

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005281.D
 Acq On : 29 Jun 2021 17:27
 Operator : SY/MD
 Sample : M2886-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20426

Quant Time: Jun 30 04:01:04 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)

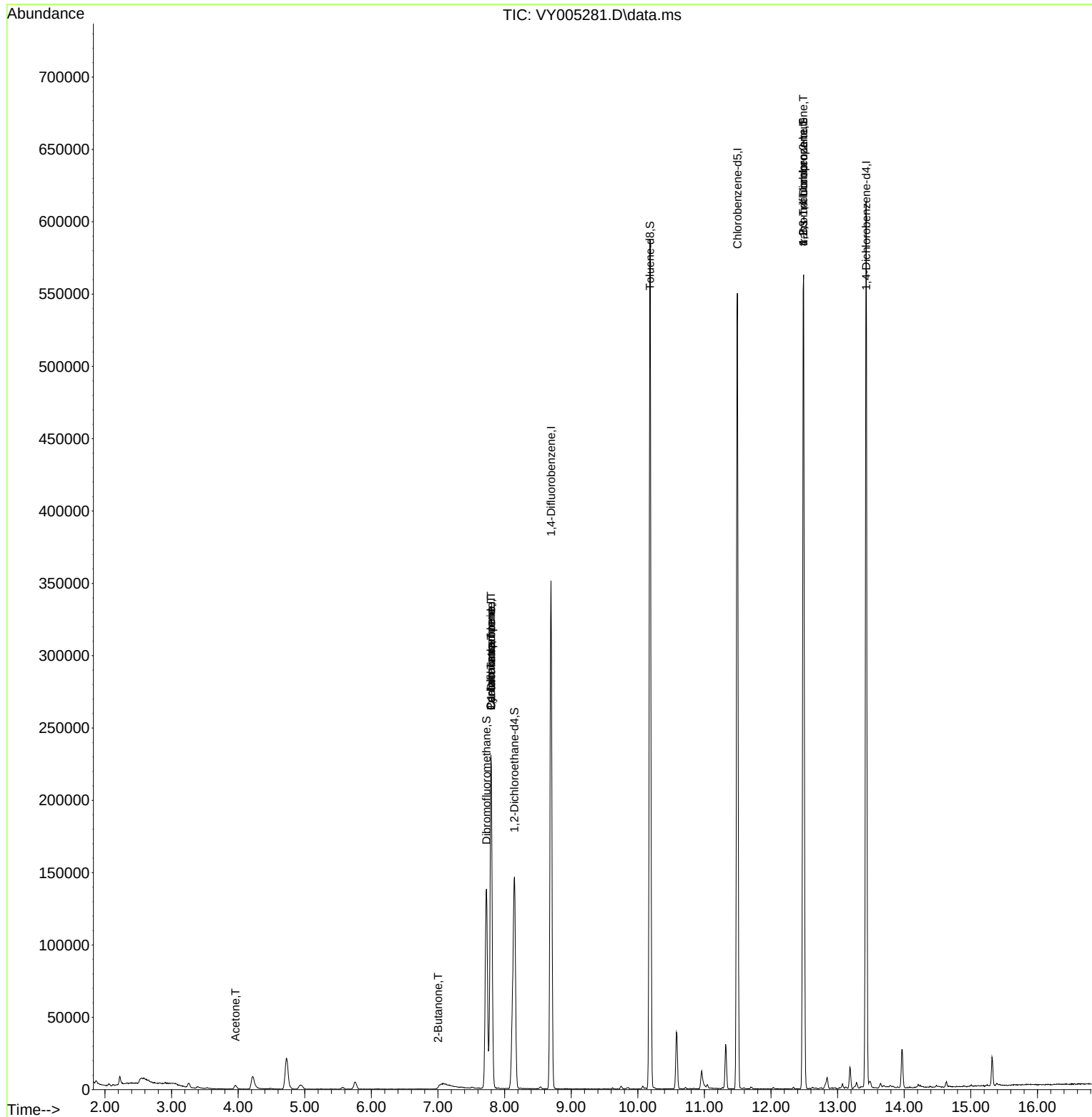
Internal Standards						
1) Pentafluorobenzene	7.795	168	199572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	320262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100605	60.75	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.50%
35) Dibromofluoromethane	7.728	113	98981	52.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.84%
50) Toluene-d8	10.185	98	389240	52.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.08%
62) 4-Bromofluorobenzene	12.483	95	136057	54.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.16%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	2378	Below Cal	#	77
16) Acetone	3.960	43	4545	11.88	ug/l	91
20) Methylene Chloride	4.729	84	17042	Below Cal		94
25) 2-Butanone	7.002	43	665	1.19	ug/l #	43
31) Cyclohexane	7.795	56	3261	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12951	4.64	ug/l #	46
38) Carbon Tetrachloride	7.795	117	16240	5.55	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	66727	45.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66727	84.32	ug/l #	17

