

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005694.D
 Acq On : 17 Aug 2021 01:58
 Operator : SY/MD
 Sample : M3424-13
 Misc : 8.18G/5ML/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20N

Quant Time: Aug 17 05:23:52 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)

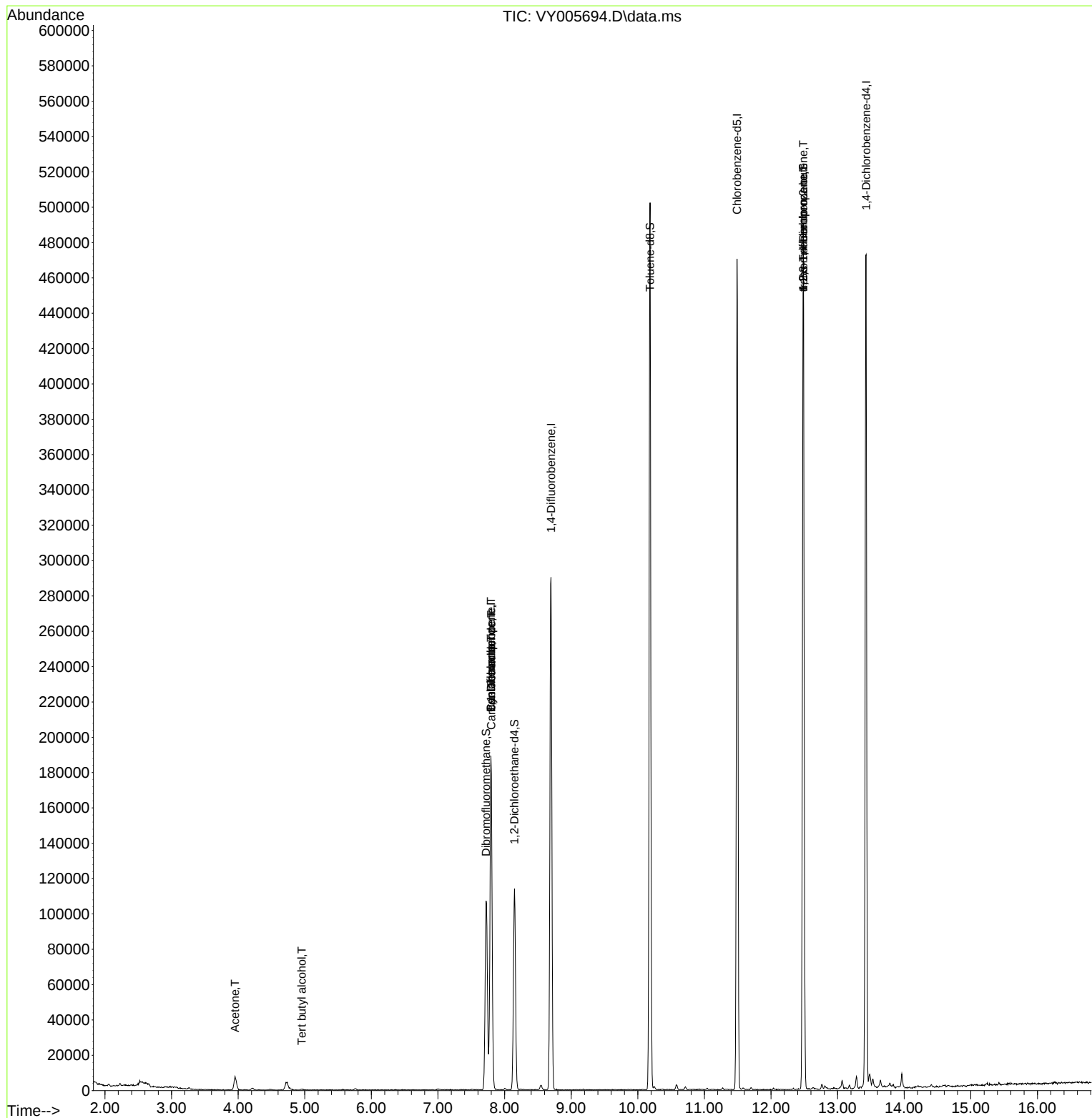
Internal Standards						
1) Pentafluorobenzene	7.795	168	149434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	248514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92383	61.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.140%	
35) Dibromofluoromethane	7.722	113	73479	52.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.620%	
50) Toluene-d8	10.185	98	320735	54.964	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.920%	
62) 4-Bromofluorobenzene	12.483	95	107874	55.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.640%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	667	4.460	ug/l #	73
16) Acetone	3.954	43	13046	34.208	ug/l	97
20) Methylene Chloride	4.716	84	1842	Below Cal	#	91
31) Cyclohexane	7.795	56	2995	1.154	ug/l #	27
36) 1,1-Dichloropropene	7.795	75	10841	4.651	ug/l #	51
38) Carbon Tetrachloride	7.801	117	13815	5.453	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	61444	47.783	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61444	96.325	ug/l #	11

