

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005598.D
 Acq On : 10 Aug 2021 16:12
 Operator : SY/MD
 Sample : M3333-01
 Misc : 4.35G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:37:57 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)

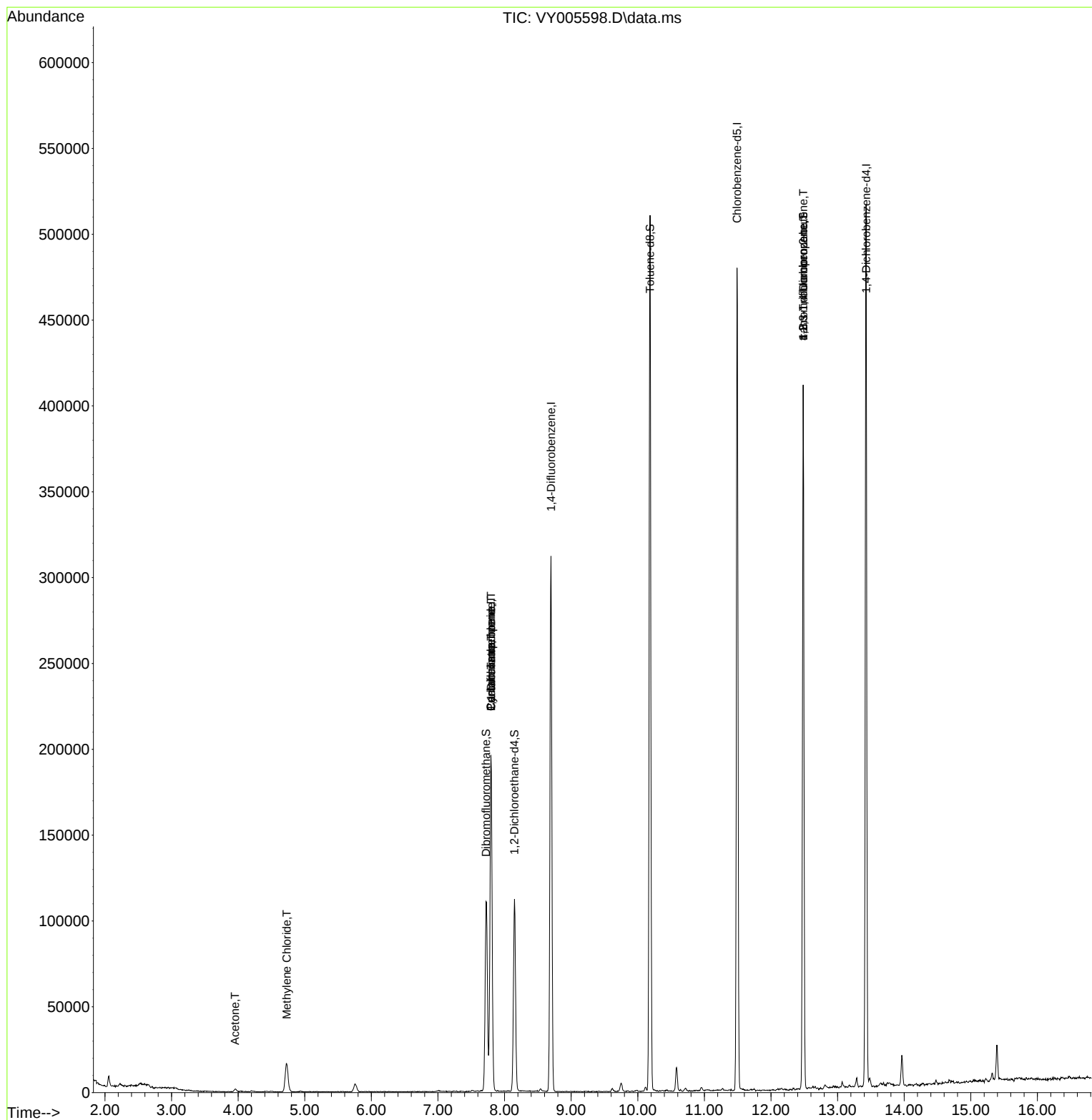
Internal Standards						
1) Pentafluorobenzene	7.795	168	158948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	261404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90747	56.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.80%	
35) Dibromofluoromethane	7.722	113	76904	52.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.10%	
50) Toluene-d8	10.185	98	330518	53.85	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.70%	
62) 4-Bromofluorobenzene	12.483	95	114256	56.21	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.42%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	2889	7.12	ug/l	97
20) Methylene Chloride	4.729	84	12377	1.86	ug/l	98
31) Cyclohexane	7.795	56	3070	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11414	4.66	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14295	5.36	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	62501	46.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62501	94.13	ug/l #	11

