

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005699.D
 Acq On : 17 Aug 2021 03:54
 Operator : SY/MD
 Sample : M3425-13
 Misc : 10.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22S

Quant Time: Aug 17 05:24:37 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)

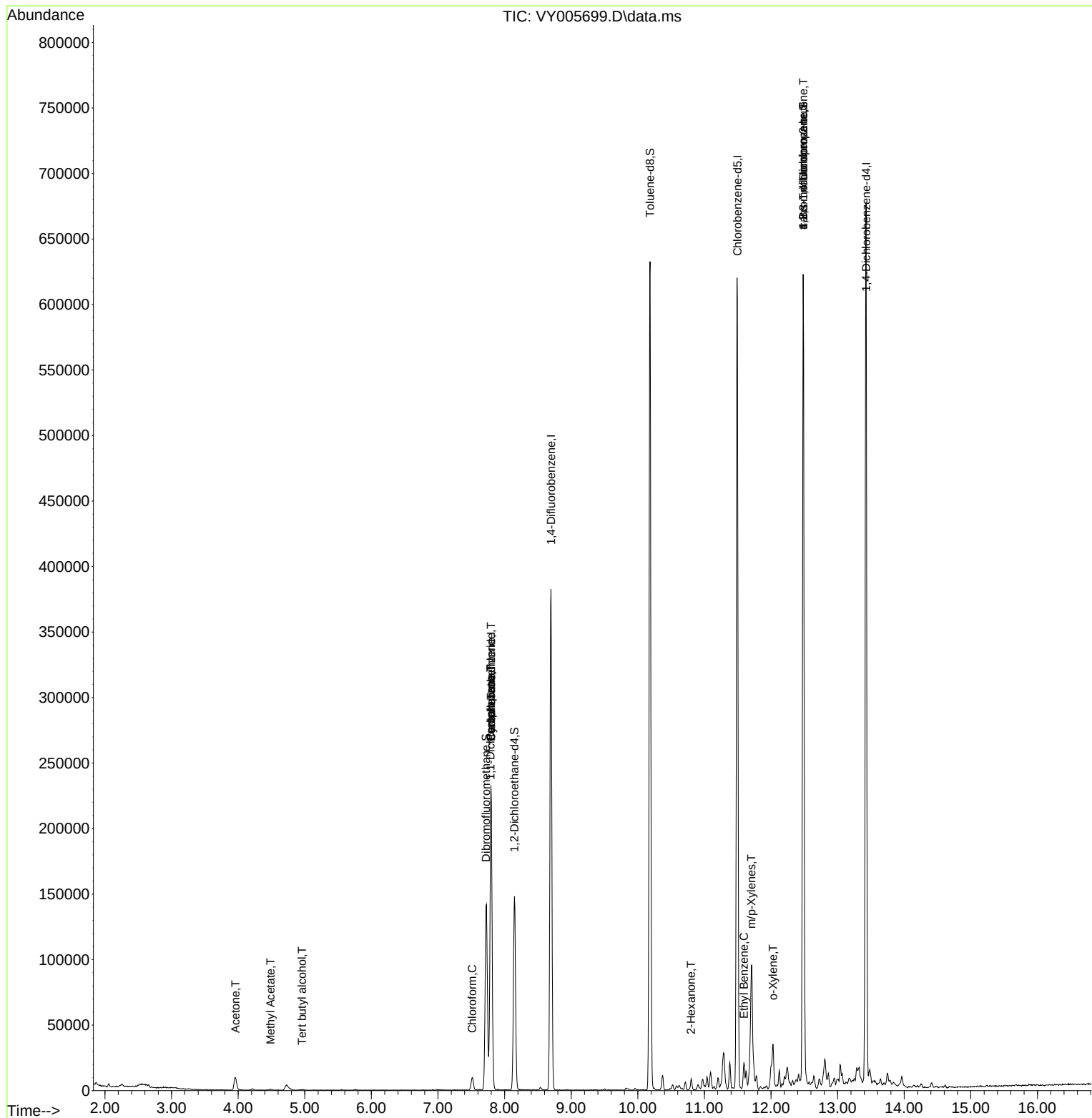
Internal Standards						
1) Pentafluorobenzene	7.795	168	184653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	316266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	175735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121792	65.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.320%	
35) Dibromofluoromethane	7.722	113	96833	54.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.185	98	409989	55.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.420%	
62) 4-Bromofluorobenzene	12.483	95	150024	61.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	820	4.438	ug/l #	73
16) Acetone	3.960	43	17558	37.258	ug/l	98
18) Methyl Acetate	4.485	43	1355	1.099	ug/l #	77
20) Methylene Chloride	4.729	84	2650	Below Cal		95
30) Chloroform	7.515	83	9135	2.809	ug/l	99
31) Cyclohexane	7.795	56	3777	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12984	4.377	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16875	5.234	ug/l #	17
59) 2-Hexanone	10.801	43	3211	2.536	ug/l #	26
67) Ethyl Benzene	11.593	91	12749	1.046	ug/l	98
68) m/p-Xylenes	11.703	106	16717	3.533	ug/l	95
69) o-Xylene	12.032	106	7227	1.589	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	85252	46.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85252	94.369	ug/l #	11

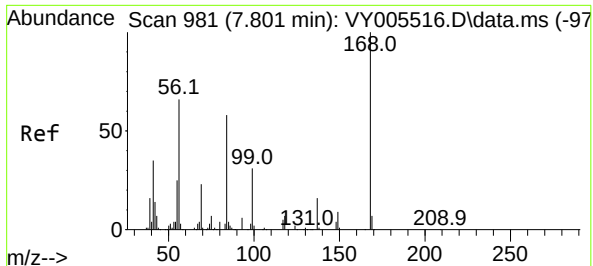
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
Data File : VY005699.D
Acq On : 17 Aug 2021 03:54
Operator : SY/MD
Sample : M3425-13
Misc : 10.36G/5ML/MSVOA_Y/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
22S

Quant Time: Aug 17 05:24:37 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

