

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004991.D
 Acq On : 07 Jun 2021 14:36
 Operator : SY/MD
 Sample : M2613-03
 Misc : 8.50G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

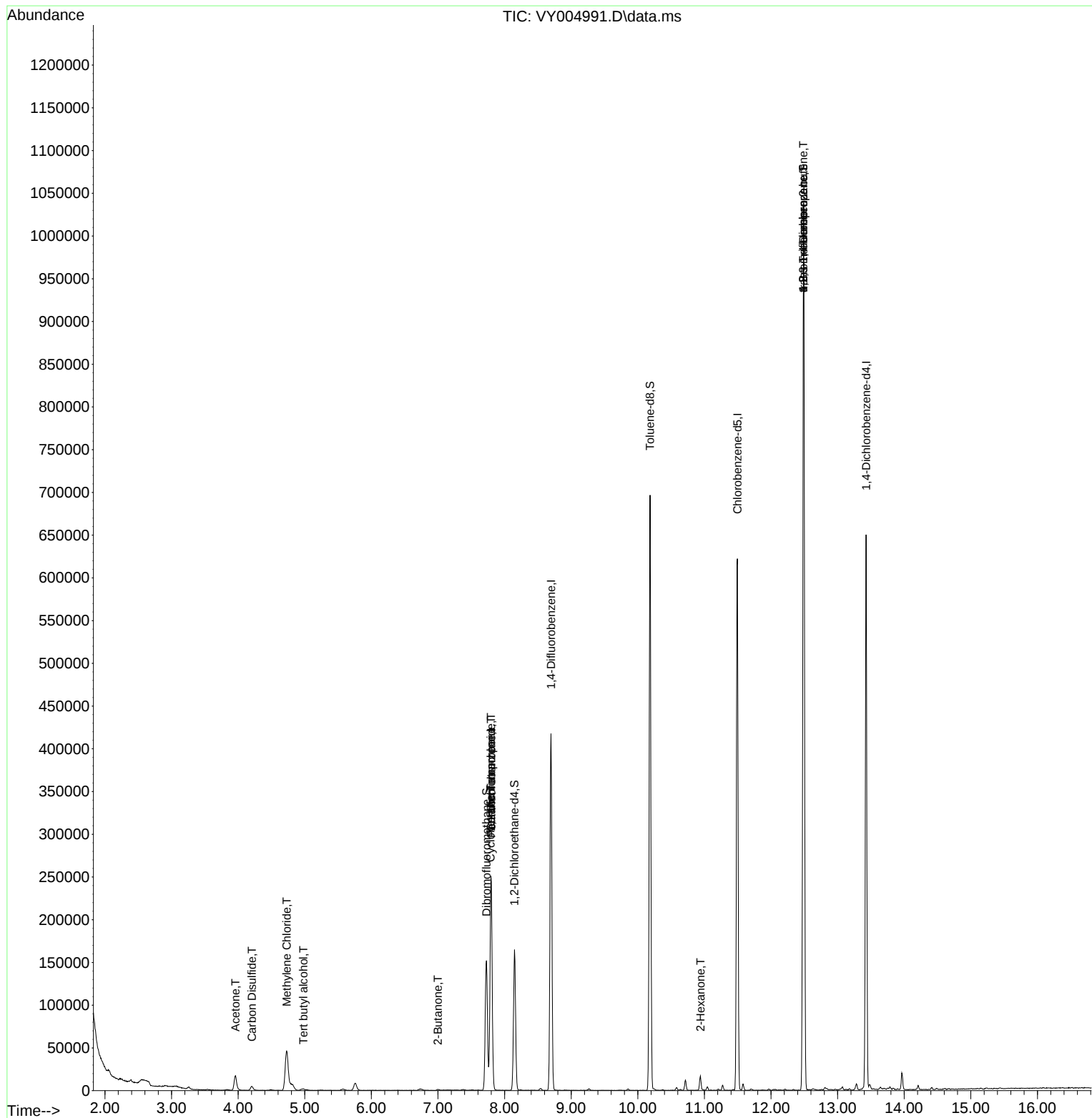
Internal Standards						
1) Pentafluorobenzene	7.801	168	191094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	350225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	341193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122877	60.824	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.640%	
35) Dibromofluoromethane	7.728	113	109264	57.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.980%	
50) Toluene-d8	10.185	98	436220	55.743	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.480%	
62) 4-Bromofluorobenzene	12.483	95	152275	56.580	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	3645	15.689	ug/l #	90
16) Acetone	3.960	43	29720	61.113	ug/l	96
17) Carbon Disulfide	4.204	76	7910	1.310	ug/l	95
20) Methylene Chloride	4.729	84	34341	9.920	ug/l	96
25) 2-Butanone	6.996	43	2071	2.533	ug/l	94
31) Cyclohexane	7.789	56	4366	1.227	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	15000	4.376	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19451	6.521	ug/l #	17
59) 2-Hexanone	10.941	43	3334	2.325	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	84800	49.872	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84800	91.654	ug/l #	16

