

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004994.D
 Acq On : 07 Jun 2021 15:46
 Operator : SY/MD
 Sample : M2612-11
 Misc : 8.94G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:09:17 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)

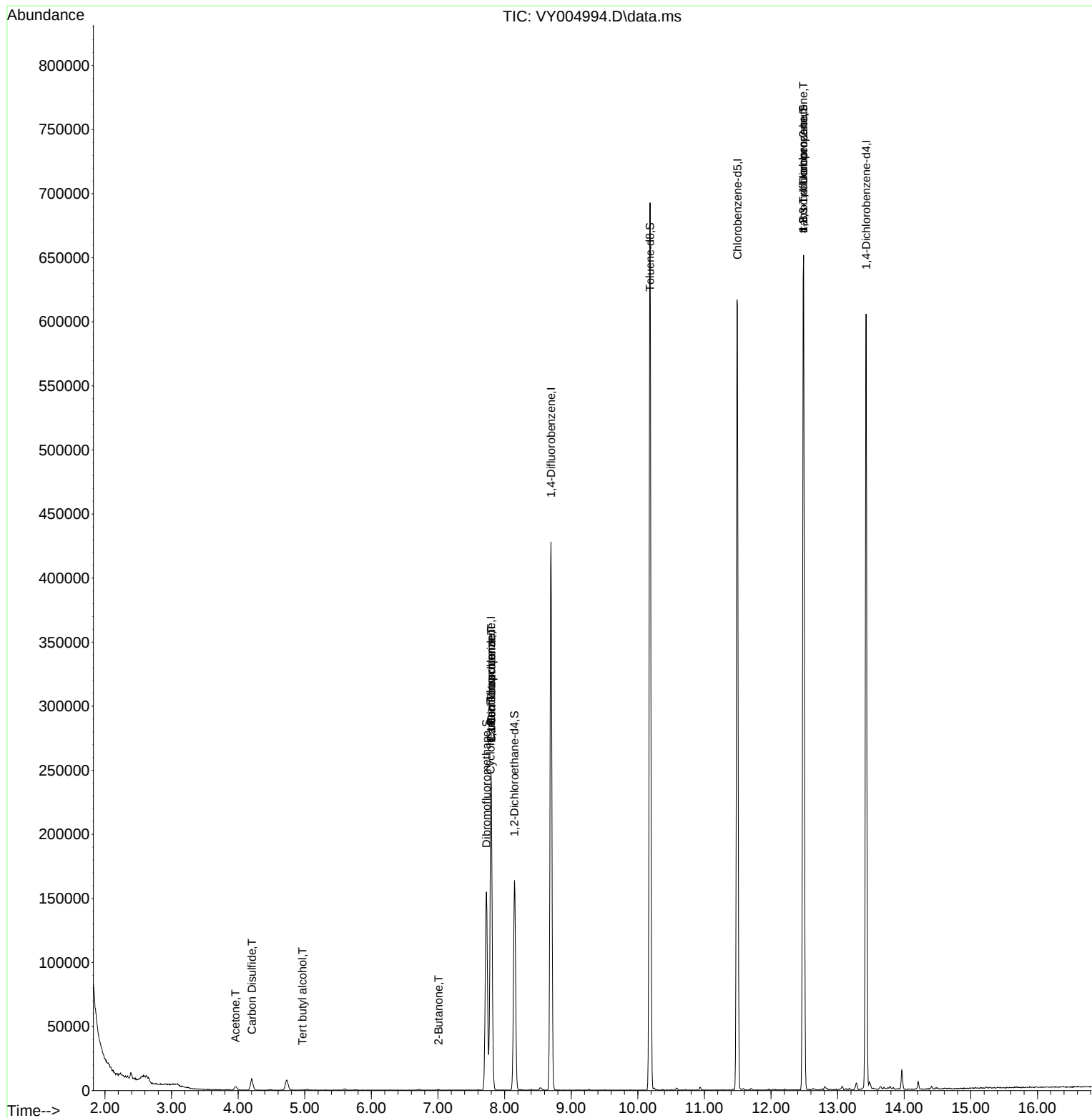
Internal Standards						
1) Pentafluorobenzene	7.795	168	186655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	354799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	341561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	123806	62.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.480%			
35) Dibromofluoromethane	7.728	113	110085	57.671	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.340%			
50) Toluene-d8	10.185	98	444887	56.118	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.240%			
62) 4-Bromofluorobenzene	12.483	95	147236	54.002	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.000%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	263	1.159	ug/l #	74
13) Acrolein	3.741	56	49	Below Cal	#	15
16) Acetone	3.960	43	5106	10.749	ug/l	99
17) Carbon Disulfide	4.204	76	17382	2.947	ug/l	98
20) Methylene Chloride	4.722	84	5948	Below Cal		96
25) 2-Butanone	7.009	43	1079	1.351	ug/l	97
31) Cyclohexane	7.789	56	4356	1.254	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15374	4.428	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19111	6.324	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	78859	49.013	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	78859	90.076	ug/l #	16

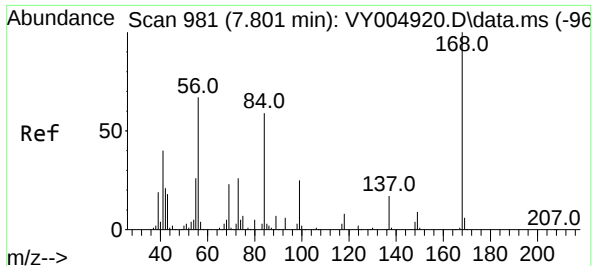
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