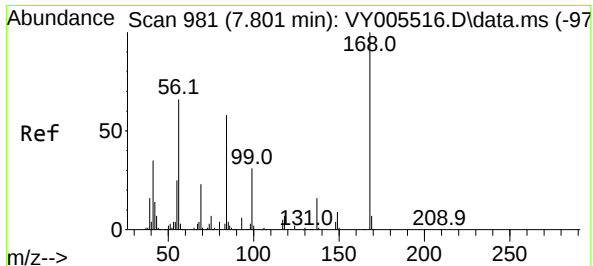
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

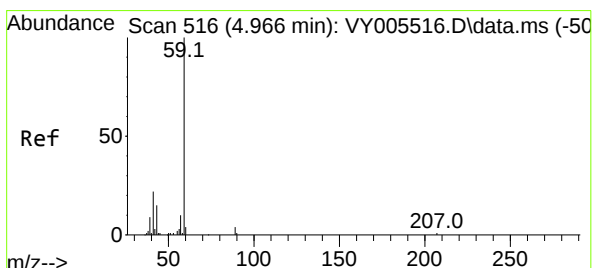
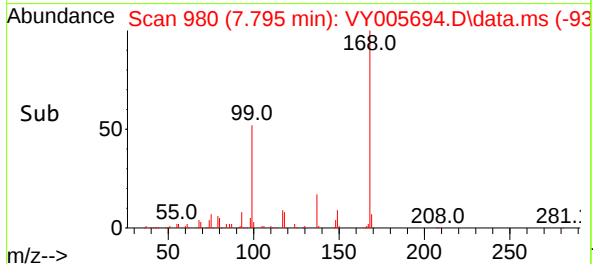
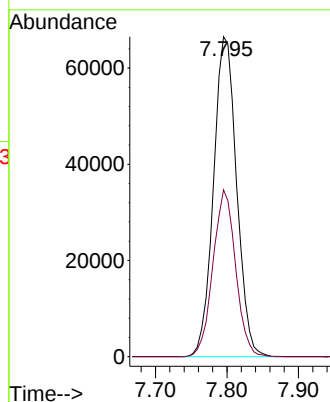
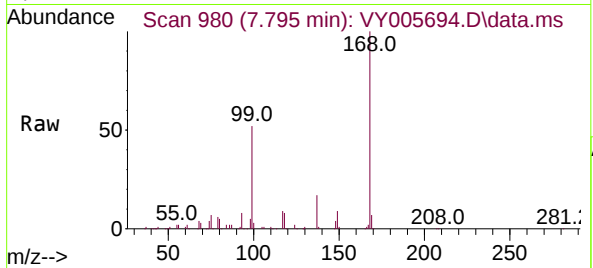




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

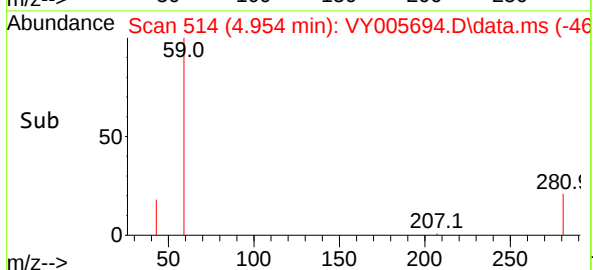
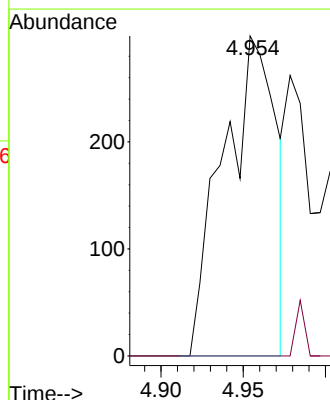
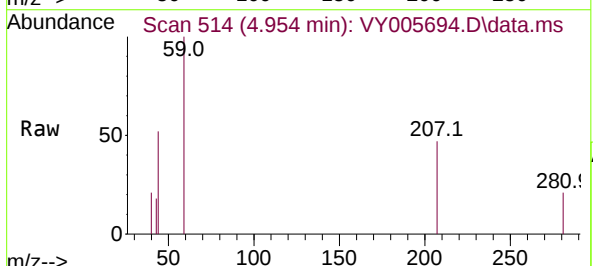
Instrument :
MSVOA_Y
ClientSampleId :
20N

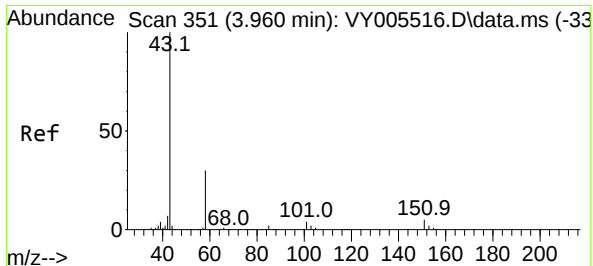
Tgt Ion:168 Resp: 149434
Ion Ratio Lower Upper
168 100
99 52.1 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.460 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Tgt Ion: 59 Resp: 667
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

