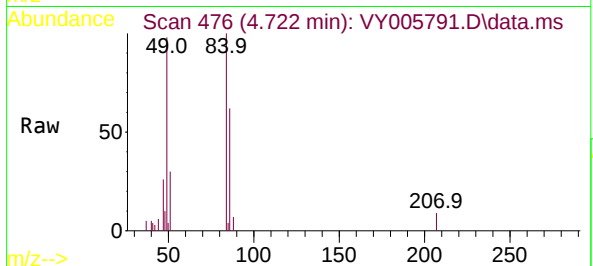


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 84 Resp: 5292

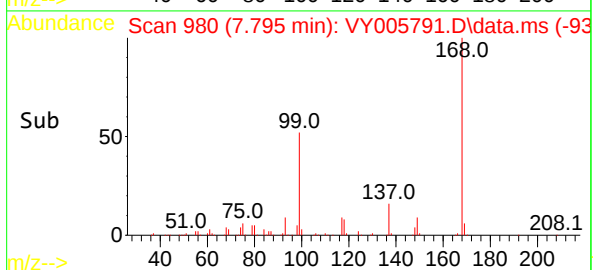
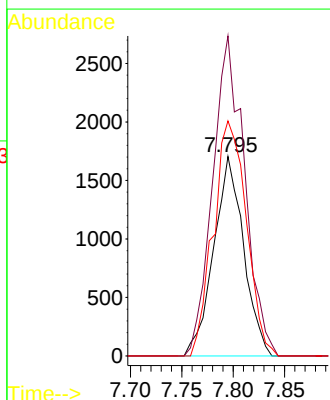
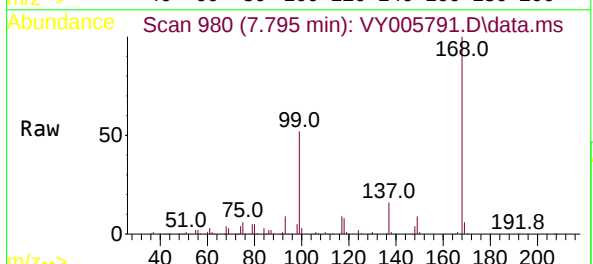
Ion	Ratio	Lower	Upper
84	100		
49	97.9	105.8	158.6#
51	29.8	33.4	50.2#
86	62.1	54.2	81.4

