

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005654.D
 Acq On : 13 Aug 2021 23:03
 Operator : SY/MD
 Sample : M3407-25
 Misc : 10.78G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 29N

Quant Time: Aug 14 03:41:13 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)

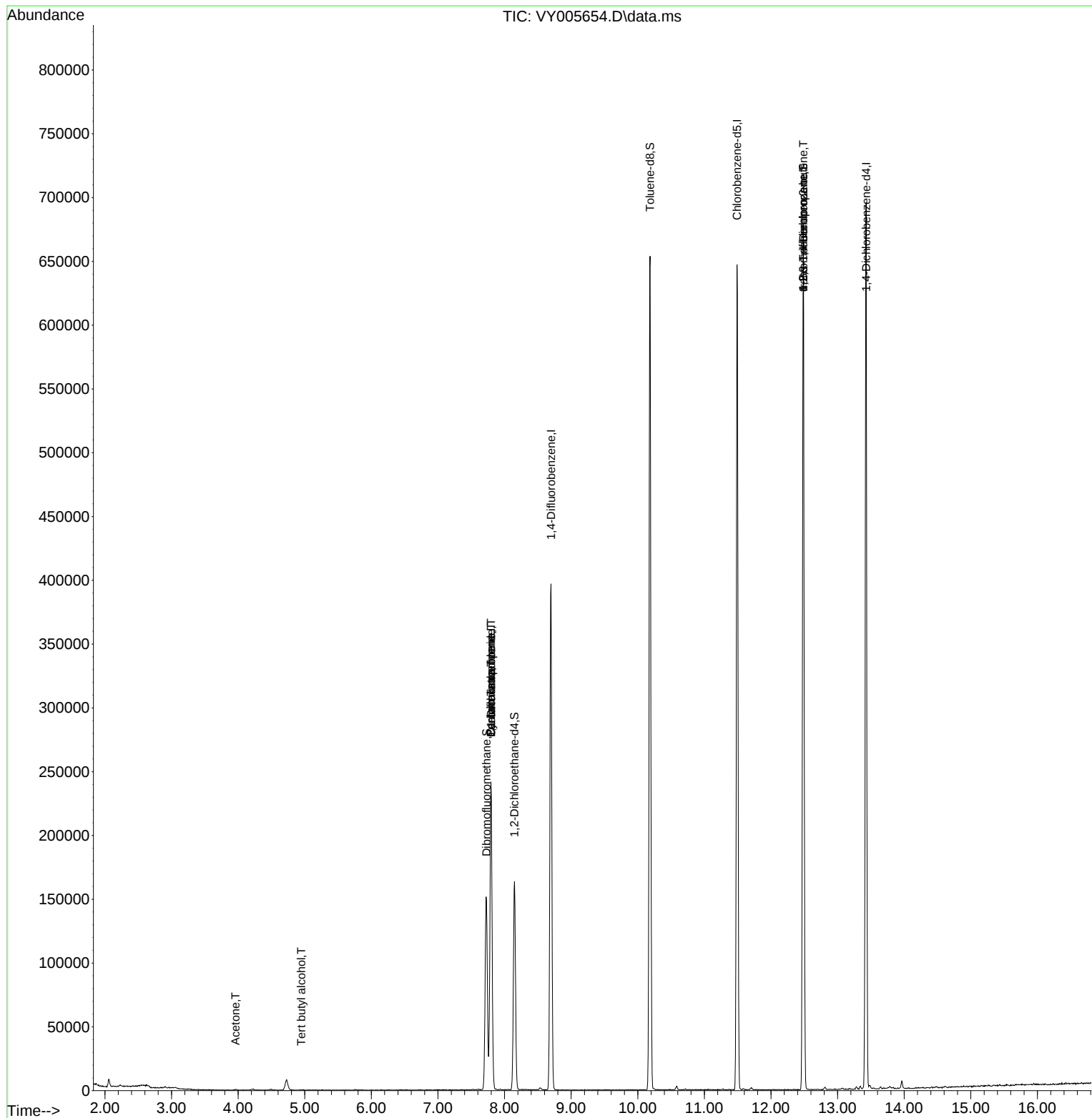
Internal Standards						
1) Pentafluorobenzene	7.795	168	192301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	334063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	344109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	132964	68.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.620%	
35) Dibromofluoromethane	7.728	113	102701	54.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.820%	
50) Toluene-d8	10.185	98	428124	54.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.160%	
62) 4-Bromofluorobenzene	12.483	95	153113	58.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	294	1.528	ug/l #	73
16) Acetone	3.960	43	695	1.416	ug/l #	45
20) Methylene Chloride	4.729	84	5634	Below Cal	#	81
31) Cyclohexane	7.795	56	3975	1.191	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	14215	4.537	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17764	5.216	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	87915	47.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87915	96.287	ug/l #	11

