

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004993.D
 Acq On : 07 Jun 2021 15:23
 Operator : SY/MD
 Sample : M2612-10
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:09:09 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)

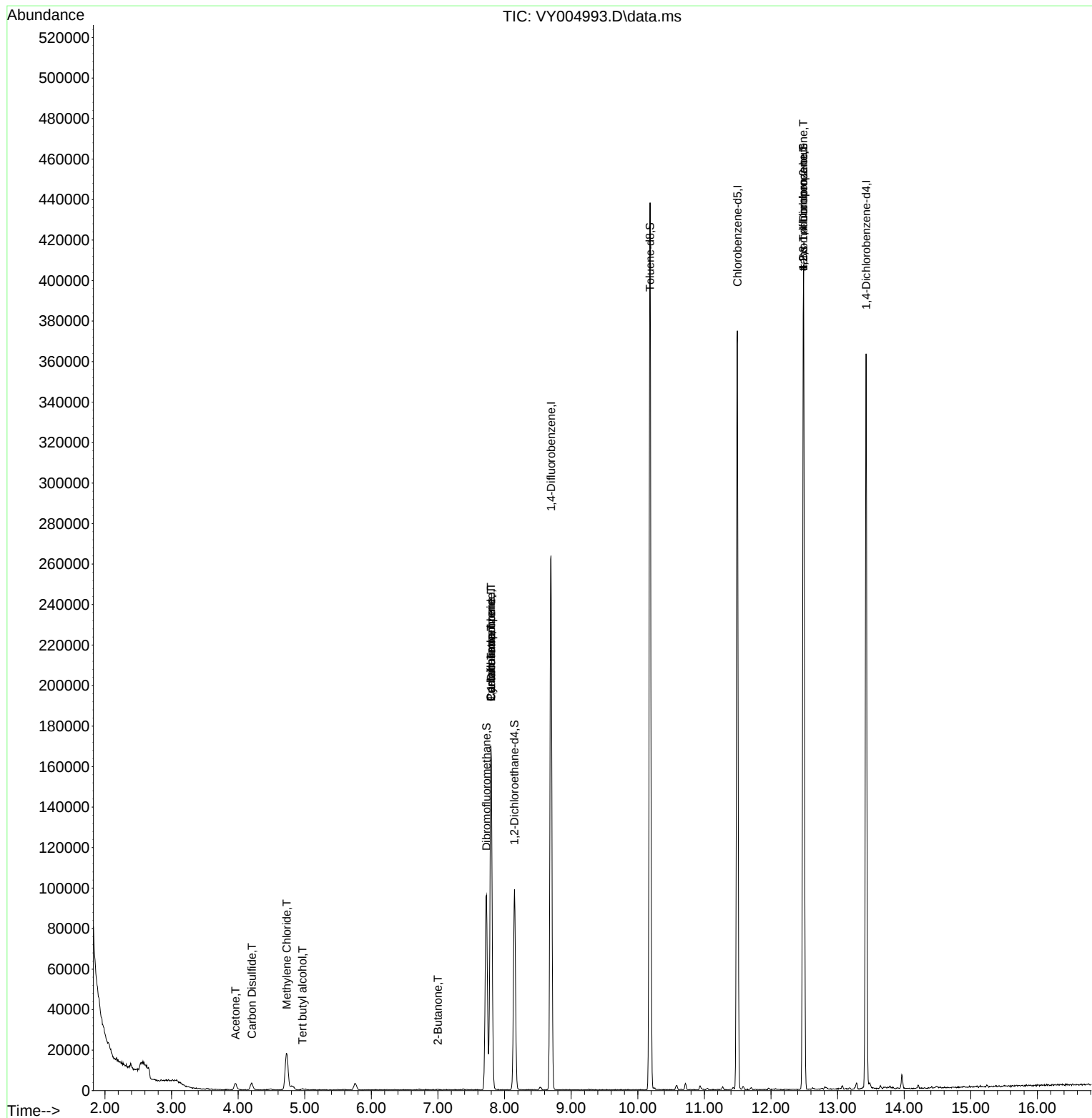
Internal Standards						
1) Pentafluorobenzene	7.795	168	128512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	225178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74608	54.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.840%	
35) Dibromofluoromethane	7.728	113	68801	56.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.580%	
50) Toluene-d8	10.185	98	277440	55.141	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.280%	
62) 4-Bromofluorobenzene	12.483	95	85448	49.380	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	977	6.253	ug/l #	74
13) Acrolein	3.723	56	22	Below Cal	#	15
16) Acetone	3.961	43	5623	17.193	ug/l	97
17) Carbon Disulfide	4.204	76	6643	1.636	ug/l #	94
20) Methylene Chloride	4.729	84	13771	3.200	ug/l	98
25) 2-Butanone	6.997	43	561	1.020	ug/l #	49
31) Cyclohexane	7.795	56	2883	1.205	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10921	4.956	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13326	6.948	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45339	47.190	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45339	86.725	ug/l #	16

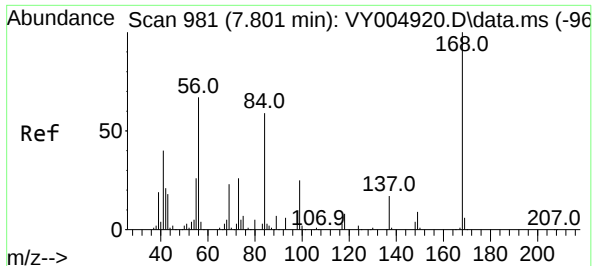
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 08 02:09:09 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