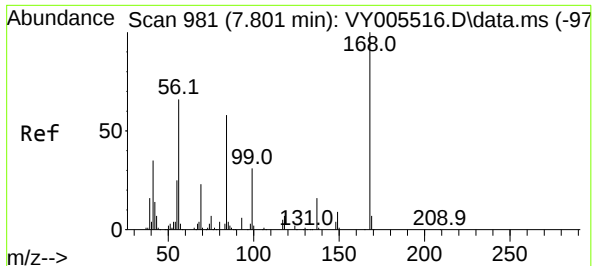
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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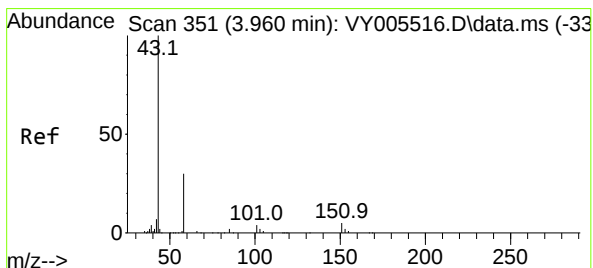
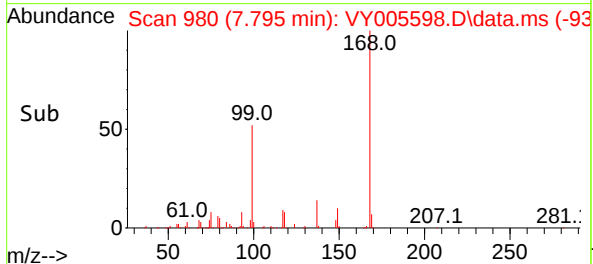
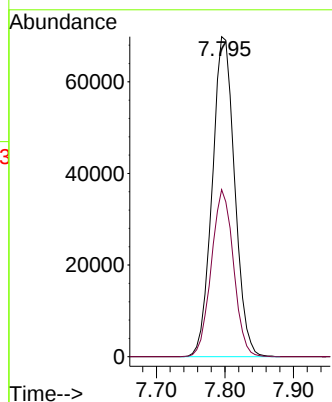
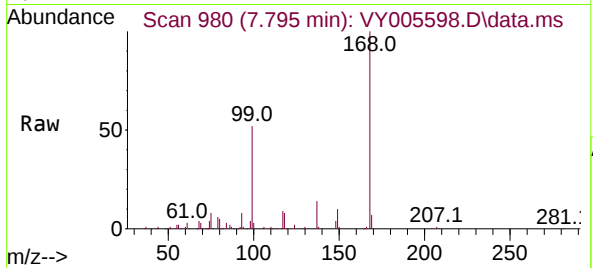




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

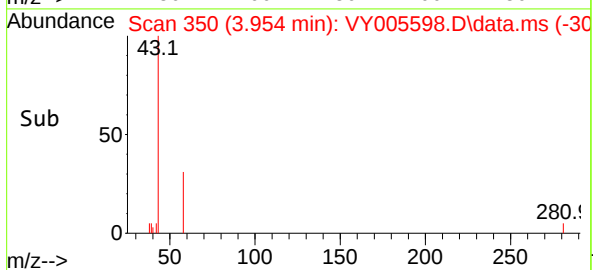
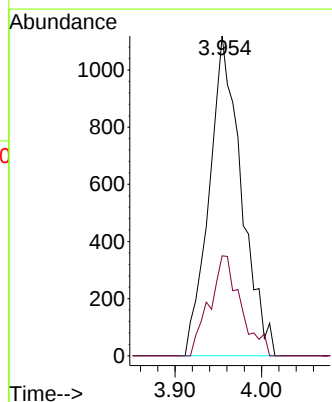
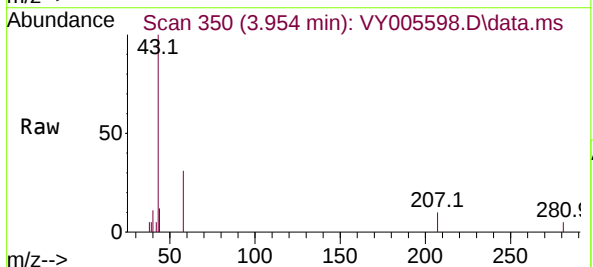
Instrument :
MSVOA_Y
ClientSampled :

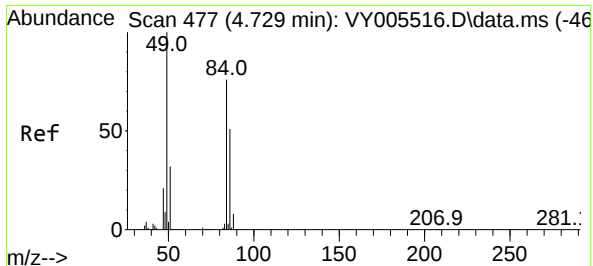
Tgt Ion:168 Resp: 158948
Ion Ratio Lower Upper
168 100
99 52.2 38.9 58.3