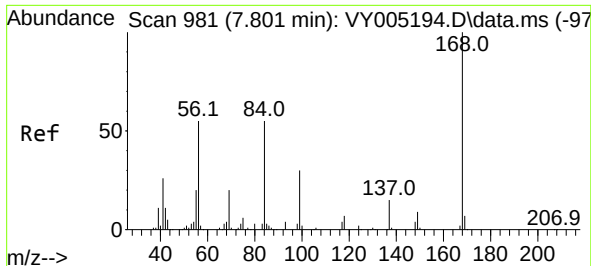
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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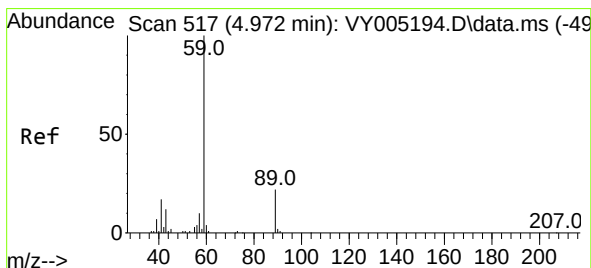
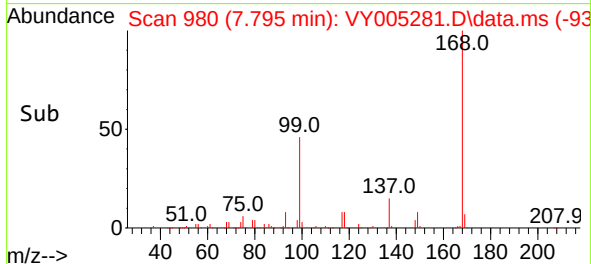
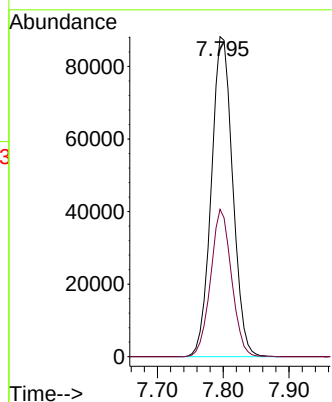
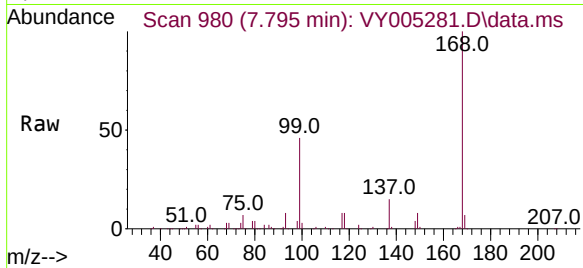




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

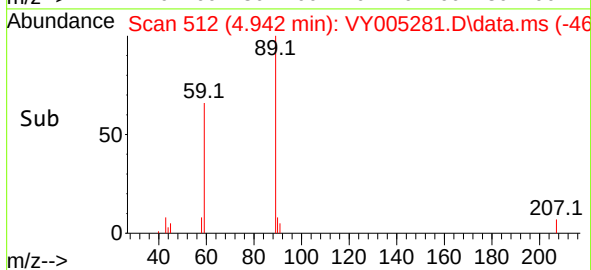
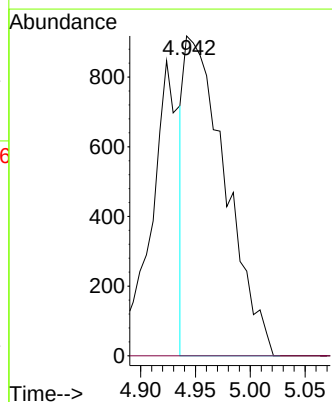
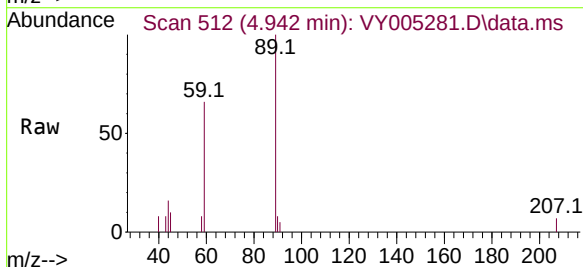
Instrument :
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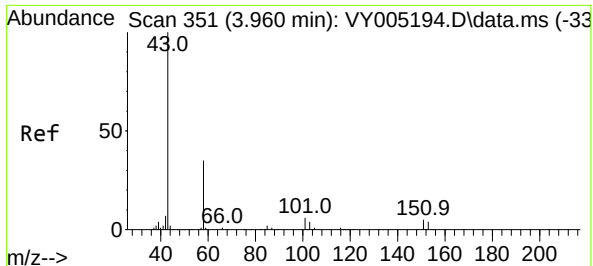
Tgt Ion:168 Resp: 199572
Ion Ratio Lower Upper
168 100
99 46.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion: 59 Resp: 2378
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