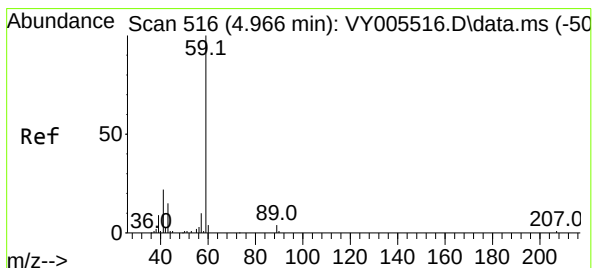
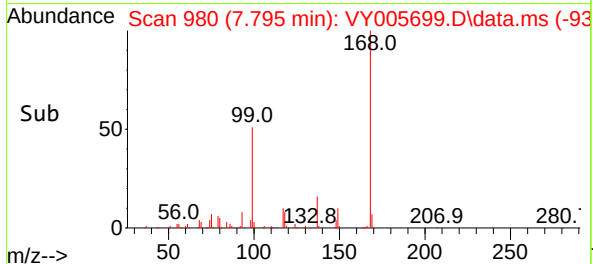
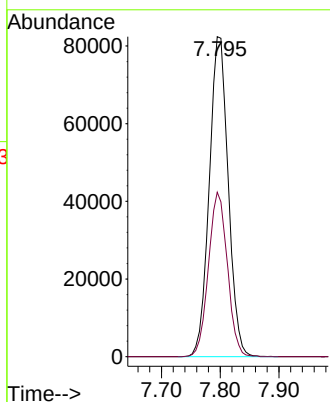
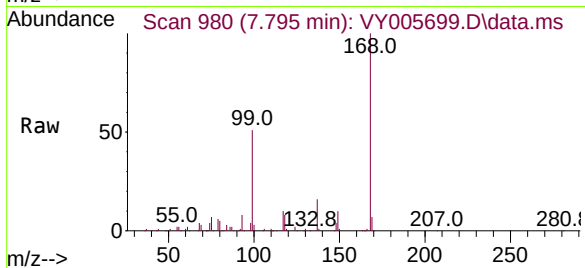




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

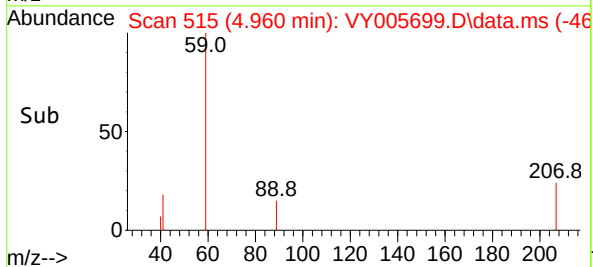
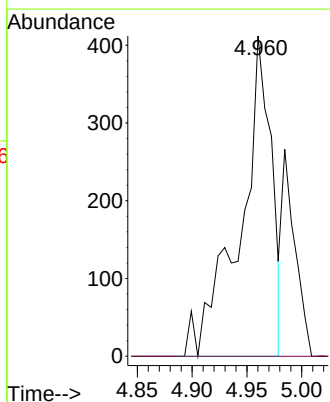
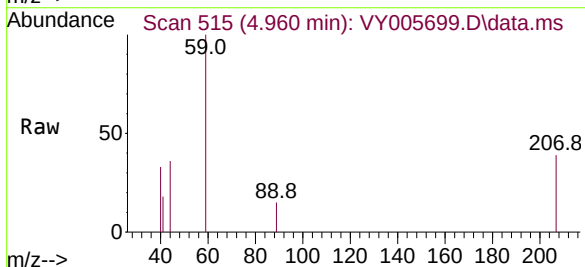
Instrument :
MSVOA_Y
ClientSampleId :
22S

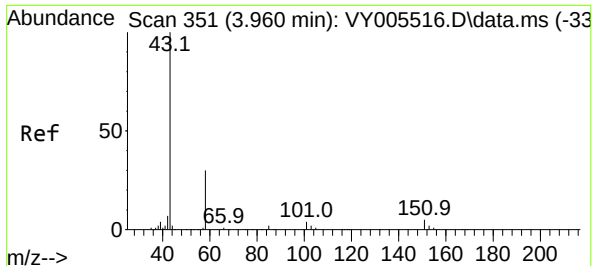
Tgt Ion:168 Resp: 184653
Ion Ratio Lower Upper
168 100
99 51.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 4.438 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion: 59 Resp: 820
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

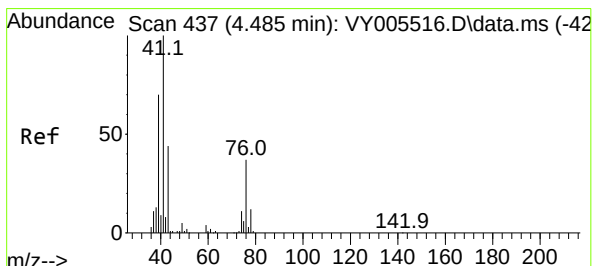
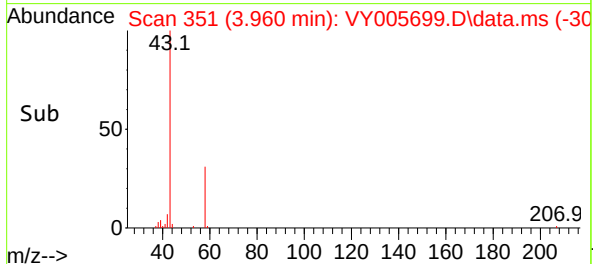
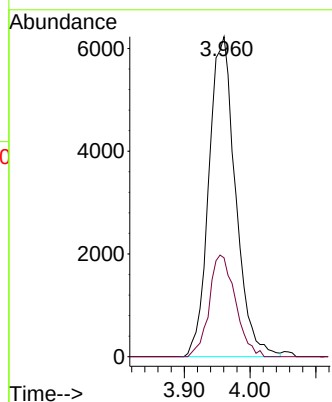
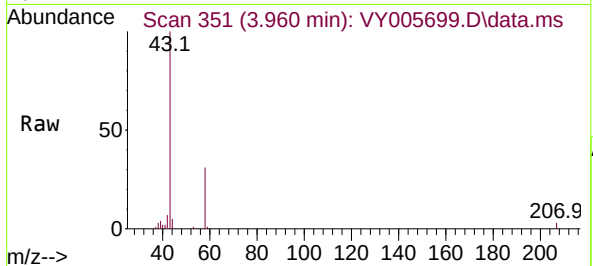




#16
Acetone
Concen: 37.258 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

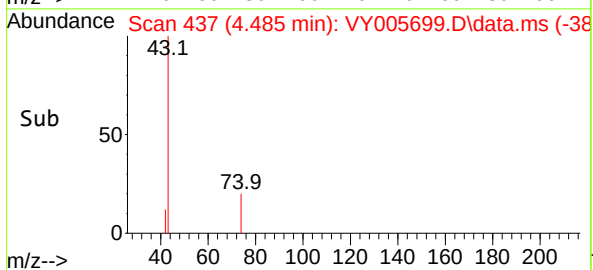
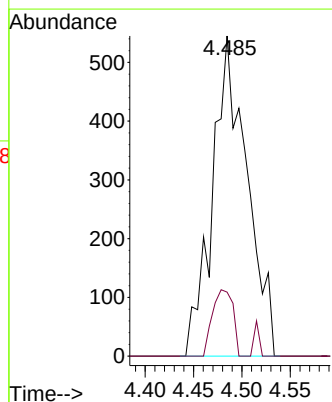
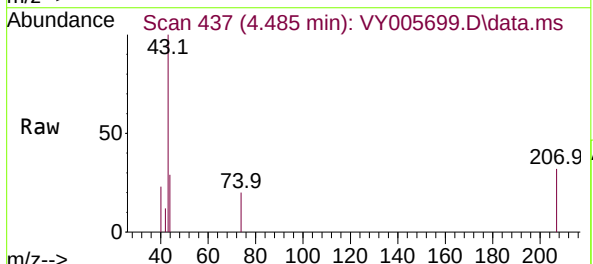
Instrument :
MSVOA_Y
ClientSampleId :
22S