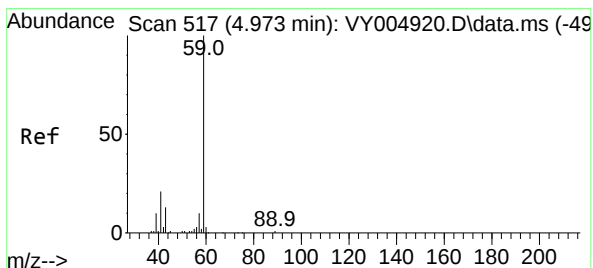
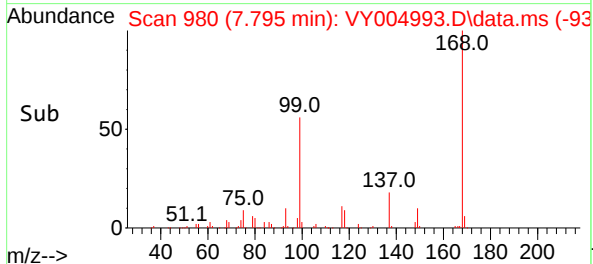
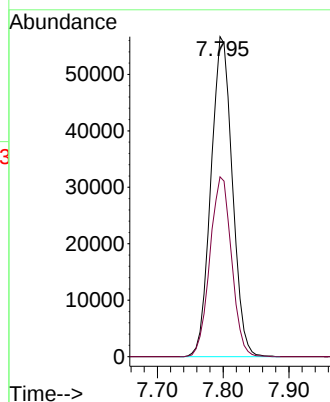
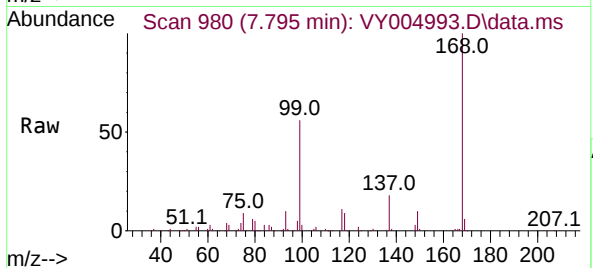




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

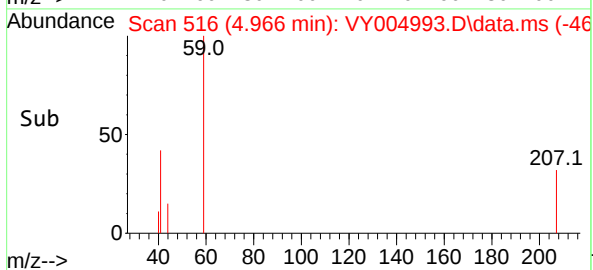
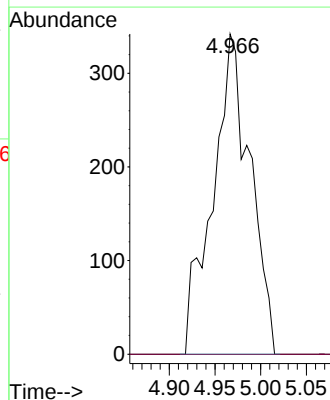
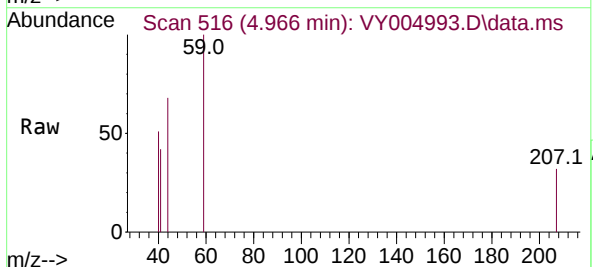
Instrument :
MSVOA_Y
ClientSampled :

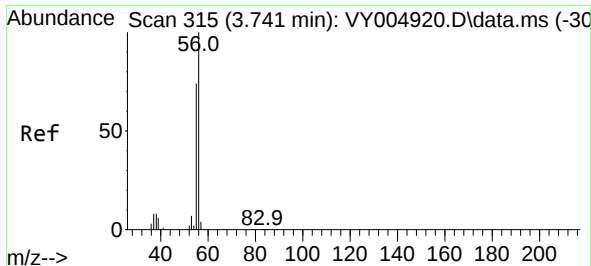
Tgt Ion:168 Resp: 128512
Ion Ratio Lower Upper
168 100
99 56.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 6.253 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

Tgt Ion: 59 Resp: 977
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

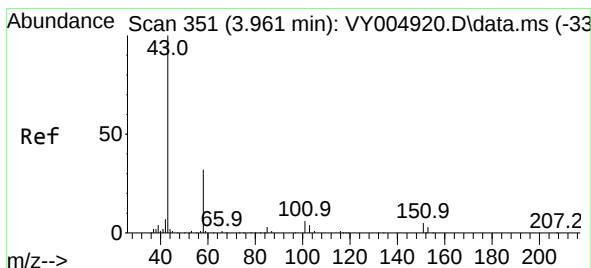
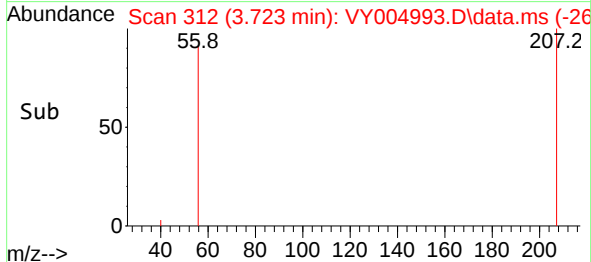
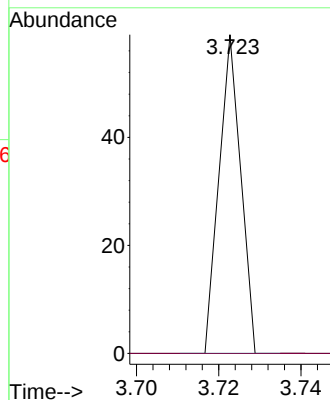
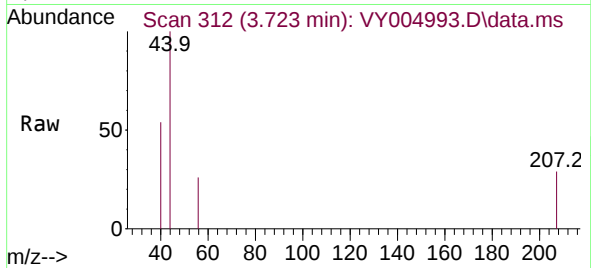




