

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005287.D
 Acq On : 29 Jun 2021 19:47
 Operator : SY/MD
 Sample : M2894-01
 Misc : 5.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-TP

Quant Time: Jun 30 04:01:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

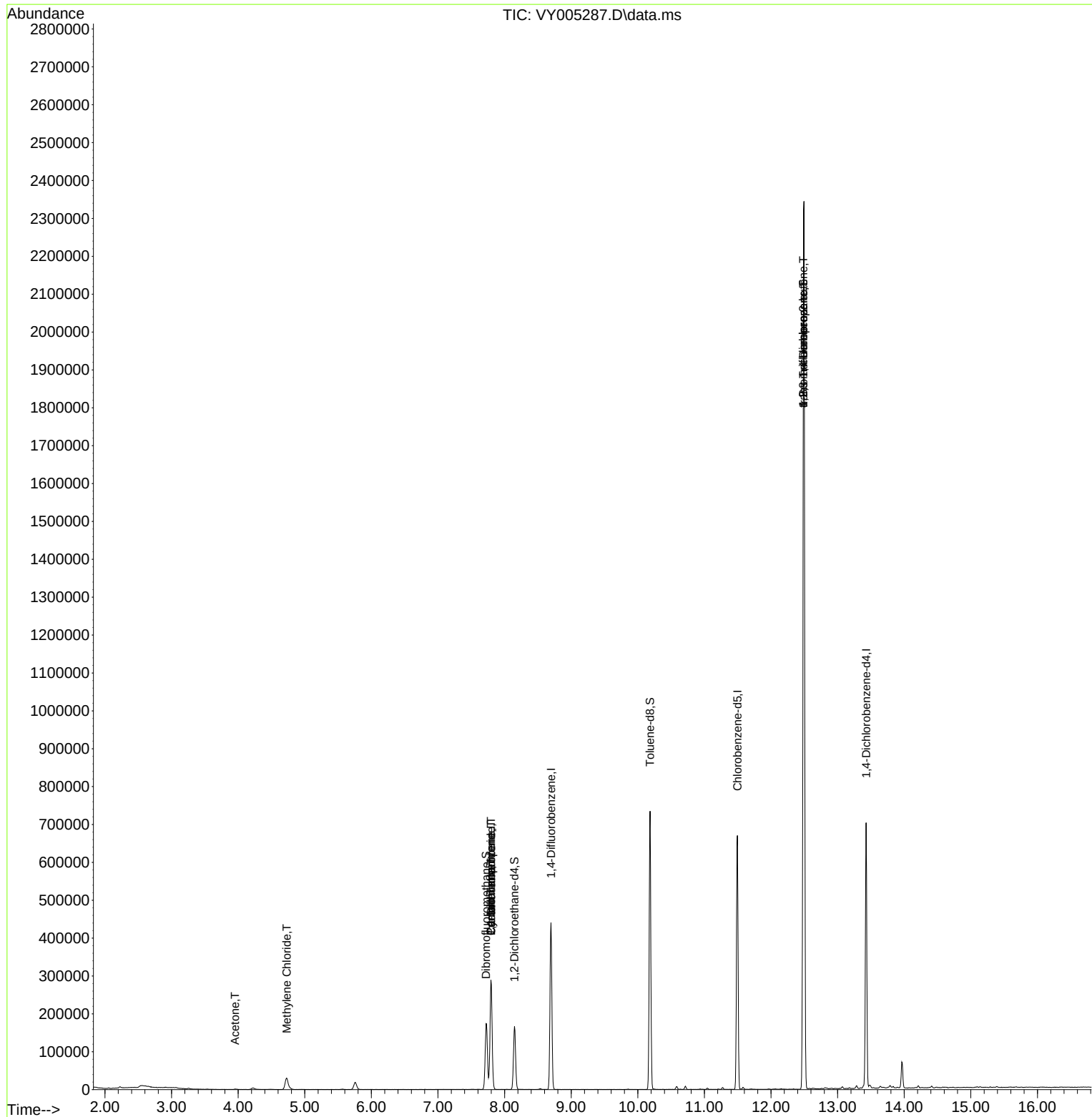
Internal Standards						
1) Pentafluorobenzene	7.795	168	247040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	395963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	393511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129970	63.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.80%	
35) Dibromofluoromethane	7.722	113	124189	53.18	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.36%	
50) Toluene-d8	10.185	98	485271	51.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.92%	
62) 4-Bromofluorobenzene	12.483	95	177574	57.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.12%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.985	59	836	Below Cal	#	77
16) Acetone	3.954	43	1940	4.10	ug/l	95
20) Methylene Chloride	4.728	84	24243	1.06	ug/l	98
31) Cyclohexane	7.795	56	3903	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15495	4.44	ug/l #	47
38) Carbon Tetrachloride	7.795	117	20625	5.65	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	94469	56.14	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	94469	104.74	ug/l #	20