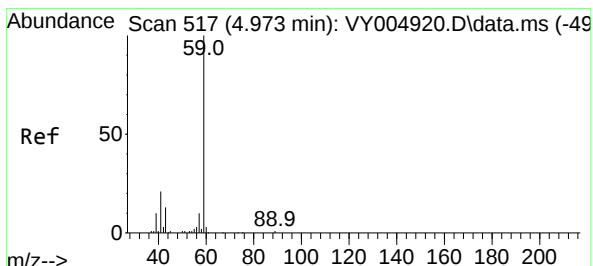
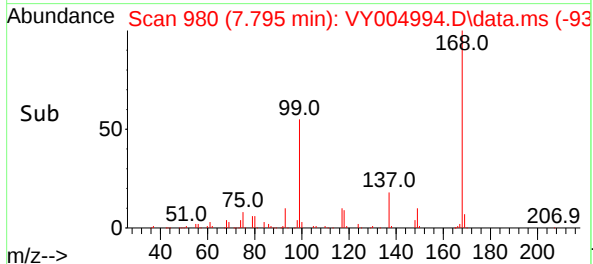
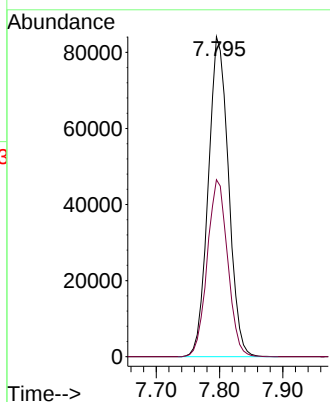
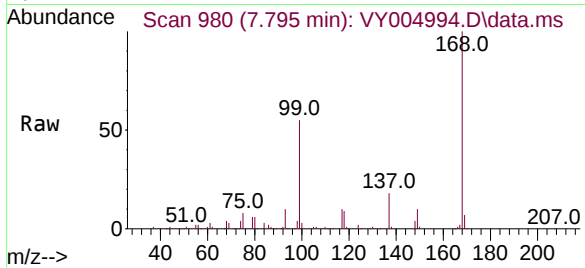




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

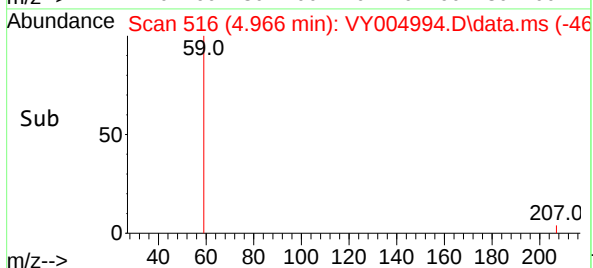
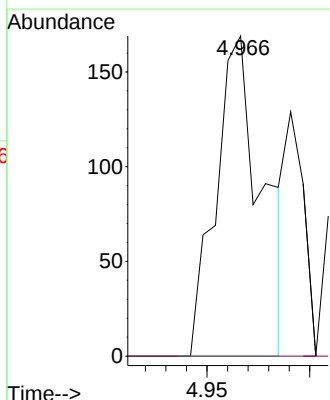
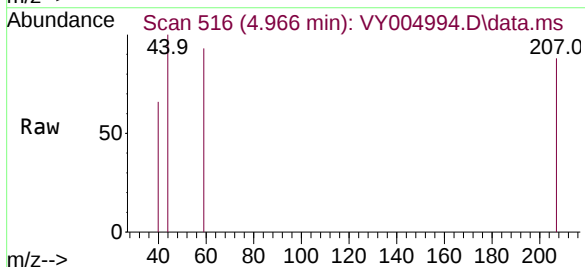
Instrument :
MSVOA_Y
ClientSampled :

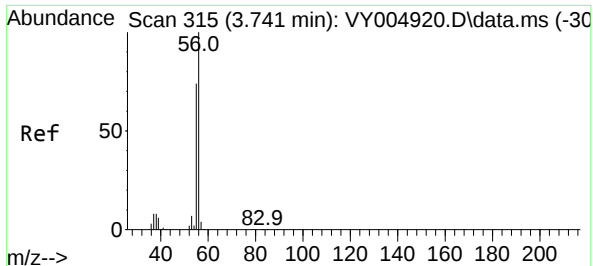
Tgt Ion:168 Resp: 186655
Ion Ratio Lower Upper
168 100
99 55.3 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.159 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

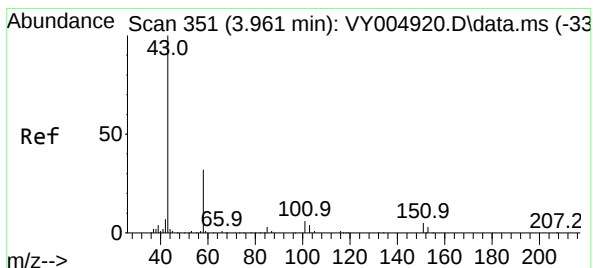
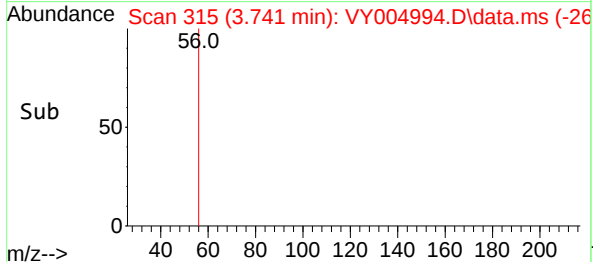
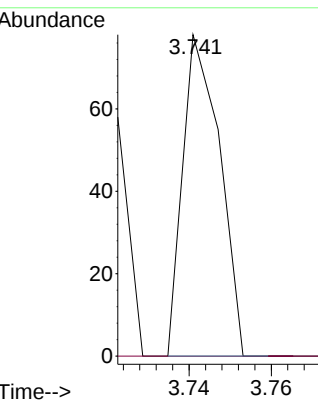
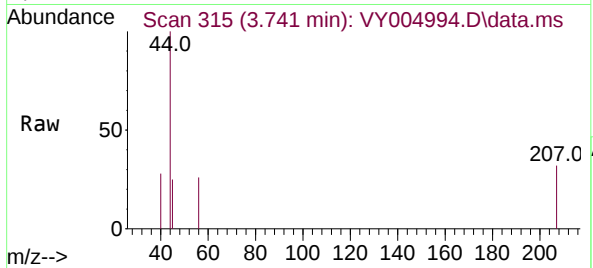