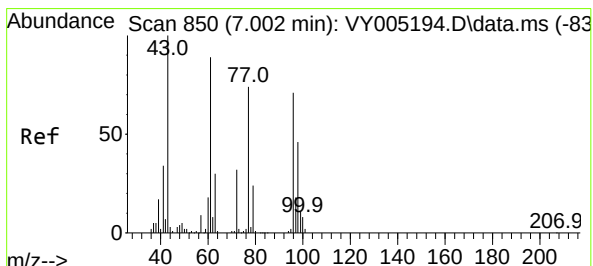
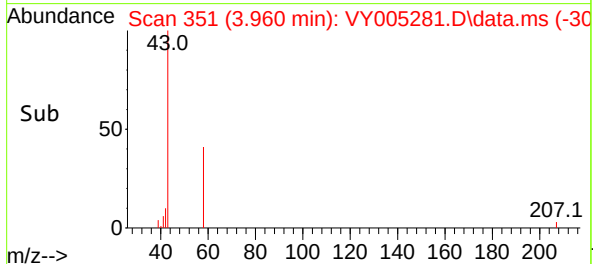
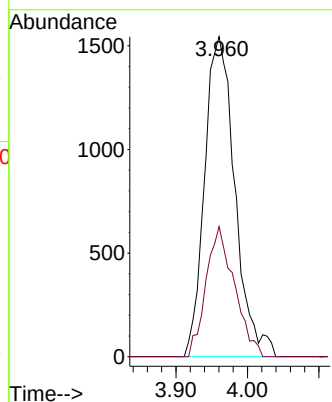
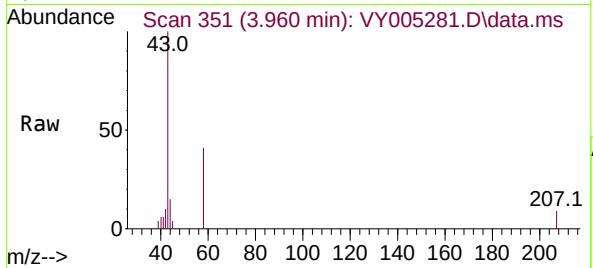




#16
Acetone
Concen: 11.88 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

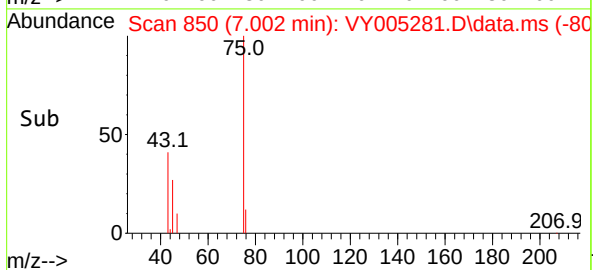
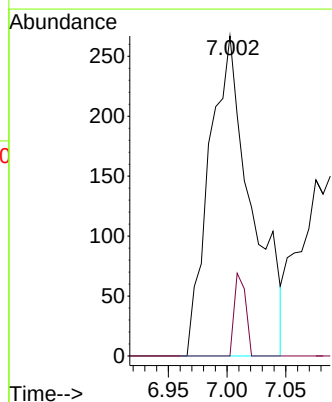
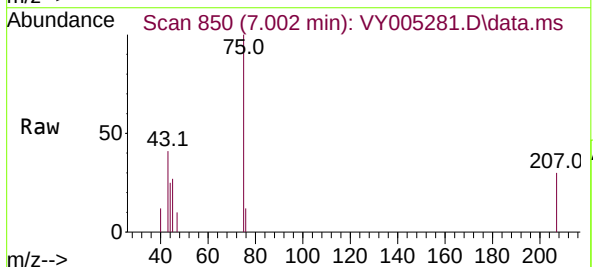
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MSVOA_Y
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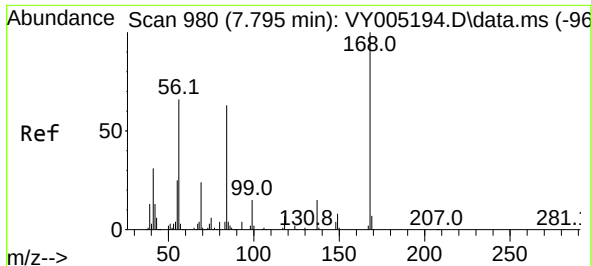
Tgt Ion: 43 Resp: 4545
Ion Ratio Lower Upper
43 100
58 40.7 28.2 42.2



#25
2-Butanone
Concen: 1.19 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion: 43 Resp: 665
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#