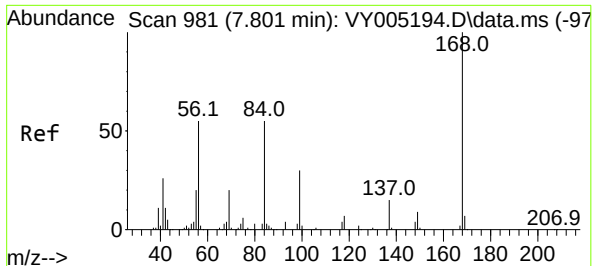
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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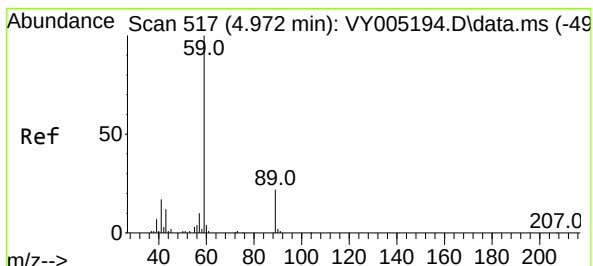
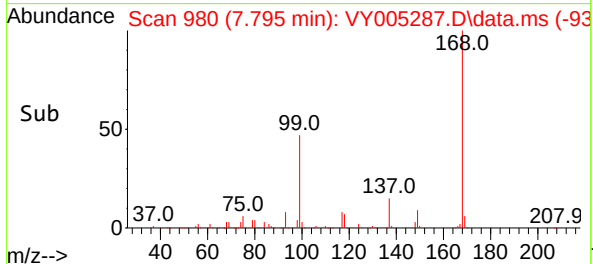
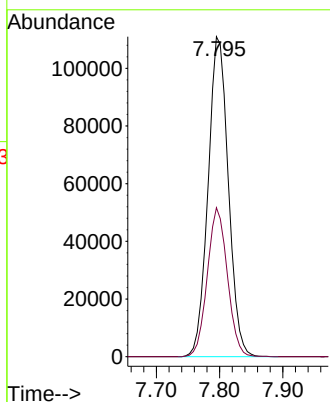
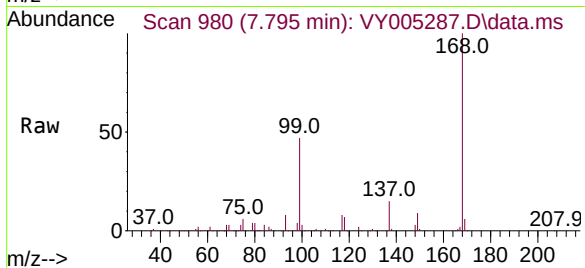




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

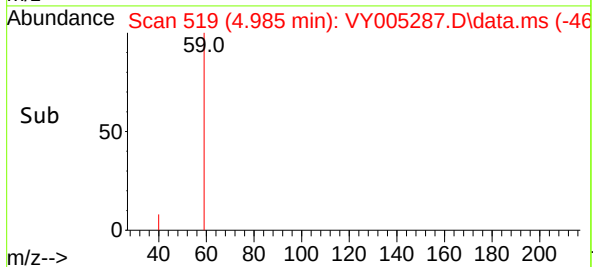
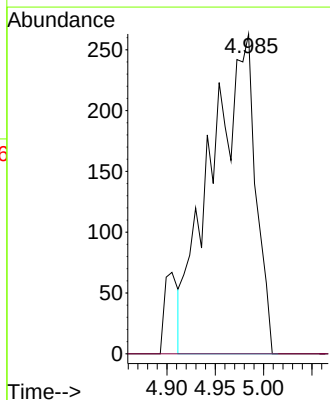
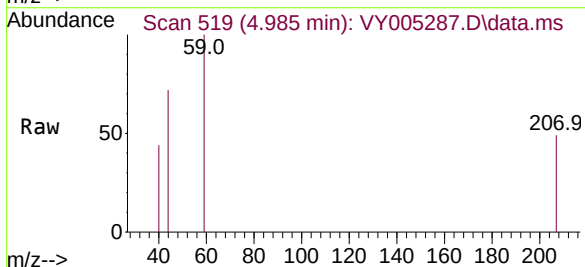
Instrument :
MSVOA_Y
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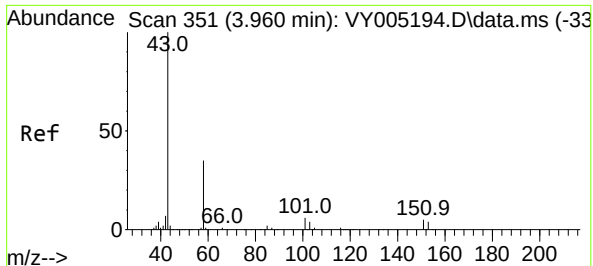
Tgt Ion:168 Resp: 247040
Ion Ratio Lower Upper
168 100
99 46.5 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.013 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion: 59 Resp: 836
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