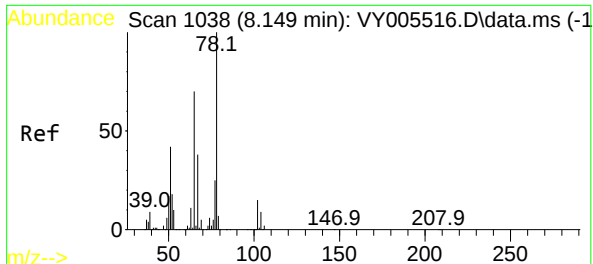


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion: 56 Resp: 3449

Ion	Ratio	Lower	Upper
56	100		
69	160.4	27.7	41.5#
84	117.8	70.9	106.3#

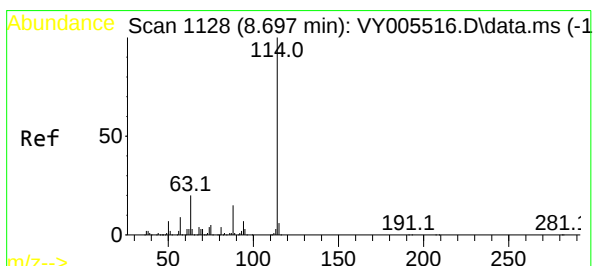
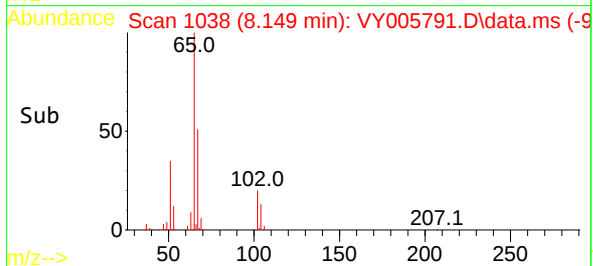
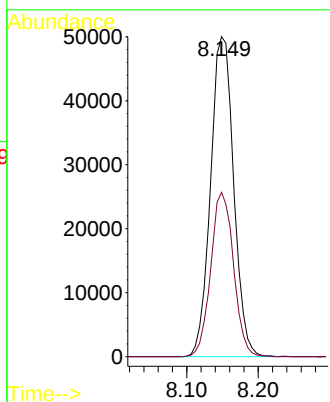
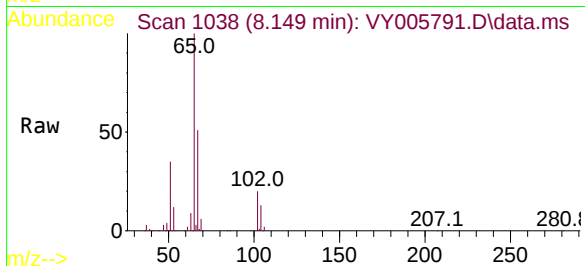




#33
1,2-Dichloroethane-d4
Concen: 61.300 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

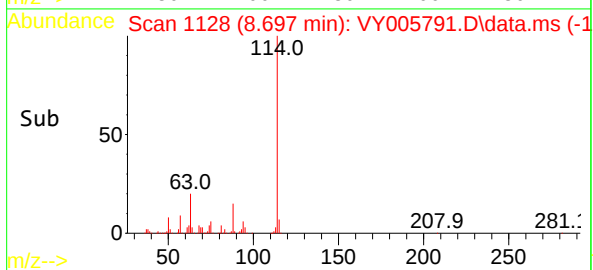
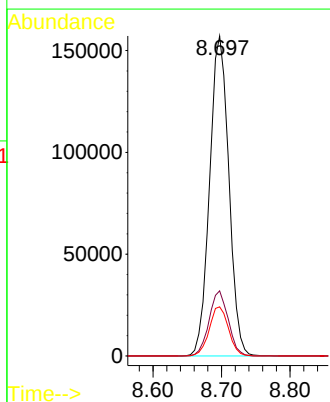
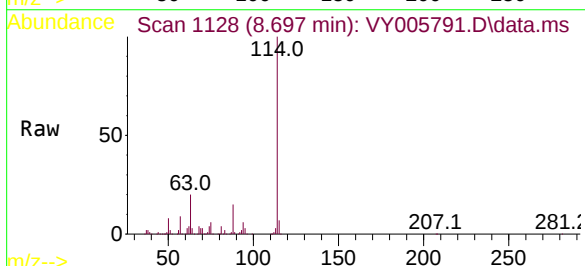
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-2-(161.00)-VOC-GRAB

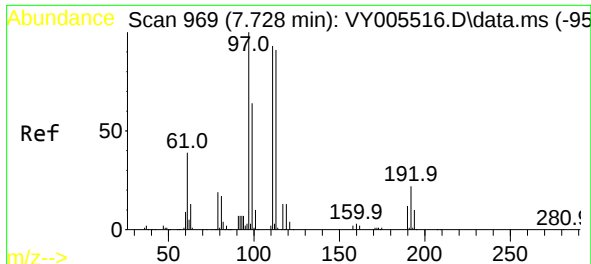
Tgt Ion: 65 Resp: 112345
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion:114 Resp: 305274
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.4 0.0 30.8

