

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005724.D
 Acq On : 17 Aug 2021 20:35
 Operator : SY/MD
 Sample : M3430-06
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:53:54 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)

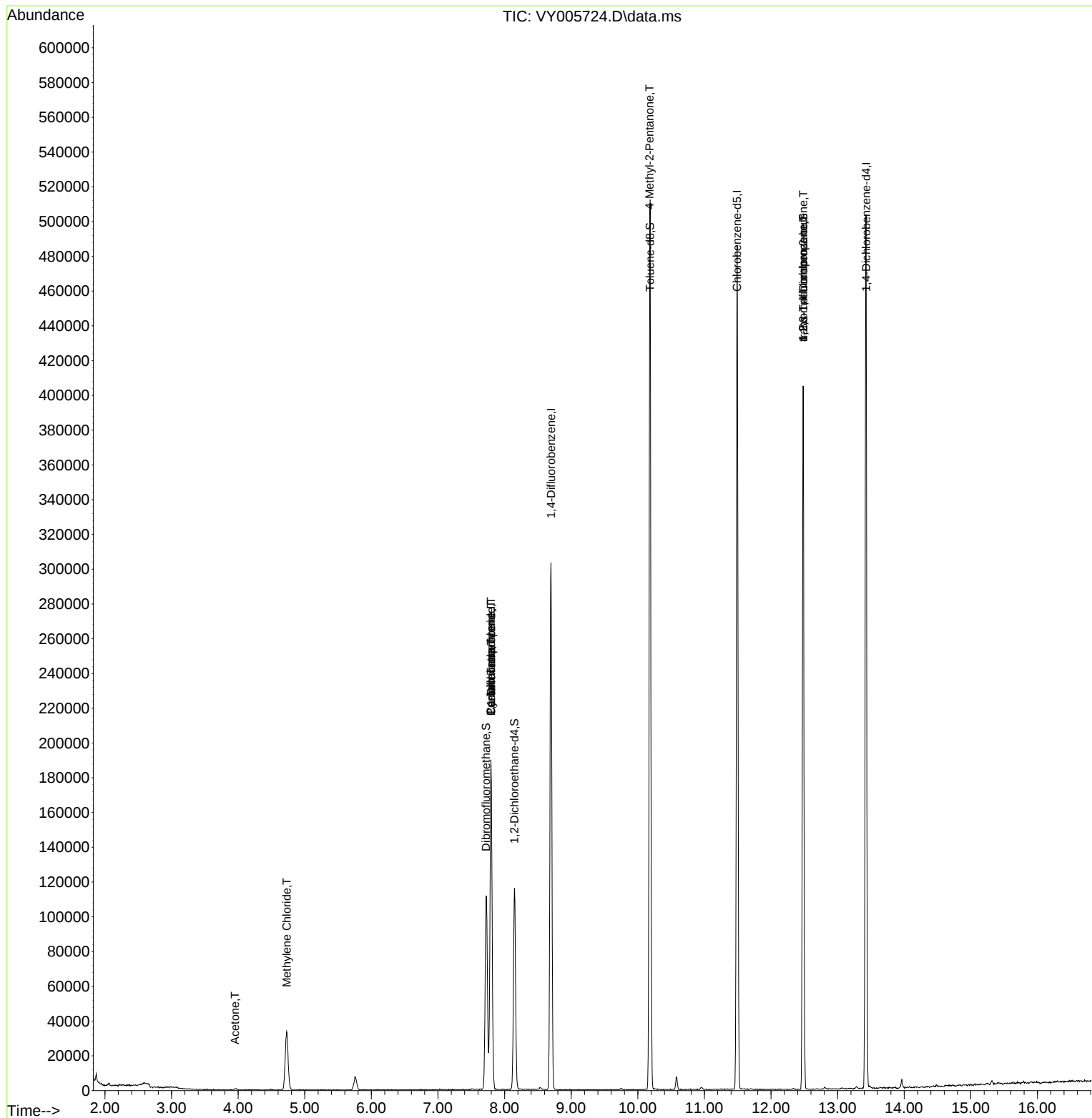
Internal Standards						
1) Pentafluorobenzene	7.795	168	149196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	254076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94518	62.585	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.160%			
35) Dibromofluoromethane	7.722	113	76663	53.893	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.780%			
50) Toluene-d8	10.185	98	327419	54.882	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.760%			
62) 4-Bromofluorobenzene	12.483	95	113442	57.421	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.840%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	1415	3.716	ug/l #	82
20) Methylene Chloride	4.728	84	24440	11.527	ug/l	95
31) Cyclohexane	7.795	56	3098	1.196	ug/l #	28
36) 1,1-Dichloropropene	7.795	75	10828	4.544	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13903	5.368	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1523	1.058	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	62666	45.914	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62666	92.558	ug/l #	11