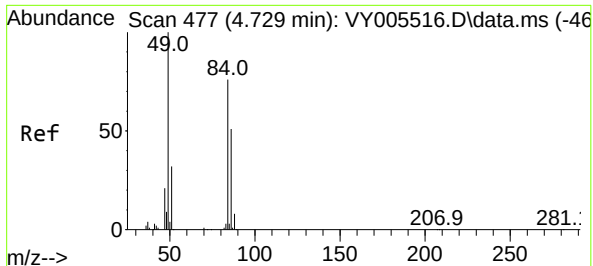
Tgt Ion: 43 Resp: 17558
Ion Ratio Lower Upper
43 100
58 30.9 23.8 35.6



#18
Methyl Acetate
Concen: 1.099 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
74 12.3 19.0 28.6#

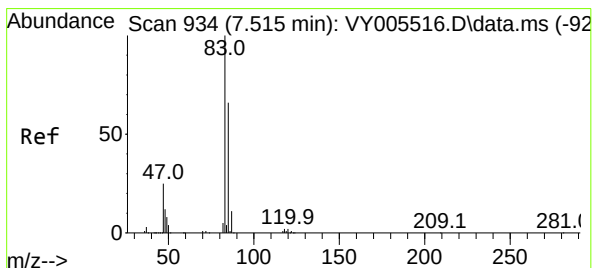
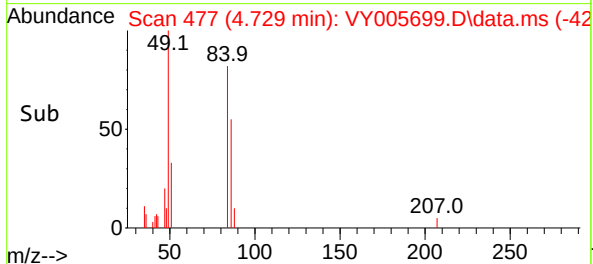
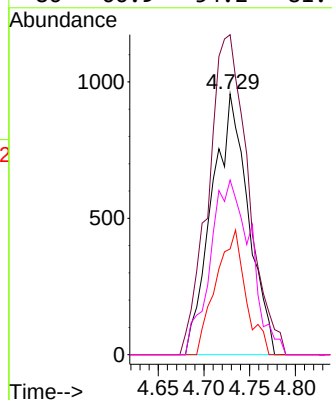
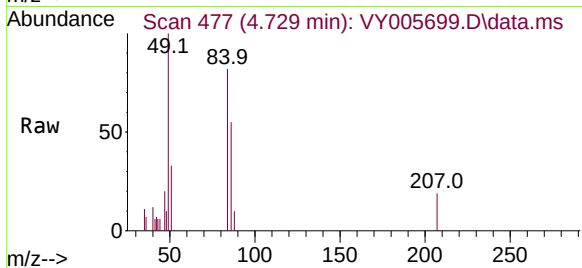




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

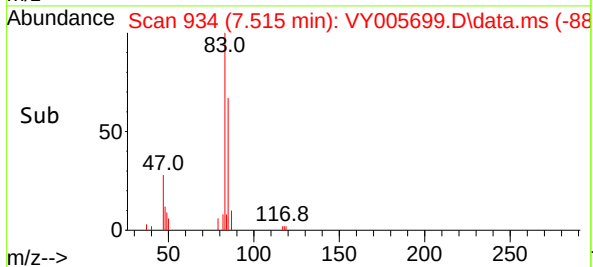
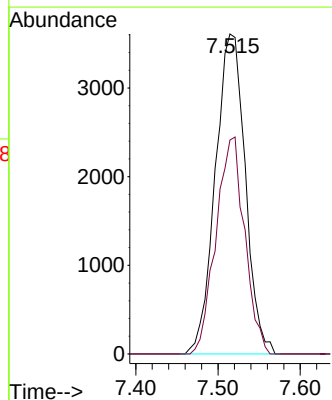
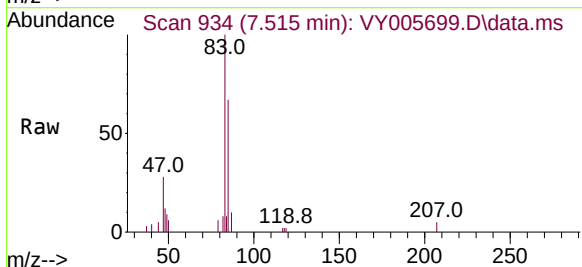
Instrument :
MSVOA_Y
ClientSampled :
22S

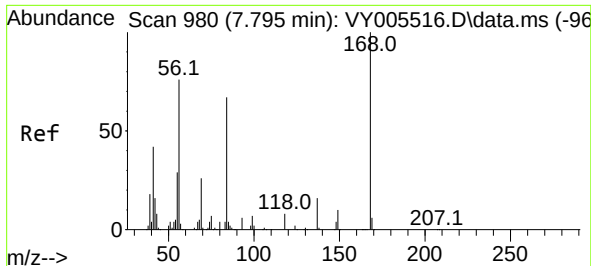
Tgt Ion:	84	Resp:	2650
Ion	Ratio	Lower	Upper
84	100		
49	122.7	105.8	158.6
51	40.6	33.4	50.2
86	66.9	54.2	81.4



#30
Chloroform
Concen: 2.809 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion:	83	Resp:	9135
Ion	Ratio	Lower	Upper
83	100		
85	66.9	52.7	79.1