#16
Acetone
Concen: 7.12 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion: 43 Resp: 2889
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.6



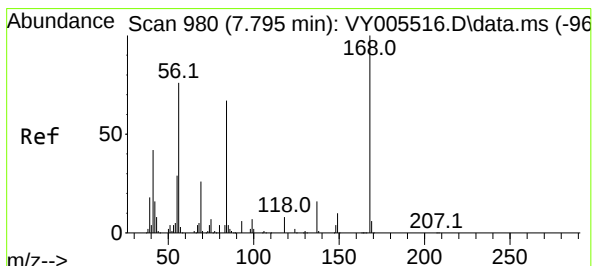
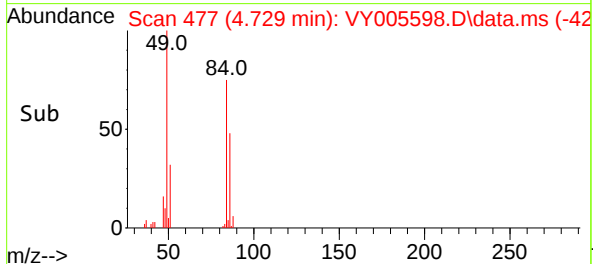
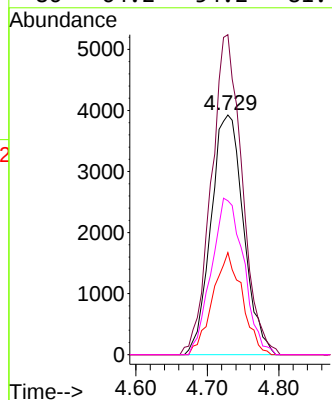
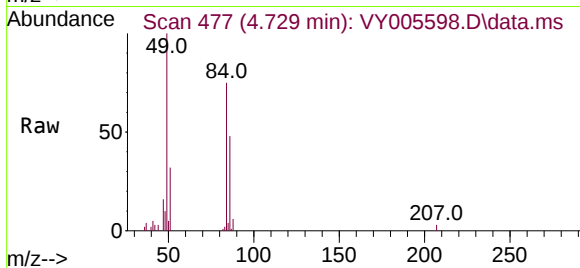


#20
Methylene Chloride
Concen: 1.86 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 12377

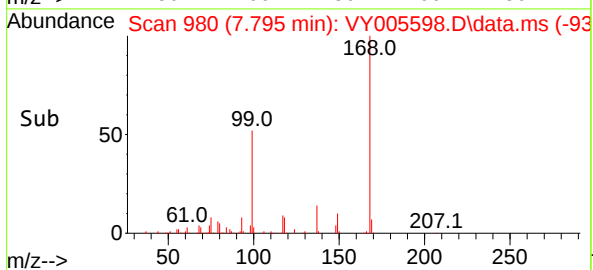
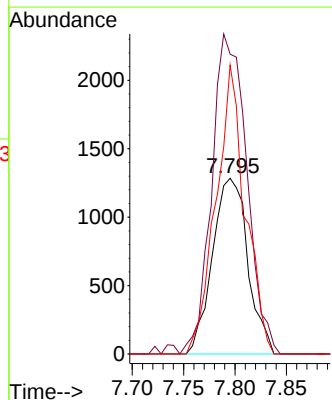
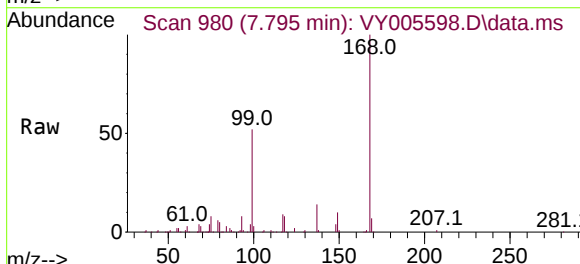
Ion	Ratio	Lower	Upper
84	100		
49	133.5	105.8	158.6
51	42.6	33.4	50.2
86	64.2	54.2	81.4