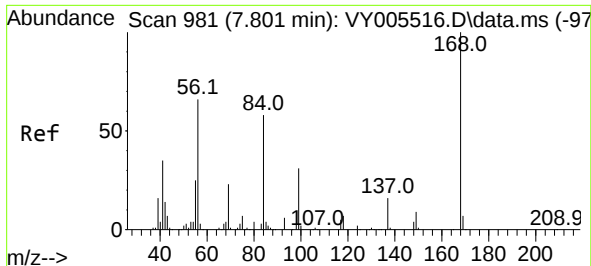
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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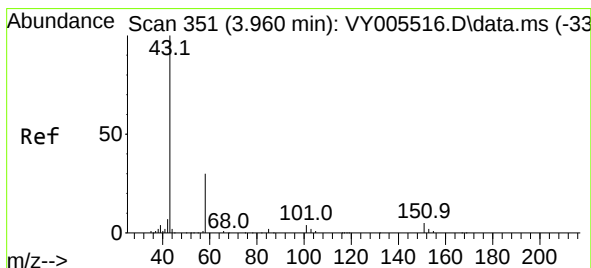
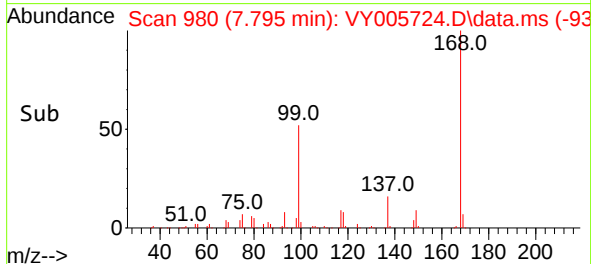
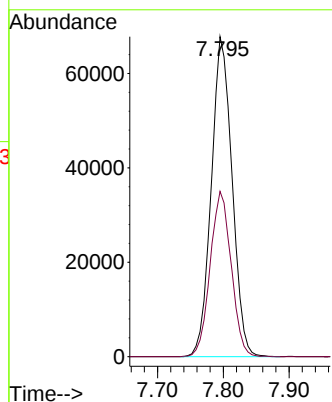
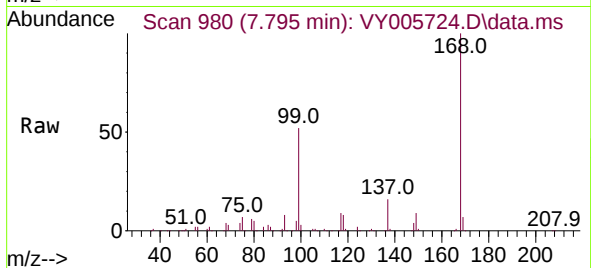




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

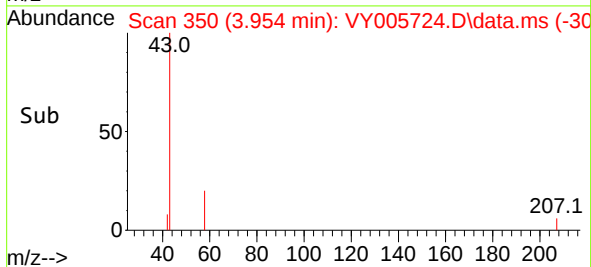
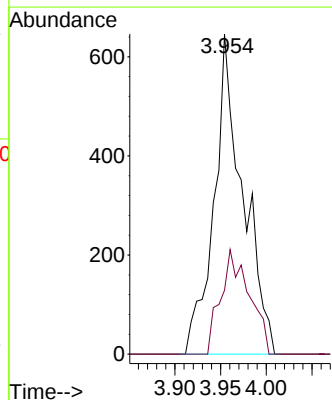
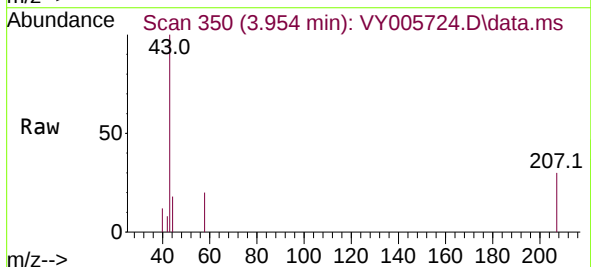
Instrument :
MSVOA_Y
ClientSampleId :

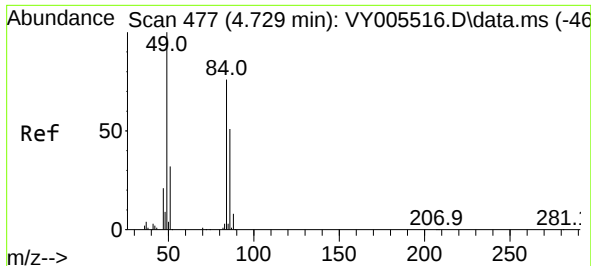
Tgt Ion:168 Resp: 149196
Ion Ratio Lower Upper
168 100
99 51.7 38.9 58.3