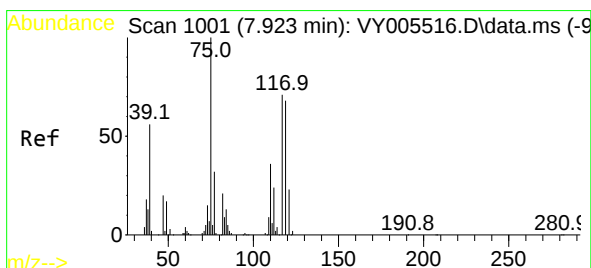
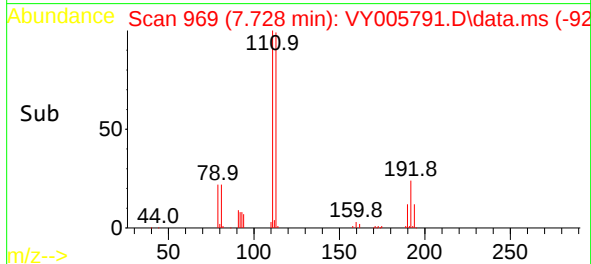
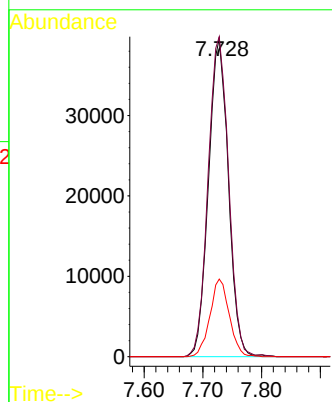
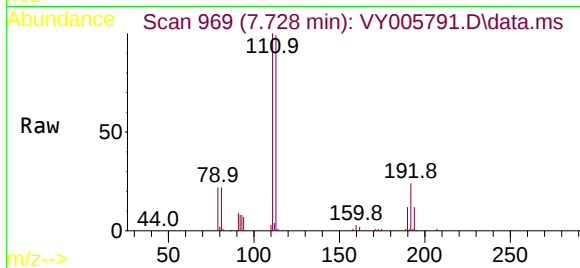




#35
Dibromofluoromethane
Concen: 54.266 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

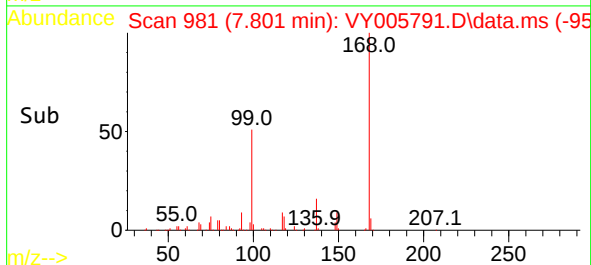
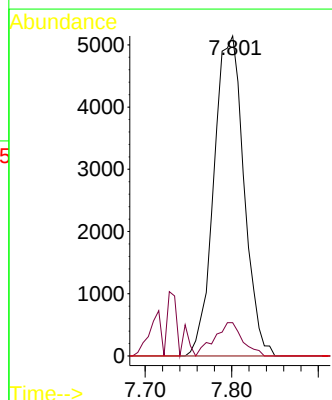
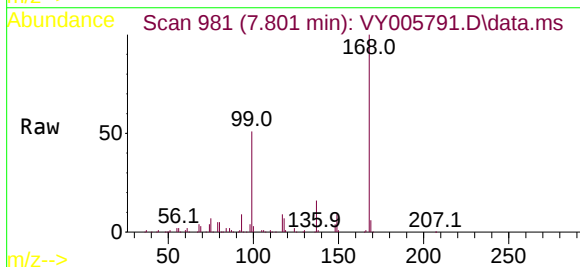
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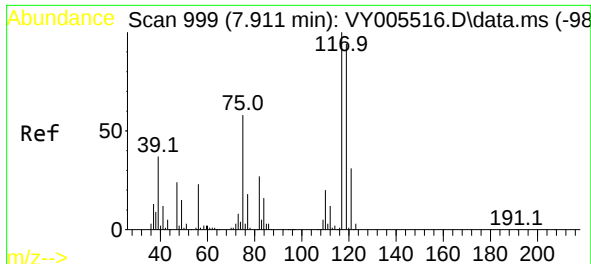
Tgt Ion:113 Resp: 92749
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 23.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.321 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion: 75 Resp: 12373
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.0 25.1 37.7#