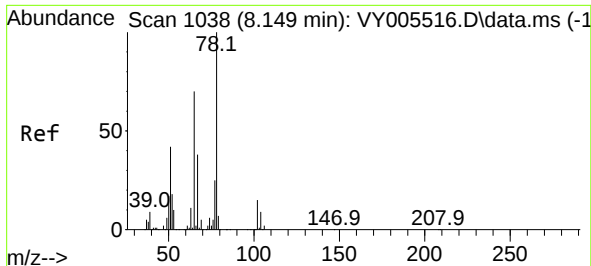


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion: 56 Resp: 3070

Ion	Ratio	Lower	Upper
56	100		
69	170.7	27.7	41.5#
84	164.4	70.9	106.3#

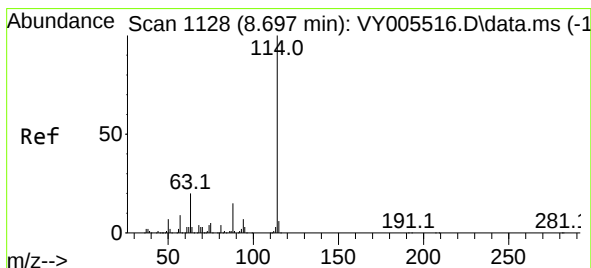
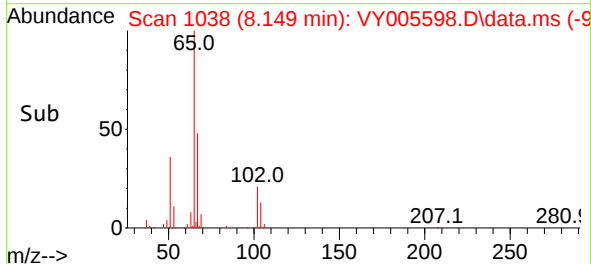
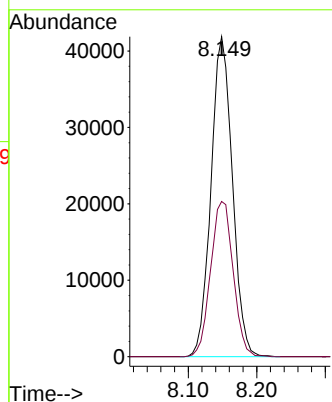
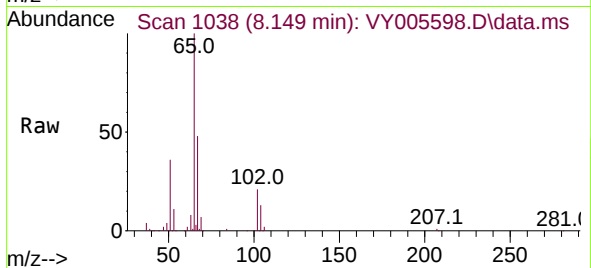




#33
1,2-Dichloroethane-d4
Concen: 56.40 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

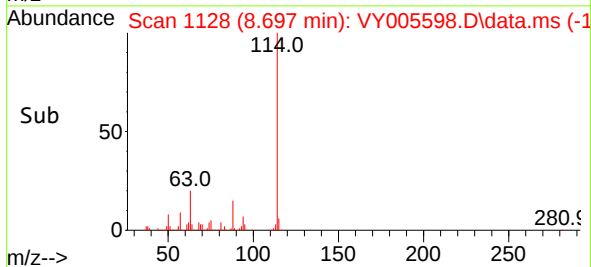
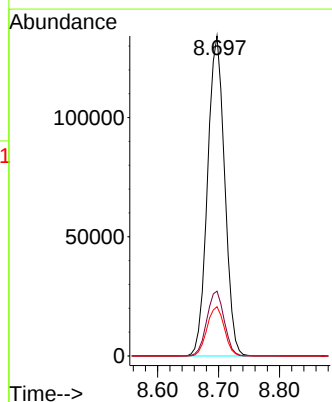
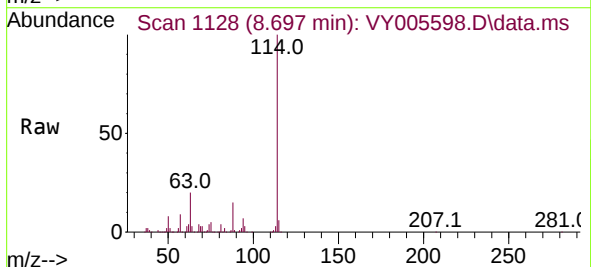
Instrument :
MSVOA_Y
ClientSampleId :

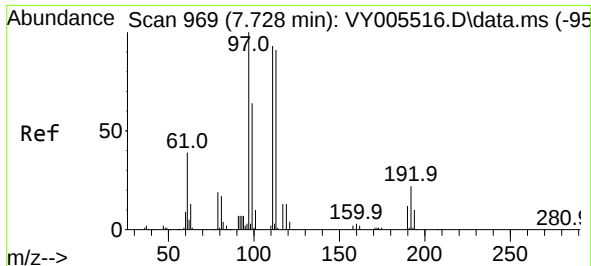
Tgt Ion: 65 Resp: 90747
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion:114 Resp: 261404
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.55 ug/l