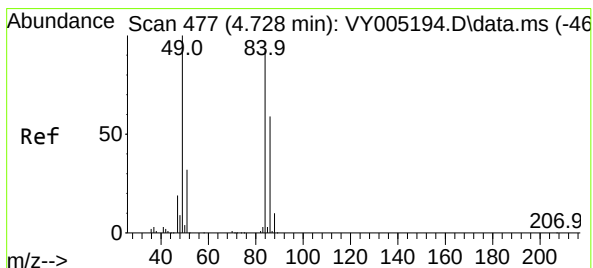
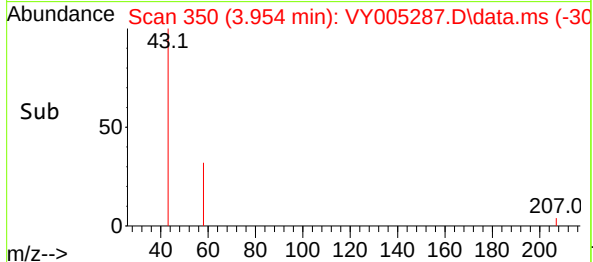
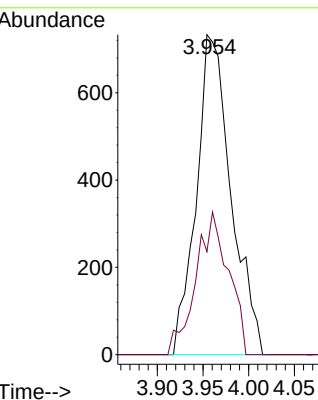
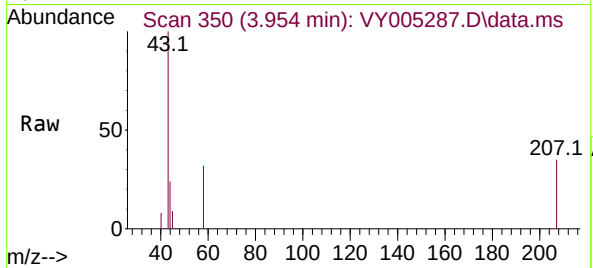




#16
Acetone
Concen: 4.10 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

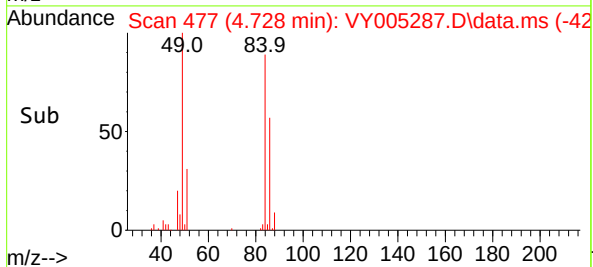
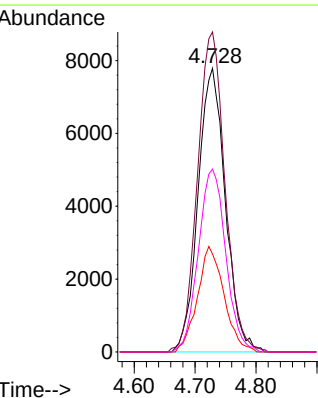
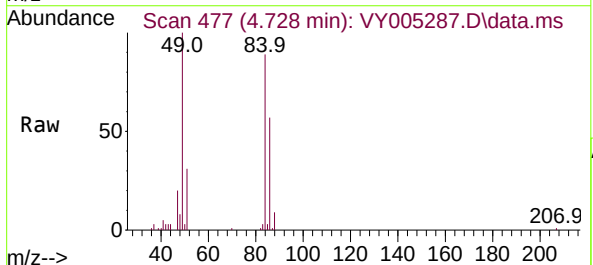
Instrument :
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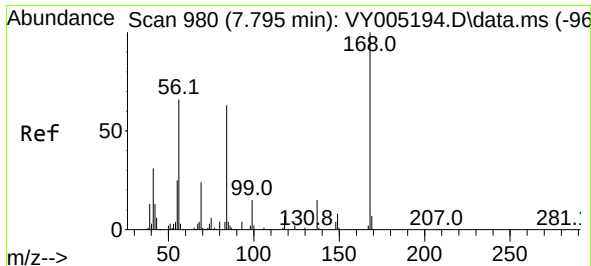
Tgt Ion: 43 Resp: 1940
Ion Ratio Lower Upper
43 100
58 32.2 28.2 42.2



#20
Methylene Chloride
Concen: 1.06 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion: 84 Resp: 24243
Ion Ratio Lower Upper
84 100
49 112.8 86.9 130.3
51 34.5 27.4 41.2
86 64.5 51.0 76.6