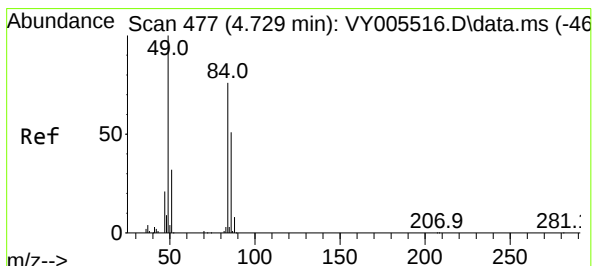
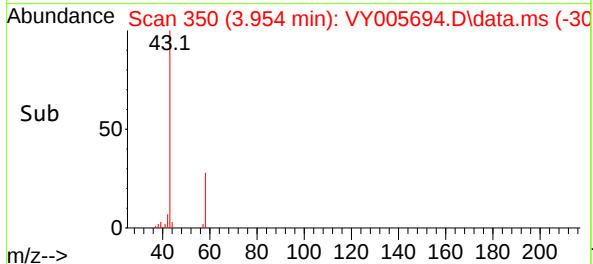
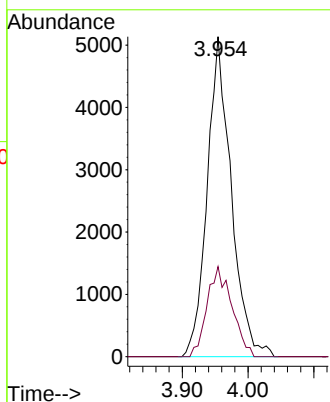
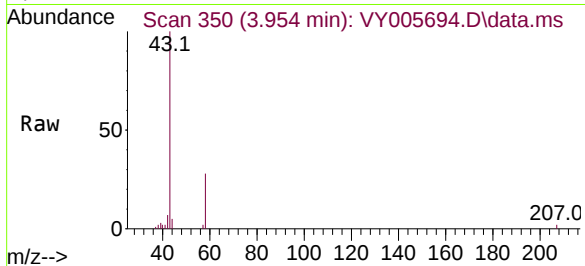




#16
Acetone
Concen: 34.208 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

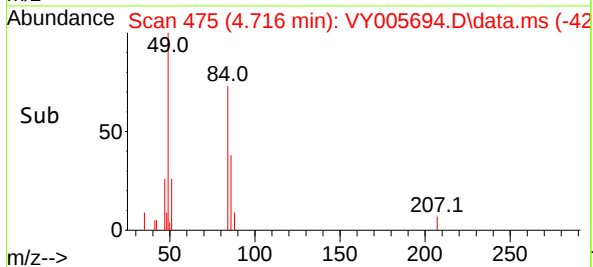
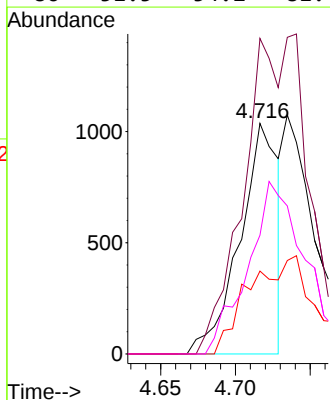
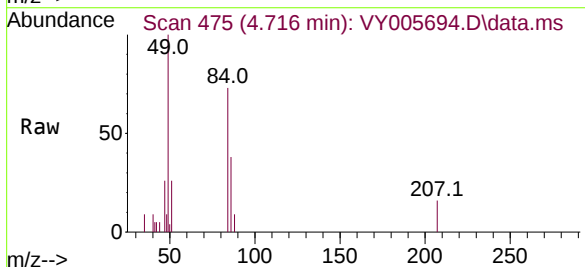
Instrument :
MSVOA_Y
ClientSampled :
20N

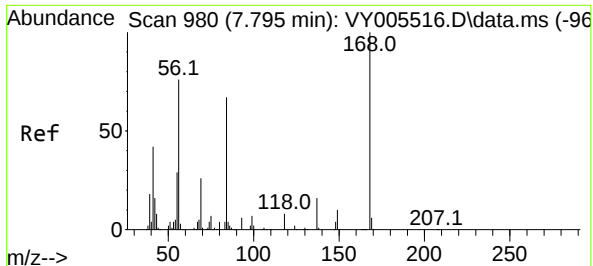
Tgt Ion: 43 Resp: 13046
Ion Ratio Lower Upper
43 100
58 28.1 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Tgt Ion: 84 Resp: 1842
Ion Ratio Lower Upper
84 100
49 136.8 105.8 158.6
51 36.0 33.4 50.2
86 51.5 54.2 81.4#