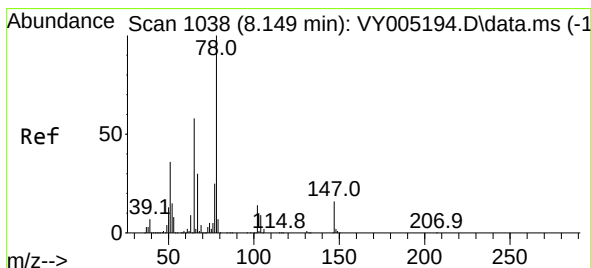
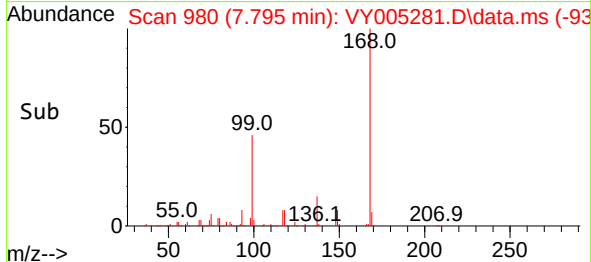
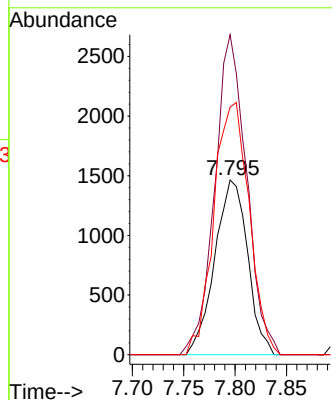
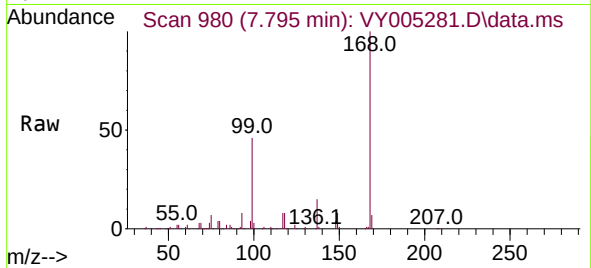




#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

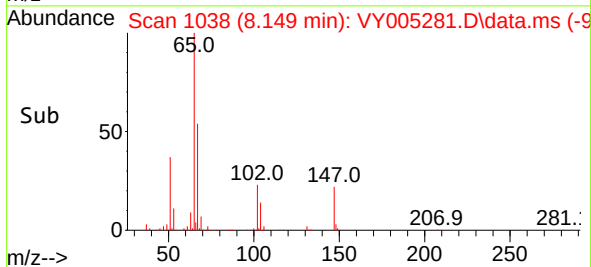
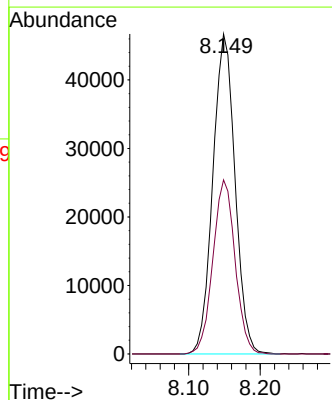
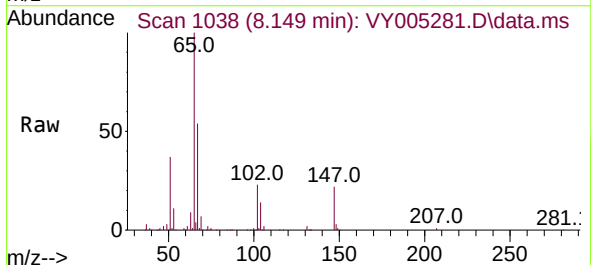
Instrument :
MSVOA_Y
ClientSampleId :
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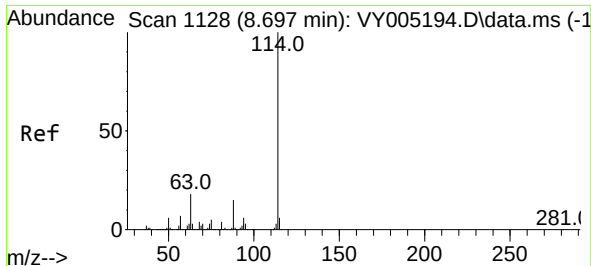
Tgt Ion: 56 Resp: 3261
Ion Ratio Lower Upper
56 100
69 183.2 29.6 44.4#
84 141.8 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 60.75 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion: 65 Resp: 100605
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6