#16
Acetone
Concen: 3.716 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 20.0 23.8 35.6#



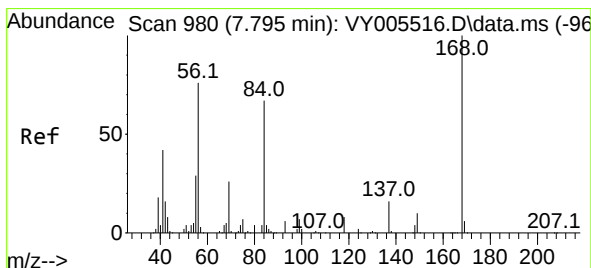
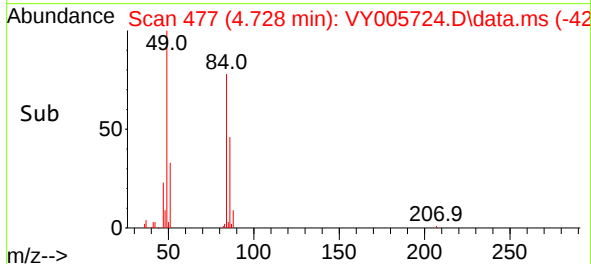
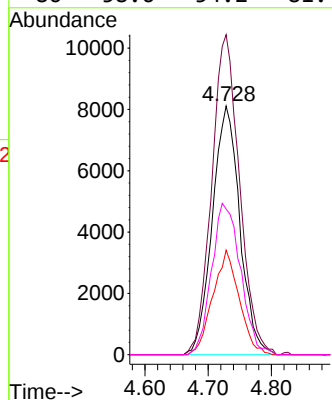
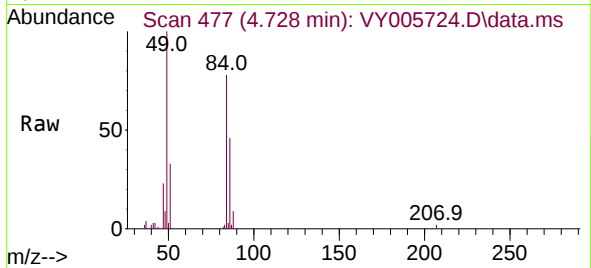


#20
Methylene Chloride
Concen: 11.527 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 24440

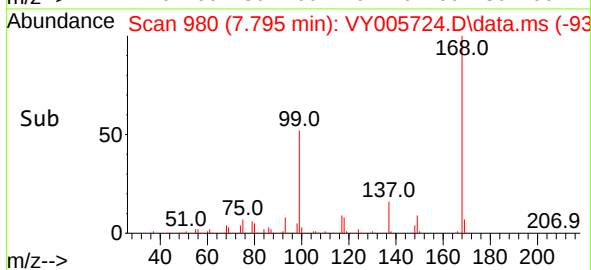
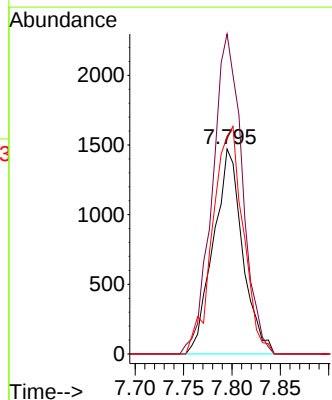
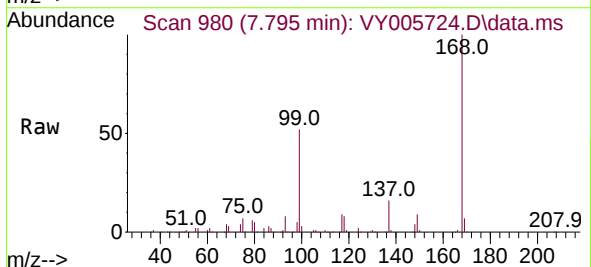
Ion	Ratio	Lower	Upper
84	100		
49	128.7	105.8	158.6
51	42.1	33.4	50.2
86	58.6	54.2	81.4