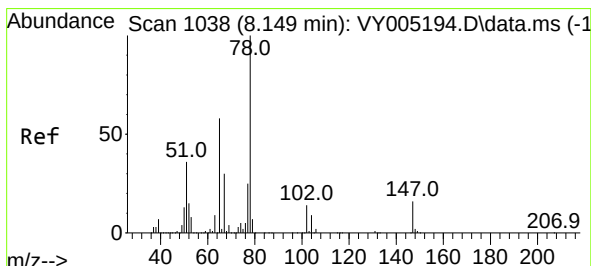
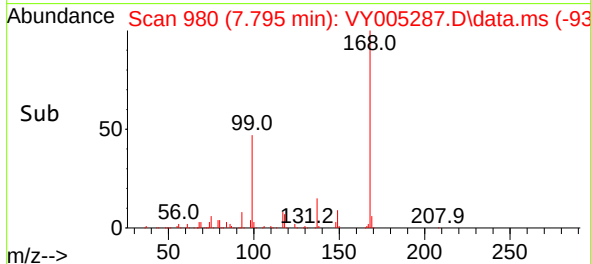
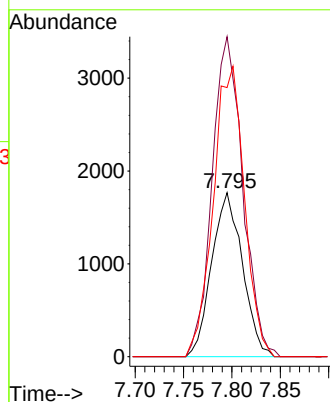
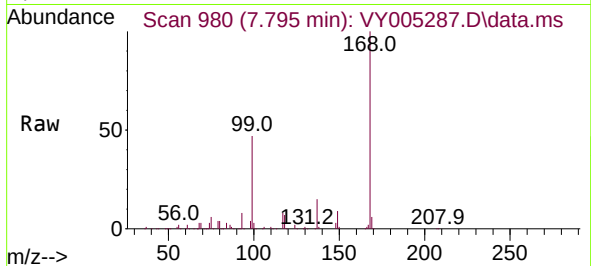




#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

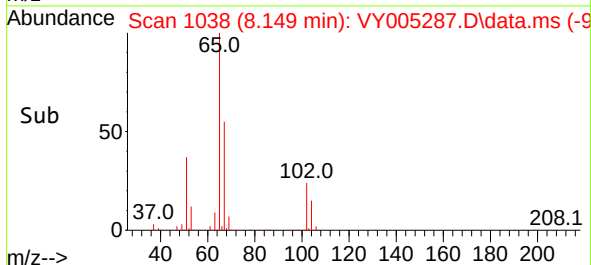
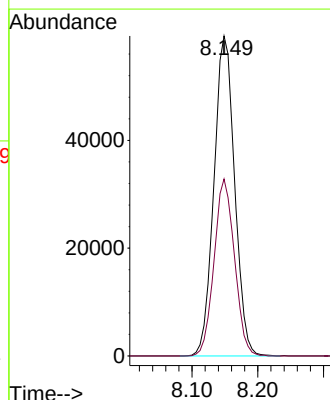
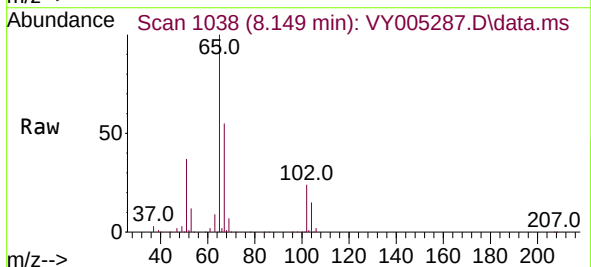
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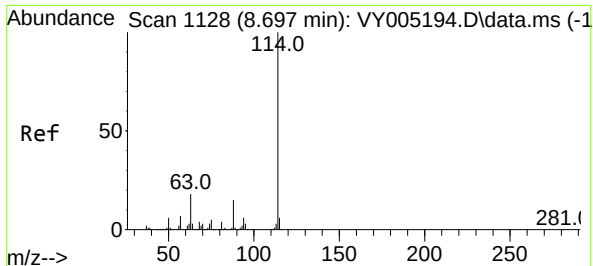
Tgt Ion: 56 Resp: 3903
Ion Ratio Lower Upper
56 100
69 195.1 29.6 44.4#
84 164.1 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 63.40 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion: 65 Resp: 129970
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6