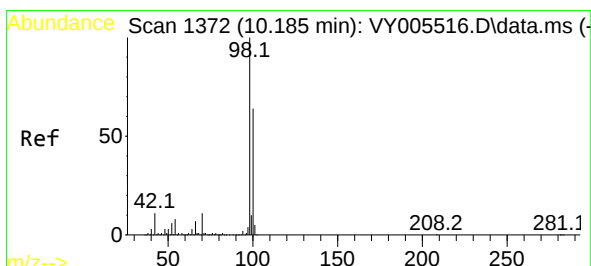
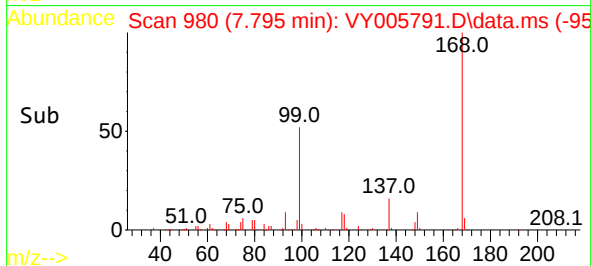
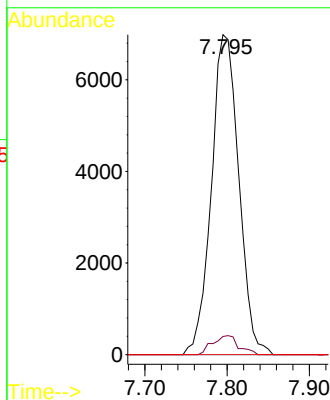
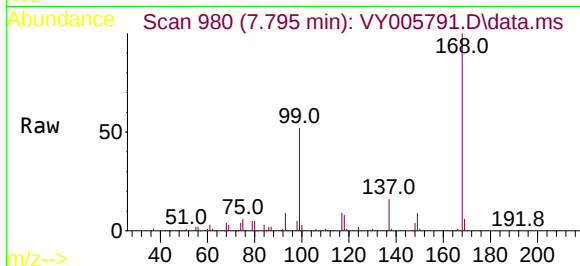




#38
Carbon Tetrachloride
Concen: 5.202 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

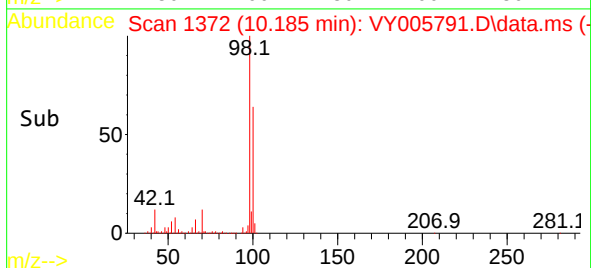
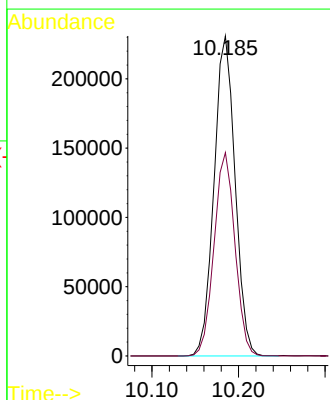
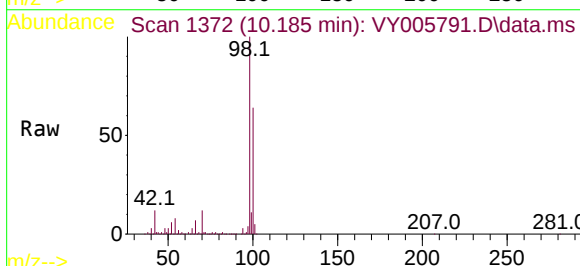
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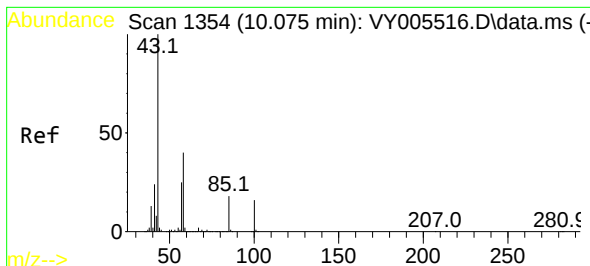
Tgt Ion:117 Resp: 16189
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.387 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion: 98 Resp: 389853
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9