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

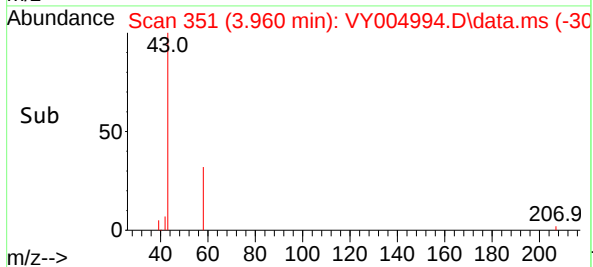
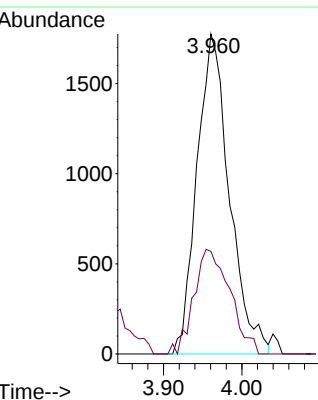
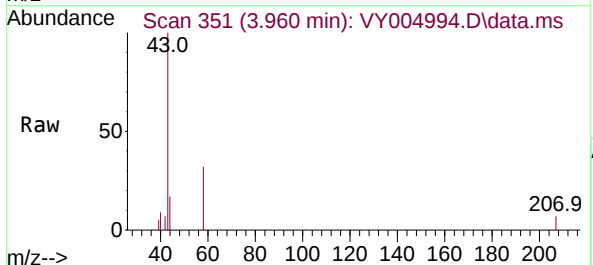
Instrument :
MSVOA_Y
ClientSampled :

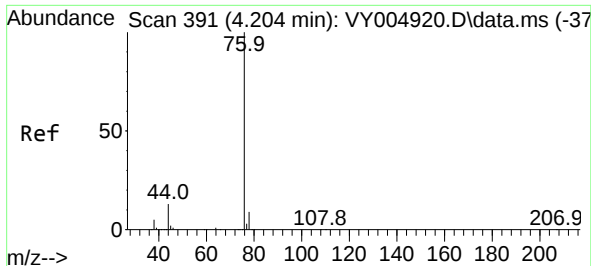
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 10.749 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

Tgt Ion: 43 Resp: 5106
Ion Ratio Lower Upper
43 100
58 32.1 25.3 37.9

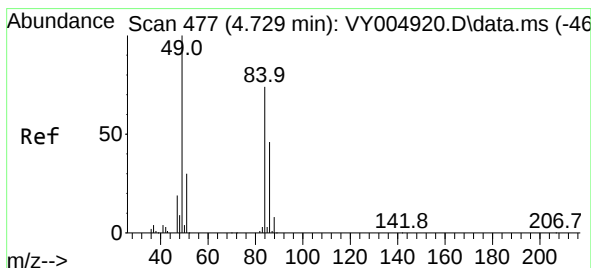
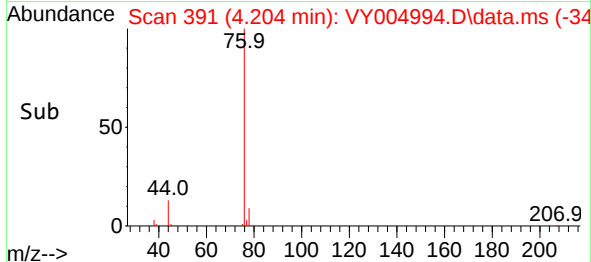
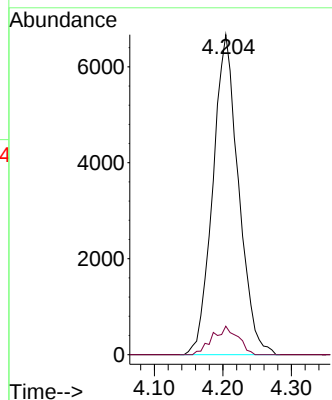
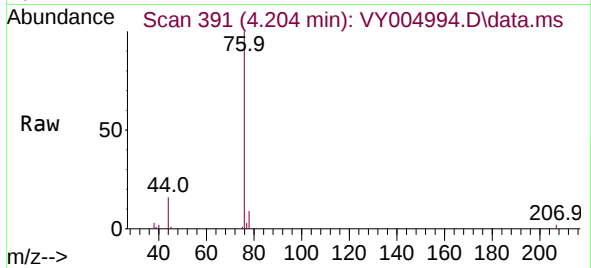




#17
Carbon Disulfide
Concen: 2.947 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

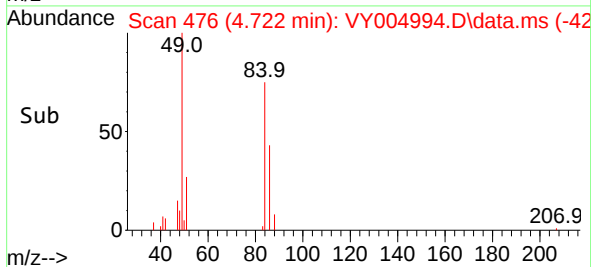
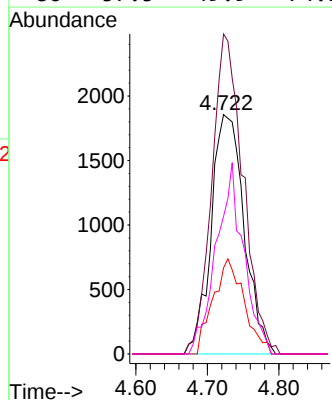
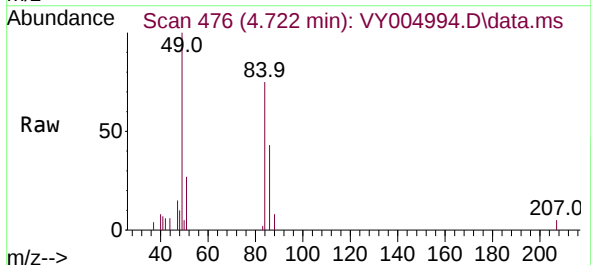
Instrument :
MSVOA_Y
ClientSampled :