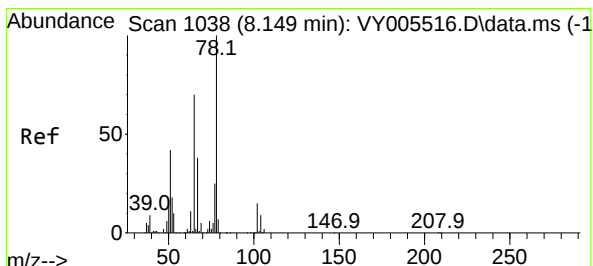
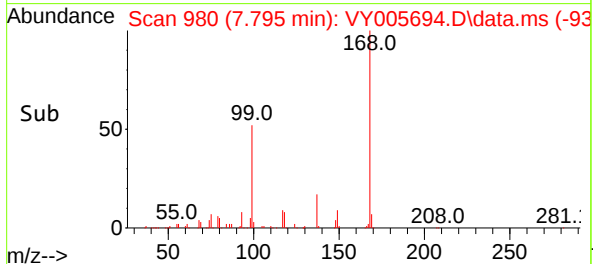
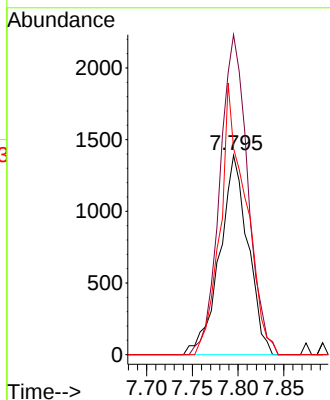
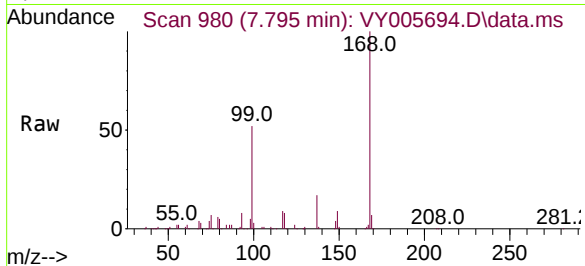




#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

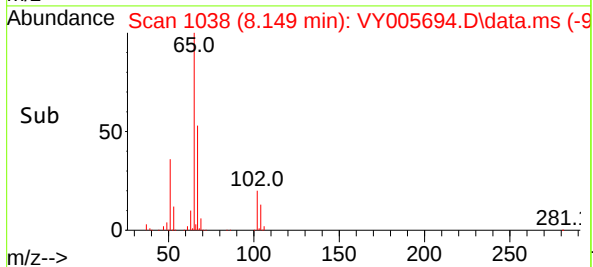
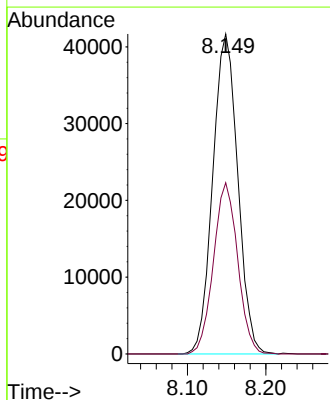
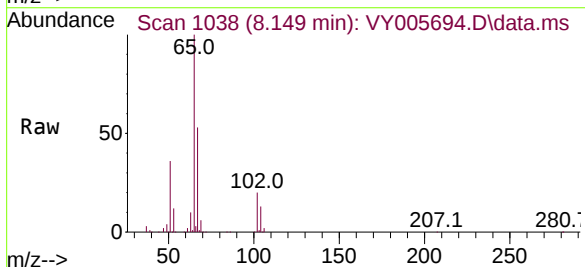
Instrument :
MSVOA_Y
ClientSampled :
20N

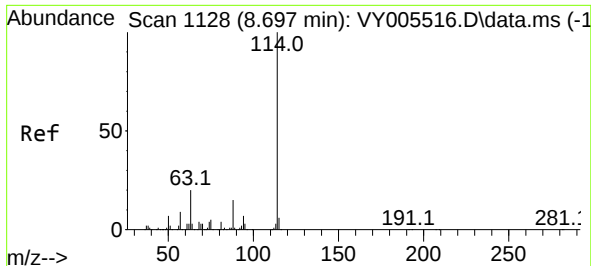
Tgt Ion: 56 Resp: 2995
Ion Ratio Lower Upper
56 100
69 160.5 27.7 41.5#
84 103.5 70.9 106.3



#33
1,2-Dichloroethane-d4
Concen: 61.074 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Tgt Ion: 65 Resp: 92383
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.4