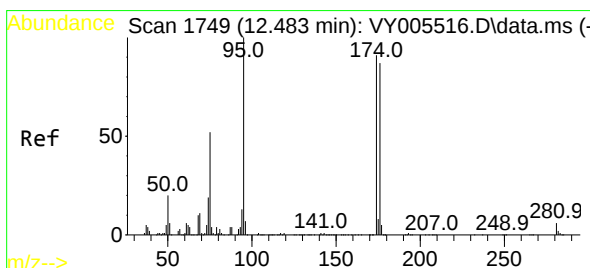
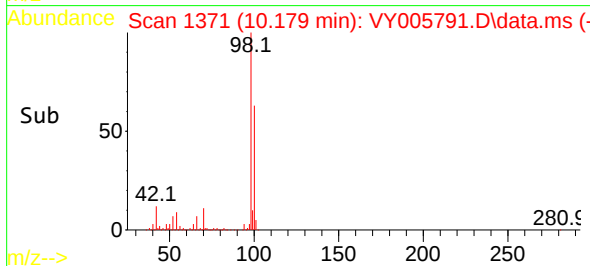
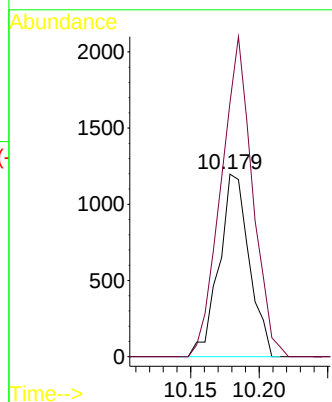
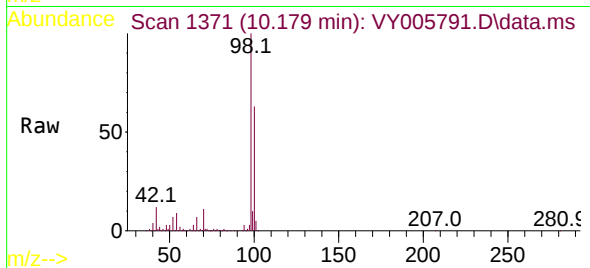




#51
4-Methyl-2-Pentanone
Concen: 1.059 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

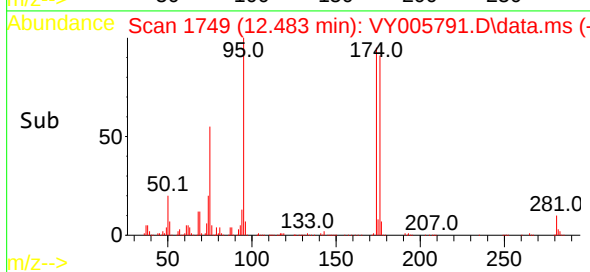
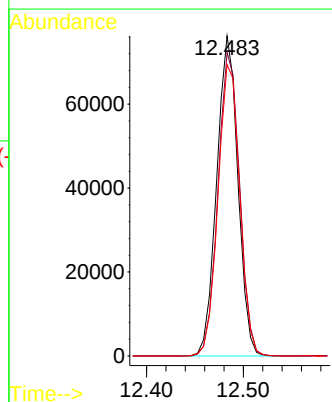
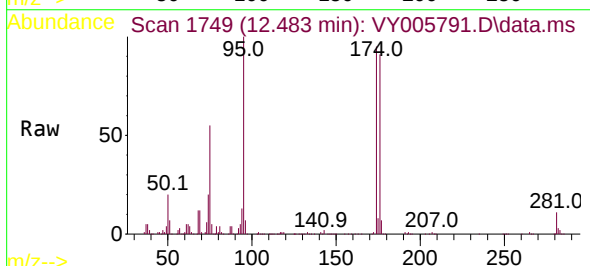
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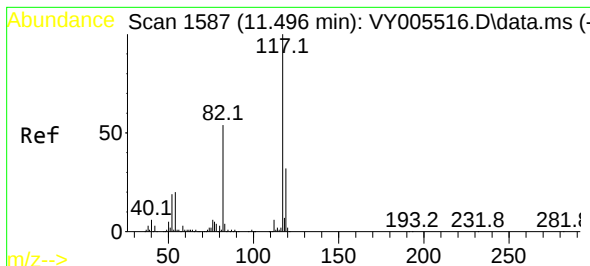
Tgt Ion: 43 Resp: 1831
Ion Ratio Lower Upper
43 100
58 182.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 48.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion: 95 Resp: 115764
Ion Ratio Lower Upper
95 100
174 96.8 0.0 191.4
176 93.3 0.0 183.6