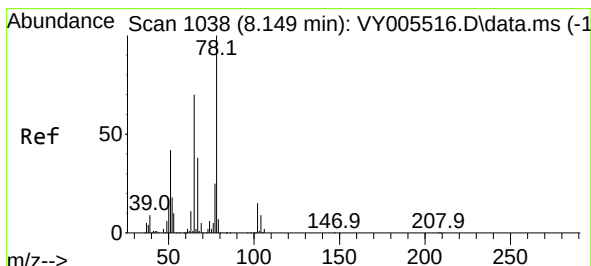
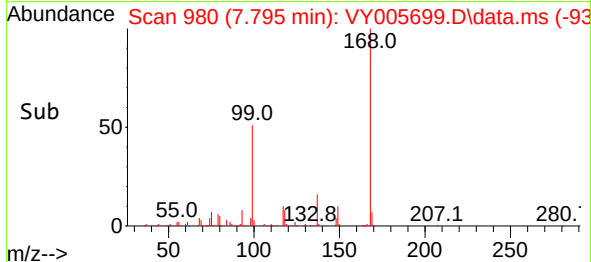
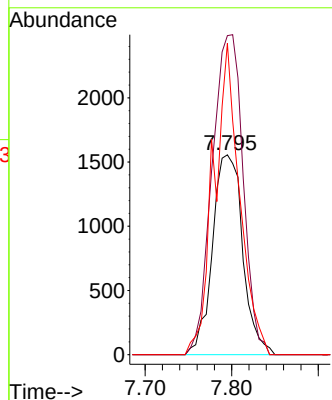
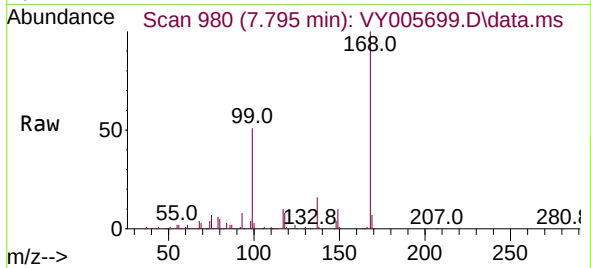




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

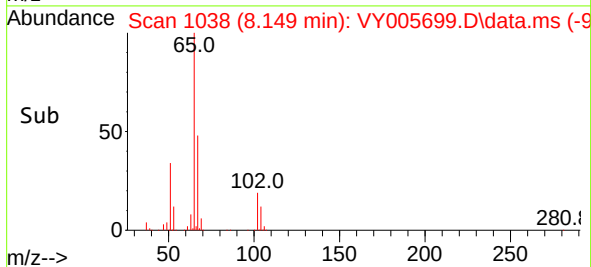
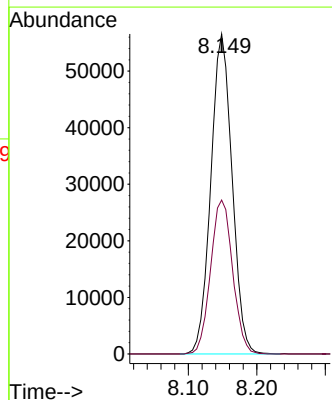
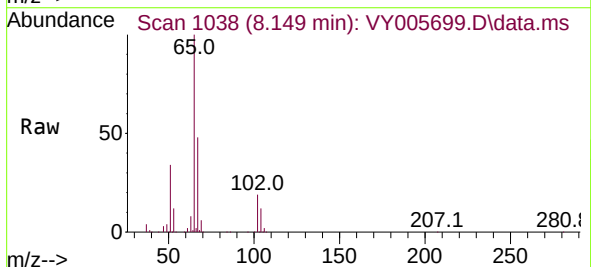
Instrument :
MSVOA_Y
ClientSampled :
22S

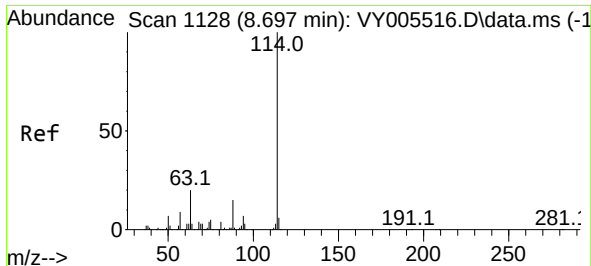
Tgt Ion: 56 Resp: 3777
Ion Ratio Lower Upper
56 100
69 159.6 27.7 41.5#
84 155.8 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 65.159 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion: 65 Resp: 121792
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.4

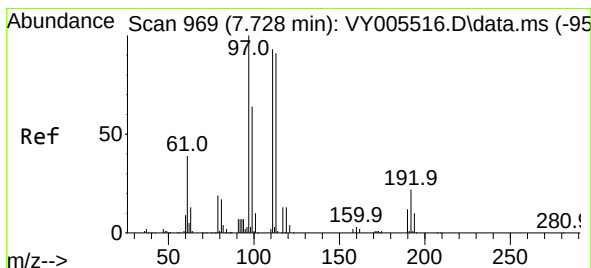
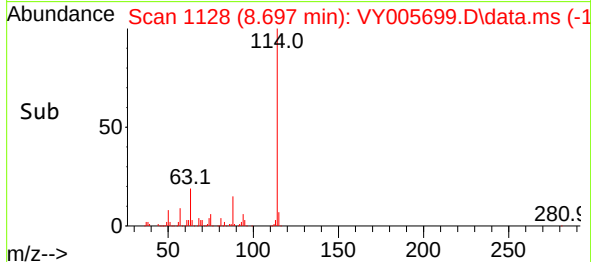
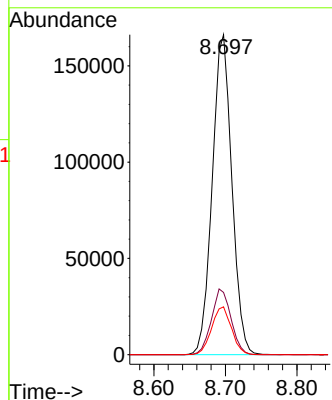
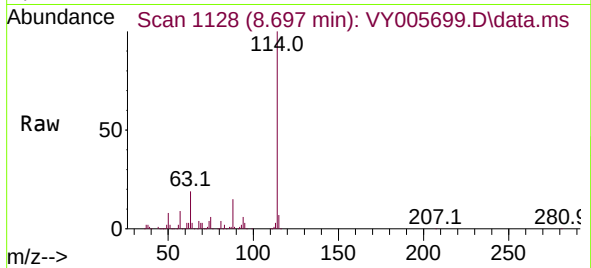