RT: 7.722 min Scan# 968

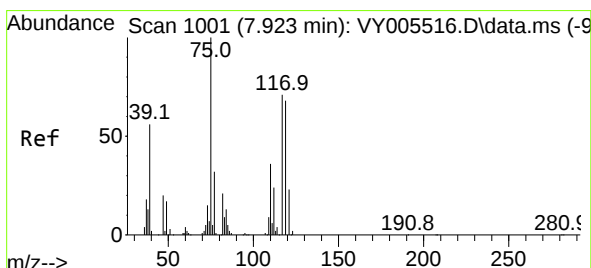
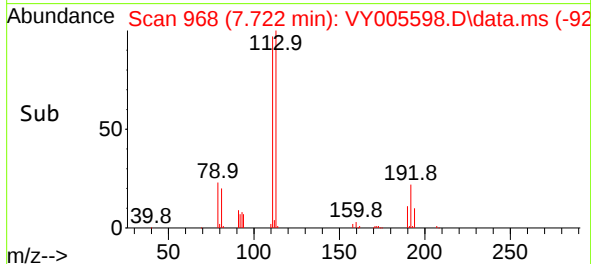
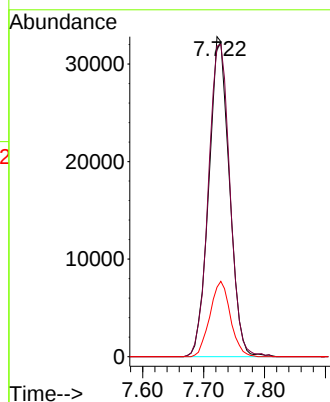
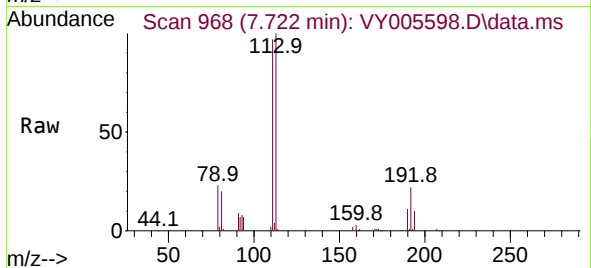
Delta R.T. -0.006 min

Lab File: VY005598.D

Acq: 10 Aug 2021 16:12

Tgt Ion:	113	Resp:	76904
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	23.5	19.2	28.8

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

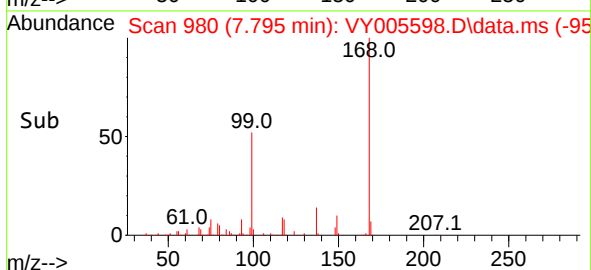
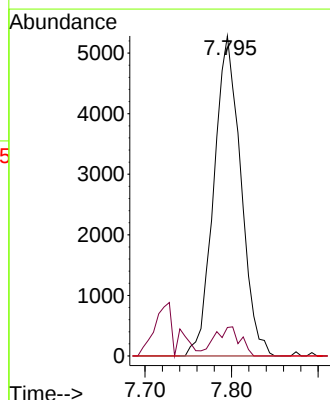
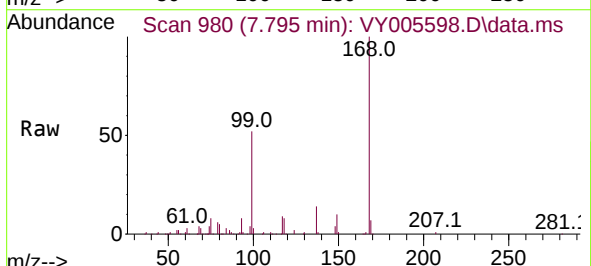
RT: 7.795 min Scan# 980

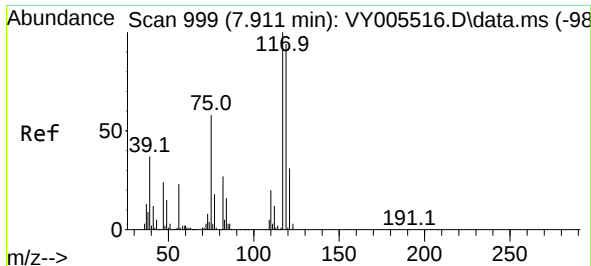
Delta R.T. -0.128 min

Lab File: VY005598.D

Acq: 10 Aug 2021 16:12

Tgt Ion:	75	Resp:	11414
Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.0	25.1	37.7#