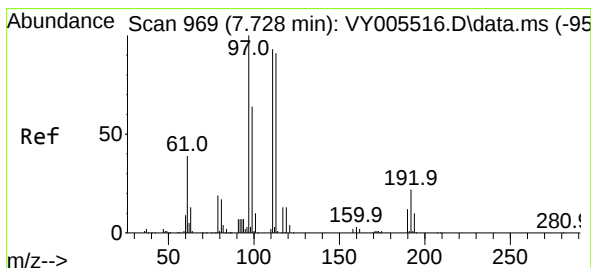
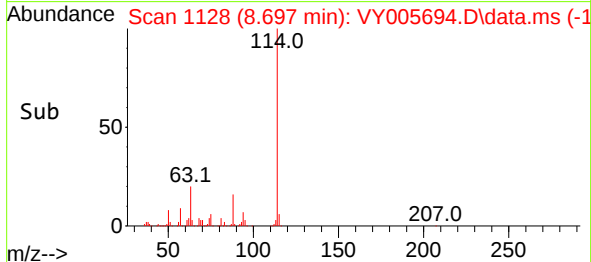
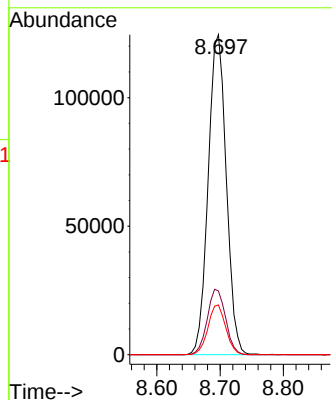
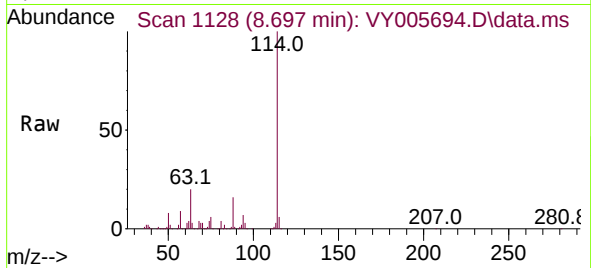




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

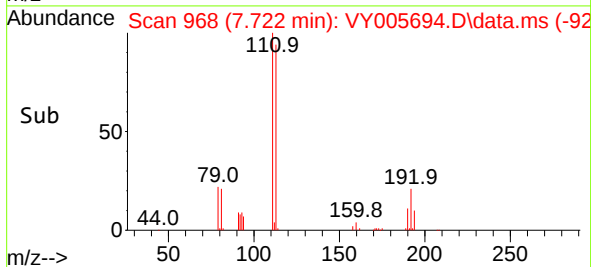
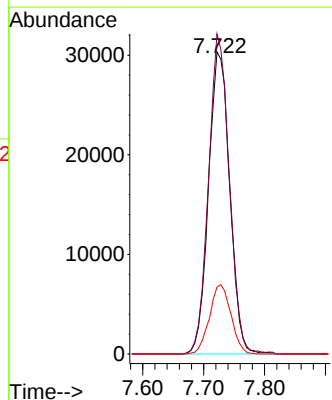
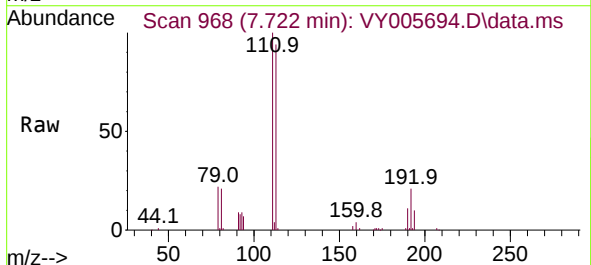
Instrument :
MSVOA_Y
ClientSampled :
20N

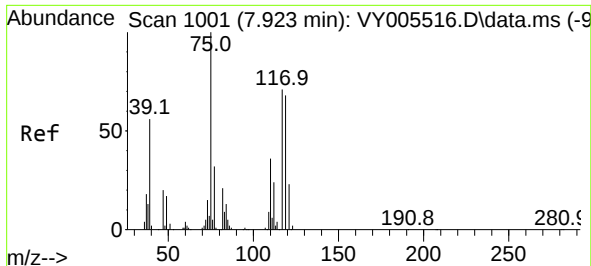
Tgt Ion:	114	Resp:	248514
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.2
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.811 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Tgt Ion:	113	Resp:	73479
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	23.2	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005694.D

Acq: 17 Aug 2021 01:58

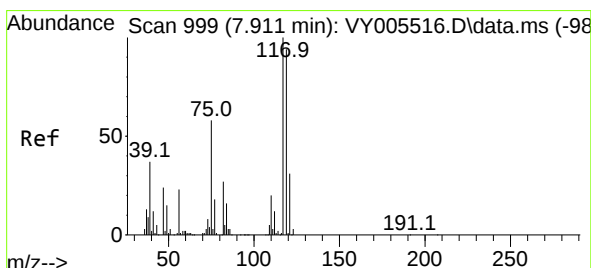
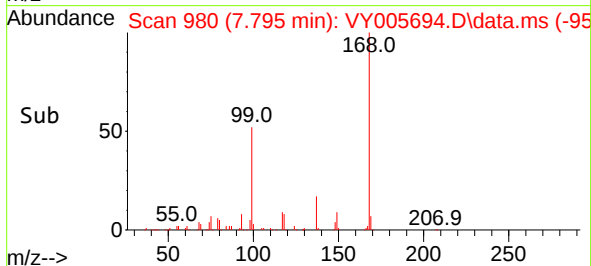
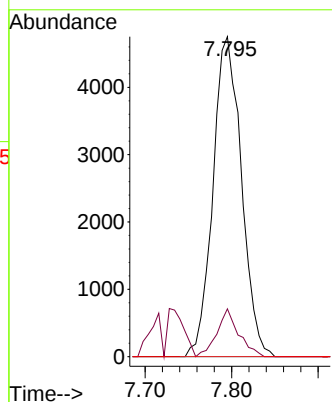
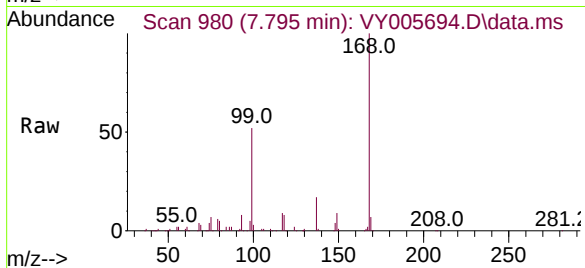
Instrument :