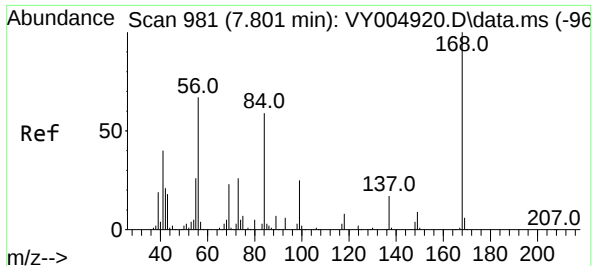
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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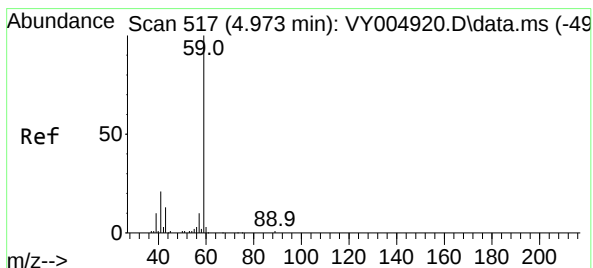
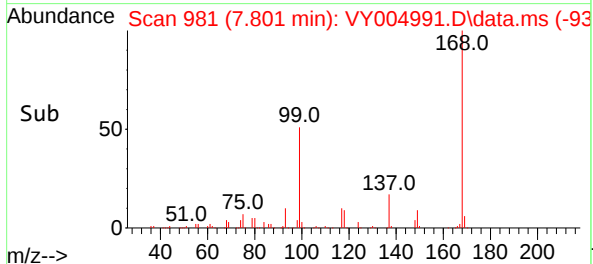
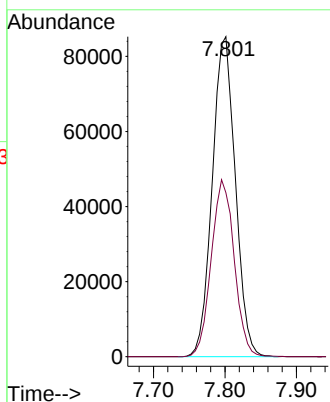
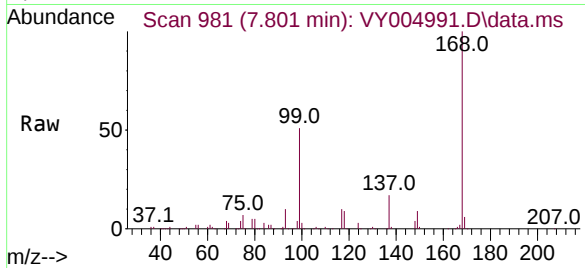




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

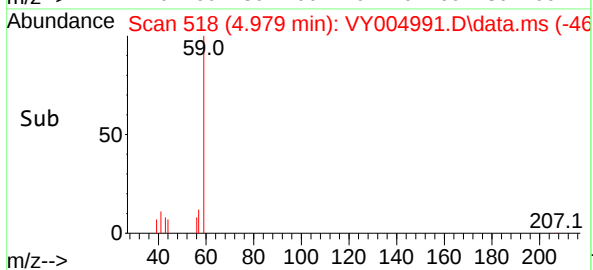
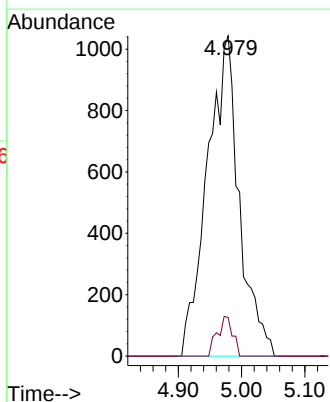
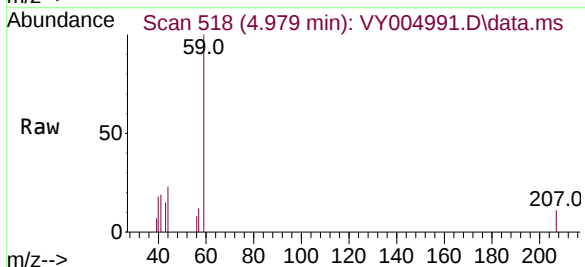
Instrument :
MSVOA_Y
ClientSampleId :

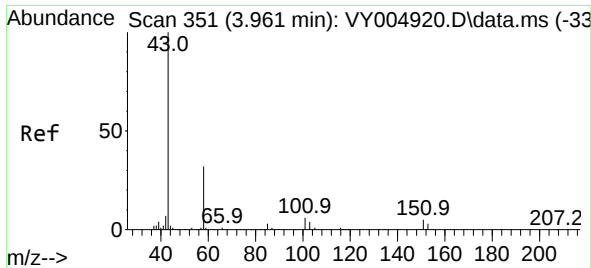
Tgt Ion:168 Resp: 191094
Ion Ratio Lower Upper
168 100
99 51.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 15.689 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

Tgt Ion: 59 Resp: 3645
Ion Ratio Lower Upper
59 100
57 5.9 7.7 11.5#

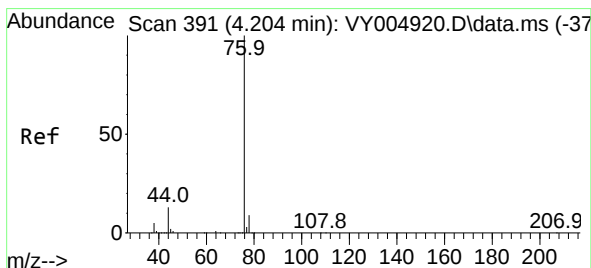
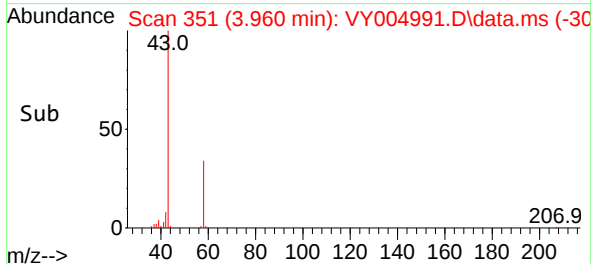
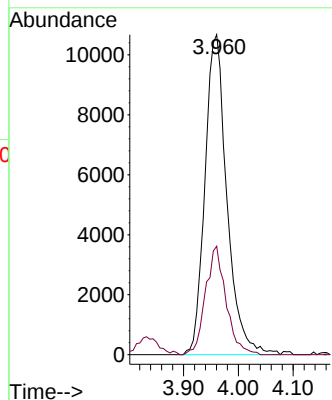
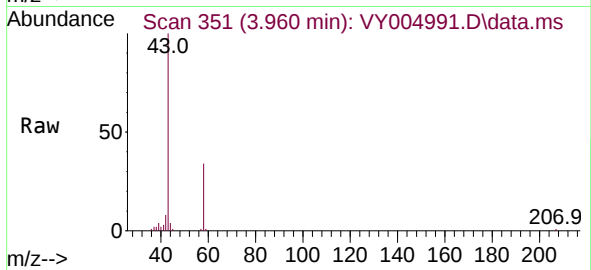