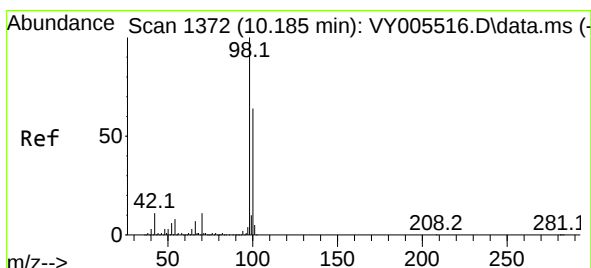
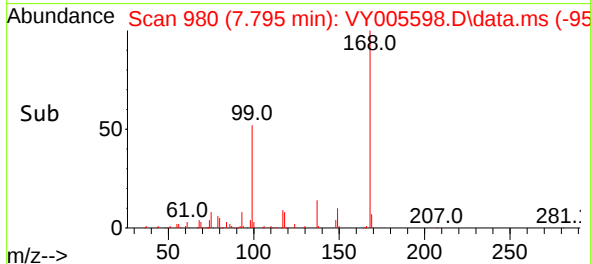
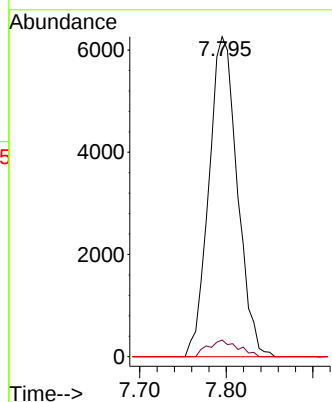
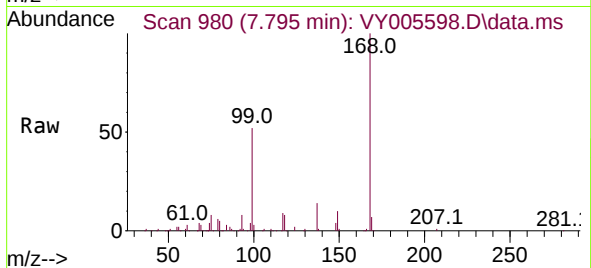




#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

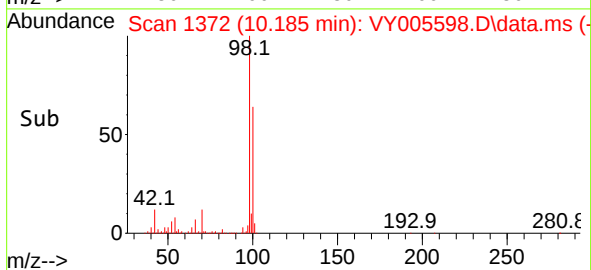
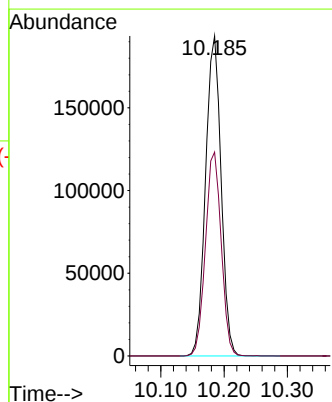
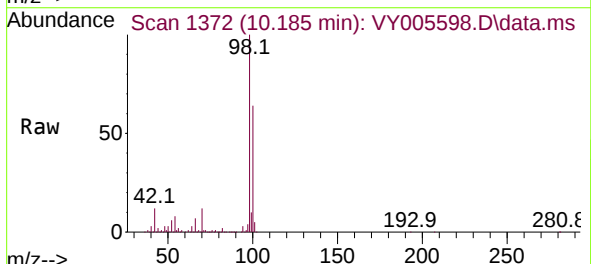
Instrument :
MSVOA_Y
ClientSampled :

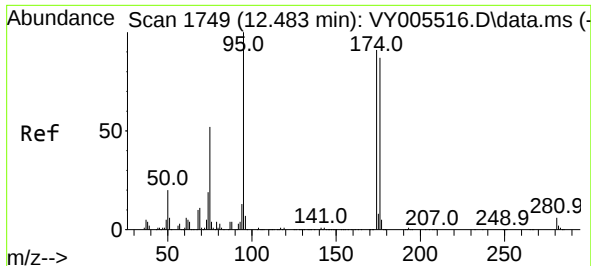
Tgt Ion:117 Resp: 14295
Ion Ratio Lower Upper
117 100
119 5.2 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.85 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion: 98 Resp: 330518
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9