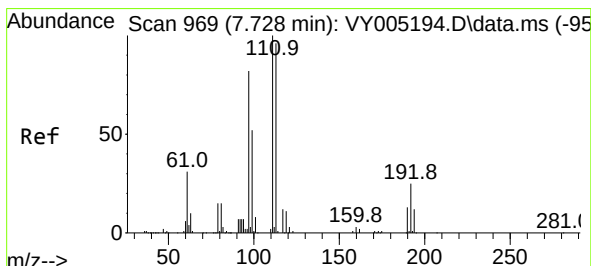
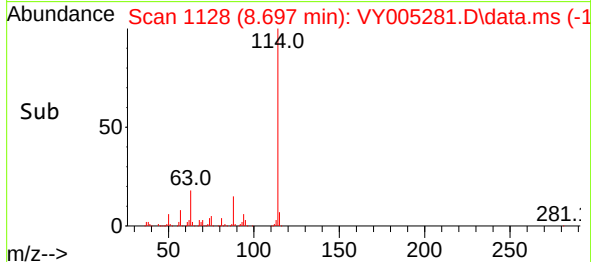
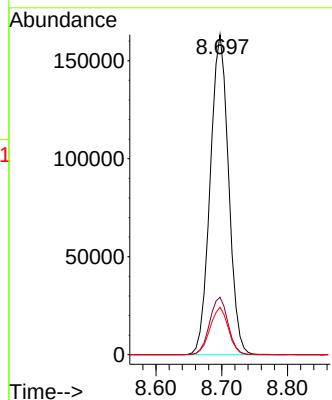
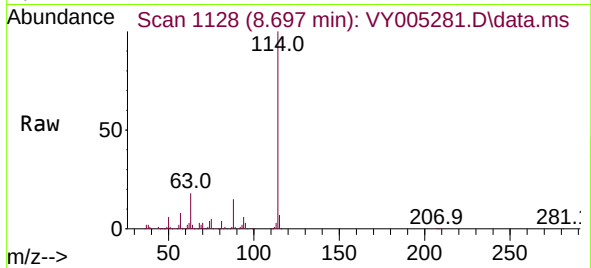




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

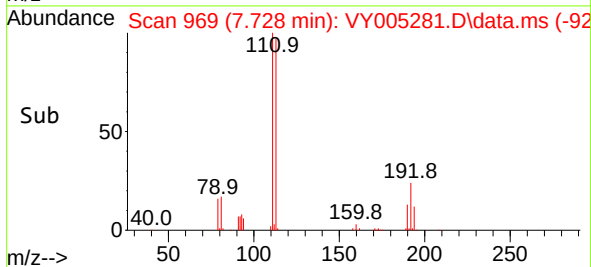
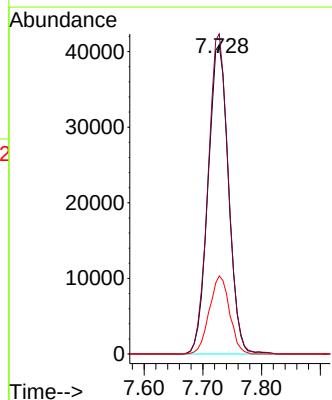
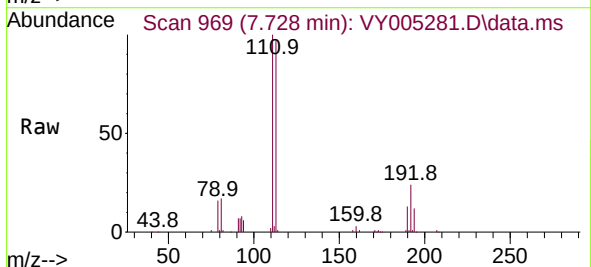
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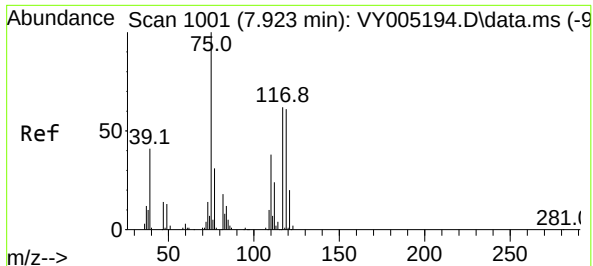
Tgt Ion:114 Resp: 317167
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion:113 Resp: 98981
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 24.9 20.2 30.2

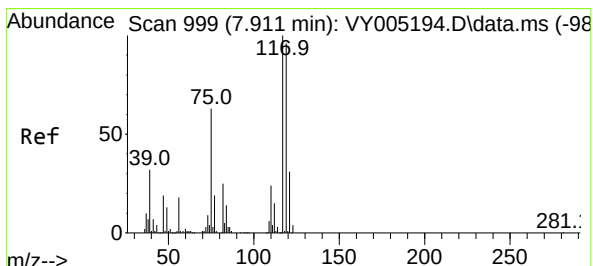
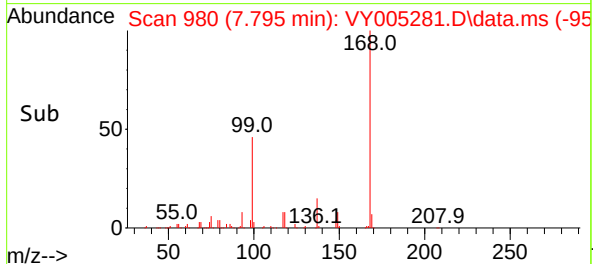
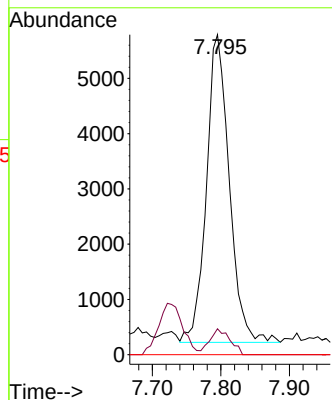
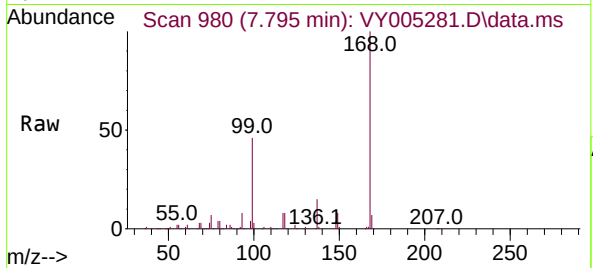