#16
Acetone
Concen: 61.113 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

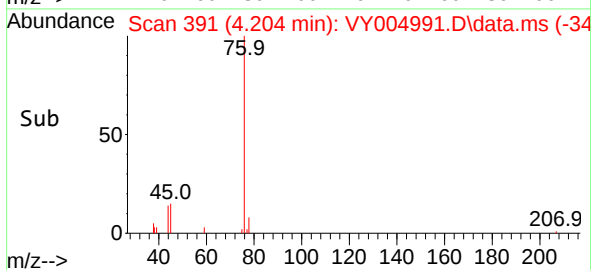
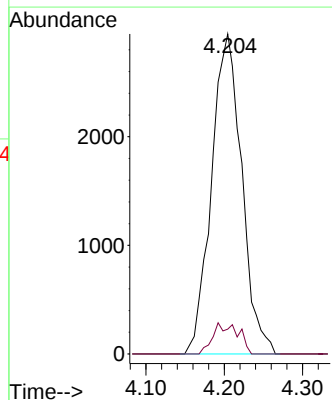
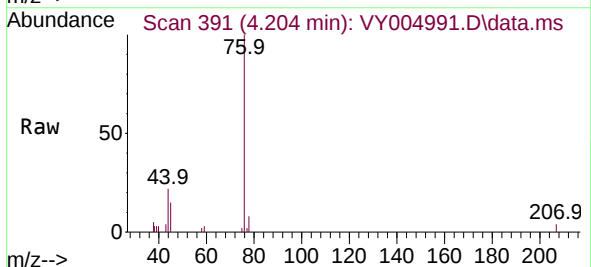
Instrument :
MSVOA_Y
ClientSampled :

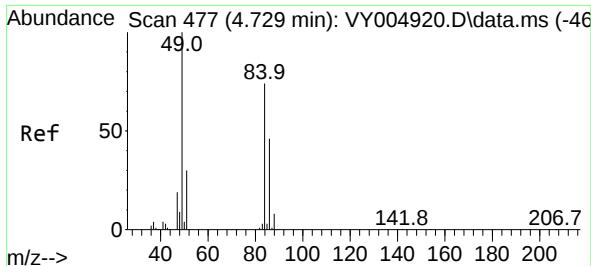
Tgt Ion: 43 Resp: 29720
Ion Ratio Lower Upper
43 100
58 33.9 25.3 37.9



#17
Carbon Disulfide
Concen: 1.310 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

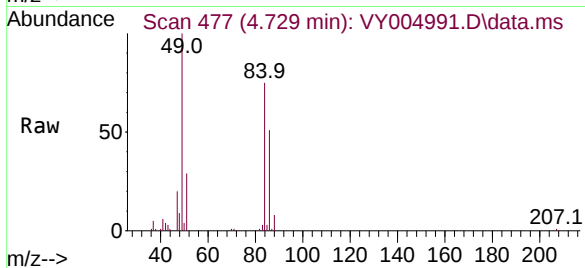
Tgt Ion: 76 Resp: 7910
Ion Ratio Lower Upper
76 100
78 7.8 7.6 11.4



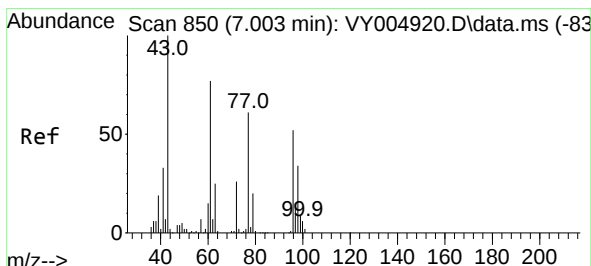
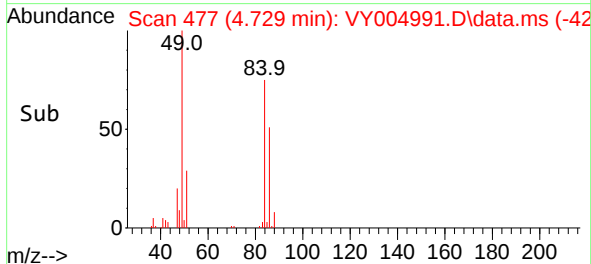
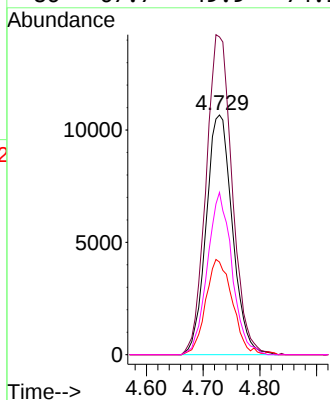


#20
Methylene Chloride
Concen: 9.920 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

Instrument :
MSVOA_Y
ClientSampleId :

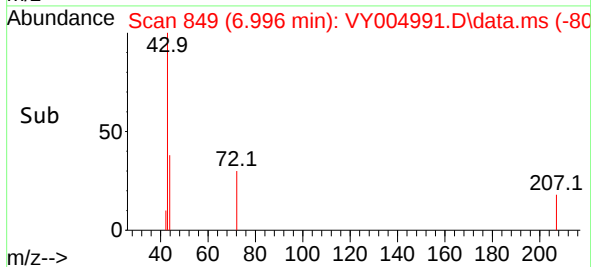
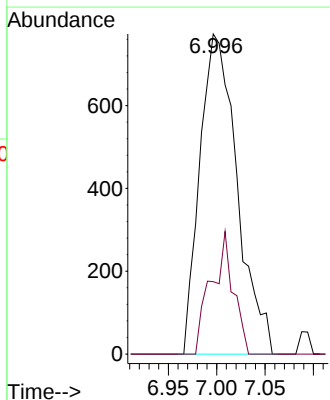
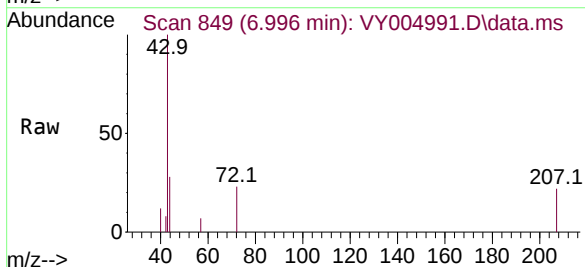