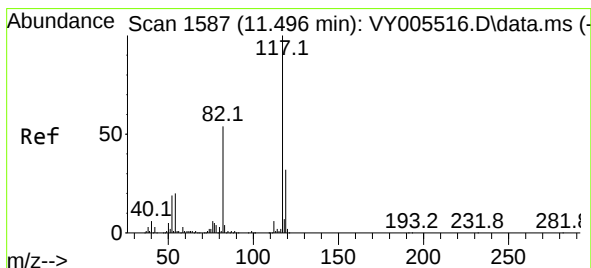
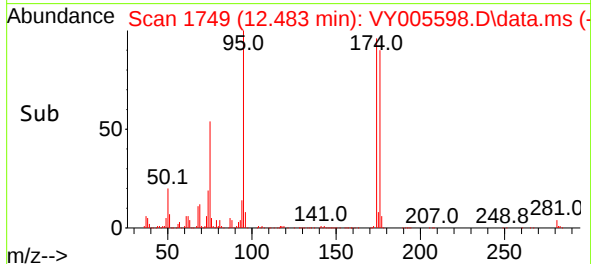
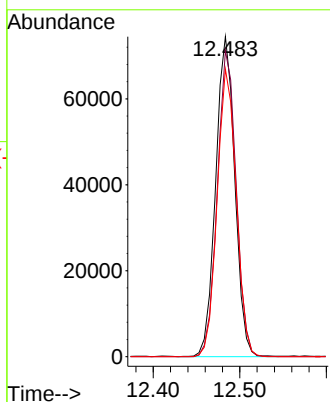
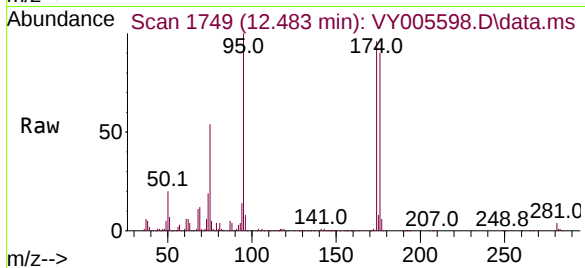




#62
4-Bromofluorobenzene
Concen: 56.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

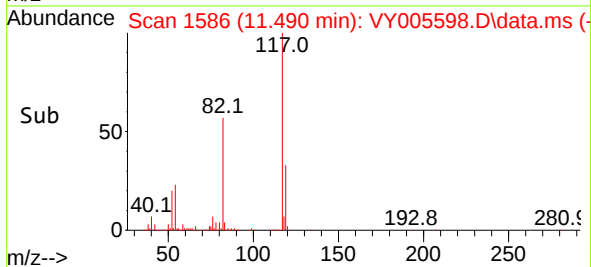
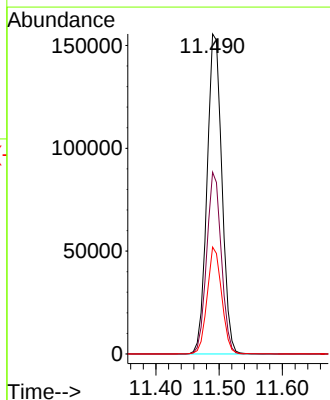
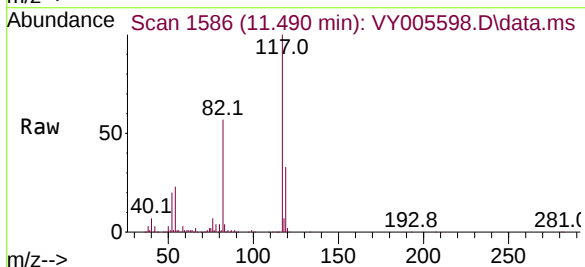
Instrument :
MSVOA_Y
ClientSampled :

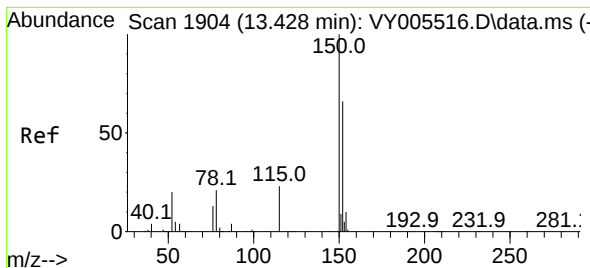
Tgt Ion:	95	Resp:	114256
Ion Ratio	Lower	Upper	
95	100		
174	94.3	0.0	191.4
176	89.5	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005598.D
Acq: 10 Aug 2021 16:12

Tgt Ion:	117	Resp:	254076
Ion Ratio	Lower	Upper	
117	100		
82	56.8	43.5	65.3
119	33.4	25.5	38.3