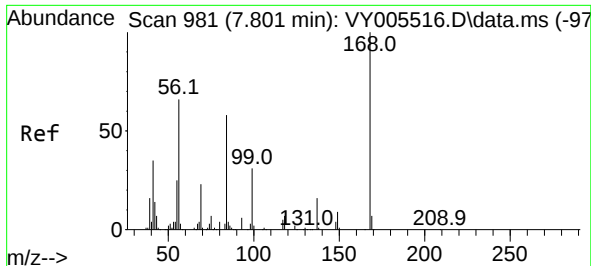
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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29N

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QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

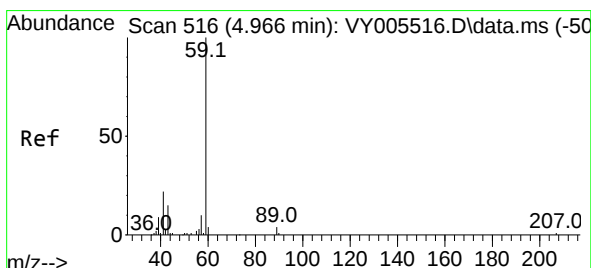
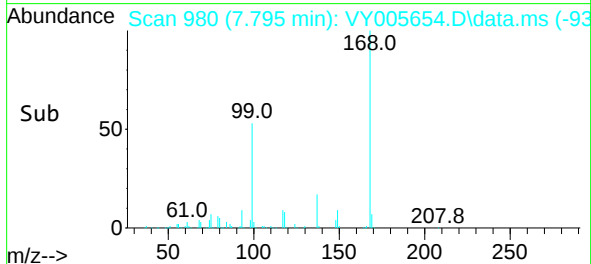
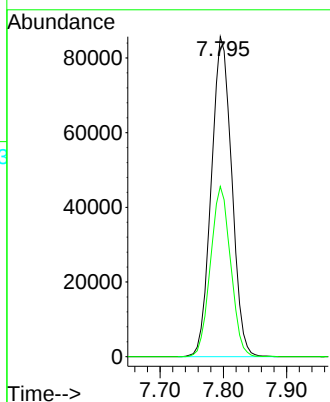
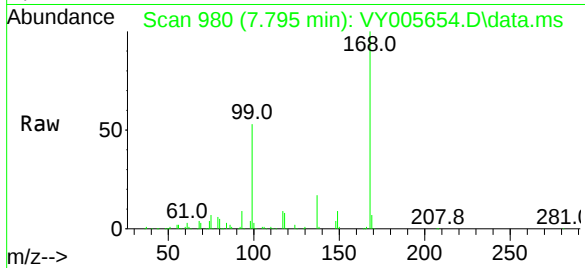




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

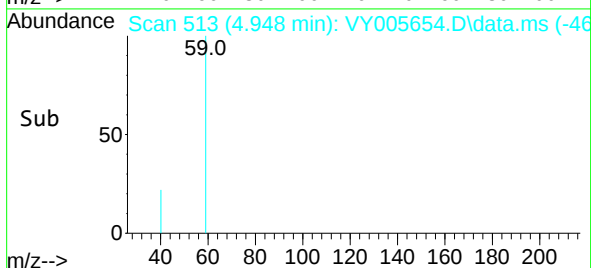
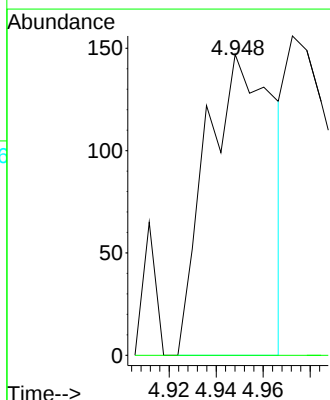
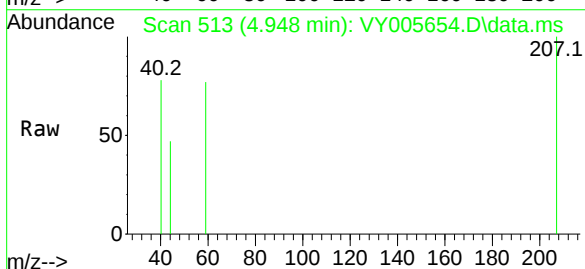
Instrument :
MSVOA_Y
ClientSampled :
29N

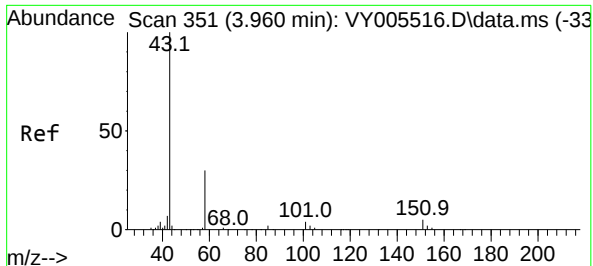
Tgt Ion:168 Resp: 192301
Ion Ratio Lower Upper
168 100
99 53.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.528 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