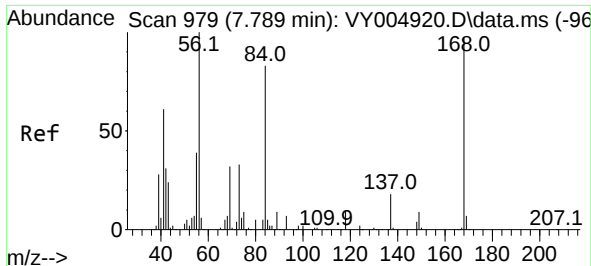
Tgt Ion:	84	Resp:	34341
Ion	Ratio	Lower	Upper
84	100		
49	132.5	108.0	162.0
51	38.6	32.6	48.8
86	67.7	49.9	74.9



#25
2-Butanone
Concen: 2.533 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

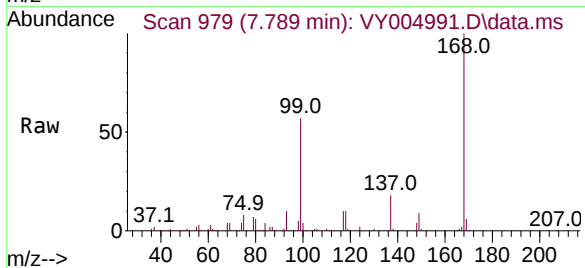
Tgt Ion:	43	Resp:	2071
Ion	Ratio	Lower	Upper
43	100		
72	22.6	20.6	31.0



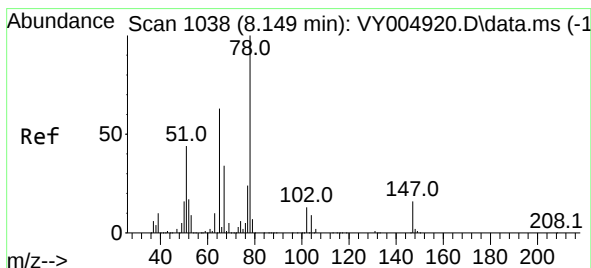
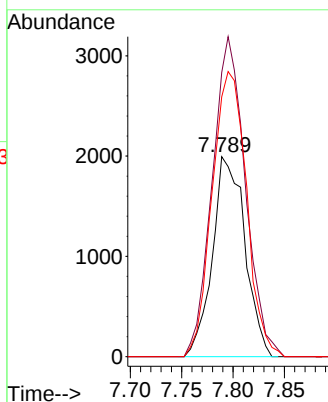
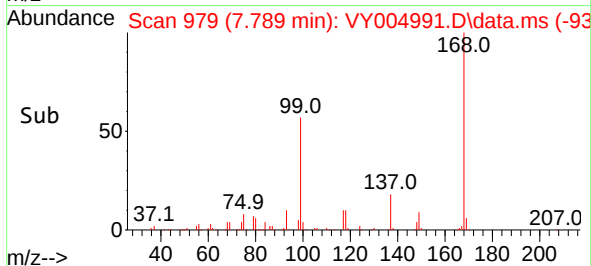


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

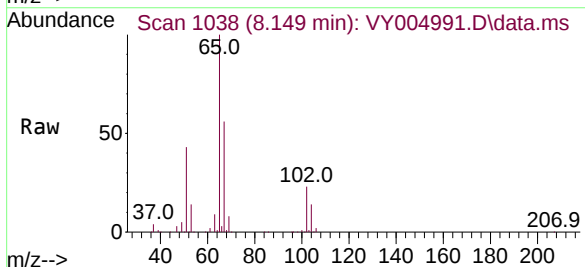
Instrument :
MSVOA_Y
ClientSampleId :



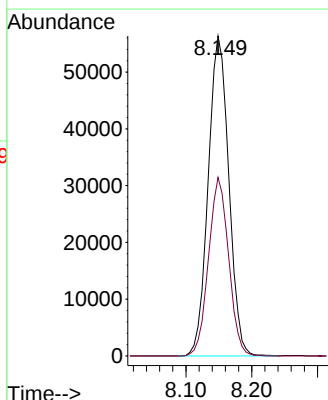
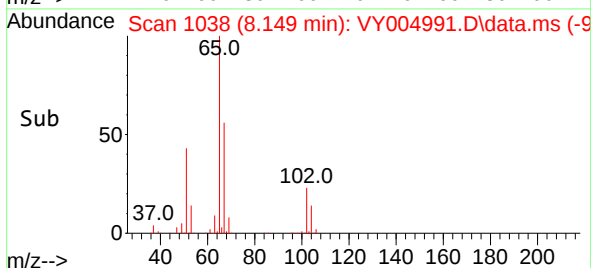
Tgt Ion: 56 Resp: 4366
Ion Ratio Lower Upper
56 100
69 142.1 25.3 37.9#
84 129.9 66.2 99.4#

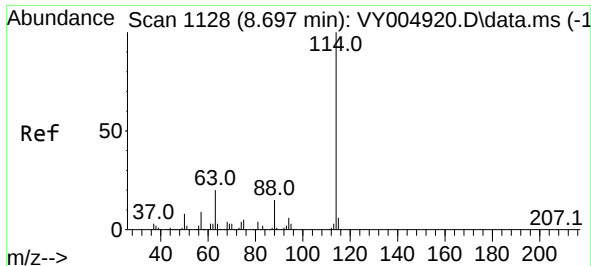


#33
1,2-Dichloroethane-d4
Concen: 60.824 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36