MSVOA_Y

ClientSampleId :

20N

Tgt Ion:	75	Resp:	10841
Ion	Ratio	Lower	Upper
75	100		
110	11.4	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.453 ug/l

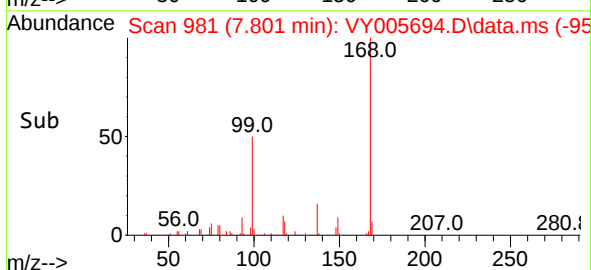
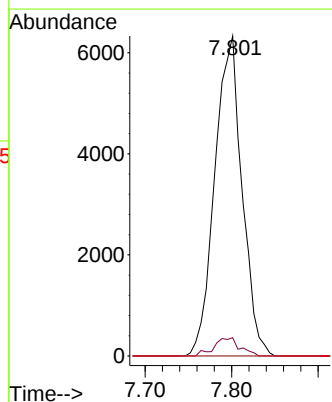
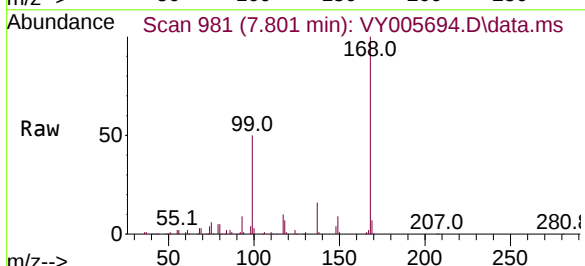
RT: 7.801 min Scan# 981

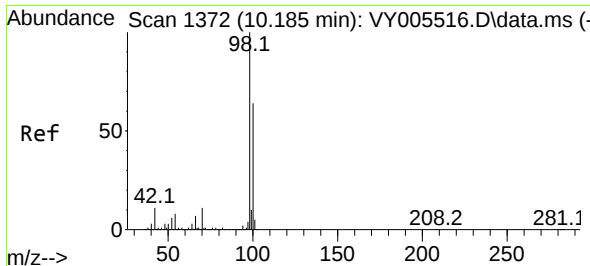
Delta R.T. -0.110 min

Lab File: VY005694.D

Acq: 17 Aug 2021 01:58

Tgt Ion:	117	Resp:	13815
Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.4	113.0#
121	0.0	25.1	37.7#

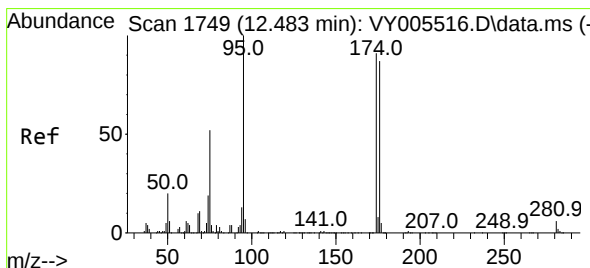
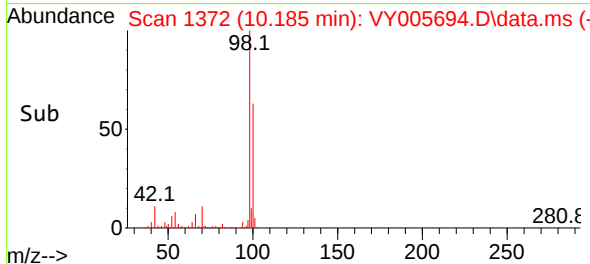
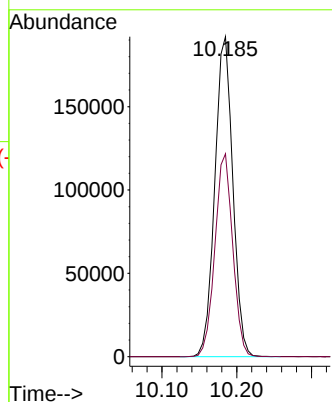
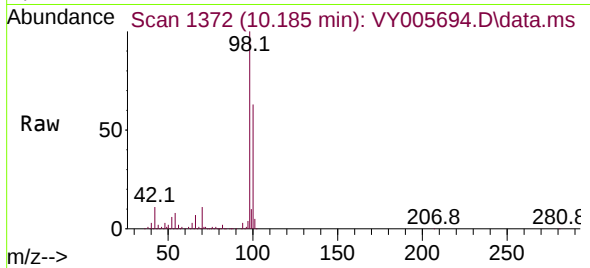