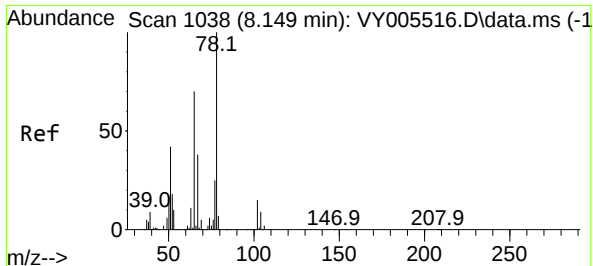


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 56 Resp: 3098

Ion	Ratio	Lower	Upper
56	100		
69	156.2	27.7	41.5#
84	106.0	70.9	106.3

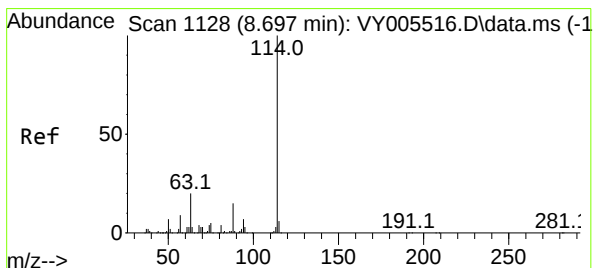
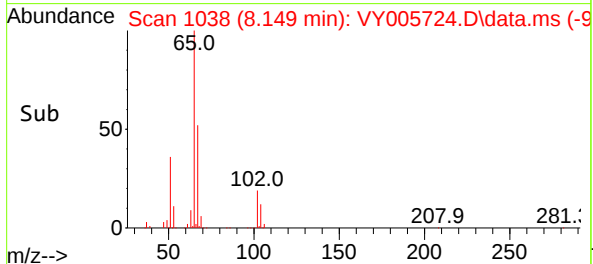
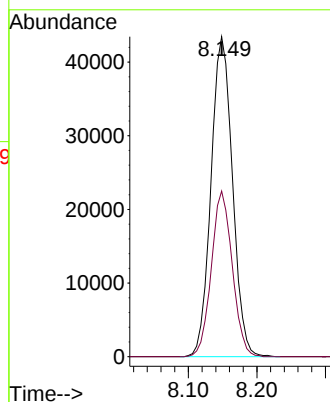
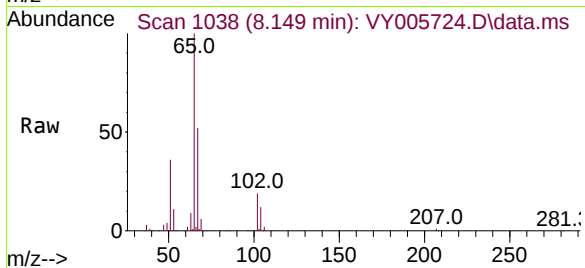




#33
1,2-Dichloroethane-d4
Concen: 62.585 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

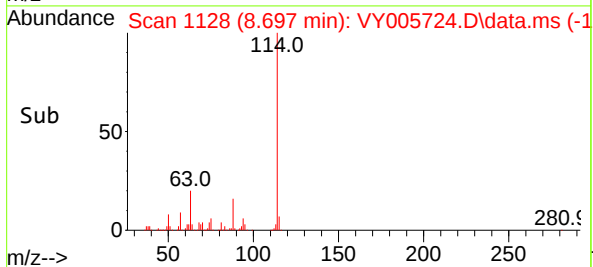
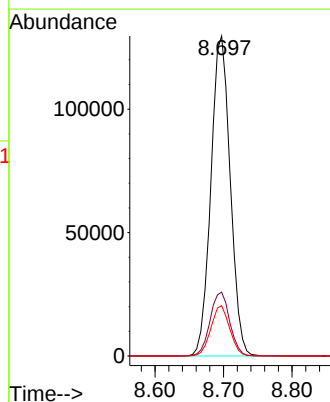
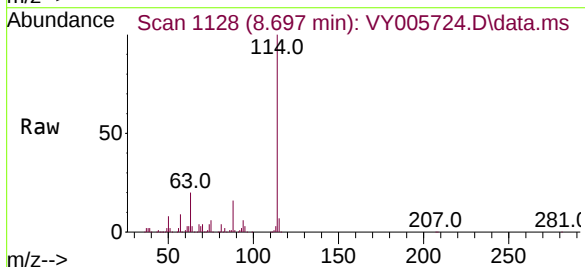
Instrument :
MSVOA_Y
ClientSampleId :

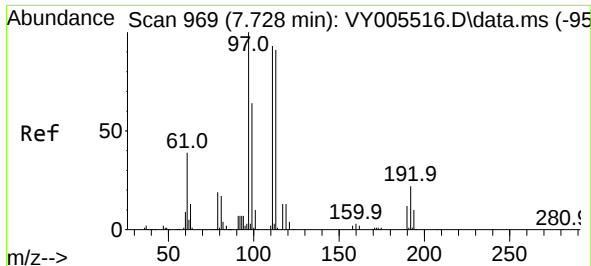
Tgt Ion: 65 Resp: 94518
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion:114 Resp: 254076
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.2
88 15.7 0.0 30.8