#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.018 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

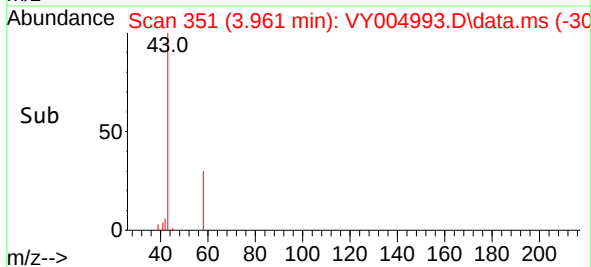
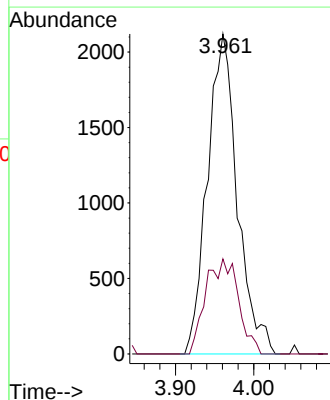
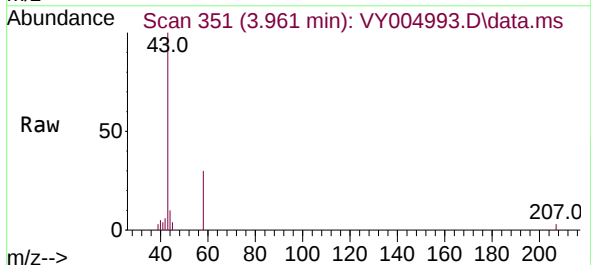
Instrument :
MSVOA_Y
ClientSampled :

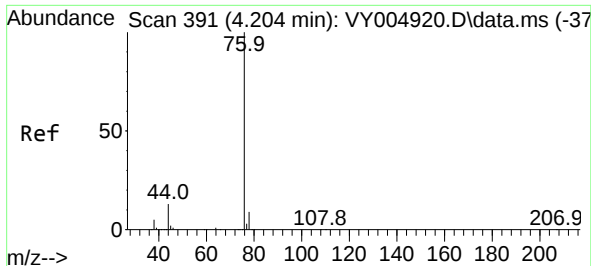
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 17.193 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

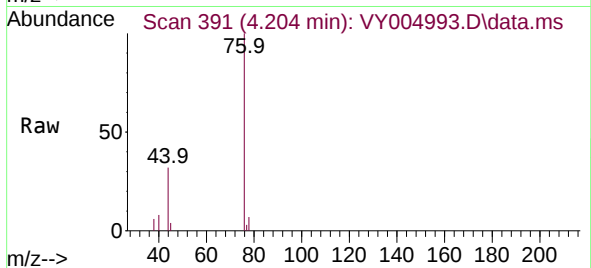
Tgt Ion: 43 Resp: 5623
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9



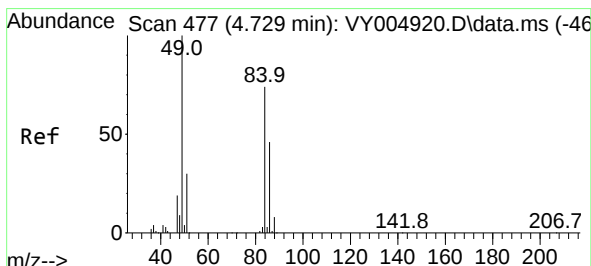
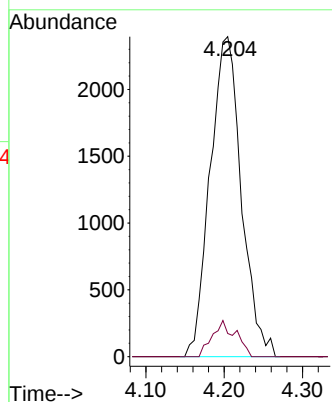
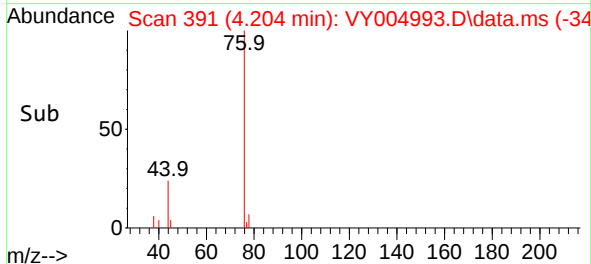


#17
Carbon Disulfide
Concen: 1.636 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

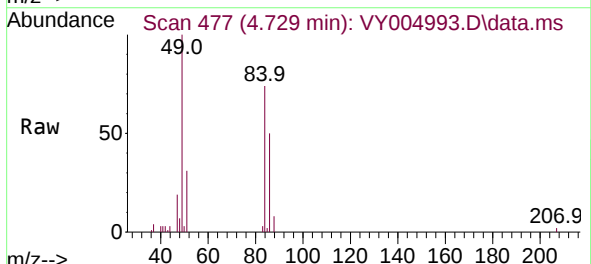
Instrument :
MSVOA_Y
ClientSampled :