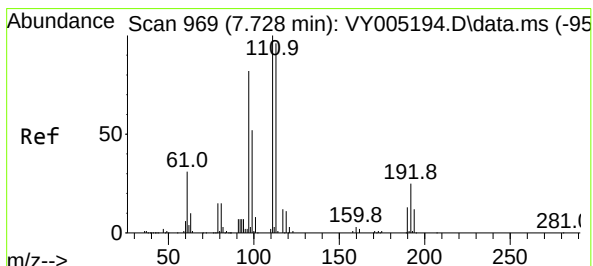
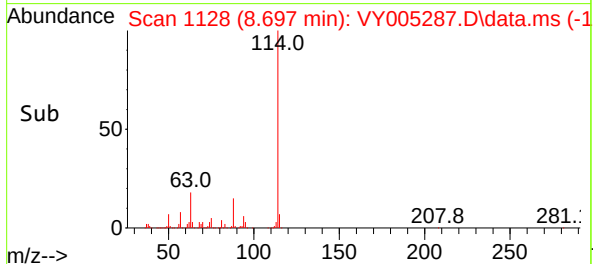
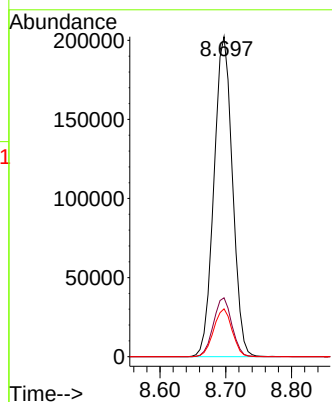
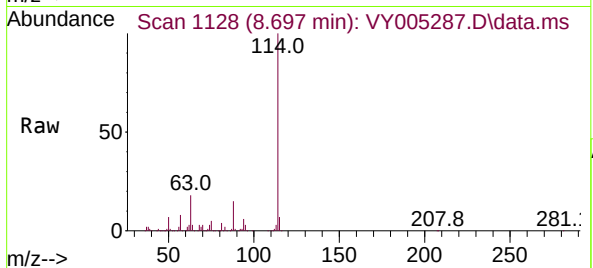




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

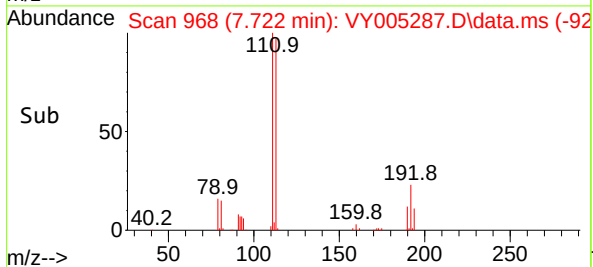
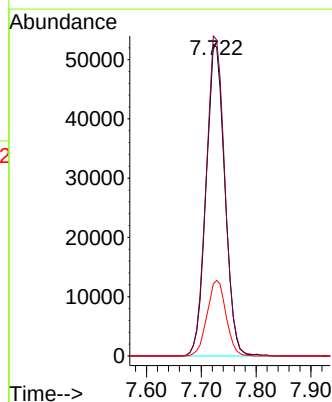
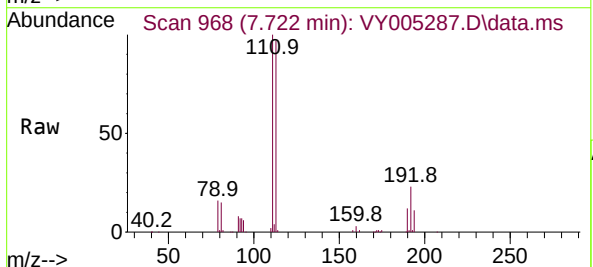
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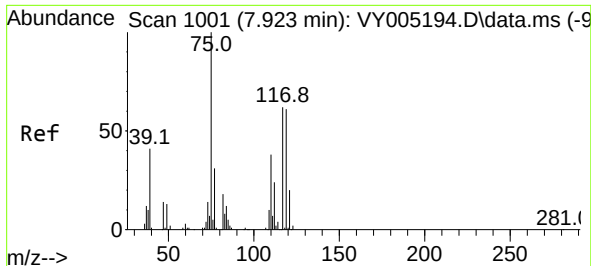
Tgt Ion:114 Resp: 395963
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.2
88 15.0 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.18 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion:113 Resp: 124189
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 24.5 20.2 30.2

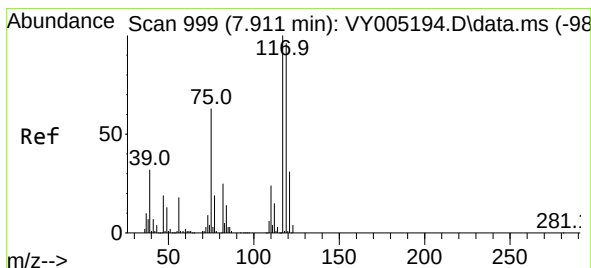
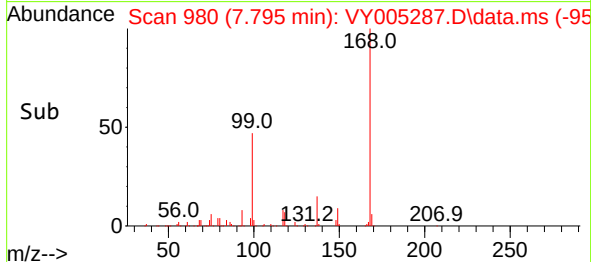
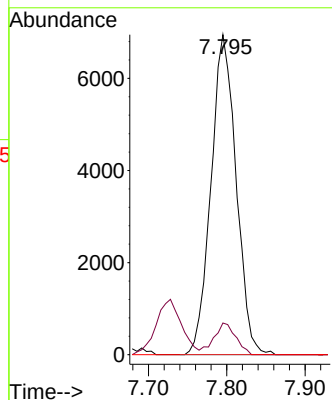
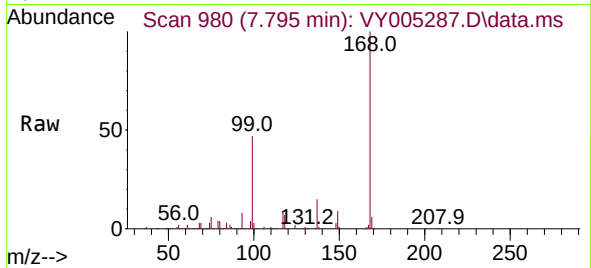