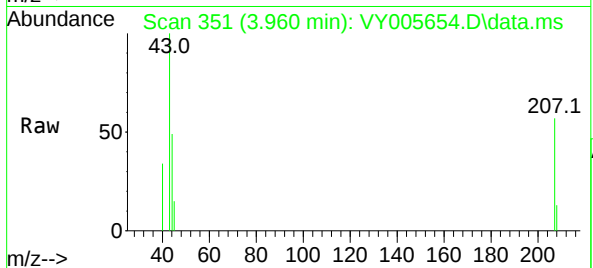
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



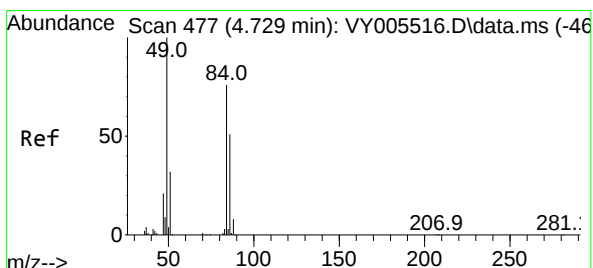
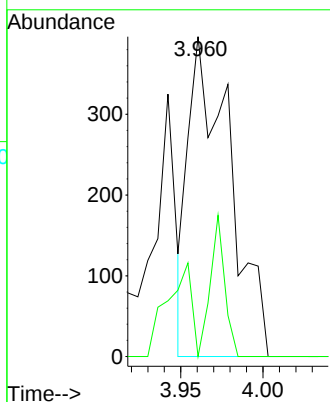
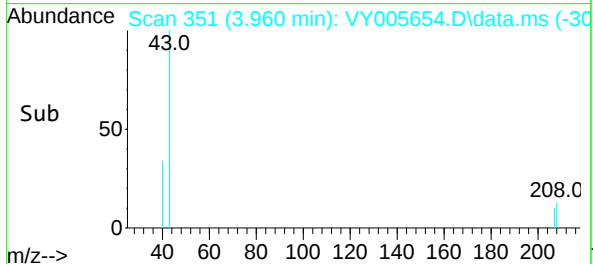


#16
Acetone
Concen: 1.416 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

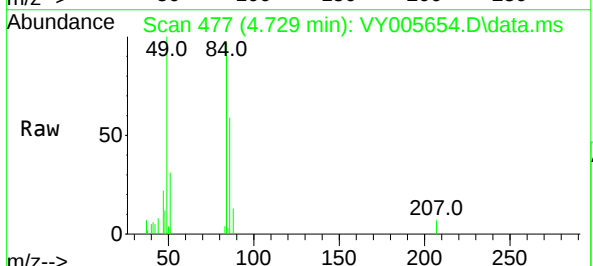
Instrument :
MSVOA_Y
ClientSampled :
29N



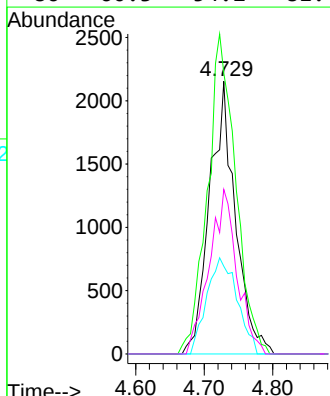
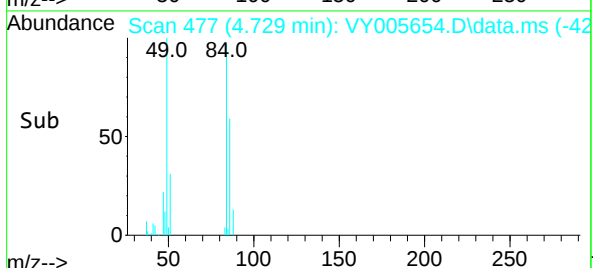
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

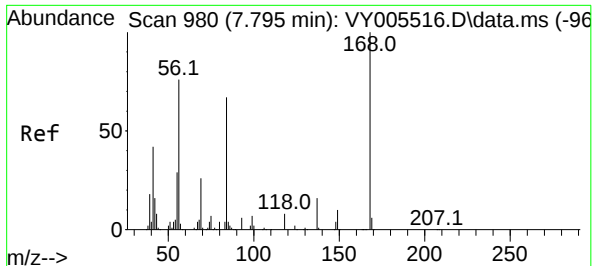


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03



Tgt Ion: 84 Resp: 5634
Ion Ratio Lower Upper
84 100
49 103.0 105.8 158.6#
51 32.1 33.4 50.2#
86 60.3 54.2 81.4