Tgt Ion: 65 Resp: 122877
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

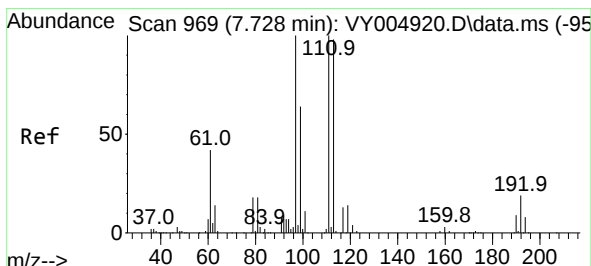
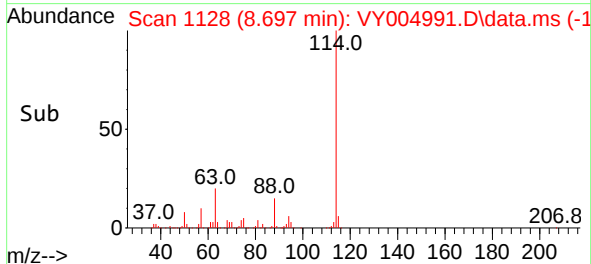
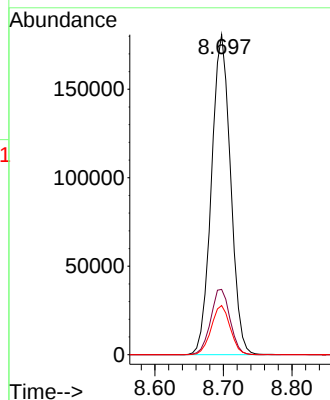
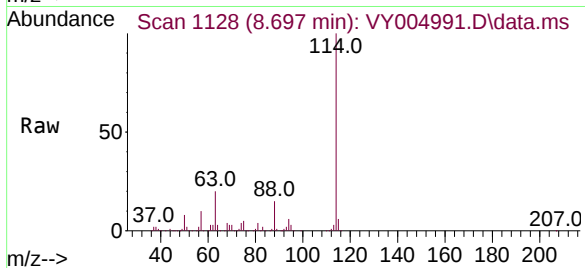
Delta R.T. -0.000 min

Lab File: VY004991.D

Acq: 07 Jun 2021 14:36

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	114	Resp:	350225
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	41.0
88	15.3	0.0	30.6



#35

Dibromofluoromethane

Concen: 57.988 ug/l

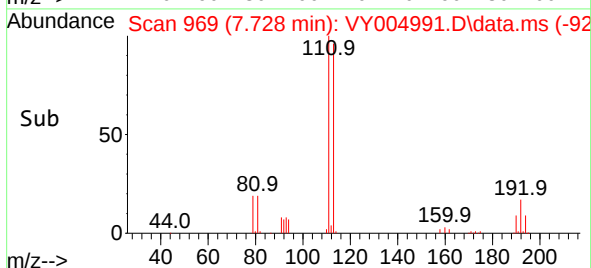
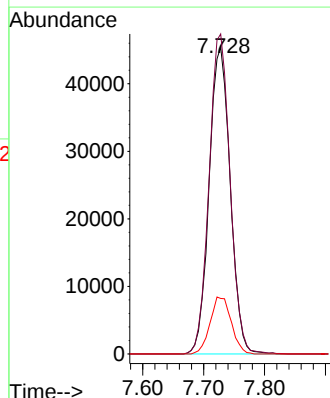
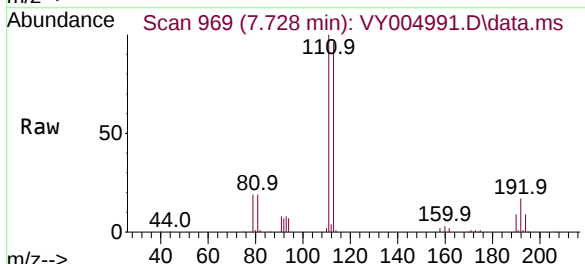
RT: 7.728 min Scan# 969

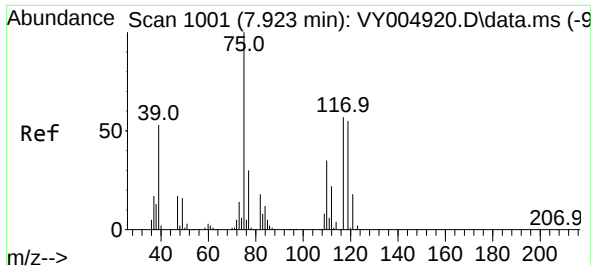
Delta R.T. -0.000 min

Lab File: VY004991.D

Acq: 07 Jun 2021 14:36

Tgt Ion:	113	Resp:	109264
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.8	122.8
192	18.6	15.3	22.9

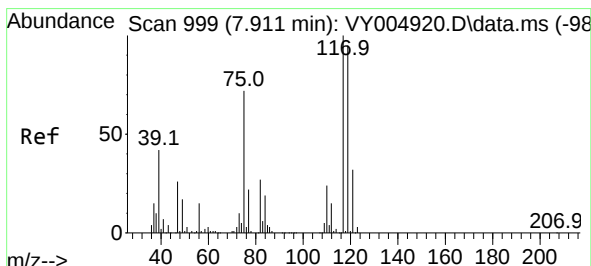
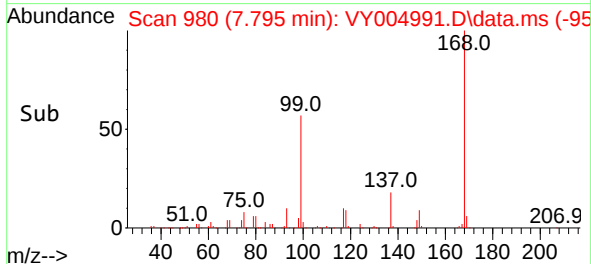
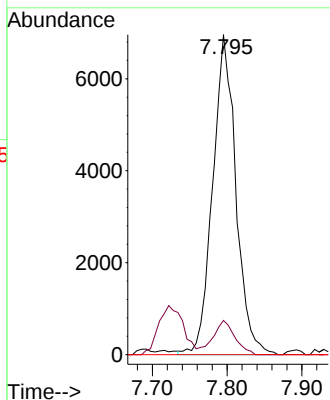
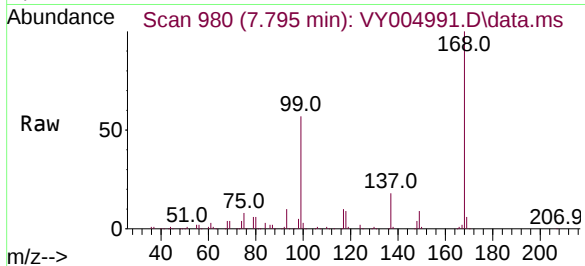