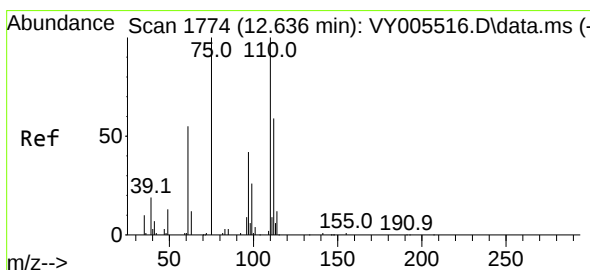
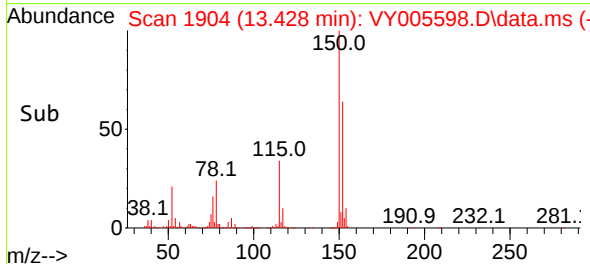
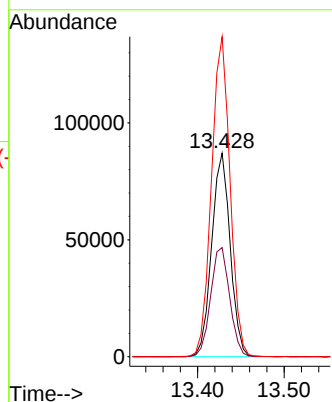
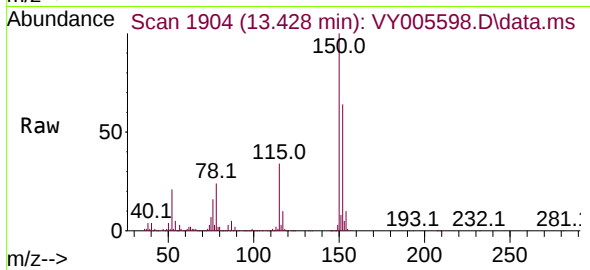




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005598.D
 Acq: 10 Aug 2021 16:12

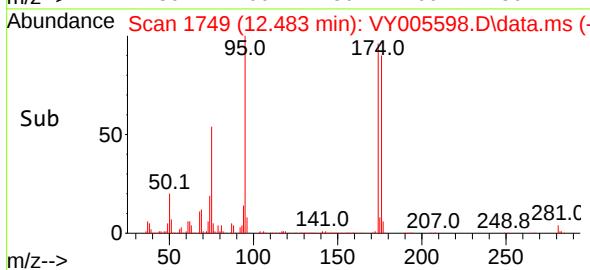
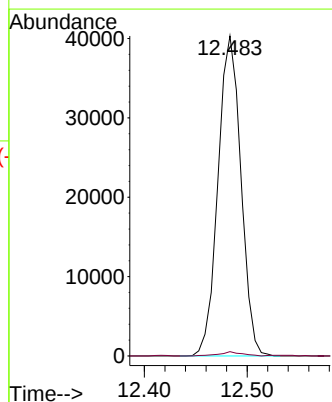
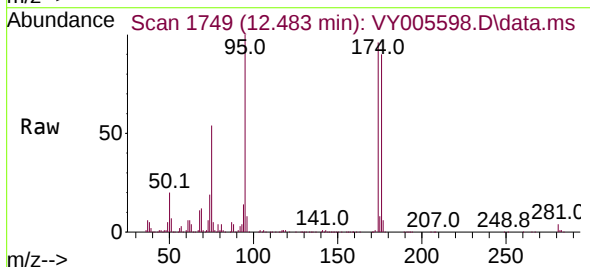
Instrument :
 MSVOA_Y
 ClientSampled :

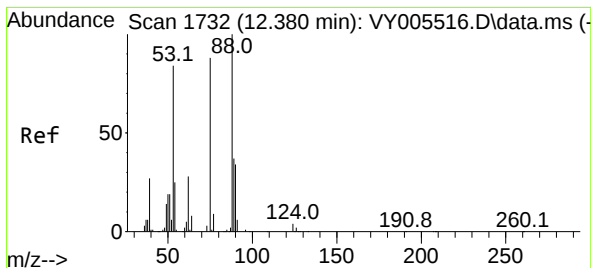
Tgt Ion:152 Resp: 129169
 Ion Ratio Lower Upper
 152 100
 115 55.3 27.3 81.9
 150 157.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.69 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005598.D
 Acq: 10 Aug 2021 16:12

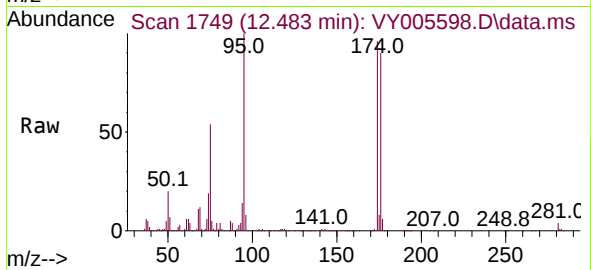
Tgt Ion: 75 Resp: 62501
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.13 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005598.D
 Acq: 10 Aug 2021 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.1	38.4	57.6#