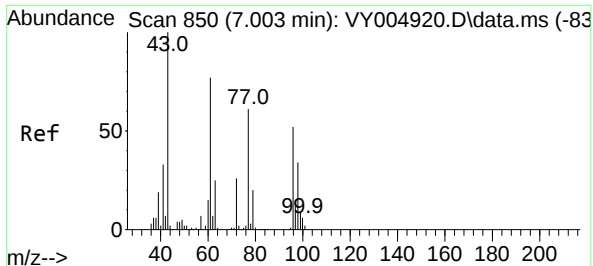
Tgt Ion: 76 Resp: 17382
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

Tgt Ion: 84 Resp: 5948
Ion Ratio Lower Upper
84 100
49 133.7 108.0 162.0
51 36.0 32.6 48.8
86 57.5 49.9 74.9





#25

2-Butanone

Concen: 1.351 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY004994.D

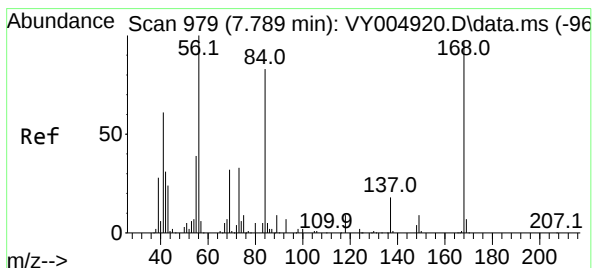
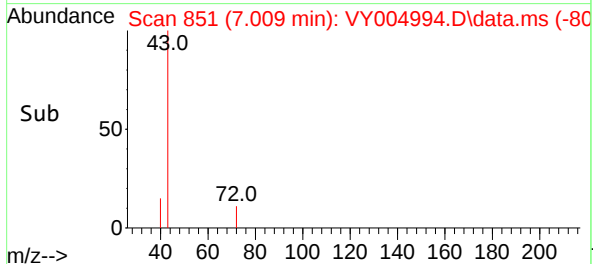
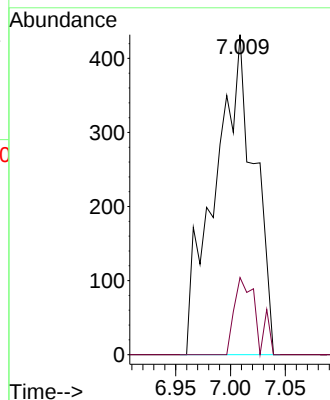
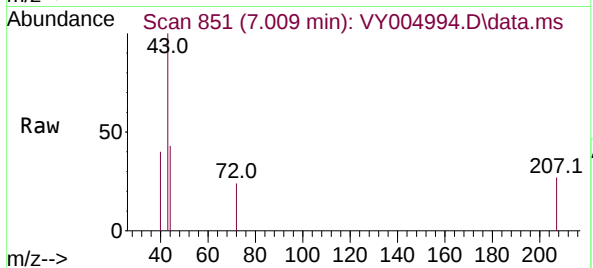
Acq: 07 Jun 2021 15:46

Tgt Ion: 43 Resp: 1079

Ion Ratio Lower Upper

43 100

72 24.1 20.6 31.0



#31

Cyclohexane

Concen: 1.254 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY004994.D

Acq: 07 Jun 2021 15:46

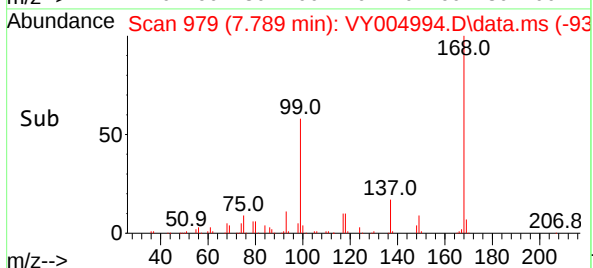
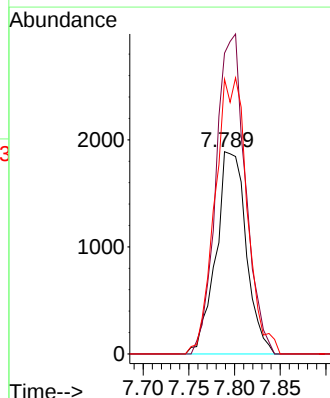
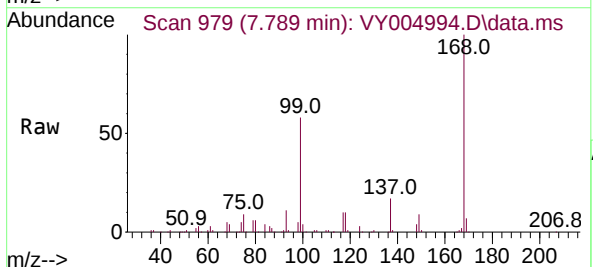
Tgt Ion: 56 Resp: 4356