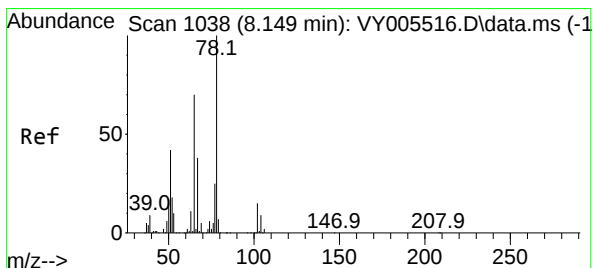
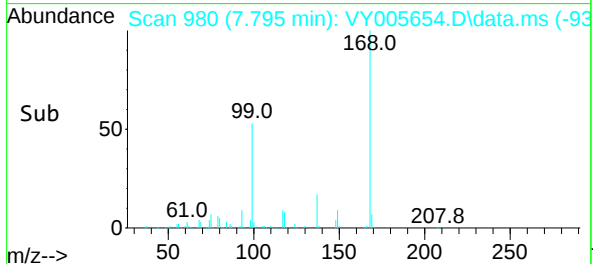
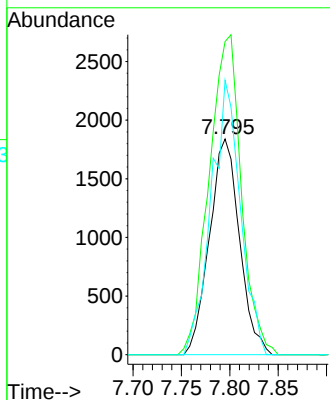
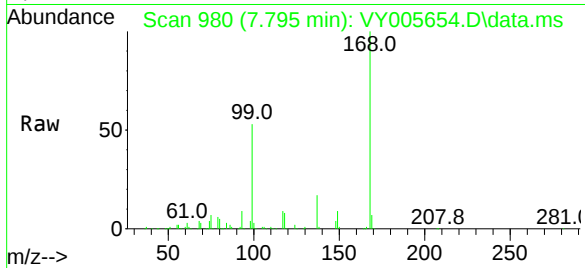




#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

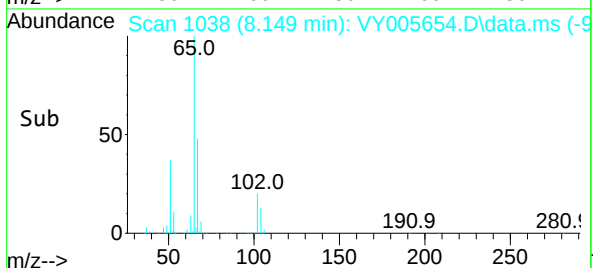
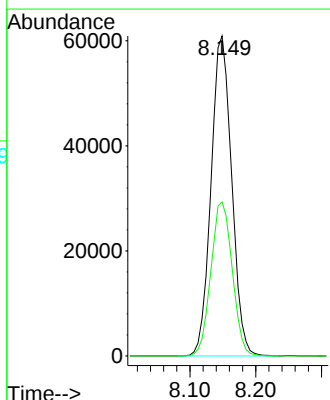
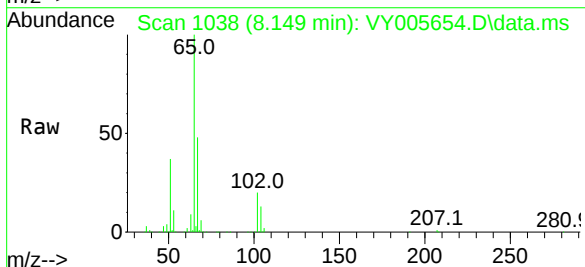
Instrument :
MSVOA_Y
ClientSampleId :
29N

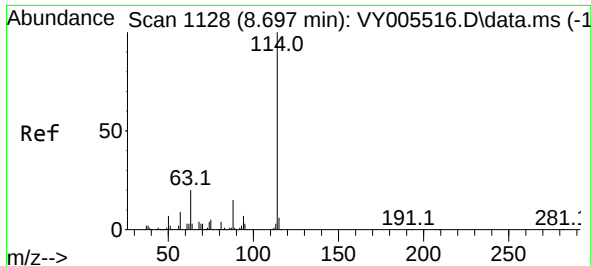
Tgt Ion: 56 Resp: 3975
Ion Ratio Lower Upper
56 100
69 145.2 27.7 41.5#
84 127.2 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 68.307 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion: 65 Resp: 132964
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4