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

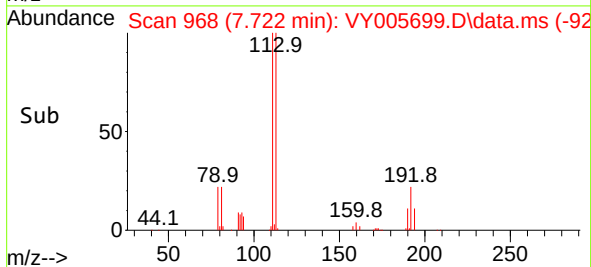
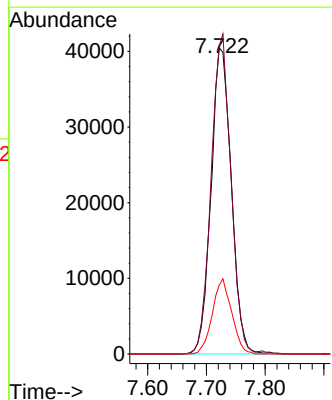
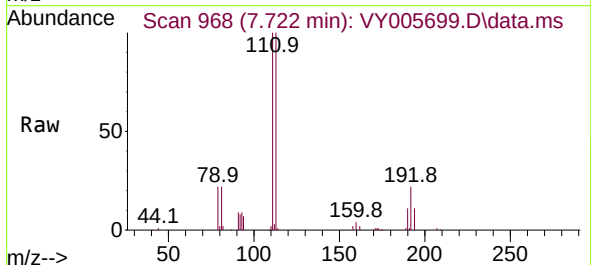
Instrument :
MSVOA_Y
ClientSampleId :
22S

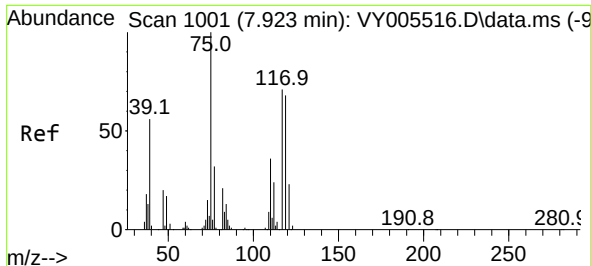
Tgt Ion:	114	Resp:	316266
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.686 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion:	113	Resp:	96833
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.4	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.377 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY005699.D

Acq: 17 Aug 2021 03:54

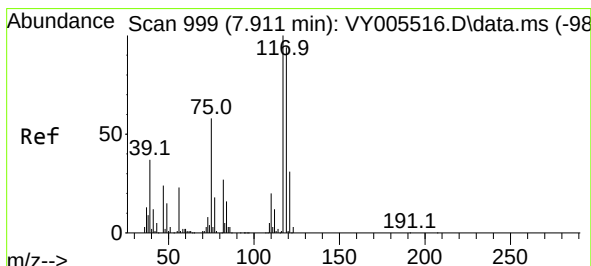
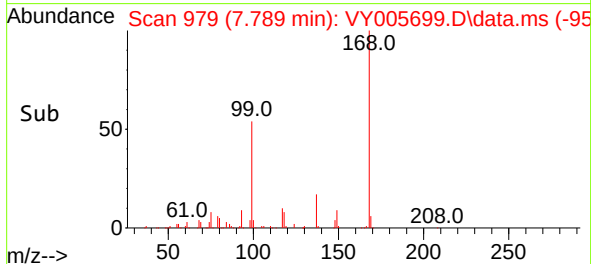
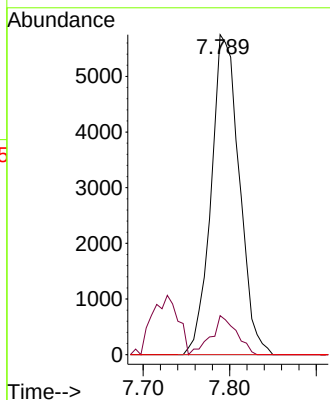
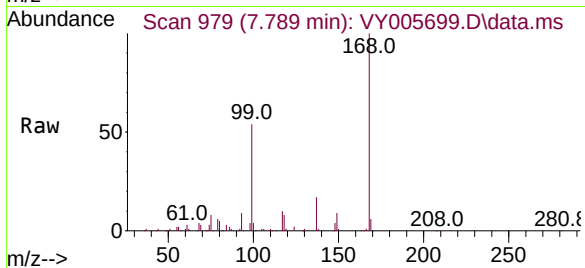
Instrument :

MSVOA_Y

ClientSampleId :

22S

Tgt Ion:	75	Resp:	12984
Ion	Ratio	Lower	Upper
75	100		
110	10.6	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.234 ug/l

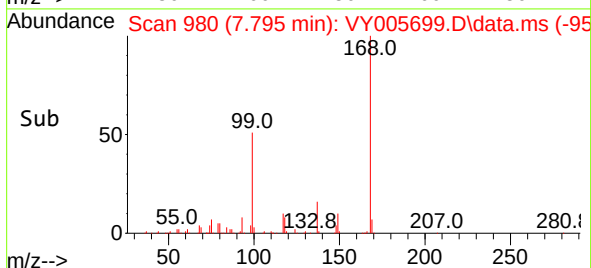
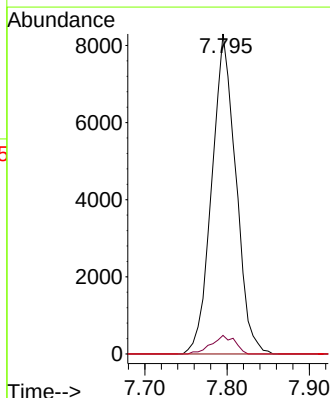
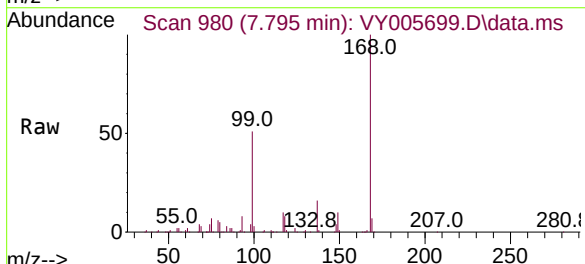
RT: 7.795 min Scan# 980

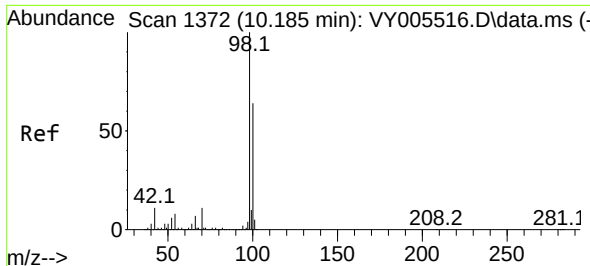
Delta R.T. -0.116 min

Lab File: VY005699.D

Acq: 17 Aug 2021 03:54

Tgt Ion:	117	Resp:	16875
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.4	113.0#
121	0.0	25.1	37.7#