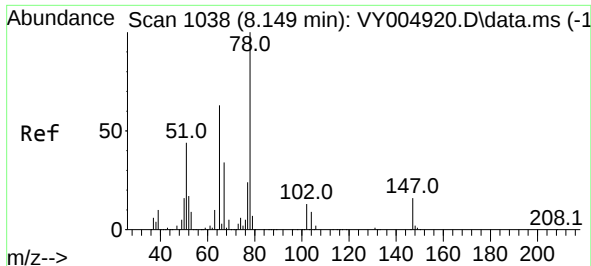
Ion Ratio Lower Upper

56 100

69 148.7 25.3 37.9#

84 135.8 66.2 99.4#

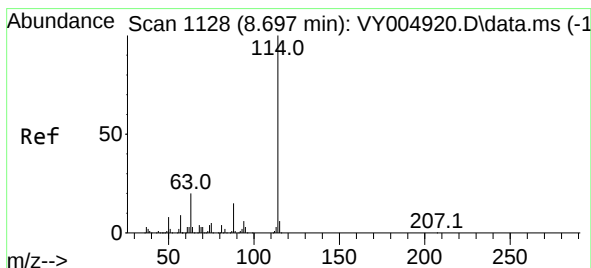
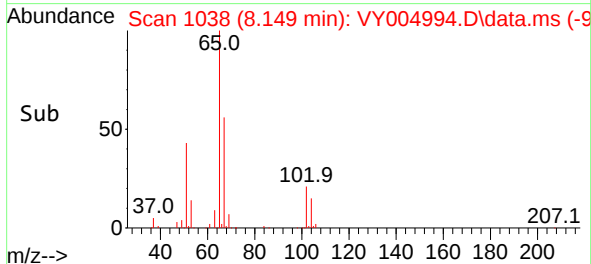
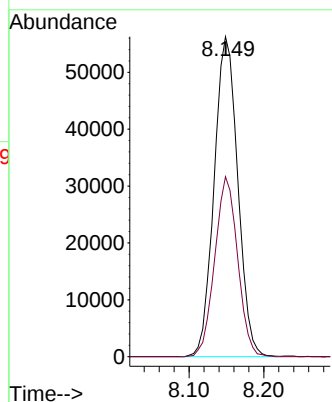
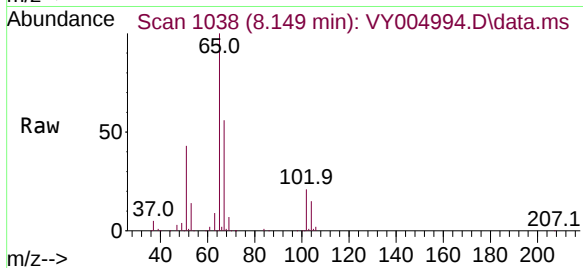




#33
 1,2-Dichloroethane-d4
 Concen: 62.741 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004994.D
 Acq: 07 Jun 2021 15:46

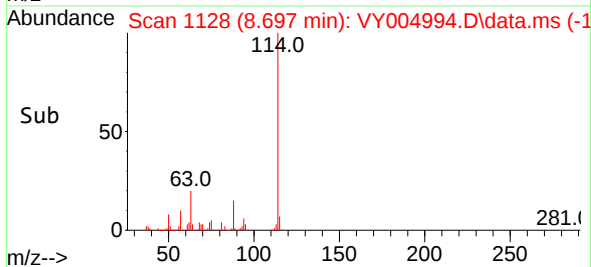
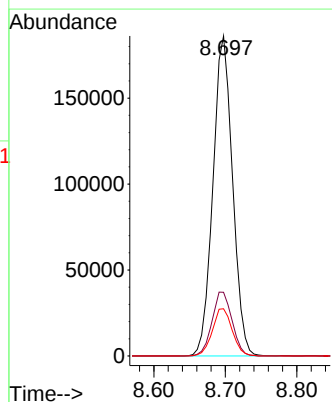
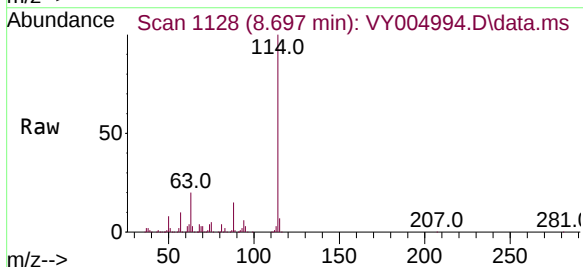
Instrument :
 MSVOA_Y
 ClientSampleId :

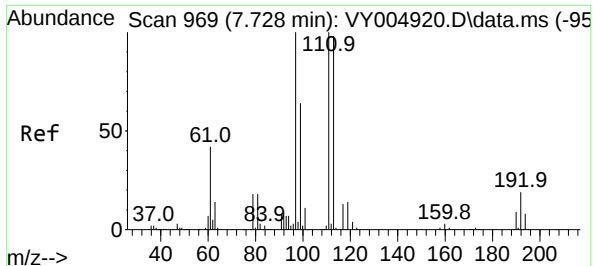
Tgt Ion: 65 Resp: 123806
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004994.D
 Acq: 07 Jun 2021 15:46

Tgt Ion:114 Resp: 354799
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 14.7 0.0 30.6

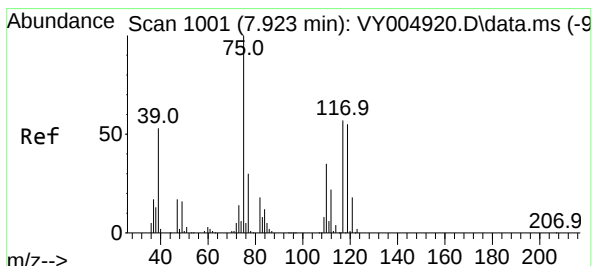
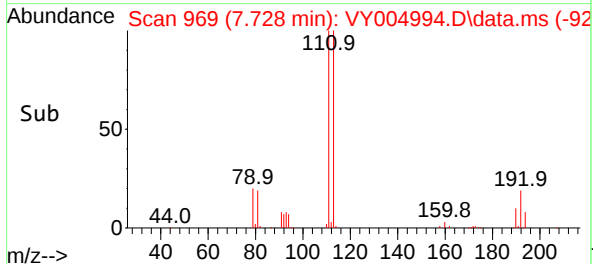
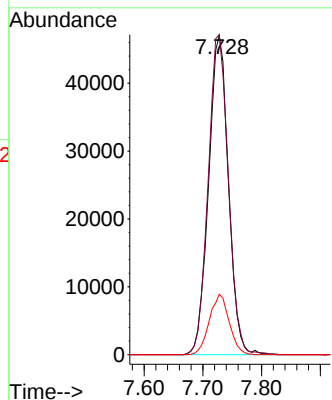
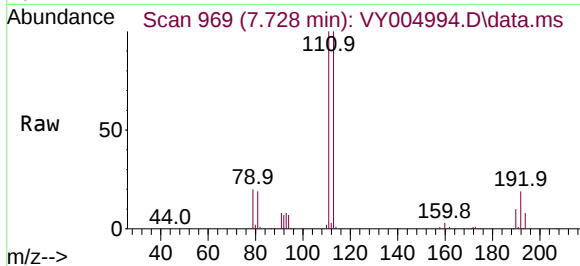