#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

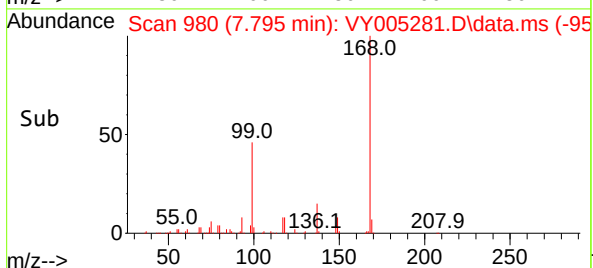
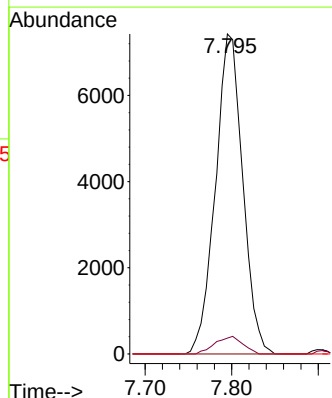
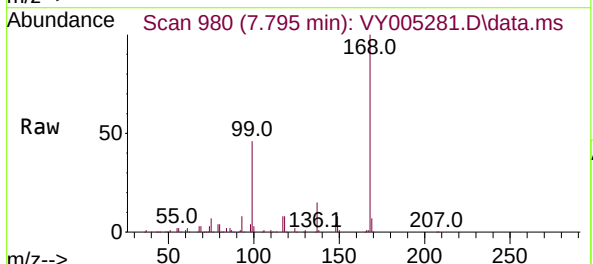
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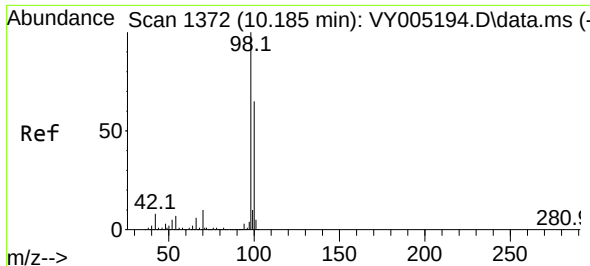
Tgt Ion: 75 Resp: 12951
Ion Ratio Lower Upper
75 100
110 7.3 19.1 57.5#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion: 117 Resp: 16240
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.4#
121 0.0 24.7 37.1#

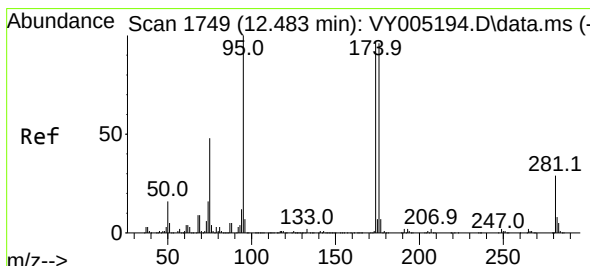
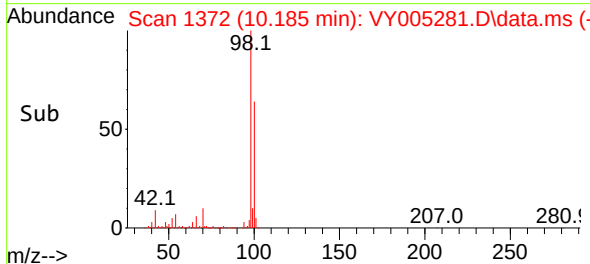
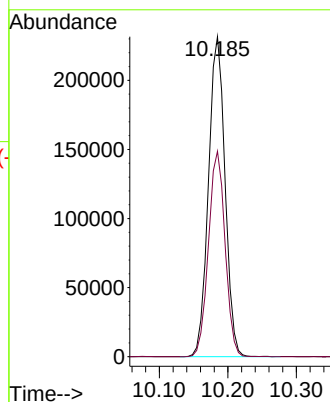
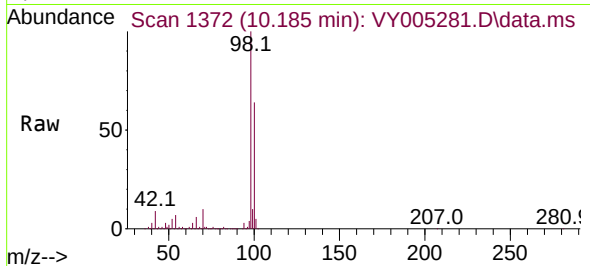