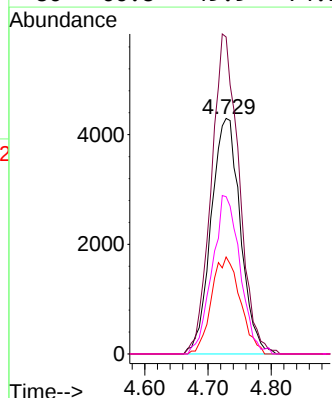
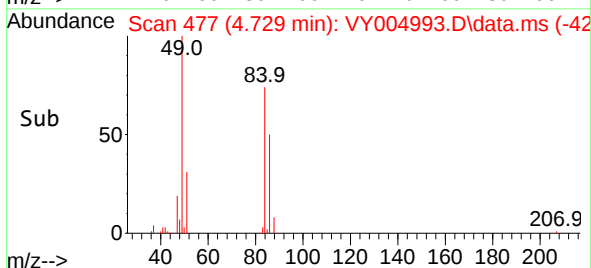
Tgt Ion: 76 Resp: 6643
Ion Ratio Lower Upper
76 100
78 7.3 7.6 11.4#

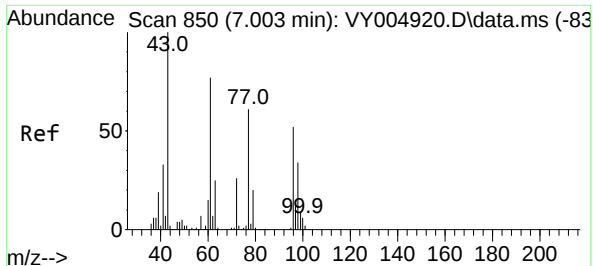


#20
Methylene Chloride
Concen: 3.200 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23



Tgt Ion: 84 Resp: 13771
Ion Ratio Lower Upper
84 100
49 134.6 108.0 162.0
51 41.2 32.6 48.8
86 66.8 49.9 74.9

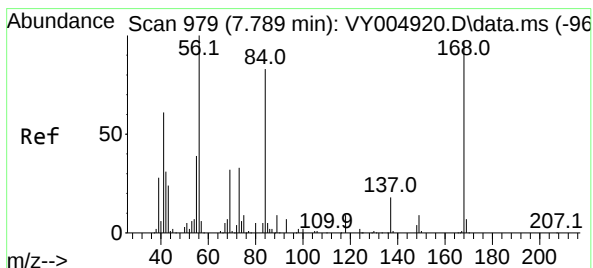
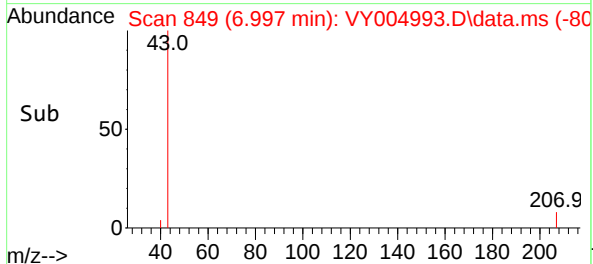
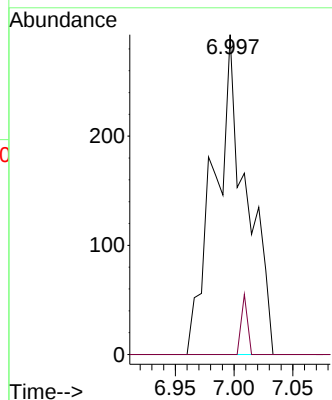
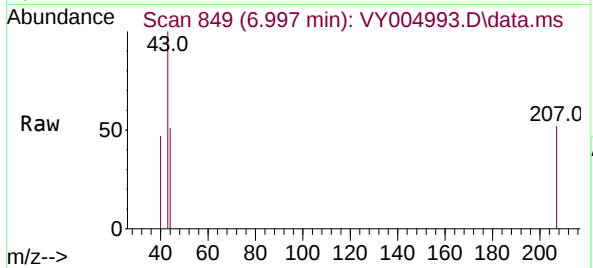




#25
2-Butanone
Concen: 1.020 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

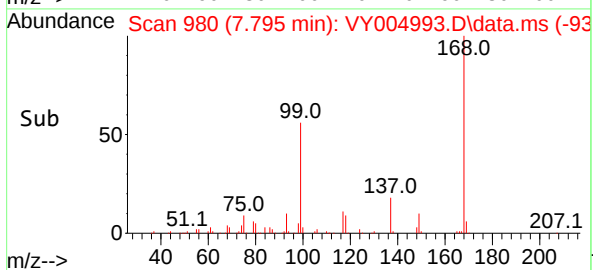
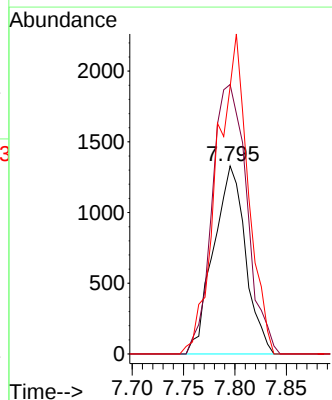
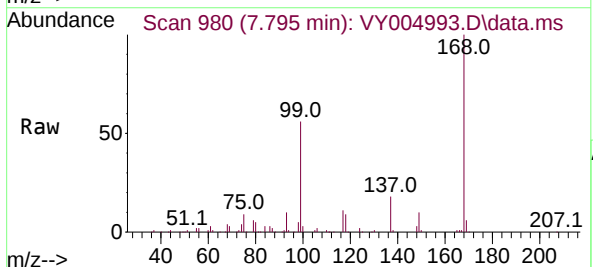
Instrument :
MSVOA_Y
ClientSampled :

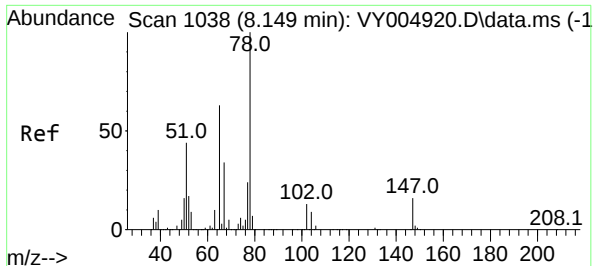
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

Tgt Ion: 56 Resp: 2883
Ion Ratio Lower Upper
56 100
69 143.2 25.3 37.9#
84 142.0 66.2 99.4#