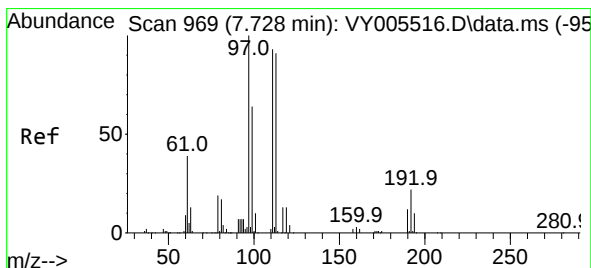
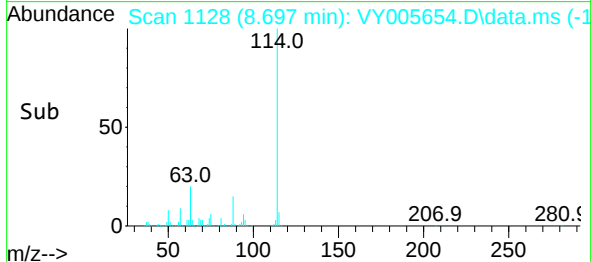
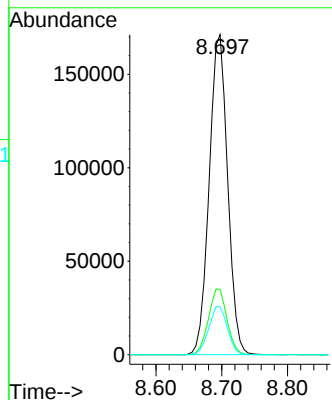
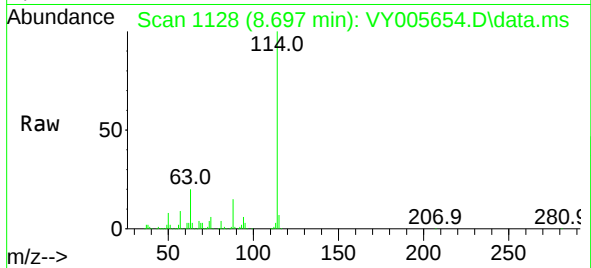




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

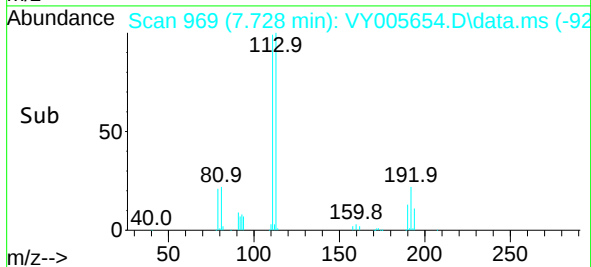
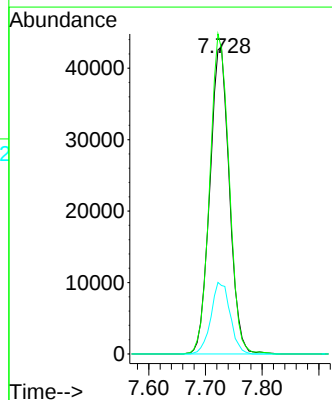
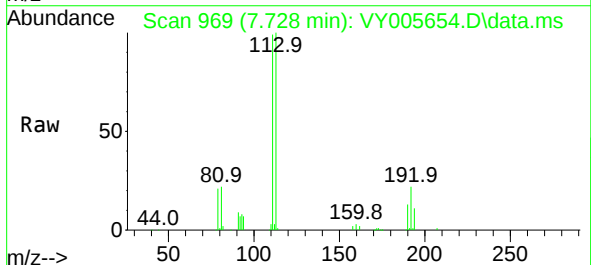
Instrument :
MSVOA_Y
ClientSampled :
29N

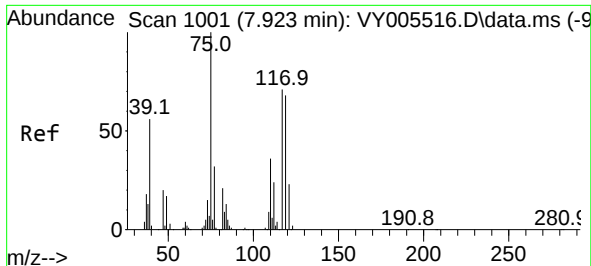
Tgt Ion:114 Resp: 334063
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 15.0 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.910 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion:113 Resp: 102701
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 22.9 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.537 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005654.D

Acq: 13 Aug 2021 23:03

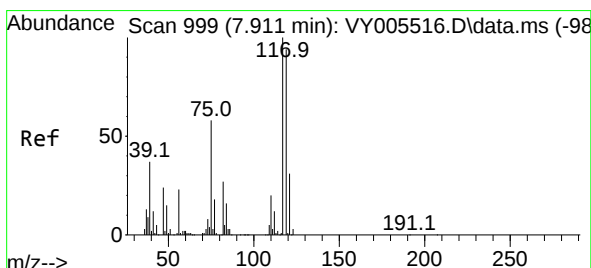
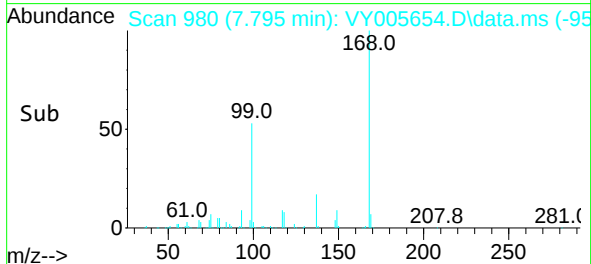
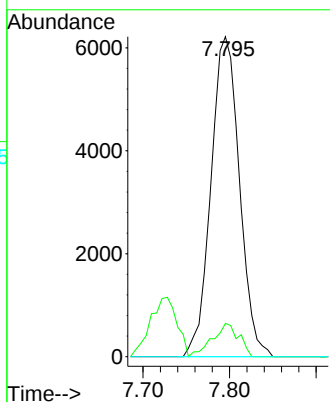
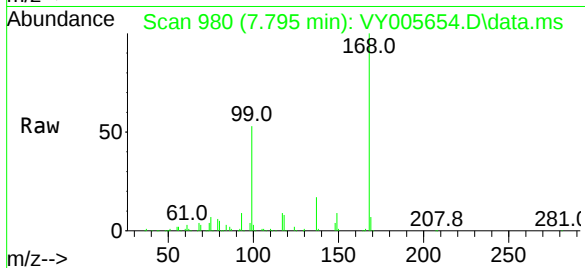
Instrument :