#50
Toluene-d8
Concen: 52.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

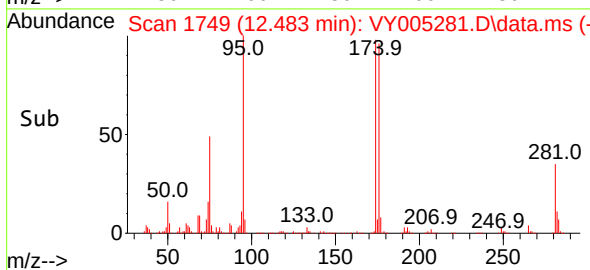
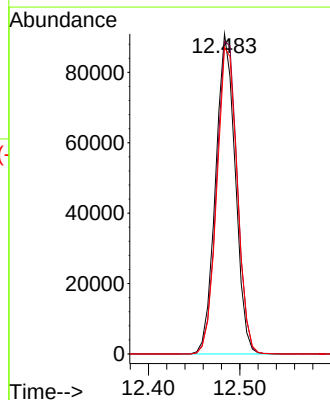
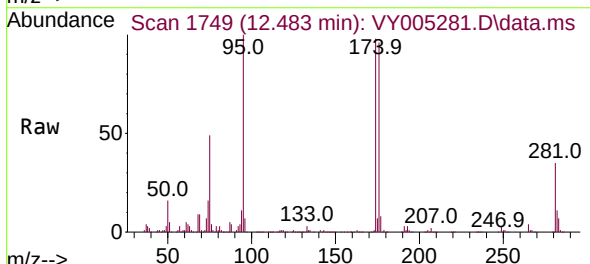
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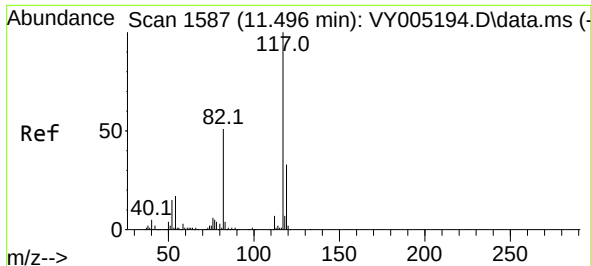
Tgt Ion: 98 Resp: 389240
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion: 95 Resp: 136057
Ion Ratio Lower Upper
95 100
174 102.7 0.0 201.6
176 99.2 0.0 197.4

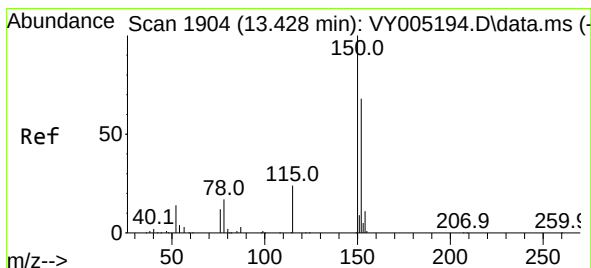
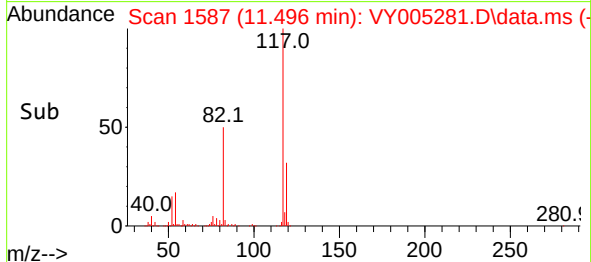
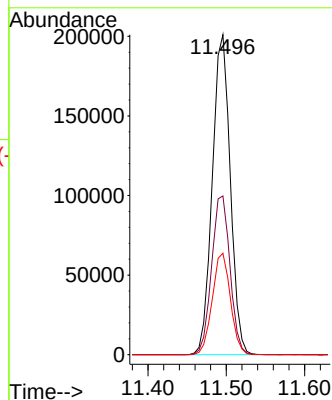
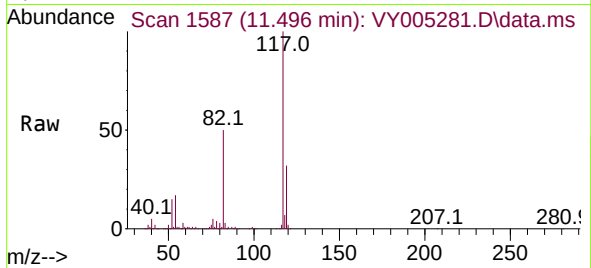