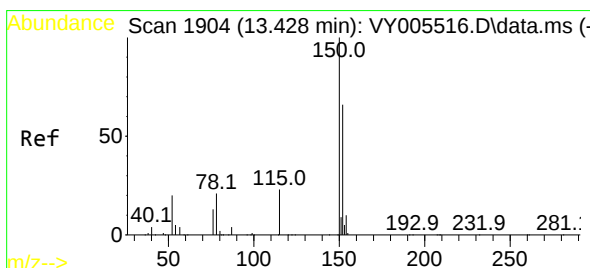
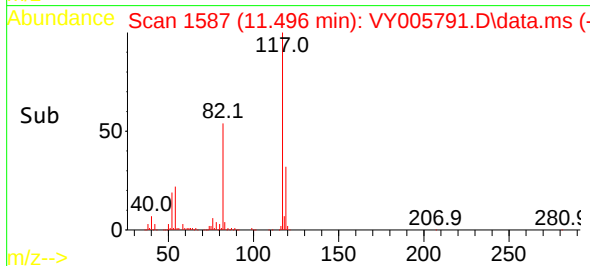
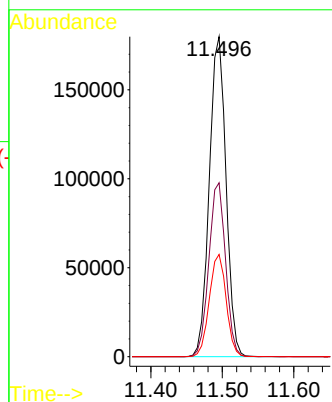
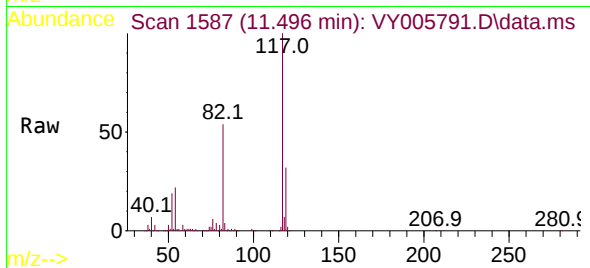