#36
1,1-Dichloropropene
Concen: 4.376 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

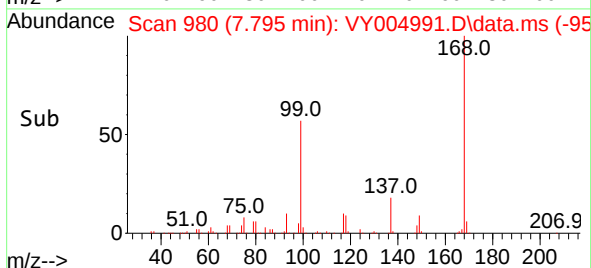
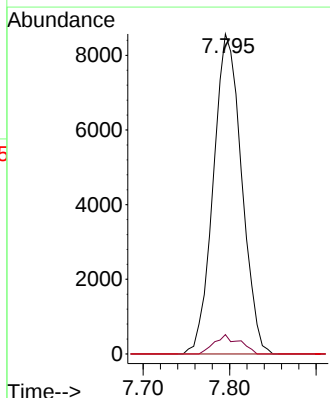
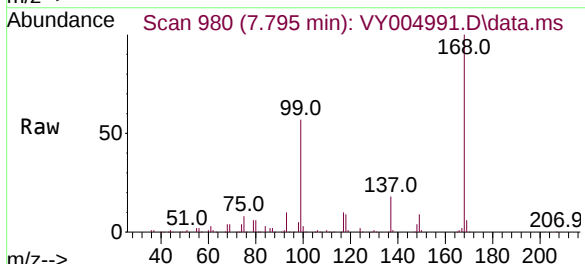
Instrument :
MSVOA_Y
ClientSampleId :

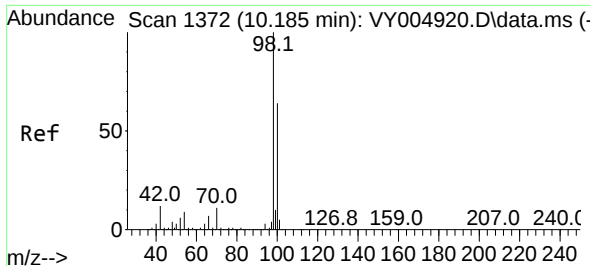
Tgt Ion: 75	Resp: 15000
Ion Ratio	Lower Upper
75 100	
110 9.8	17.5 52.5#
77 0.0	25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.521 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

Tgt Ion: 117	Resp: 19451
Ion Ratio	Lower Upper
117 100	
119 6.1	76.1 114.1#
121 0.0	25.5 38.3#

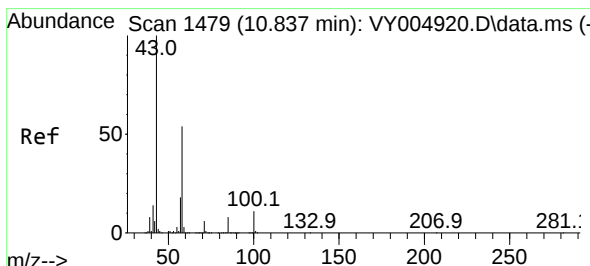
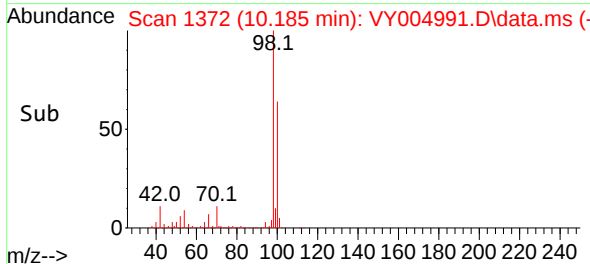
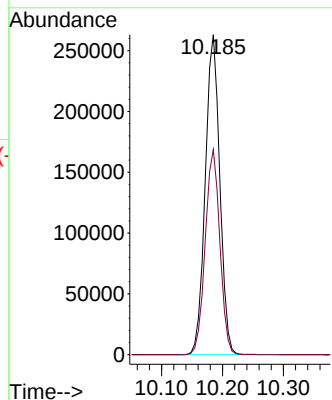
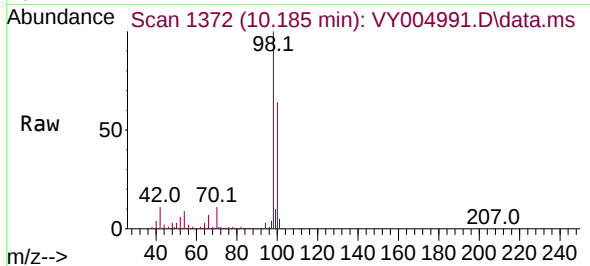




#50
Toluene-d8
Concen: 55.743 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