MSVOA_Y

ClientSampleId :

29N

Tgt Ion: 75	Resp: 14215
Ion Ratio	Lower Upper
75 100	
110 9.4	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.216 ug/l

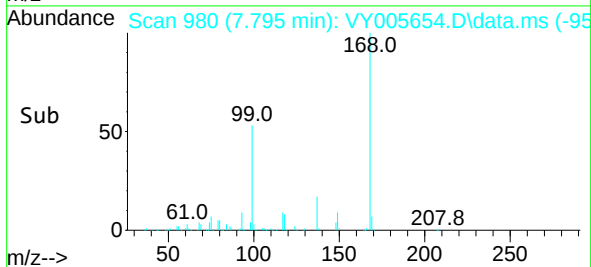
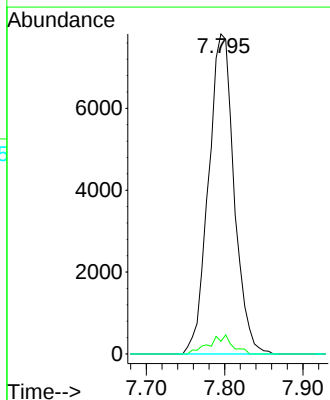
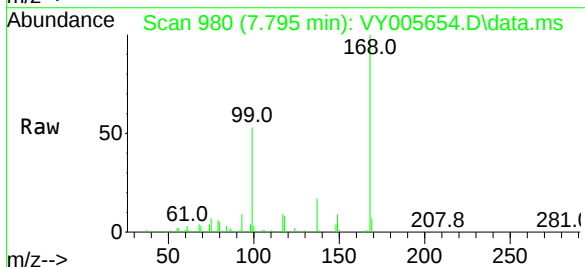
RT: 7.795 min Scan# 980

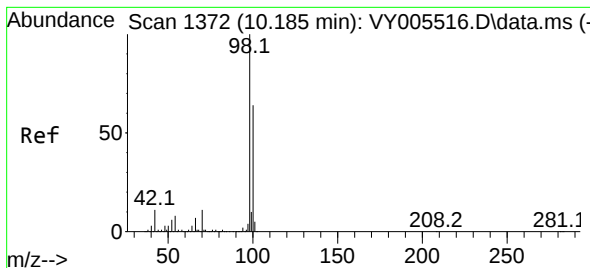
Delta R.T. -0.116 min

Lab File: VY005654.D

Acq: 13 Aug 2021 23:03

Tgt Ion: 117	Resp: 17764
Ion Ratio	Lower Upper
117 100	
119 3.9	75.4 113.0#
121 0.0	25.1 37.7#

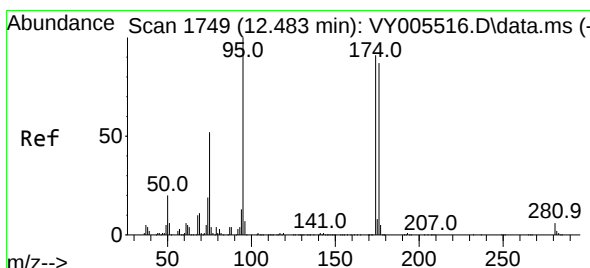
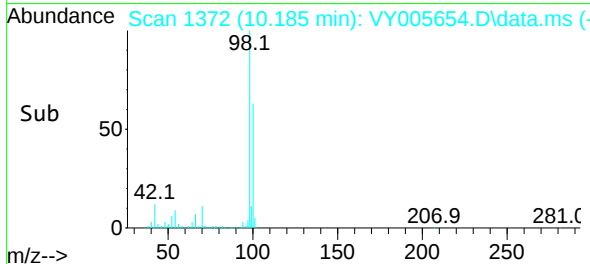
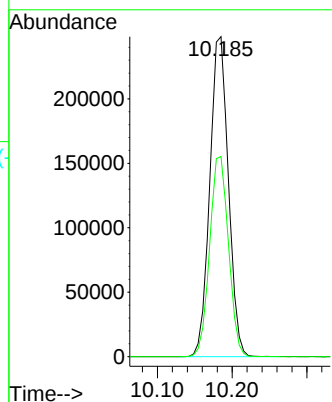
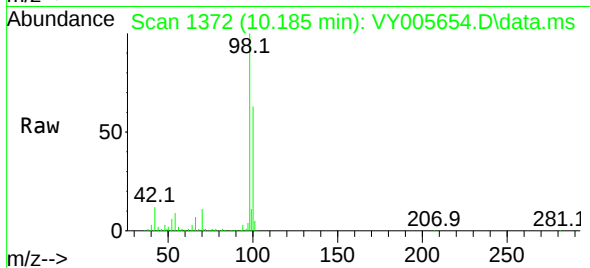