#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

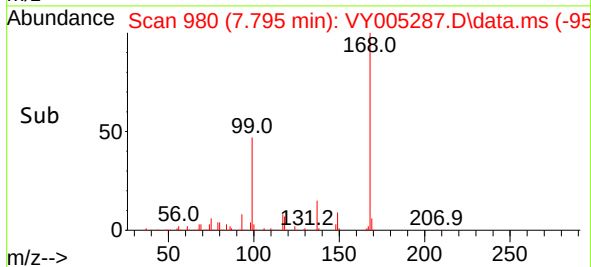
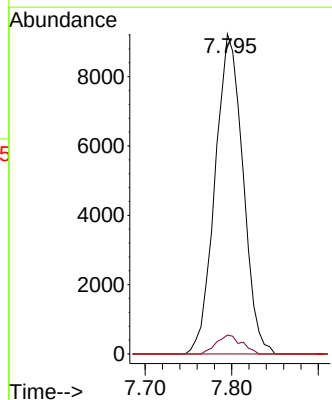
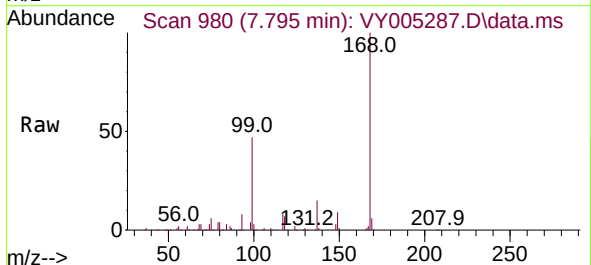
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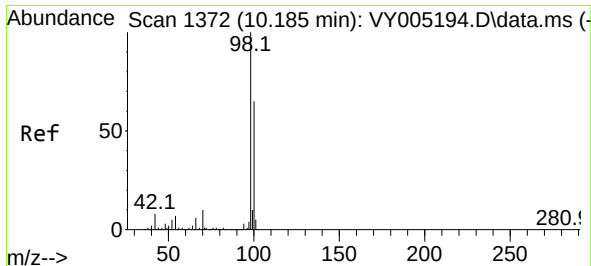
Tgt Ion: 75 Resp: 15495
Ion Ratio Lower Upper
75 100
110 8.6 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion: 117 Resp: 20625
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.4#
121 0.0 24.7 37.1#

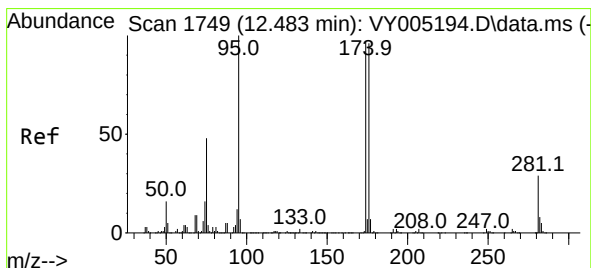
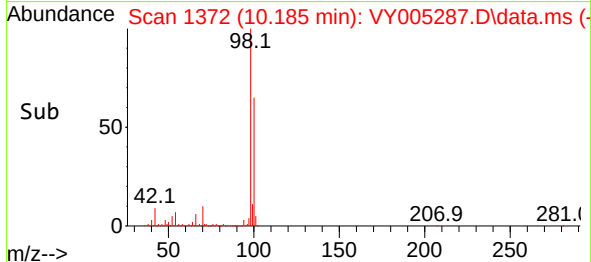
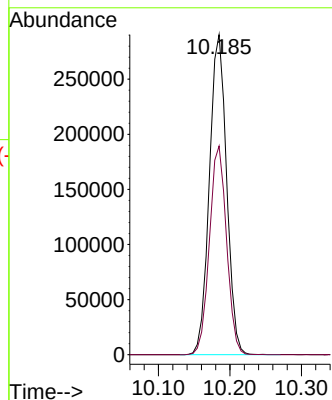
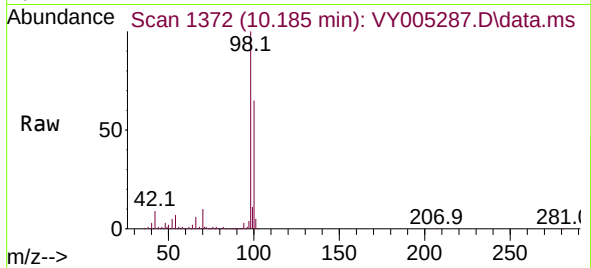