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

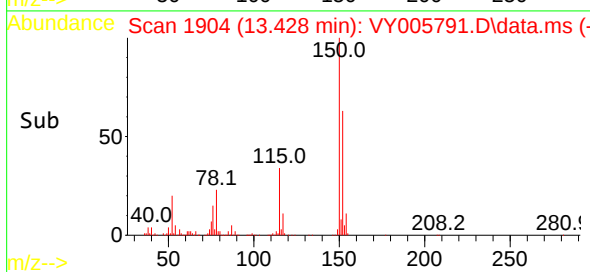
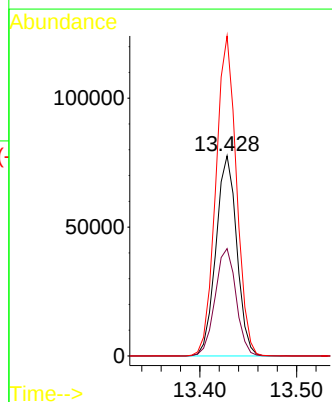
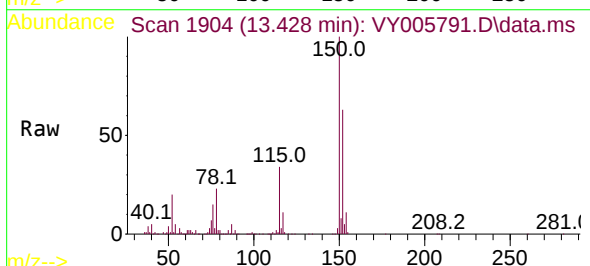
Instrument :
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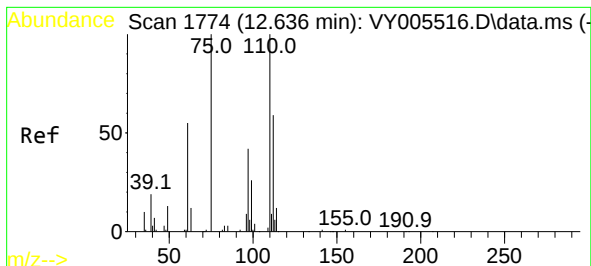
Tgt Ion:117 Resp: 291428
Ion Ratio Lower Upper
117 100
82 54.4 43.5 65.3
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion:152 Resp: 116069
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 158.1 0.0 350.2

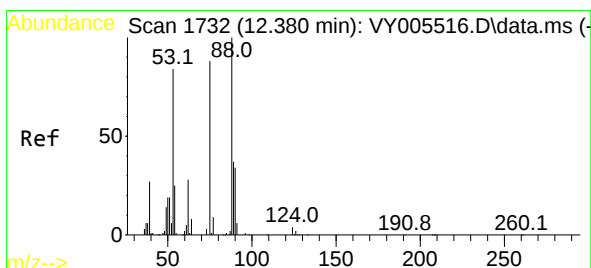
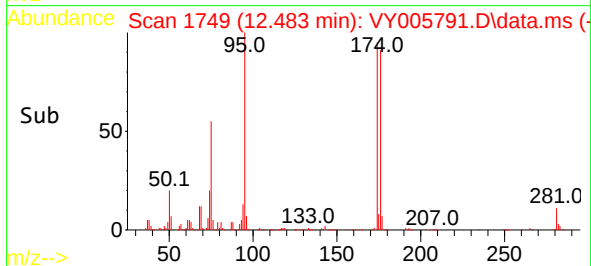
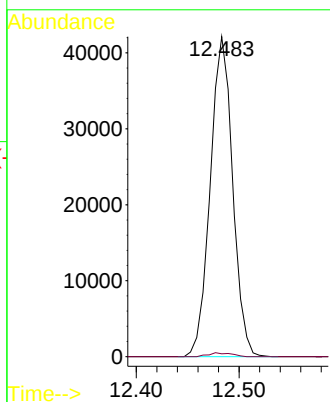
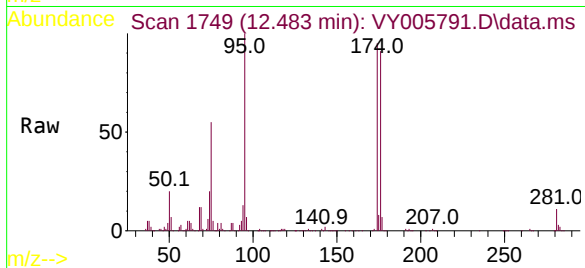




#76
1,2,3-Trichloropropane
Concen: 52.964 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-2-(161.00)-VOC-GRAB

Tgt Ion: 75 Resp: 63706
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005791.D
Acq: 20 Aug 2021 14:32

Tgt Ion: 75 Resp: 63706
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.2 38.4 57.6#