#50
Toluene-d8
Concen: 54.579 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

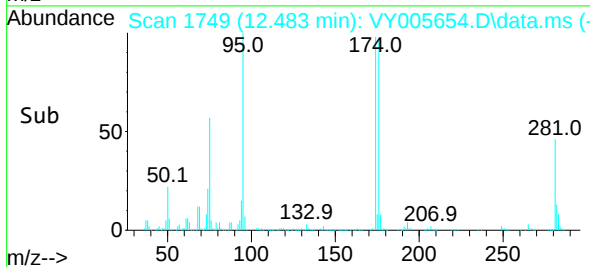
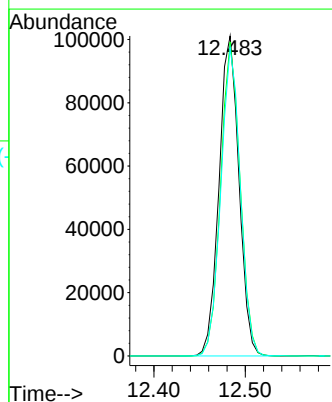
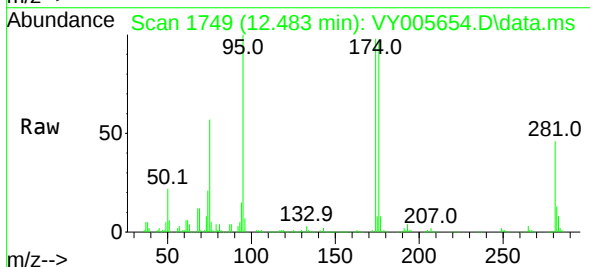
Instrument :
MSVOA_Y
ClientSampled :
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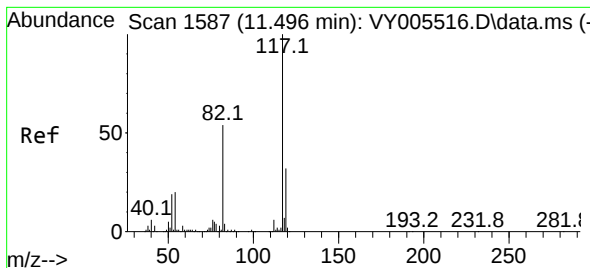
Tgt Ion: 98 Resp: 428124
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 58.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion: 95 Resp: 153113
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 94.2 0.0 183.6

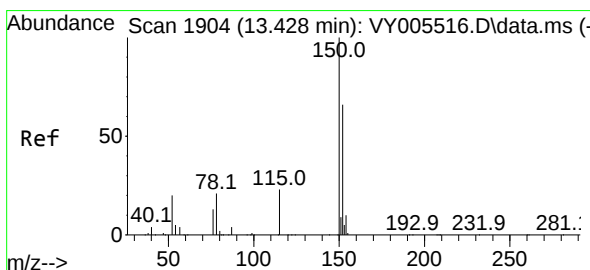
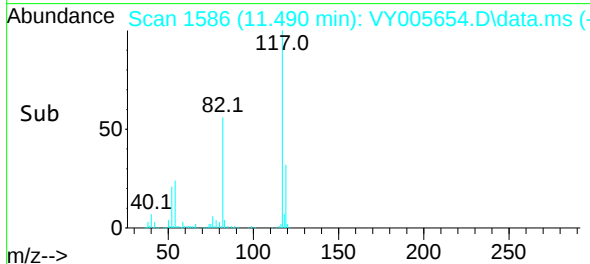
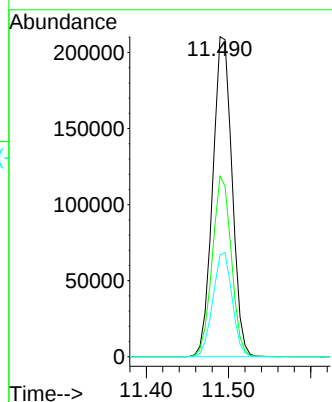
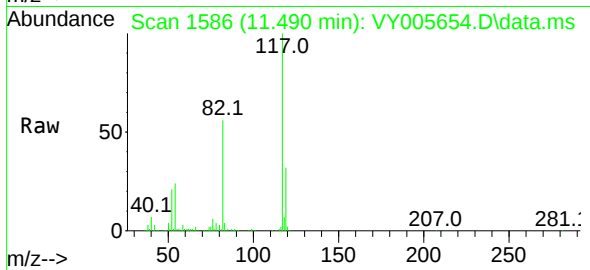