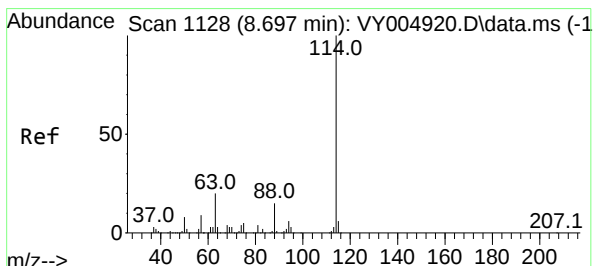
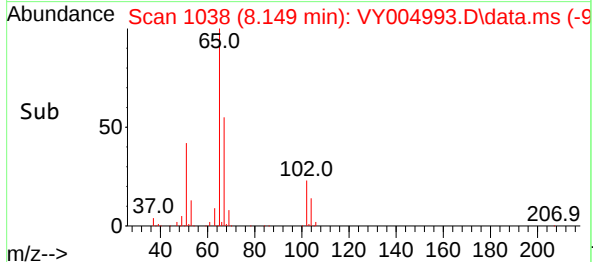
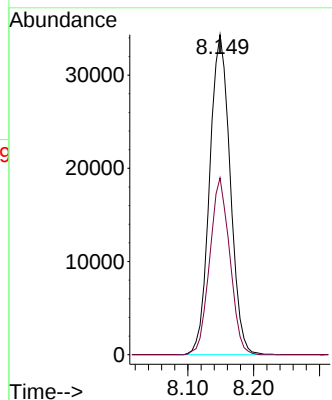
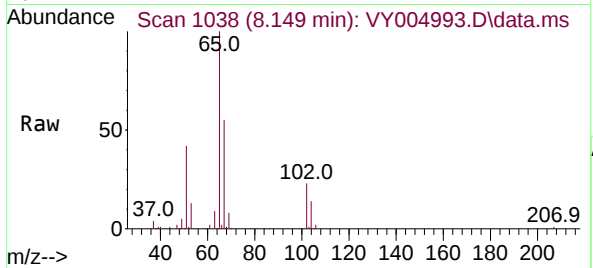




#33
1,2-Dichloroethane-d4
Concen: 54.915 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

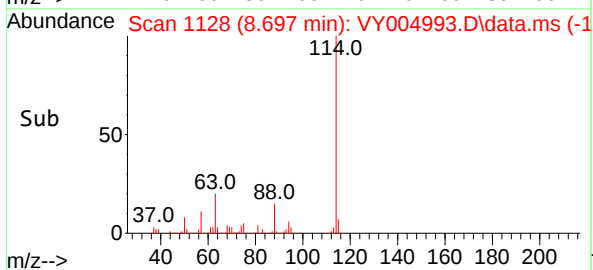
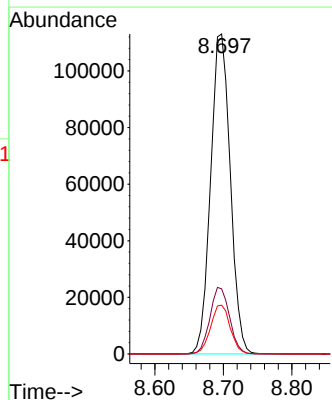
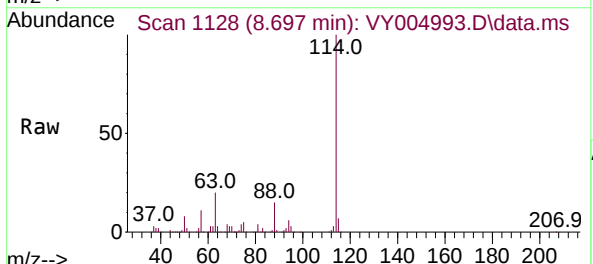
Instrument :
MSVOA_Y
ClientSampleId :

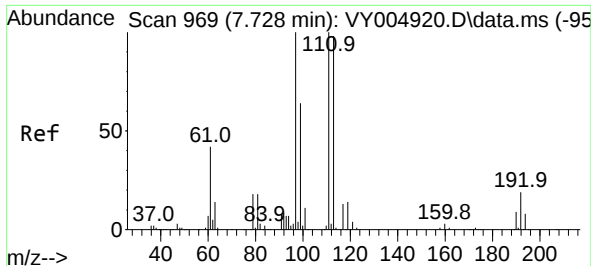
Tgt Ion: 65 Resp: 74608
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

Tgt Ion: 114 Resp: 225178
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.0
88 15.3 0.0 30.6

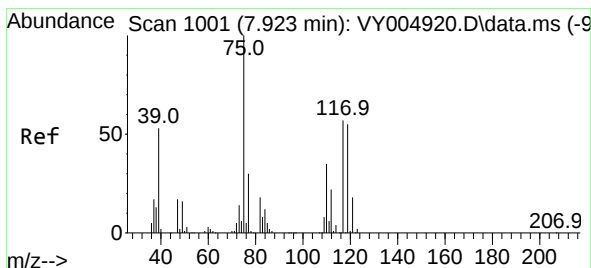
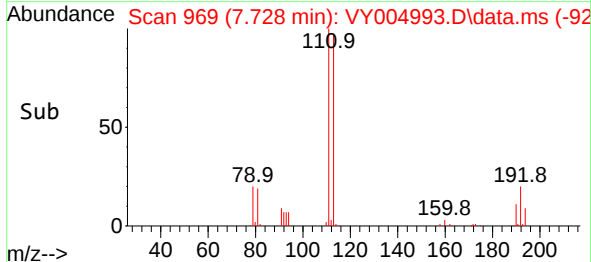
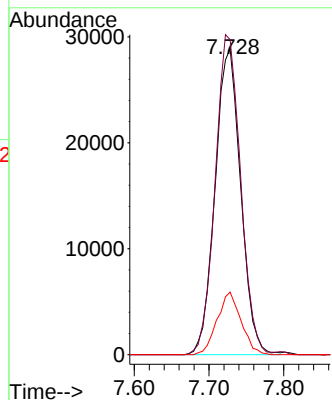
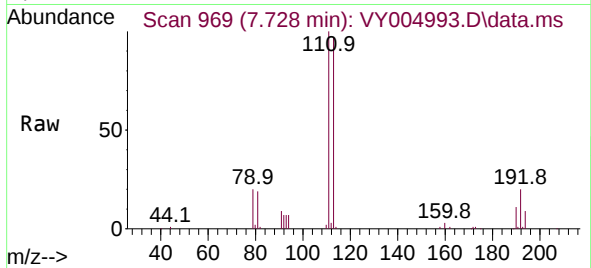