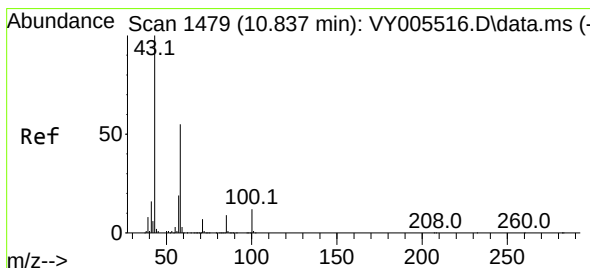
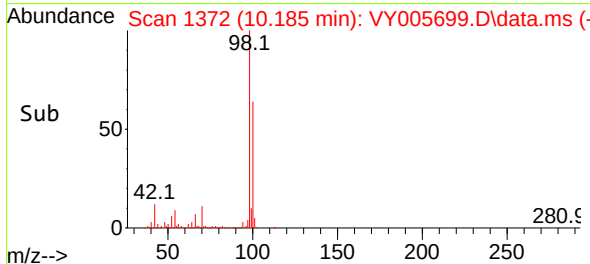
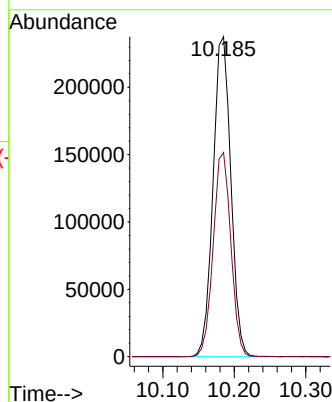
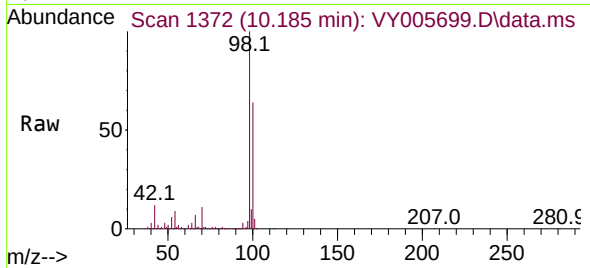




#50
Toluene-d8
Concen: 55.209 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

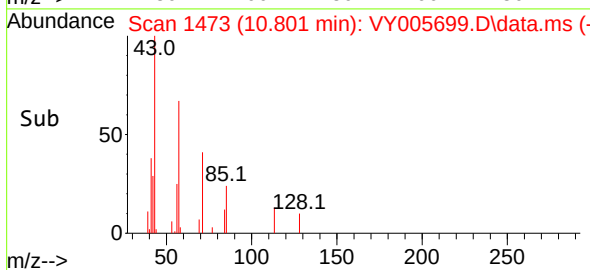
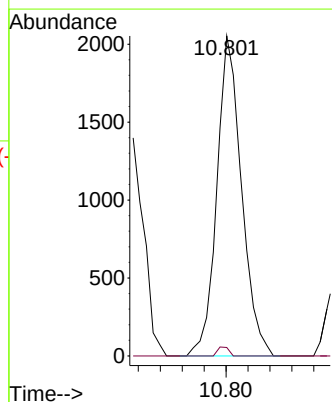
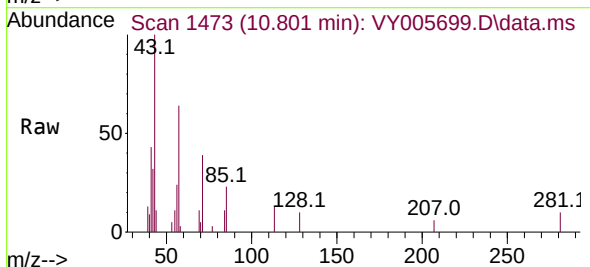
Instrument :
MSVOA_Y
ClientSampled :
22S

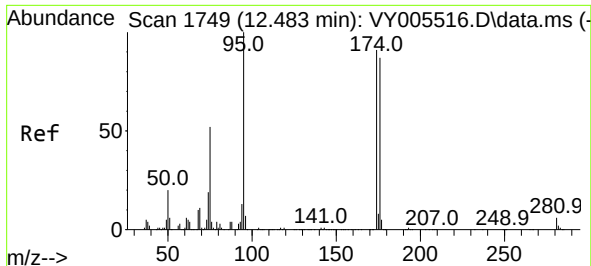
Tgt Ion: 98 Resp: 409989
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#59
2-Hexanone
Concen: 2.536 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.037 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion: 43 Resp: 3211
Ion Ratio Lower Upper
43 100
58 1.3 27.1 81.2#

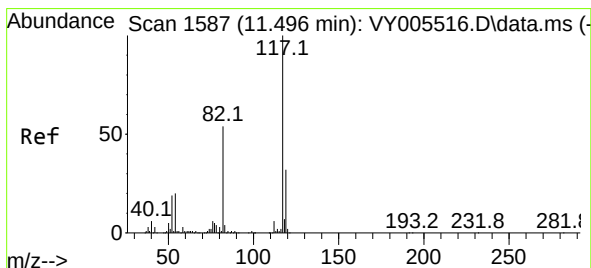
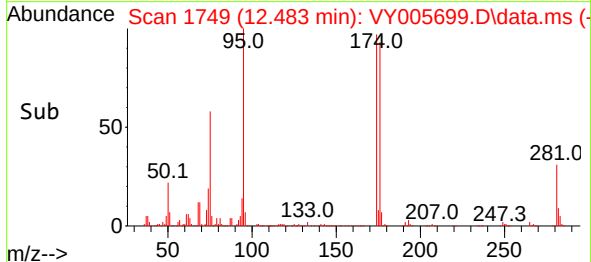
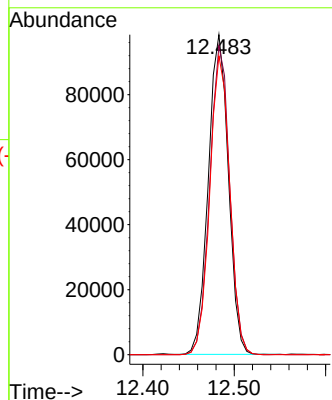
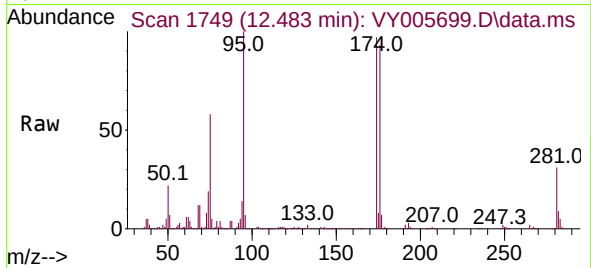




#62
4-Bromofluorobenzene
Concen: 61.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