#50
Toluene-d8
Concen: 51.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

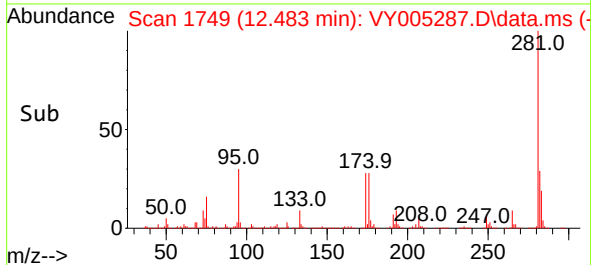
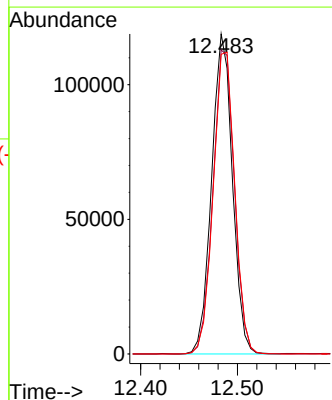
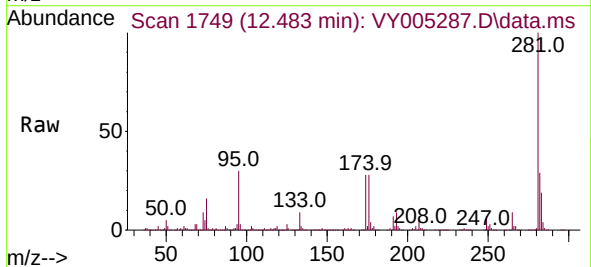
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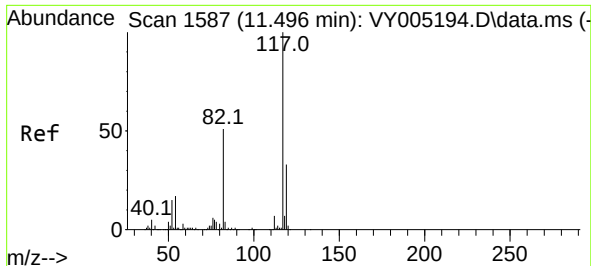
Tgt Ion: 98 Resp: 485271
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 57.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion: 95 Resp: 177574
Ion Ratio Lower Upper
95 100
174 97.7 0.0 201.6
176 97.5 0.0 197.4

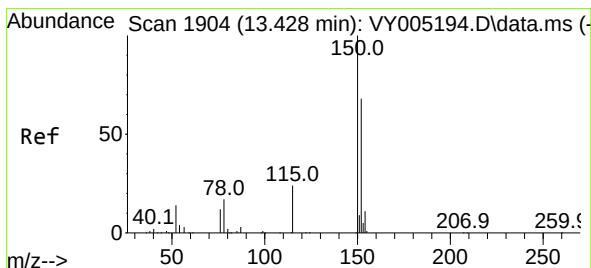
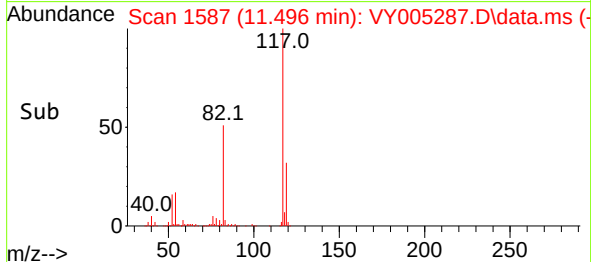
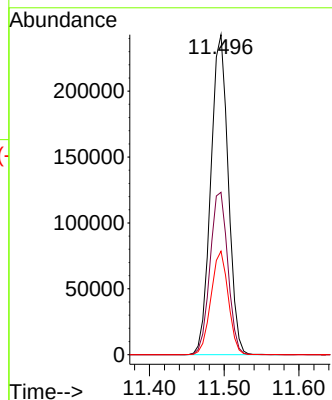
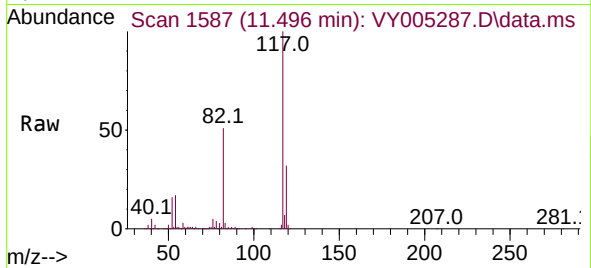