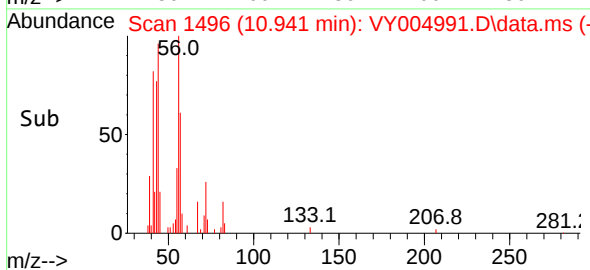
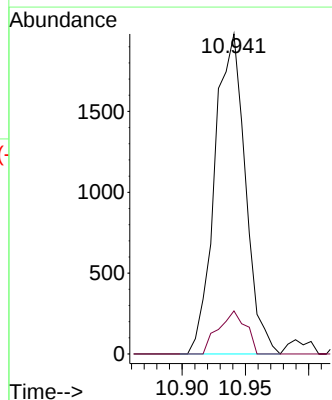
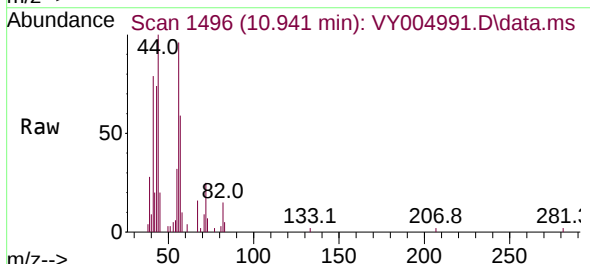
Instrument :
MSVOA_Y
ClientSampleId :

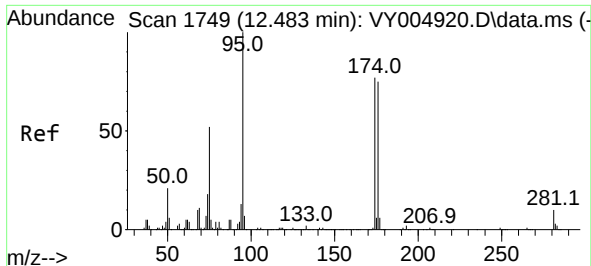
Tgt Ion: 98 Resp: 436220
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#59
2-Hexanone
Concen: 2.325 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

Tgt Ion: 43 Resp: 3334
Ion Ratio Lower Upper
43 100
58 12.1 27.0 80.8#

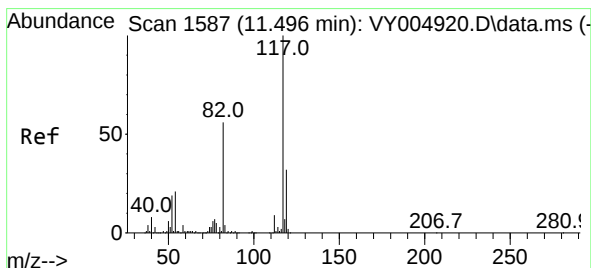
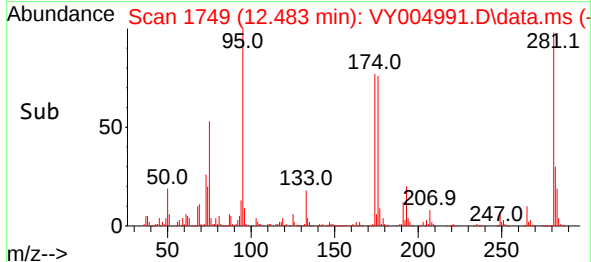
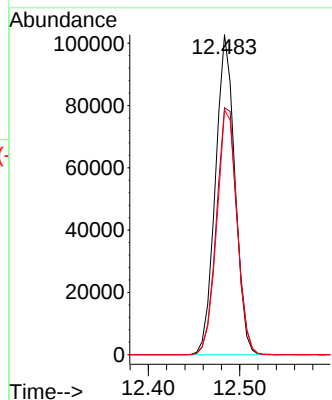
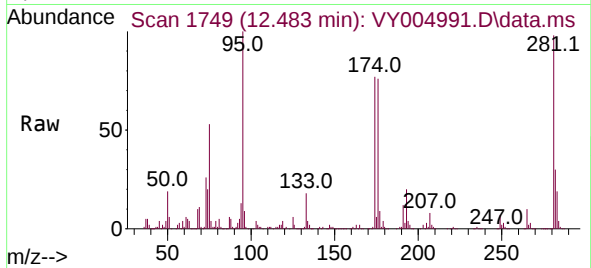




#62
4-Bromofluorobenzene
Concen: 56.580 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

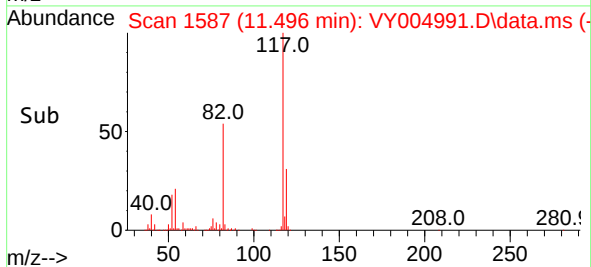
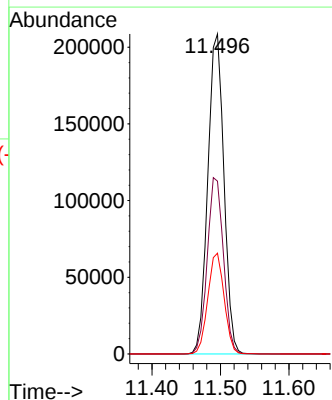
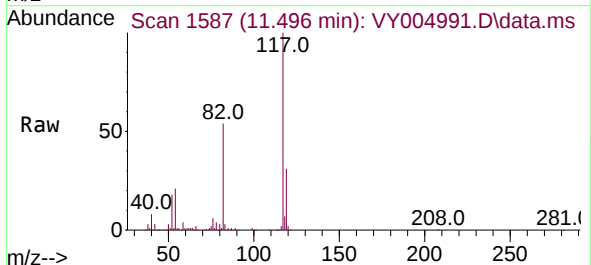
Instrument :
MSVOA_Y
ClientSampled :