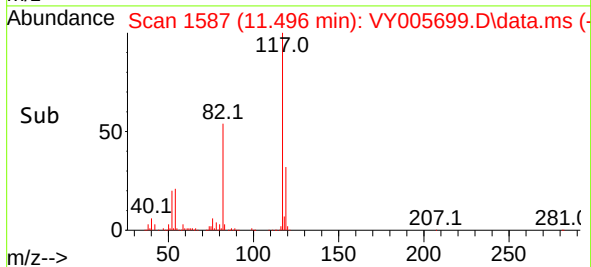
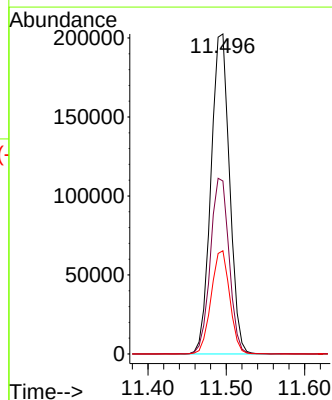
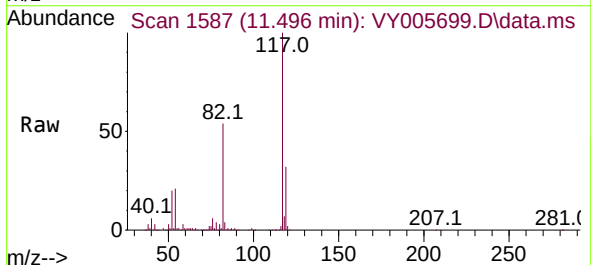
Instrument :
MSVOA_Y
ClientSampleId :
22S

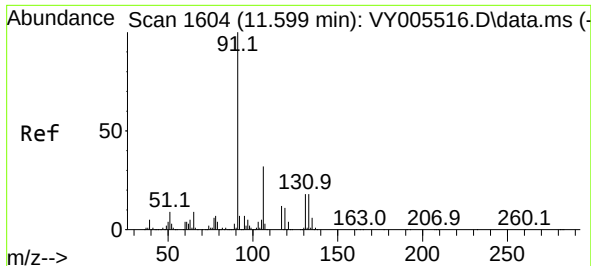
Tgt Ion:	95	Resp:	150024
Ion Ratio	Lower	Upper	
95	100		
174	96.0	0.0	191.4
176	93.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion:	117	Resp:	333884
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.5	65.3
119	32.2	25.5	38.3

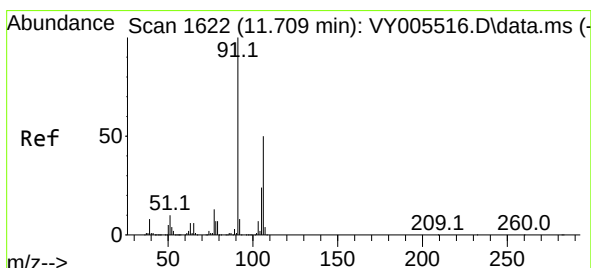
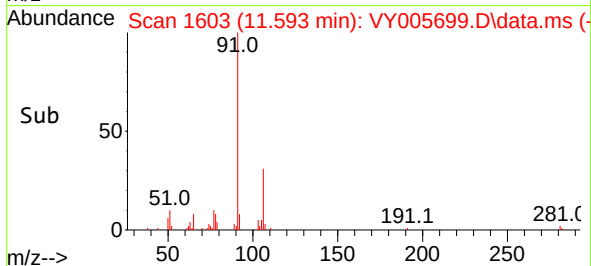
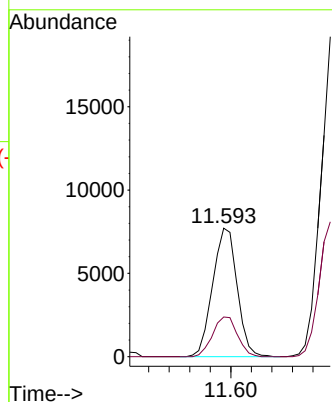
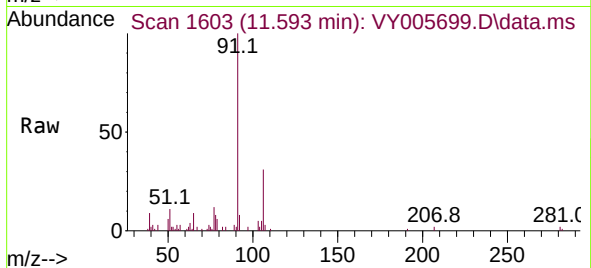




#67
Ethyl Benzene
Concen: 1.046 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

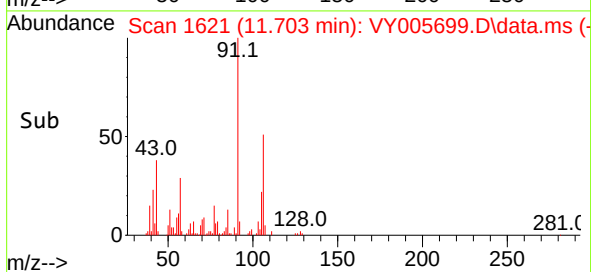
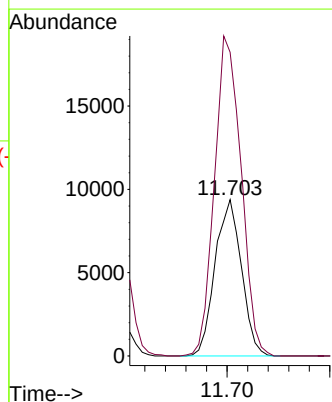
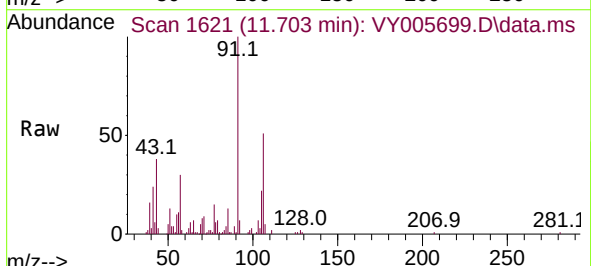
Instrument :
MSVOA_Y
ClientSampleId :
22S

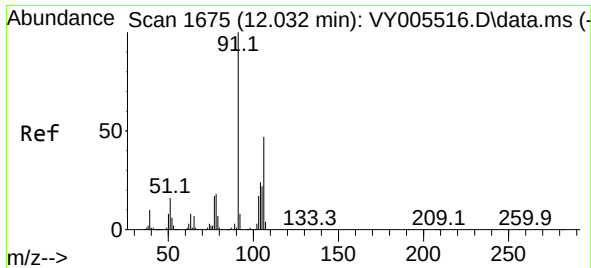
Tgt Ion: 91 Resp: 12749
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.6



#68
m/p-Xylenes
Concen: 3.533 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion:106 Resp: 16717
Ion Ratio Lower Upper
106 100
91 206.9 159.6 239.4