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

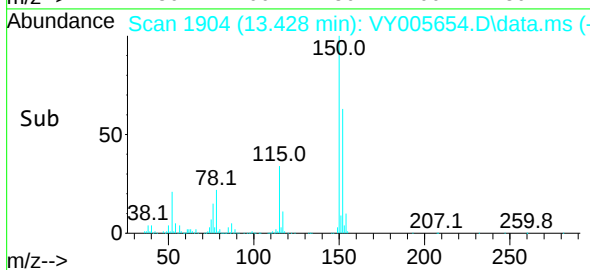
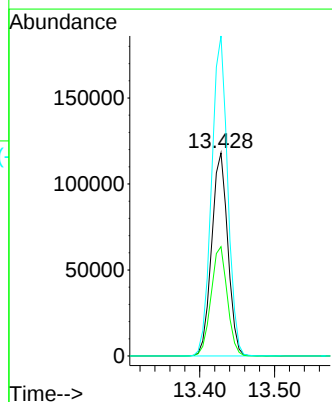
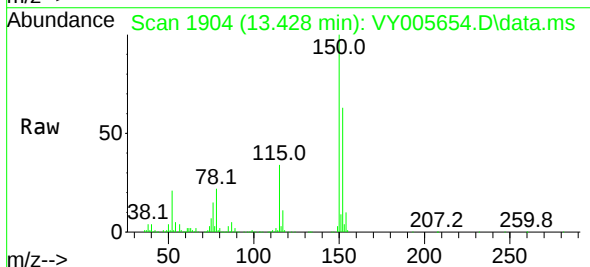
Instrument :
MSVOA_Y
ClientSampleId :
29N

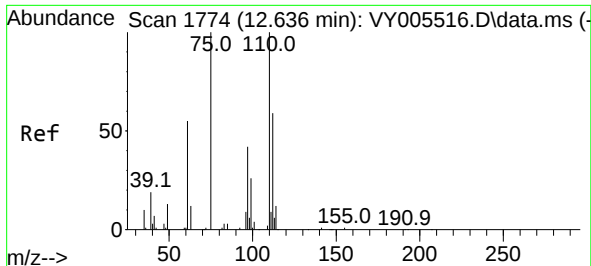
Tgt Ion:117 Resp: 344109
Ion Ratio Lower Upper
117 100
82 56.4 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion:152 Resp: 177614
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.7 0.0 350.2

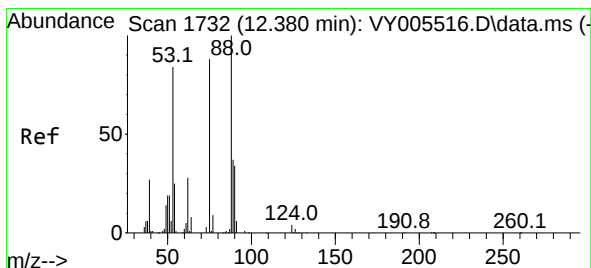
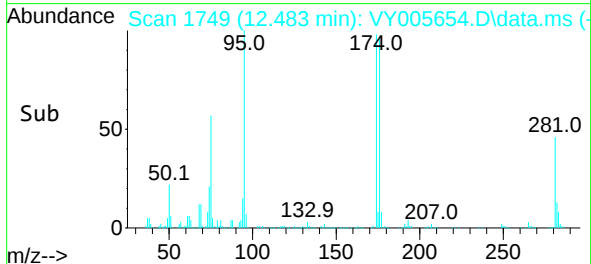
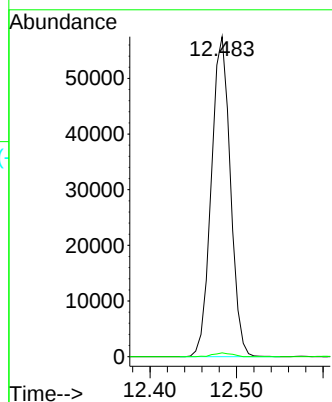
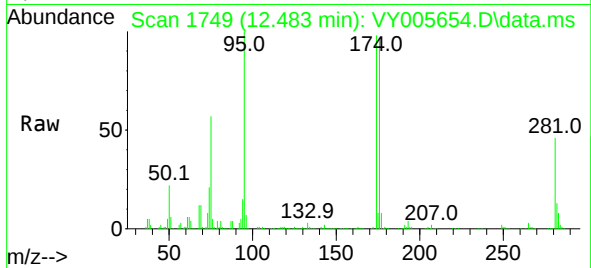




#76
1,2,3-Trichloropropane
Concen: 47.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Instrument :
MSVOA_Y
ClientSampled :
29N

Tgt Ion: 75 Resp: 87915
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005654.D
Acq: 13 Aug 2021 23:03

Tgt Ion: 75 Resp: 87915
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.2 38.4 57.6#