#50
Toluene-d8
Concen: 54.964 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

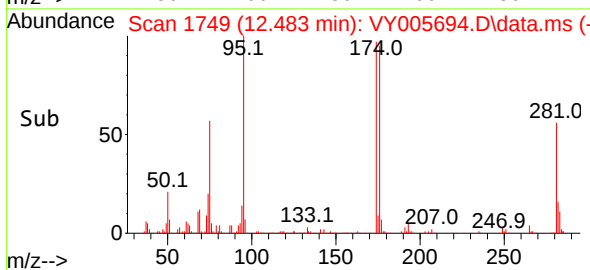
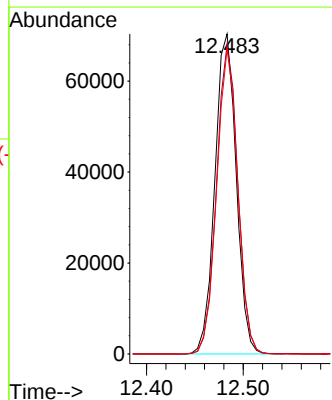
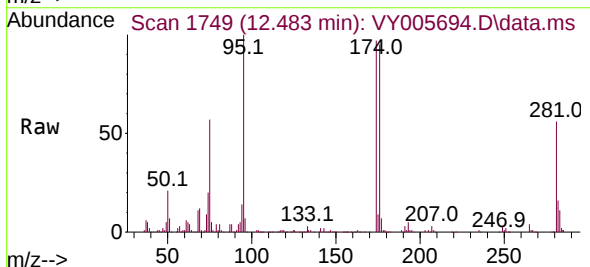
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MSVOA_Y
ClientSampled :
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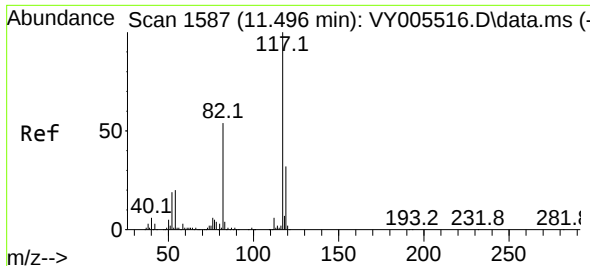
Tgt Ion: 98 Resp: 320735
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 55.825 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Tgt Ion: 95 Resp: 107874
Ion Ratio Lower Upper
95 100
174 96.2 0.0 191.4
176 93.8 0.0 183.6

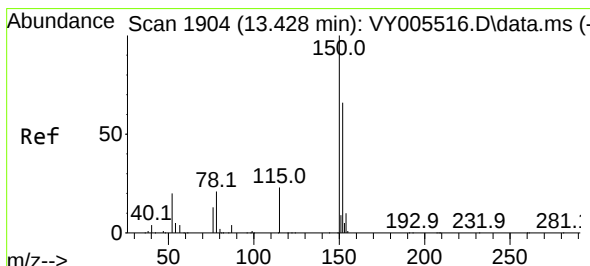
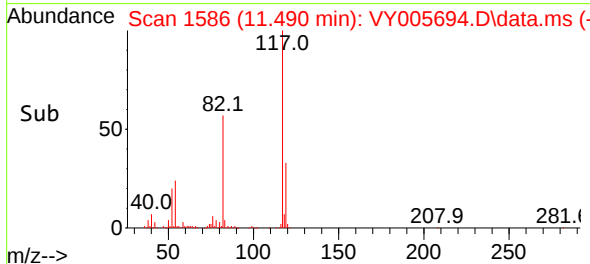
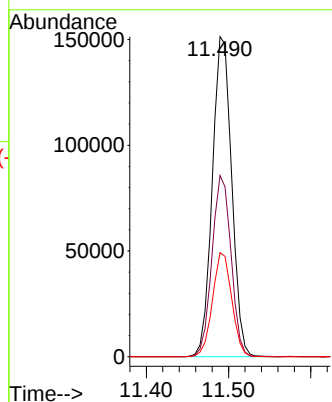
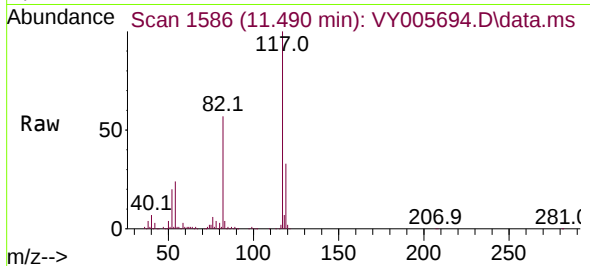