#35
Dibromofluoromethane
Concen: 56.791 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

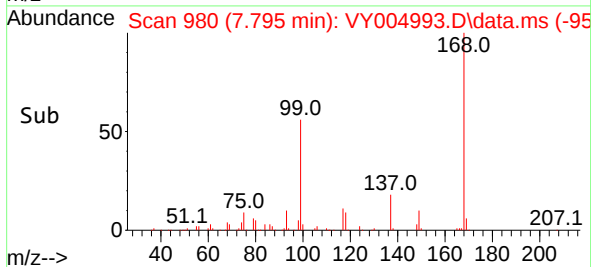
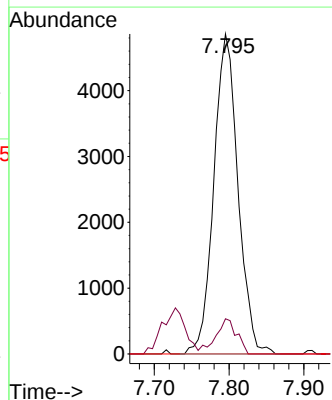
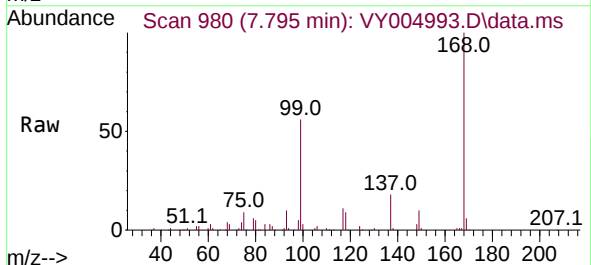
Instrument :
MSVOA_Y
ClientSampled :

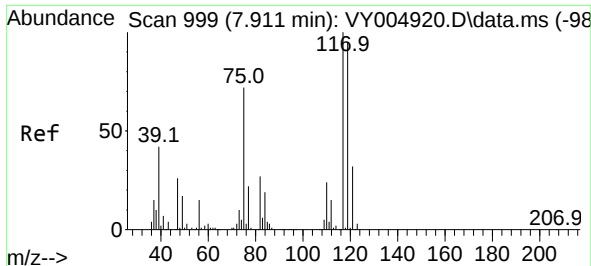
Tgt Ion:	113	Resp:	68801
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	19.1	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.956 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

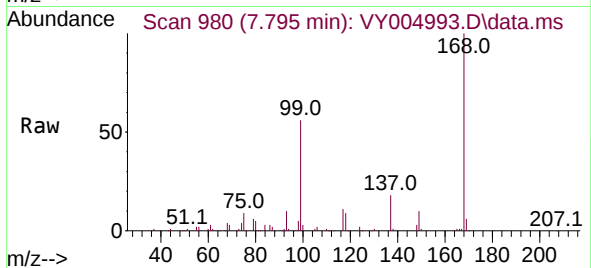
Tgt Ion:	75	Resp:	10921
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.5	52.5#
77	0.0	25.1	37.7#



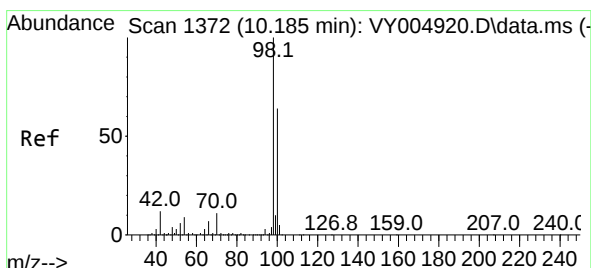
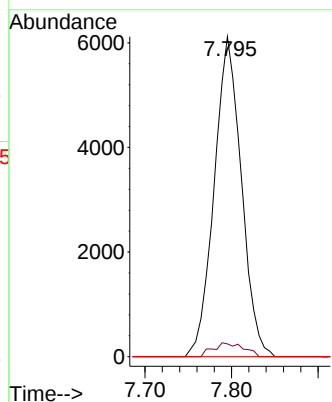
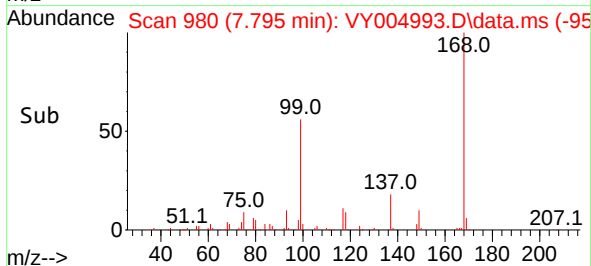


#38
Carbon Tetrachloride
Concen: 6.948 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

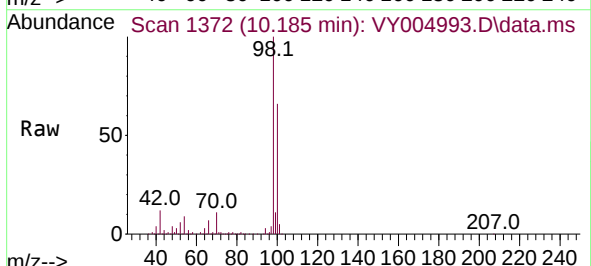
Instrument :
MSVOA_Y
ClientSampled :