#35
Dibromofluoromethane
Concen: 57.671 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

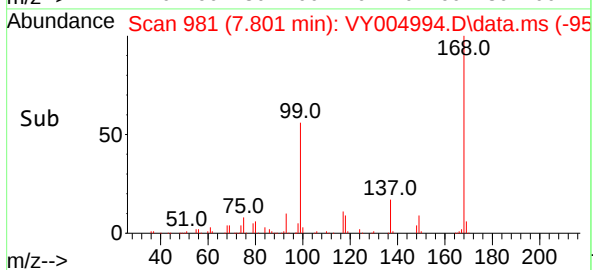
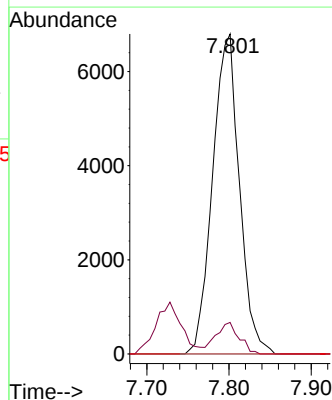
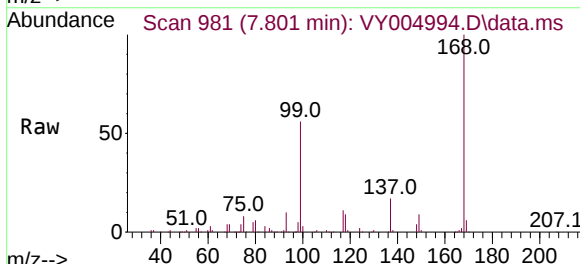
Instrument :
MSVOA_Y
ClientSampleId :

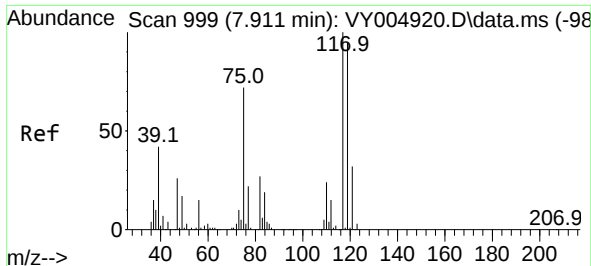
Tgt Ion:	113	Resp:	110085
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	19.0	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.428 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

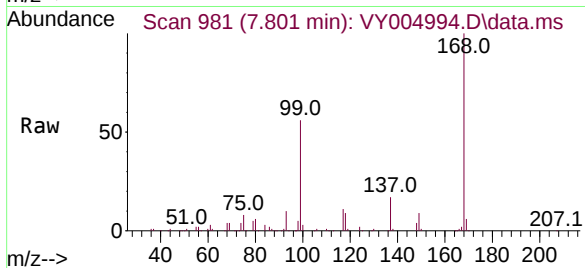
Tgt Ion:	75	Resp:	15374
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.5#
77	0.0	25.1	37.7#



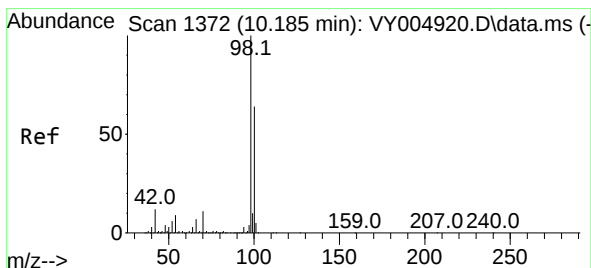
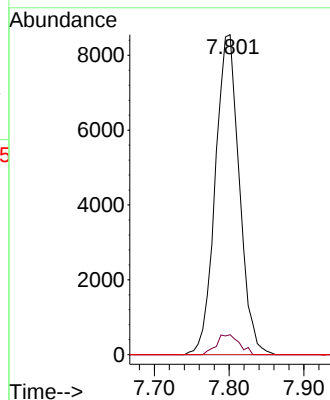
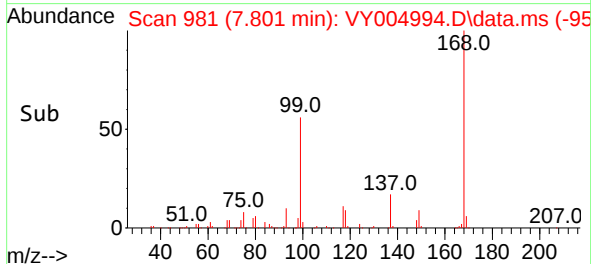


#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

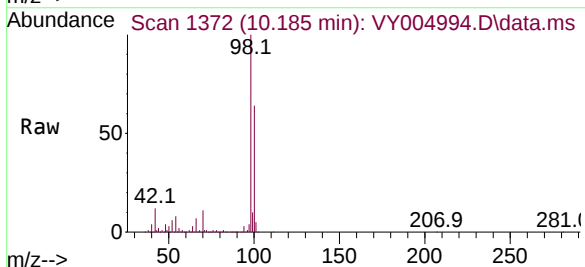
Instrument :
MSVOA_Y
ClientSampled :