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

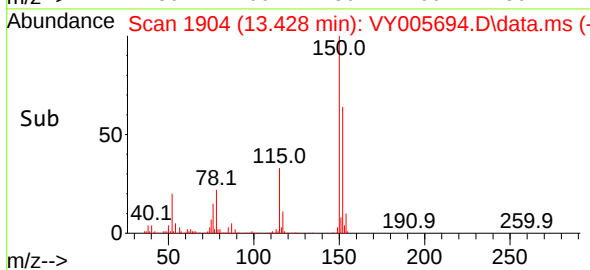
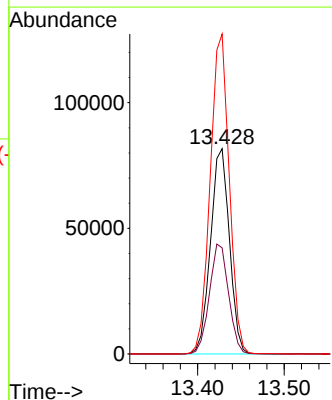
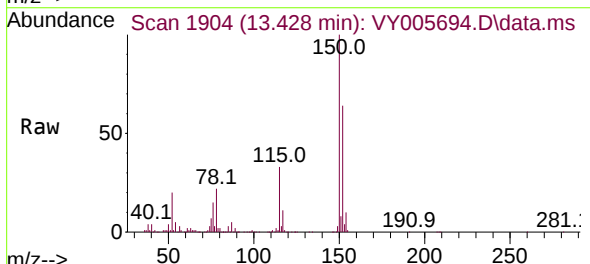
Instrument :
MSVOA_Y
ClientSampled :
20N

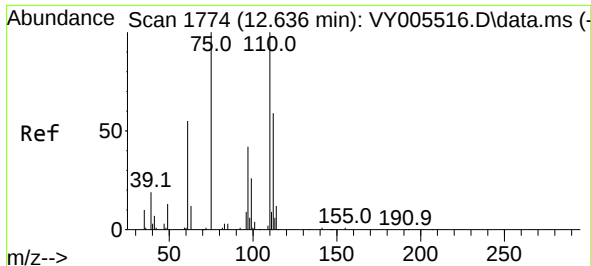
Tgt Ion:117 Resp: 247583
Ion Ratio Lower Upper
117 100
82 56.6 43.5 65.3
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Tgt Ion:152 Resp: 124086
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 156.4 0.0 350.2

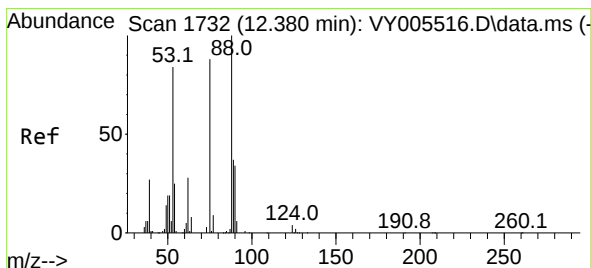
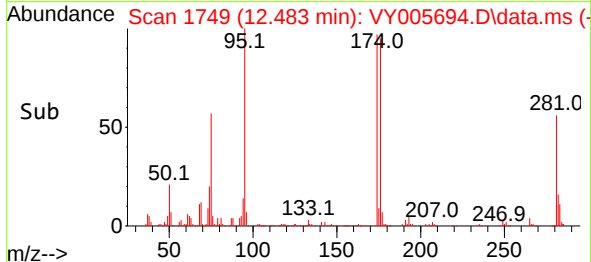
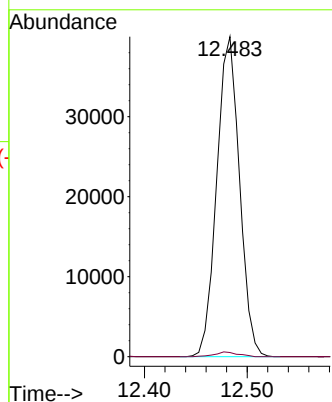
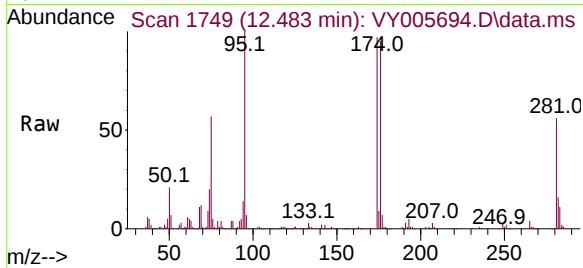




#76
1,2,3-Trichloropropane
Concen: 47.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Instrument :
MSVOA_Y
ClientSampled :
20N

Tgt Ion: 75 Resp: 61444
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005694.D
Acq: 17 Aug 2021 01:58

Tgt Ion: 75 Resp: 61444
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.4 38.4 57.6#