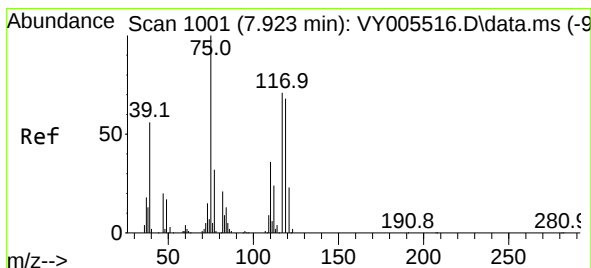
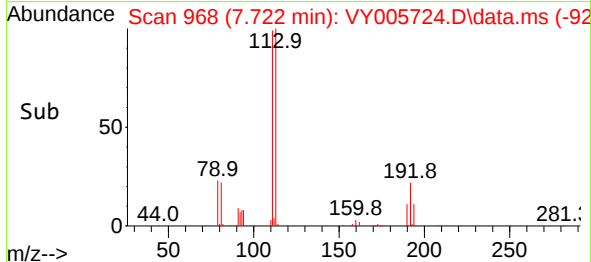
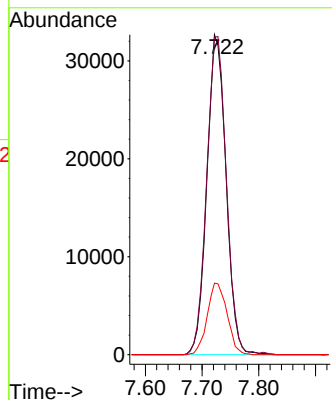
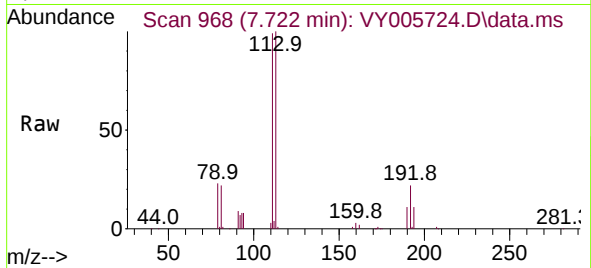




#35
Dibromofluoromethane
Concen: 53.893 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

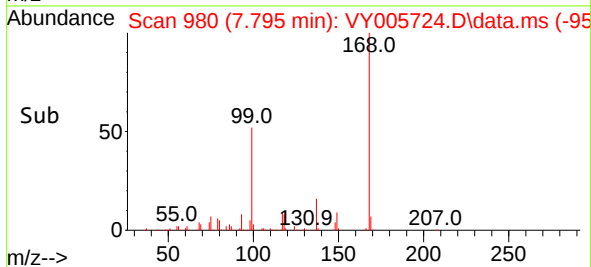
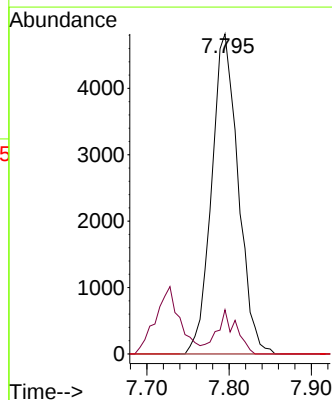
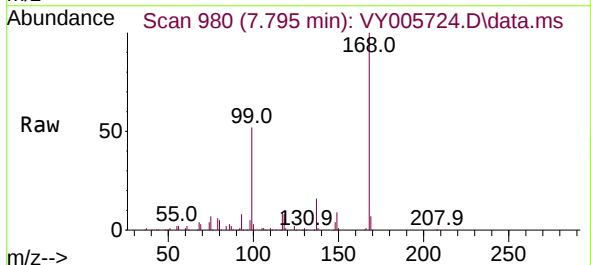
Instrument :
MSVOA_Y
ClientSampleId :

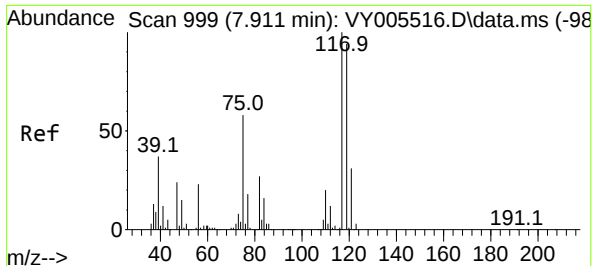
Tgt Ion:113 Resp: 76663
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.1 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 75 Resp: 10828
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.1#
77 0.0 25.1 37.7#

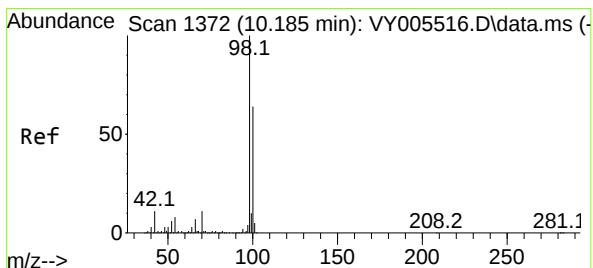
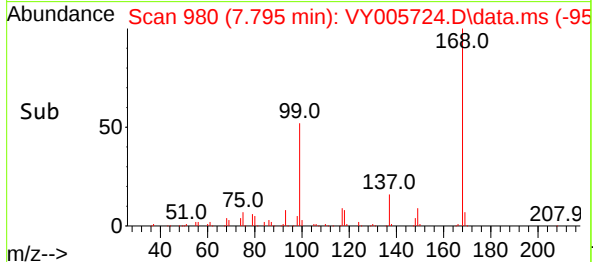
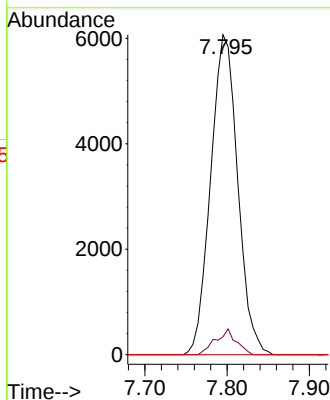
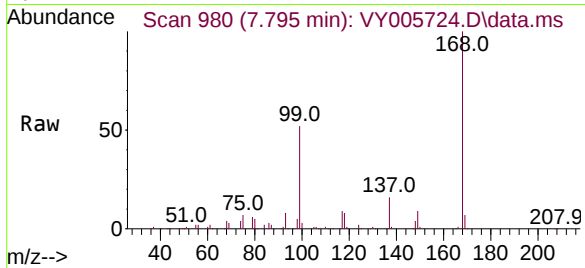