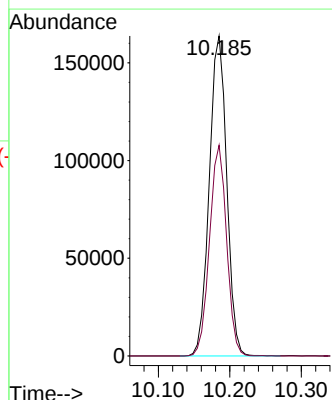
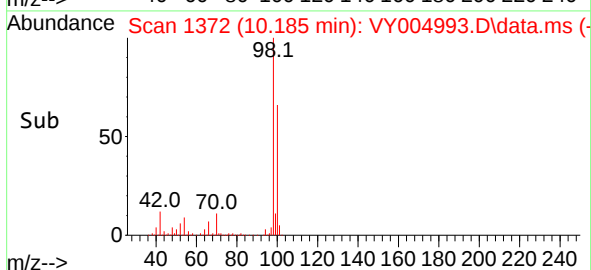
Tgt Ion:117 Resp: 13326
Ion Ratio Lower Upper
117 100
119 4.0 76.1 114.1#
121 0.0 25.5 38.3#

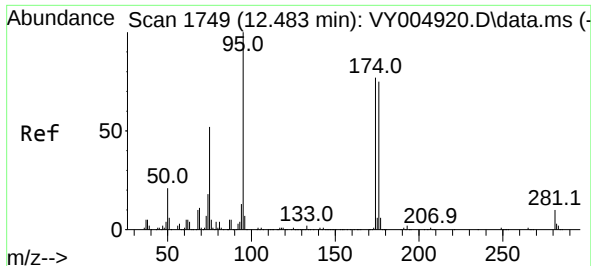


#50
Toluene-d8
Concen: 55.141 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23



Tgt Ion: 98 Resp: 277440
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

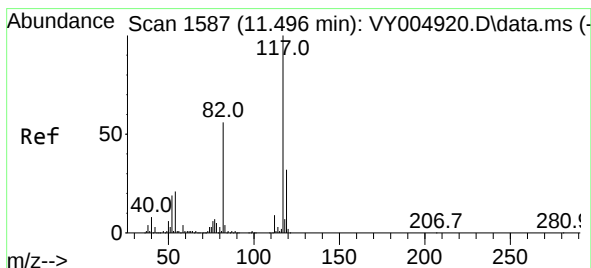
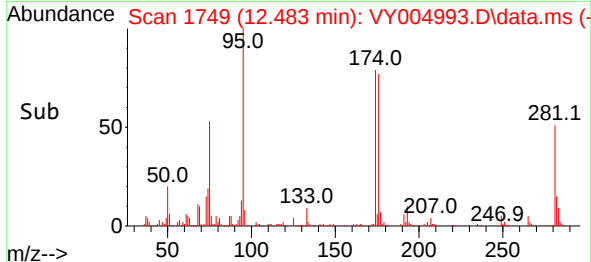
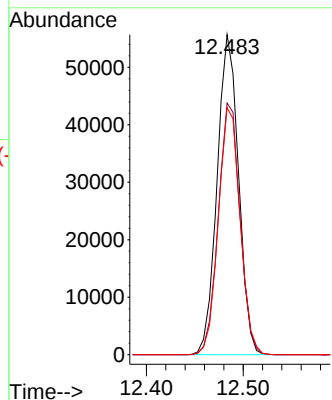
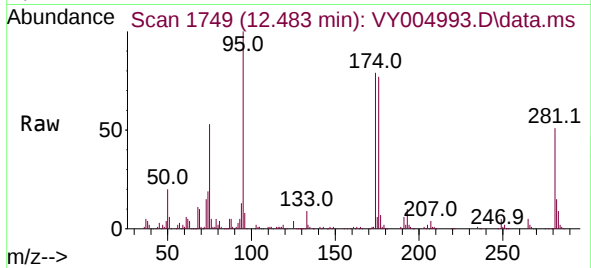




#62
4-Bromofluorobenzene
Concen: 49.380 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

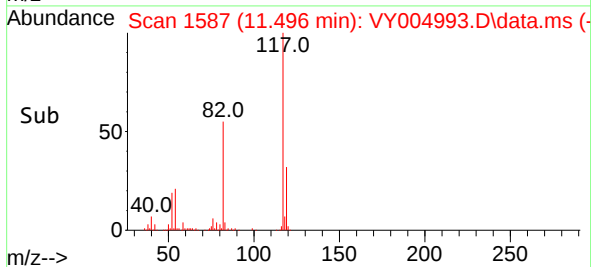
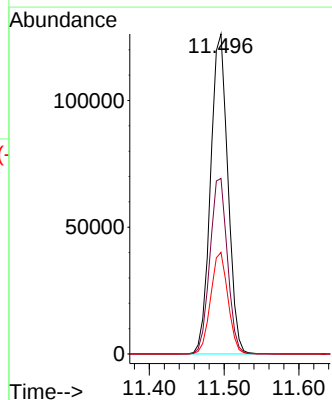
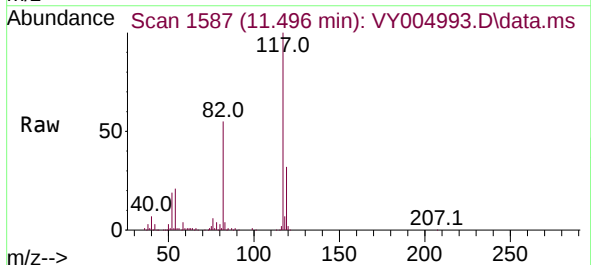
Instrument :
MSVOA_Y
ClientSampleId :