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

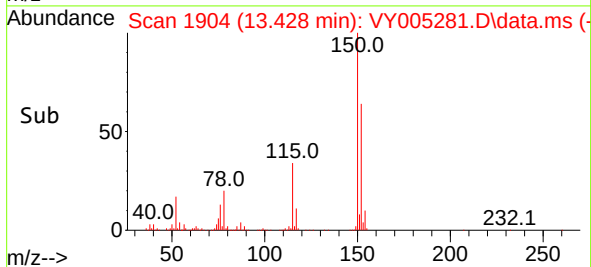
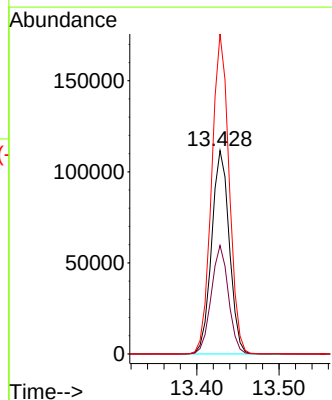
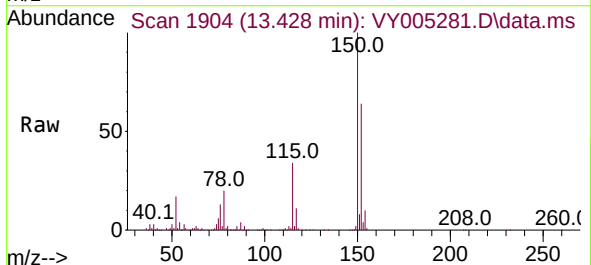
Instrument :
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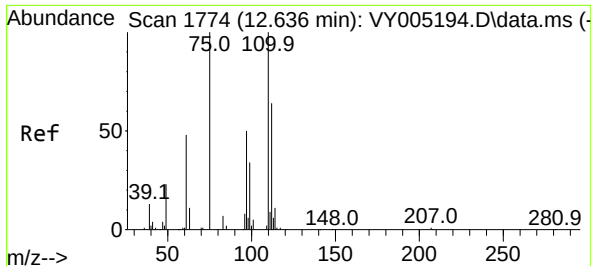
Tgt Ion:117 Resp: 320262
Ion Ratio Lower Upper
117 100
82 49.6 40.6 60.8
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion:152 Resp: 166474
Ion Ratio Lower Upper
152 100
115 51.9 26.3 78.8
150 155.9 0.0 344.2

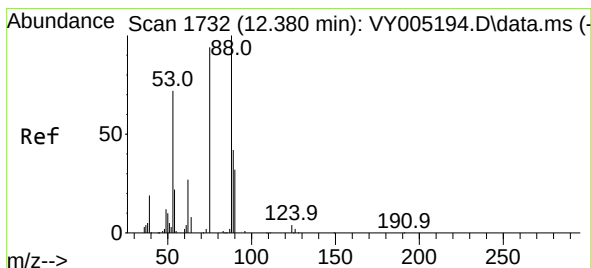
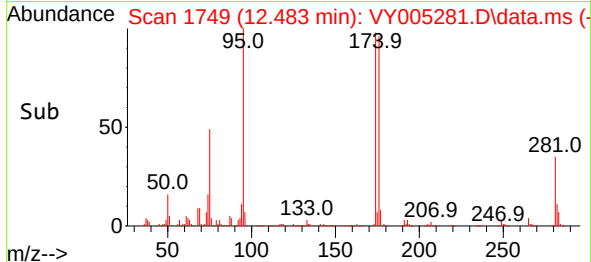
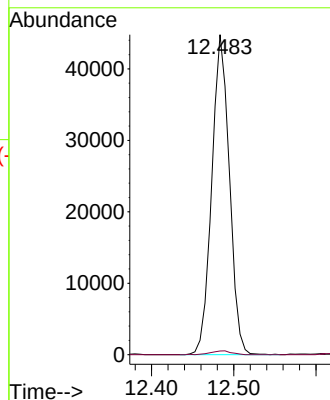
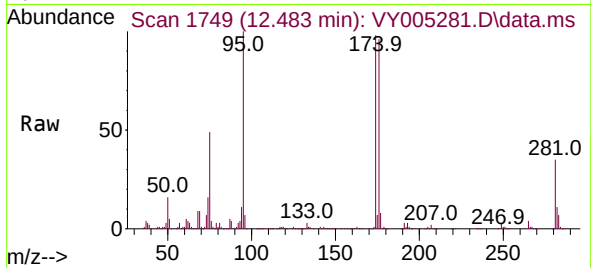




#76
1,2,3-Trichloropropane
Concen: 45.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Instrument :
MSVOA_Y
ClientSampled :
20426

Tgt Ion: 75 Resp: 66727
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005281.D
Acq: 29 Jun 2021 17:27

Tgt Ion: 75 Resp: 66727
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.4 38.0 57.0#