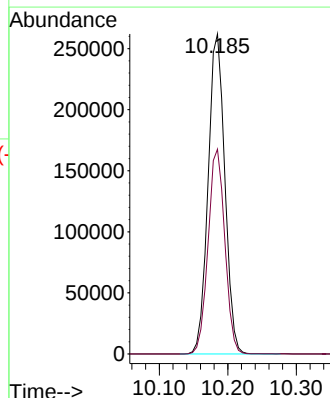
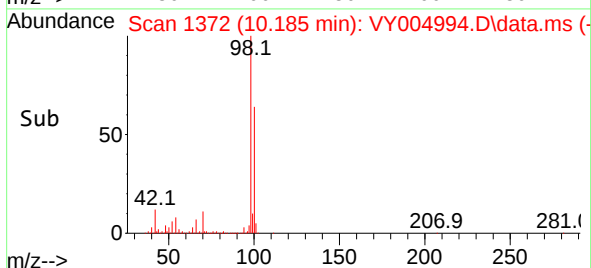
Tgt Ion:117 Resp: 19111
Ion Ratio Lower Upper
117 100
119 6.2 76.1 114.1#
121 0.0 25.5 38.3#

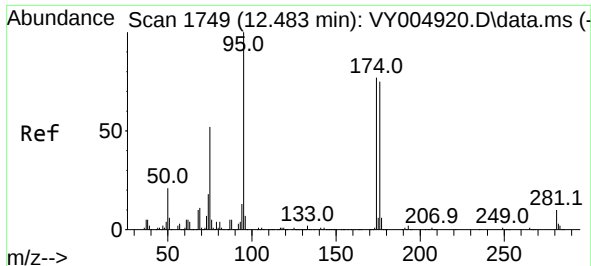


#50
Toluene-d8
Concen: 56.118 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46



Tgt Ion: 98 Resp: 444887
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

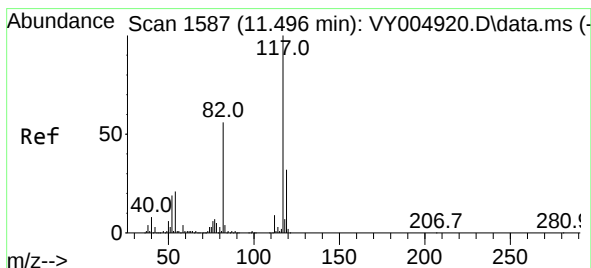
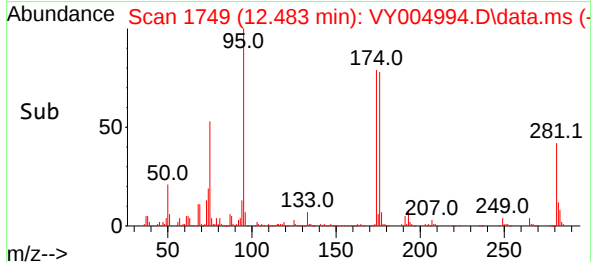
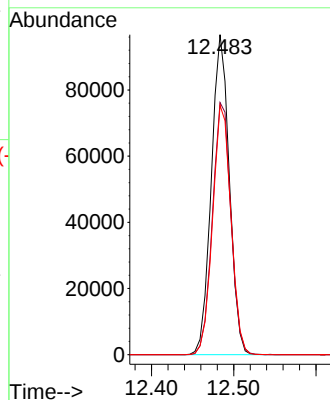
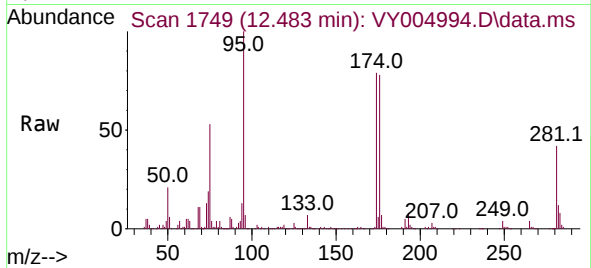




#62
4-Bromofluorobenzene
Concen: 54.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

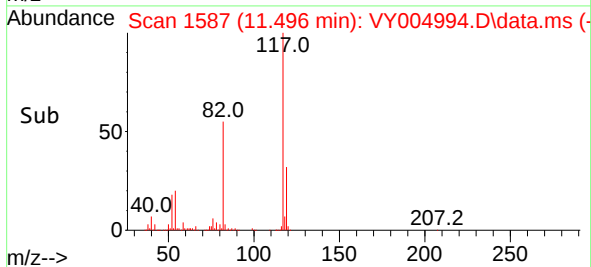
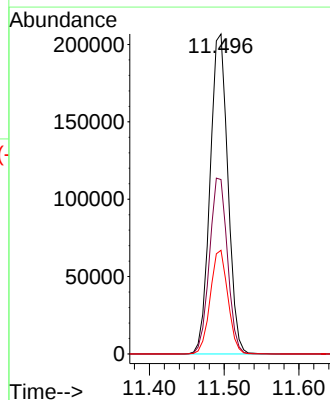
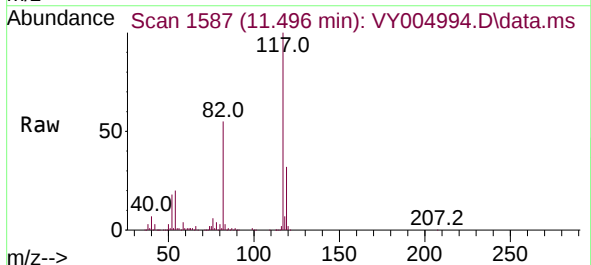
Instrument :
MSVOA_Y
ClientSampled :