#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

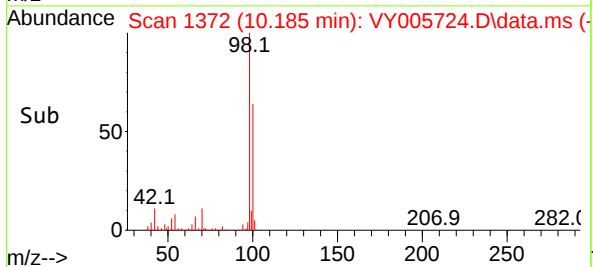
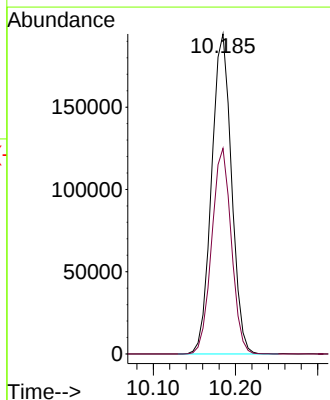
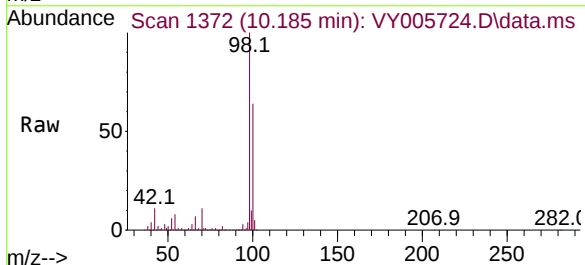
Instrument :
MSVOA_Y
ClientSampleId :

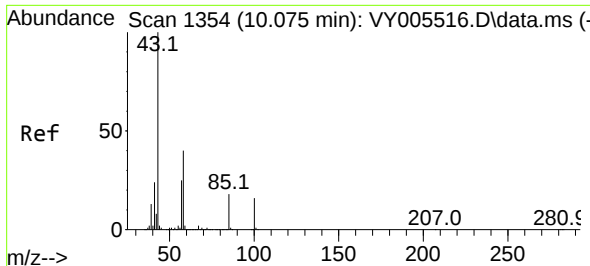
Tgt Ion:117 Resp: 13903
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 54.882 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 98 Resp: 327419
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9

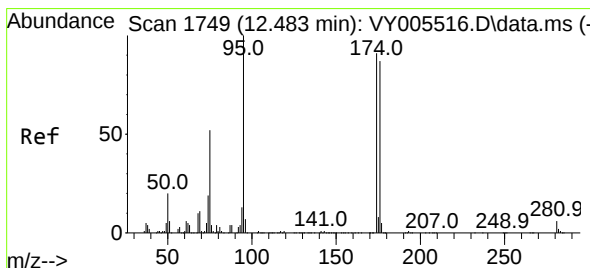
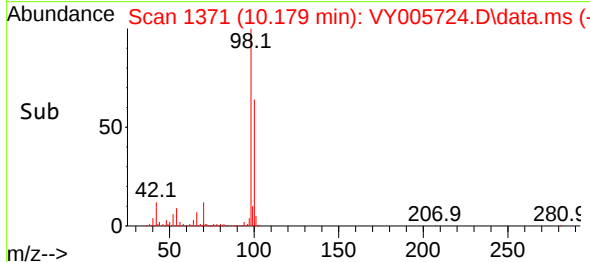
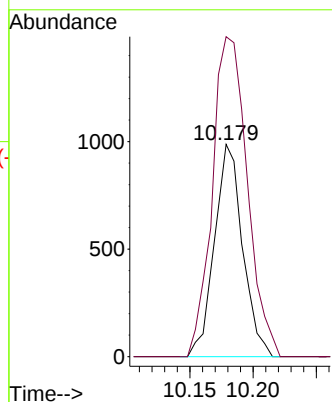
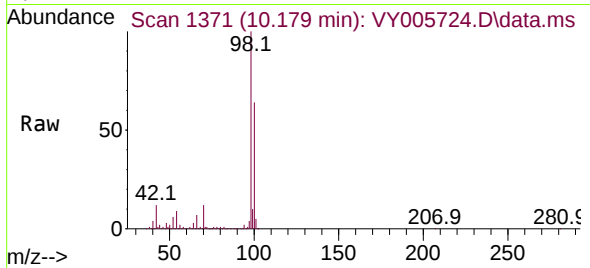