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

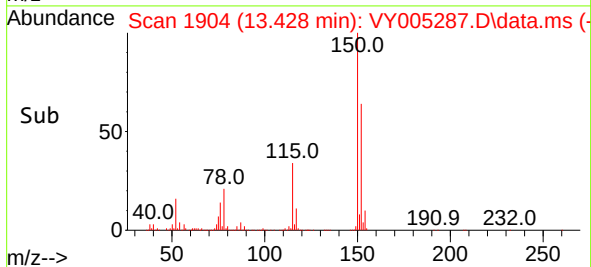
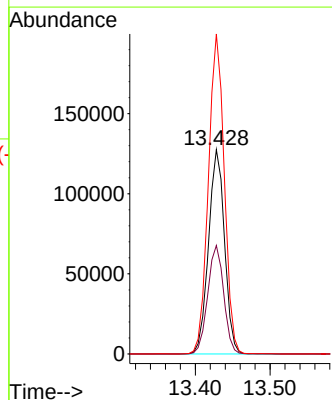
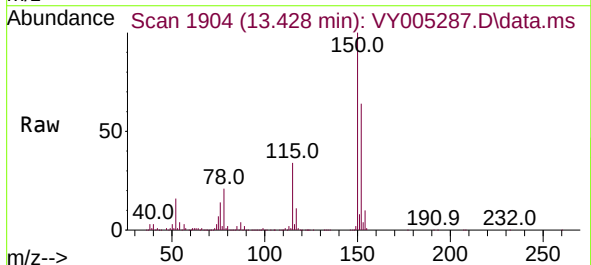
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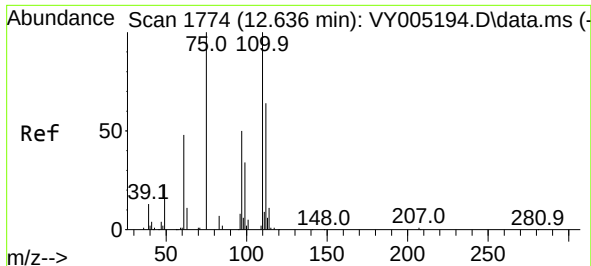
Tgt Ion:117 Resp: 393511
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion:152 Resp: 189744
Ion Ratio Lower Upper
152 100
115 53.1 26.3 78.8
150 155.7 0.0 344.2

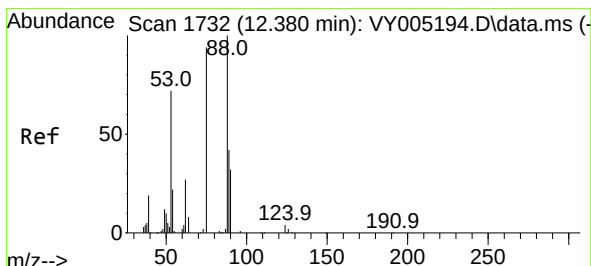
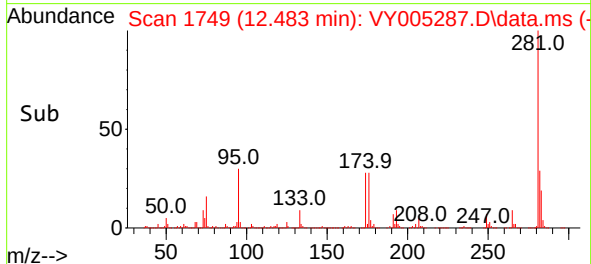
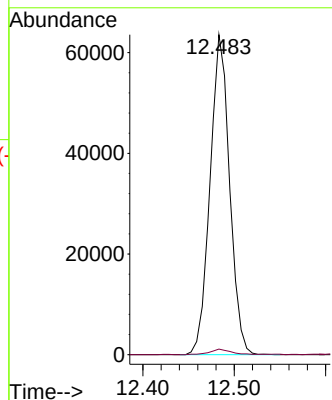
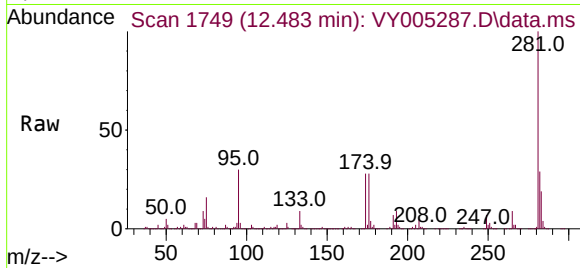




#76
1,2,3-Trichloropropane
Concen: 56.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Instrument :
MSVOA_Y
ClientSampled :
PAT-TP

Tgt Ion: 75 Resp: 94469
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005287.D
Acq: 29 Jun 2021 19:47

Tgt Ion: 75 Resp: 94469
Ion Ratio Lower Upper
75 100
53 0.2 63.0 94.4#
89 4.2 38.0 57.0#