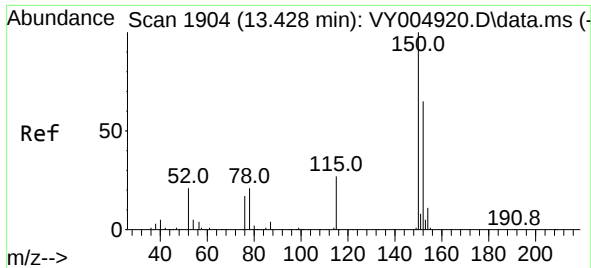
Tgt Ion: 95 Resp: 147236
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.8
176 79.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004994.D
Acq: 07 Jun 2021 15:46

Tgt Ion: 117 Resp: 341561
Ion Ratio Lower Upper
117 100
82 54.5 44.8 67.2
119 32.4 25.2 37.8

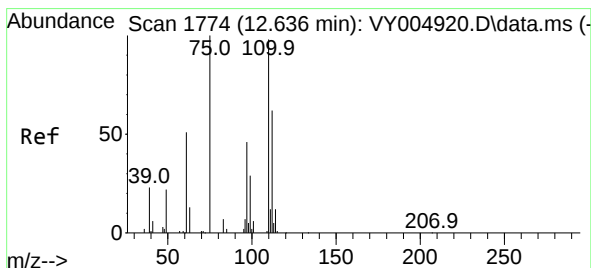
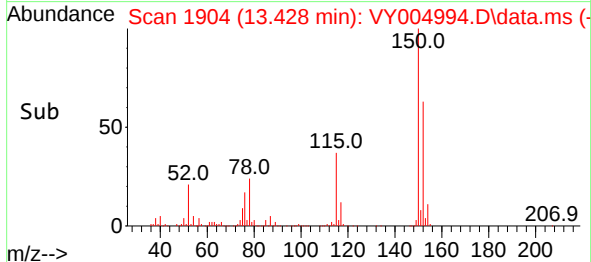
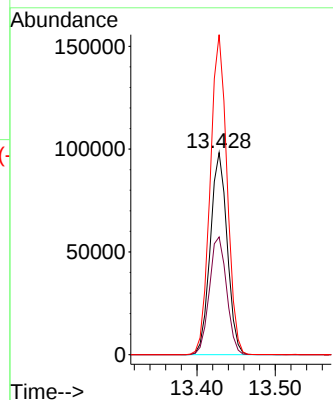
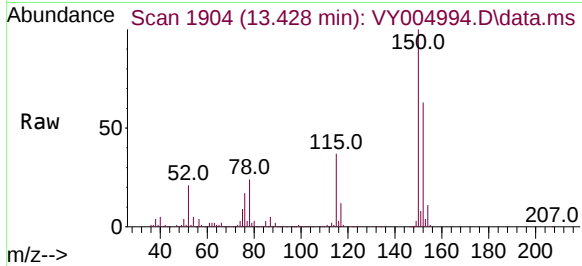




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004994.D
 Acq: 07 Jun 2021 15:46

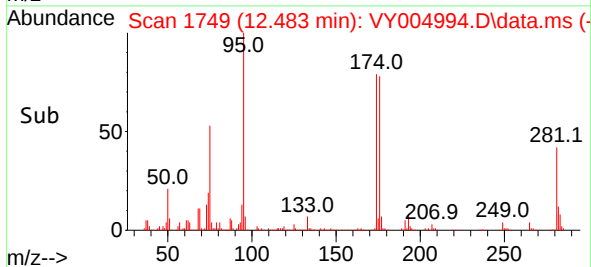
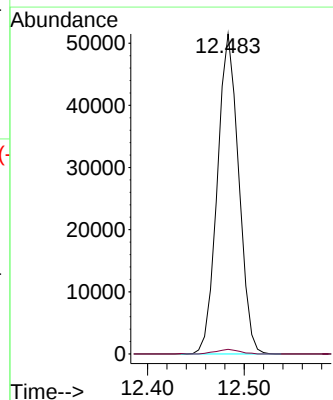
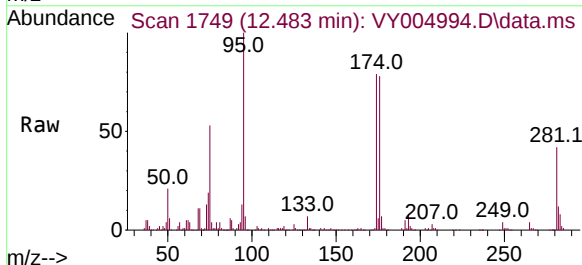
Instrument :
 MSVOA_Y
 ClientSampled :

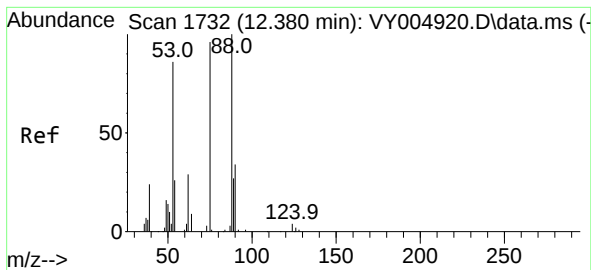
Tgt Ion:152 Resp: 146774
 Ion Ratio Lower Upper
 152 100
 115 59.7 29.9 89.7
 150 158.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 49.013 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004994.D
 Acq: 07 Jun 2021 15:46

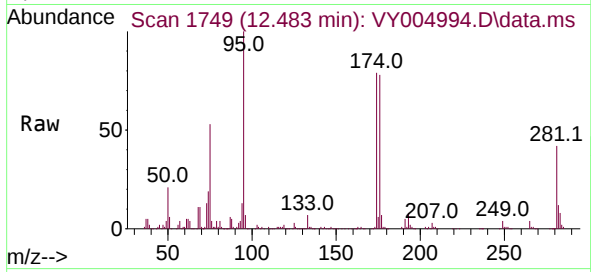
Tgt Ion: 75 Resp: 78859
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.076 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004994.D
 Acq: 07 Jun 2021 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.3	103.9#
89	1.5	35.0	52.6#