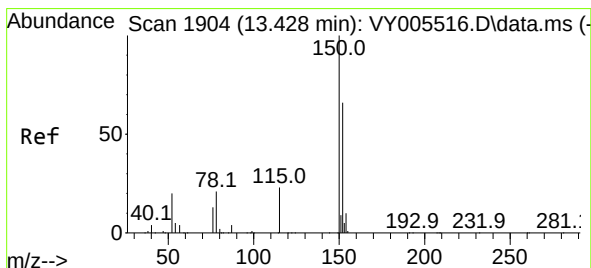
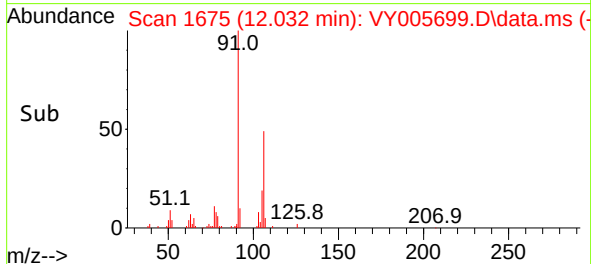
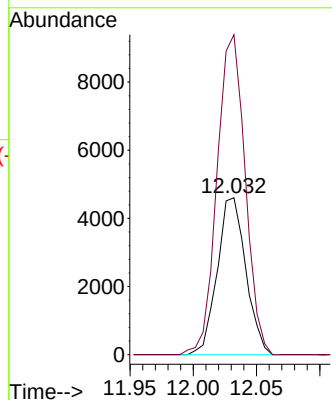
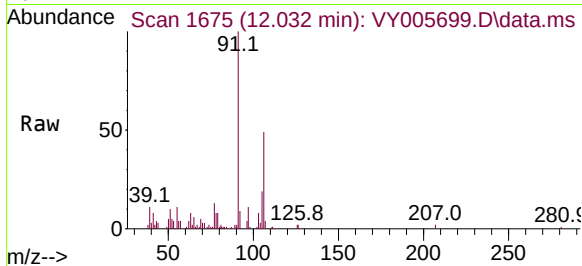




#69
o-Xylene
Concen: 1.589 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

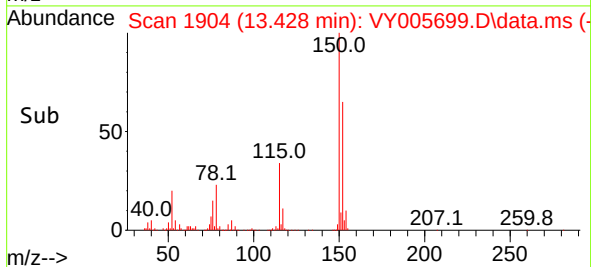
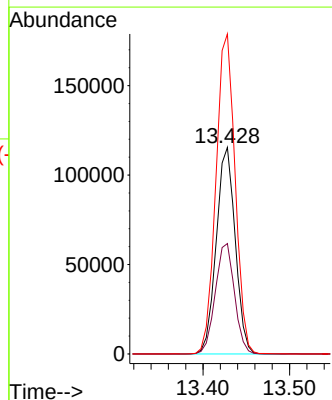
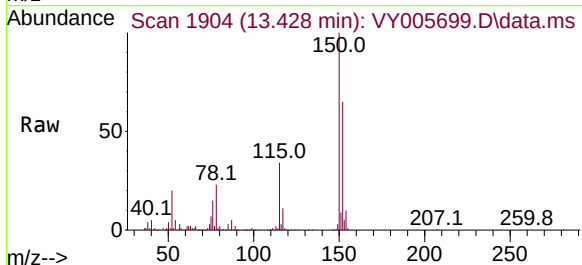
Instrument :
MSVOA_Y
ClientSampled :
22S

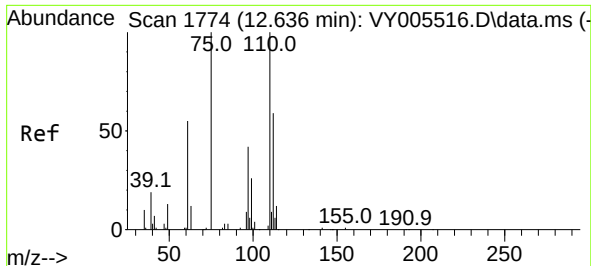
Tgt Ion:106 Resp: 7227
Ion Ratio Lower Upper
106 100
91 201.1 106.2 318.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion:152 Resp: 175735
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
150 156.3 0.0 350.2

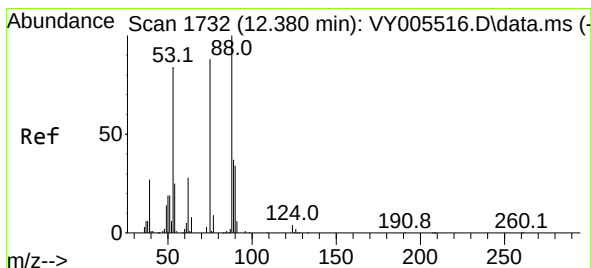
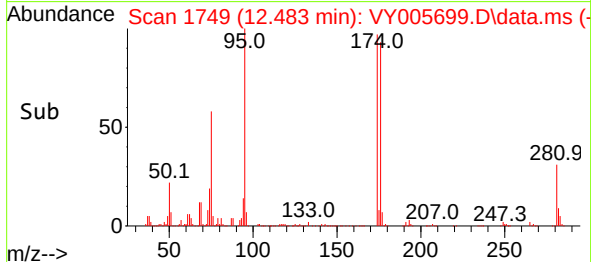
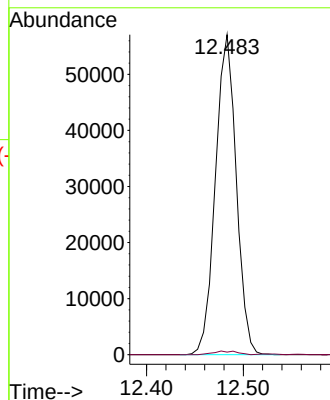
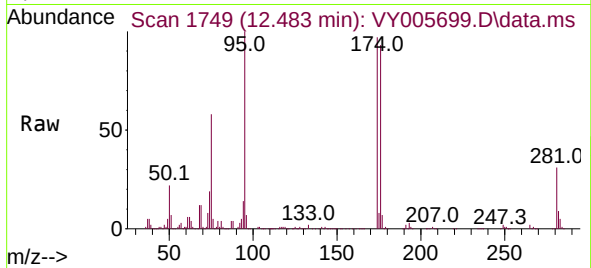




#76
1,2,3-Trichloropropane
Concen: 46.813 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Instrument :
MSVOA_Y
ClientSampled :
22S

Tgt Ion: 75 Resp: 85252
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005699.D
Acq: 17 Aug 2021 03:54

Tgt Ion: 75 Resp: 85252
Ion Ratio Lower Upper
75 100
53 0.2 76.7 115.1#
89 0.3 38.4 57.6#