#51
4-Methyl-2-Pentanone
Concen: 1.058 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

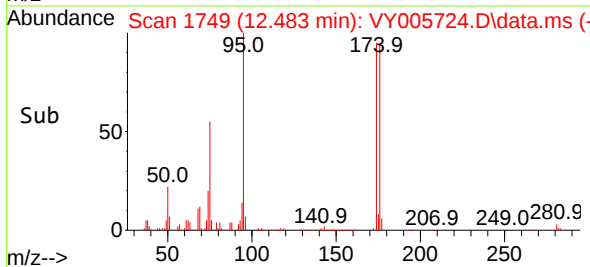
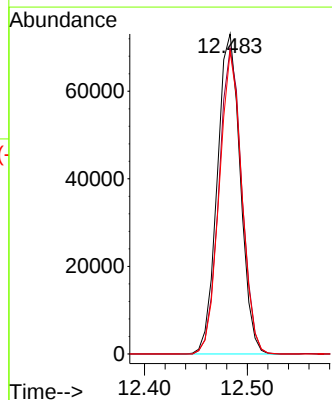
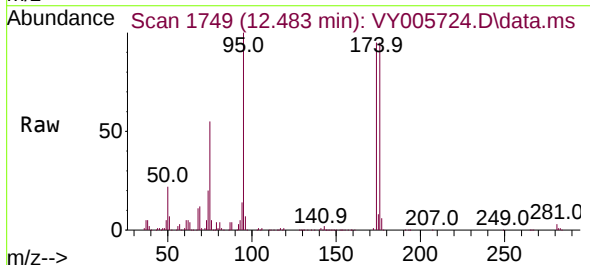
Instrument :
MSVOA_Y
ClientSampled :

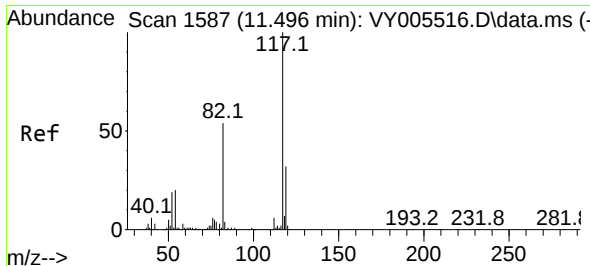
Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
58 187.7 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 57.421 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 95 Resp: 113442
Ion Ratio Lower Upper
95 100
174 94.8 0.0 191.4
176 92.1 0.0 183.6

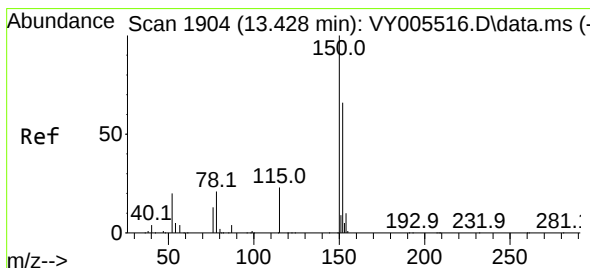
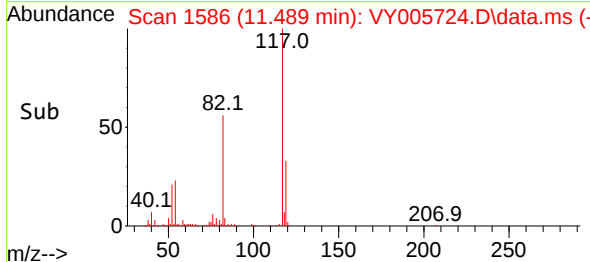
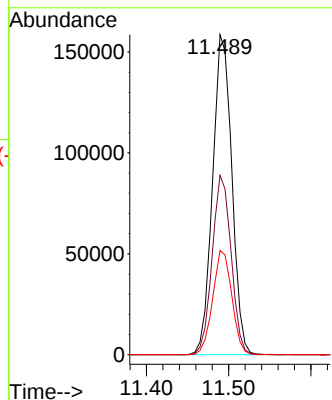
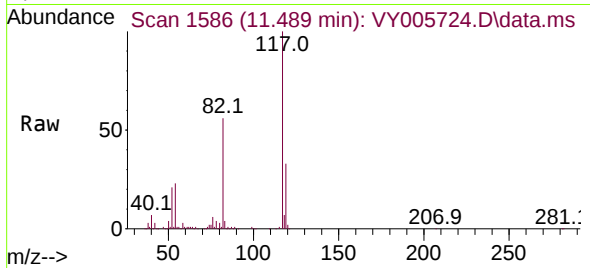