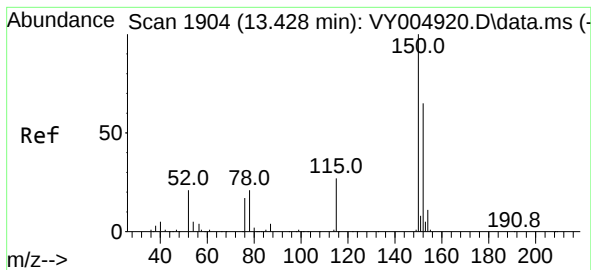
Tgt Ion:	95	Resp:	152275
Ion Ratio	Lower	Upper	
95	100		
174	81.4	0.0	160.8
176	79.2	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

Tgt Ion:	117	Resp:	341193
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.8	67.2
119	31.5	25.2	37.8

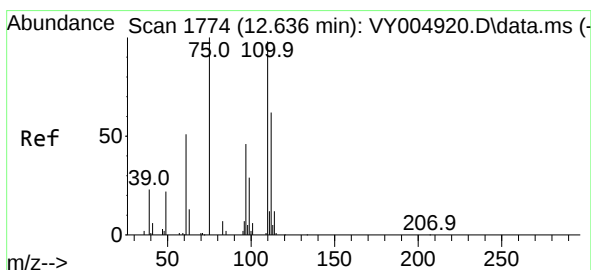
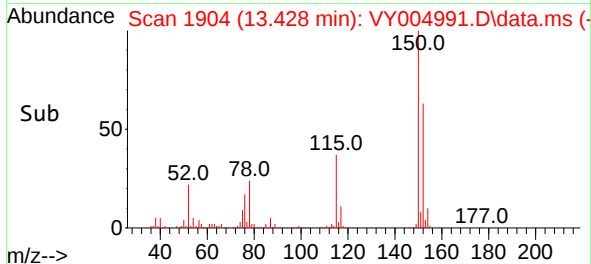
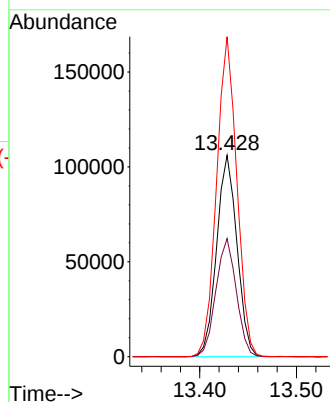
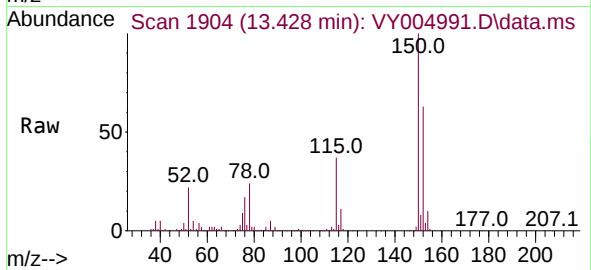




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

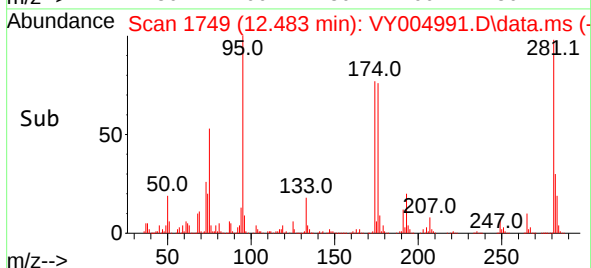
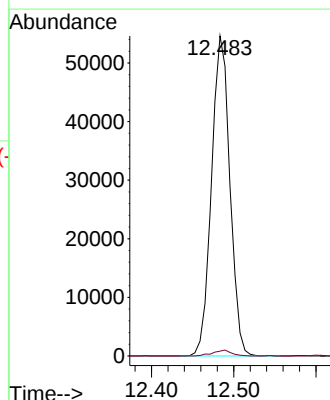
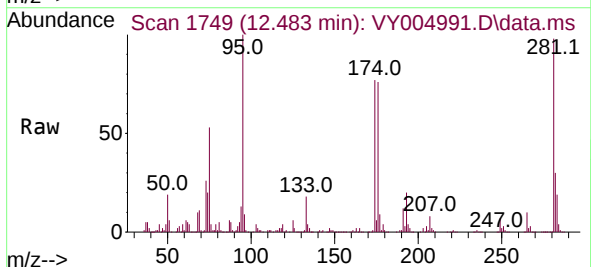
Instrument :
MSVOA_Y
ClientSampleId :

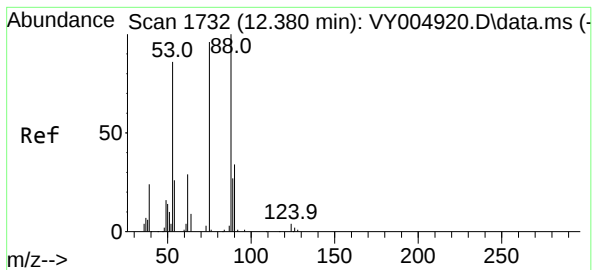
Tgt Ion:152 Resp: 155113
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 157.7 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 49.872 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004991.D
Acq: 07 Jun 2021 14:36

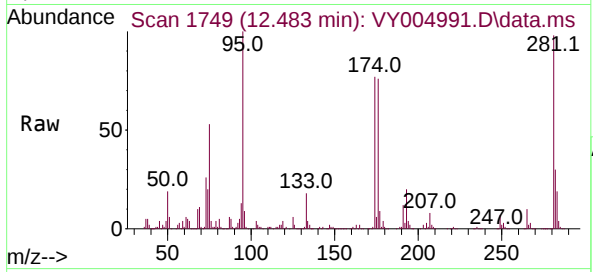
Tgt Ion: 75 Resp: 84800
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.654 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004991.D
 Acq: 07 Jun 2021 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 84800
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 2.7 35.0 52.6#