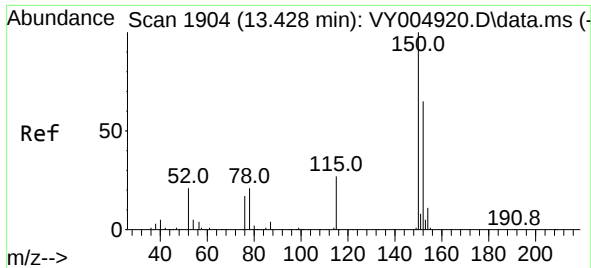
Tgt Ion: 95 Resp: 85448
Ion Ratio Lower Upper
95 100
174 79.6 0.0 160.8
176 78.4 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004993.D
Acq: 07 Jun 2021 15:23

Tgt Ion: 117 Resp: 202994
Ion Ratio Lower Upper
117 100
82 54.9 44.8 67.2
119 31.8 25.2 37.8

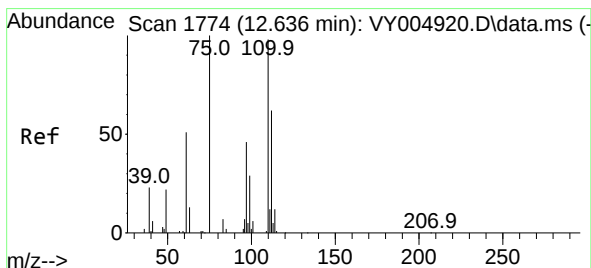
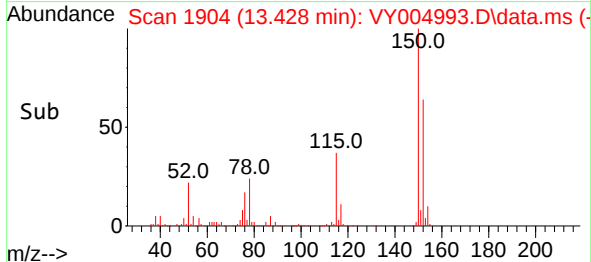
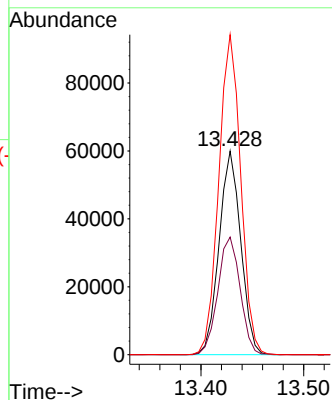
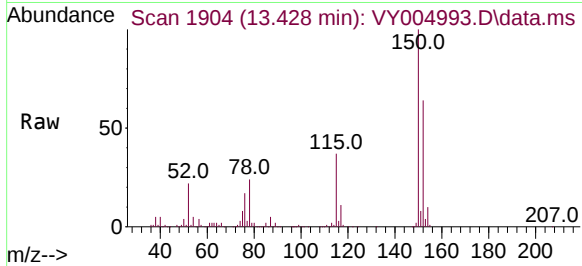




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004993.D
 Acq: 07 Jun 2021 15:23

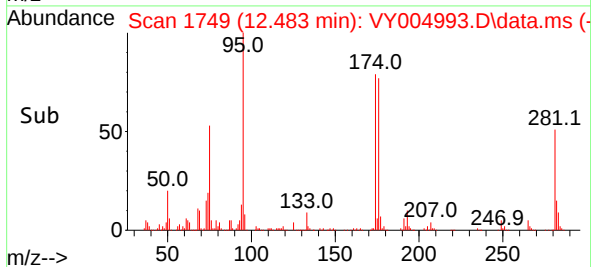
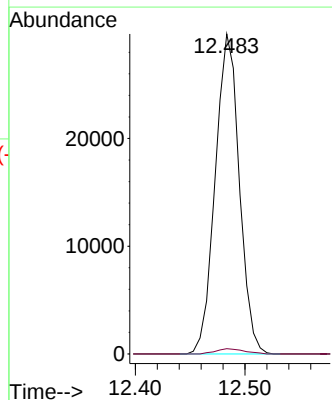
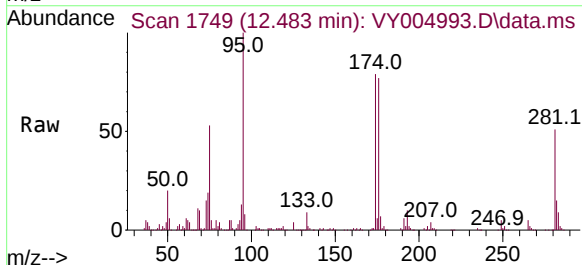
Instrument :
 MSVOA_Y
 ClientSampled :

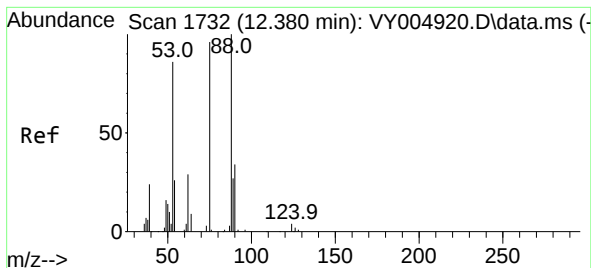
Tgt Ion:152 Resp: 87646
 Ion Ratio Lower Upper
 152 100
 115 59.5 29.9 89.7
 150 159.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 47.190 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004993.D
 Acq: 07 Jun 2021 15:23

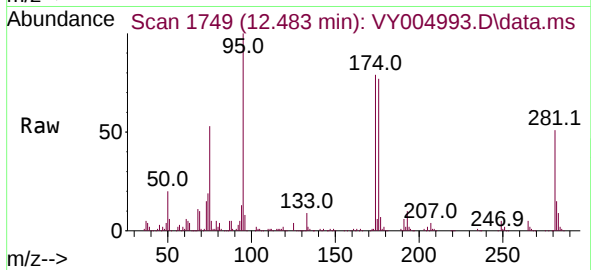
Tgt Ion: 75 Resp: 45339
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.725 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004993.D
 Acq: 07 Jun 2021 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45339
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 1.4 35.0 52.6#