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

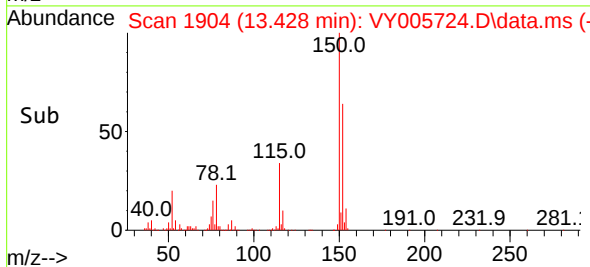
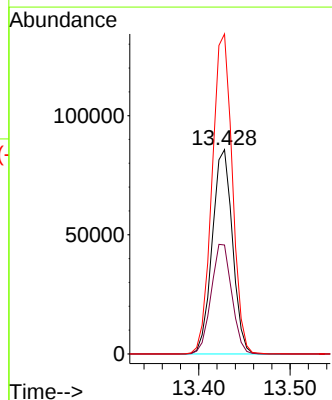
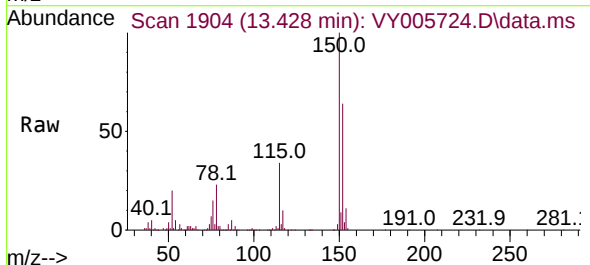
Instrument :
MSVOA_Y
ClientSampleId :

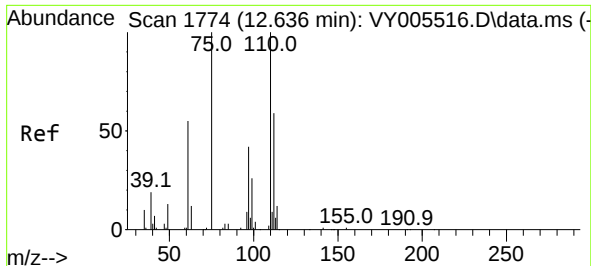
Tgt Ion:117 Resp: 257978
Ion Ratio Lower Upper
117 100
82 56.1 43.5 65.3
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion:152 Resp: 131705
Ion Ratio Lower Upper
152 100
115 54.7 27.3 81.9
150 156.5 0.0 350.2

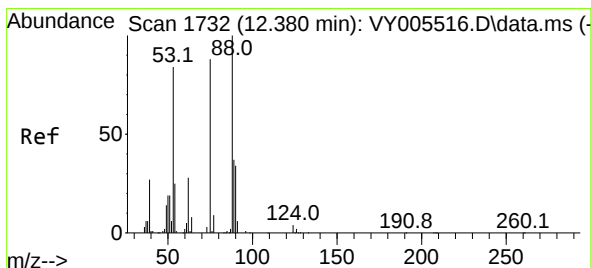
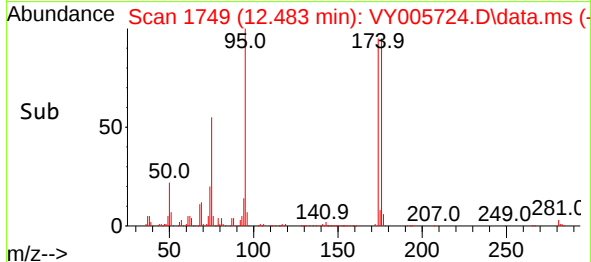
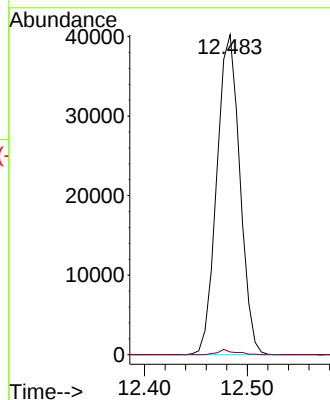
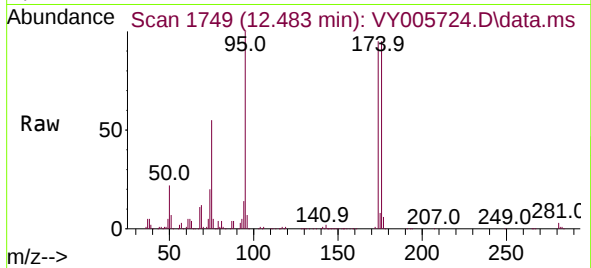




#76
1,2,3-Trichloropropane
Concen: 45.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 62666
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.558 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005724.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 75 Resp: 62666
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.1 38.4 57.6#

