

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004990.D
 Acq On : 07 Jun 2021 14:13
 Operator : SY/MD
 Sample : M2613-12
 Misc : 8.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:08:45 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)

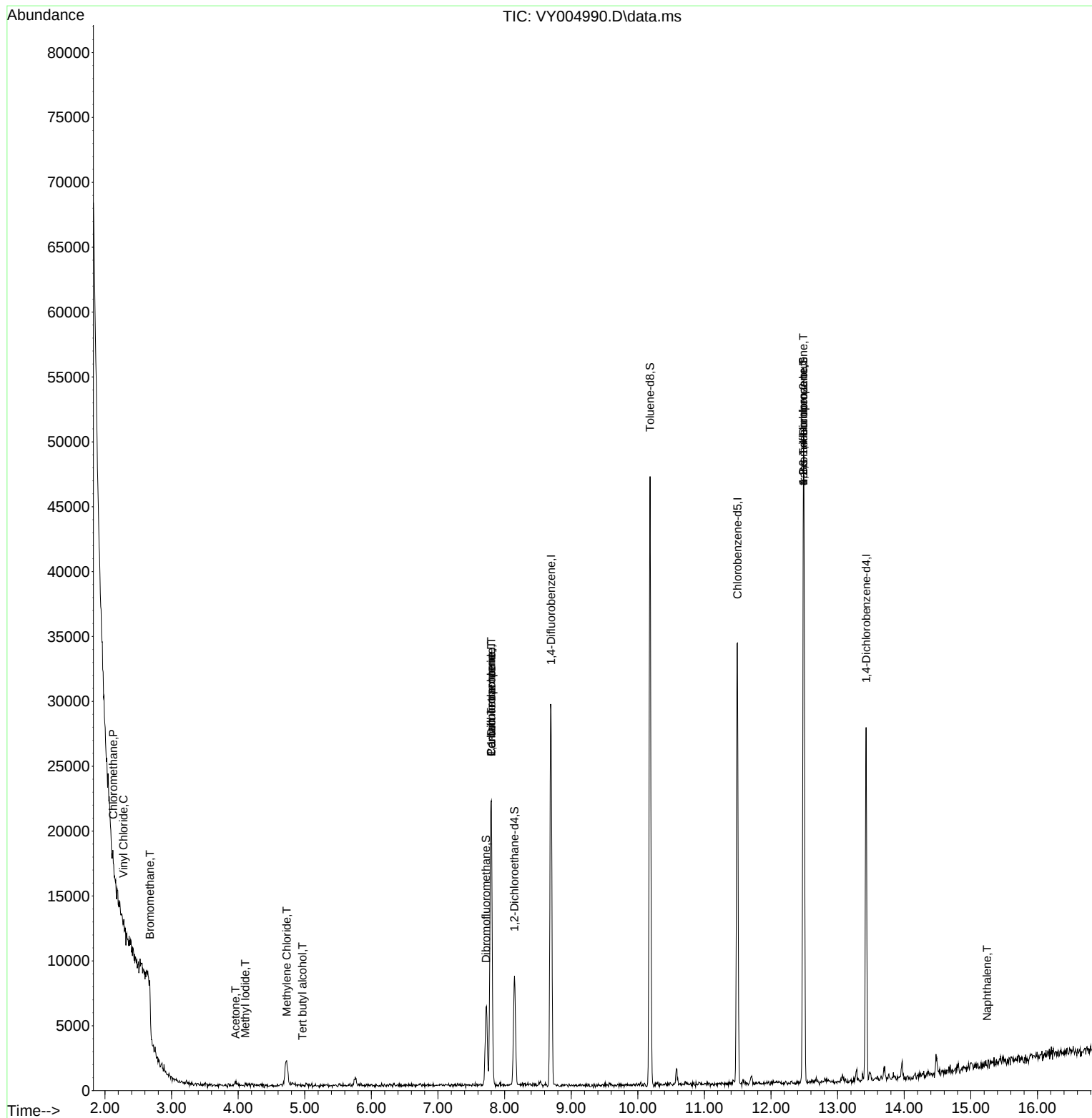
Internal Standards						
1) Pentafluorobenzene	7.801	168	18003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	25092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6655	34.967	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.940%		
35) Dibromofluoromethane	7.722	113	4434	32.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	65.680%		
50) Toluene-d8	10.185	98	29812	53.173	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.340%		
62) 4-Bromofluorobenzene	12.483	95	6310	32.724	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	65.440%		
Target Compounds						Qvalue
3) Chloromethane	2.125	50	282	1.263	ug/l #	87
4) Vinyl Chloride	2.278	62	244	1.136	ug/l #	43
5) Bromomethane	2.674	94	192	1.577	ug/l #	56
10) Methyl Iodide	4.107	142	180	1.018	ug/l #	41
11) Tert butyl alcohol	4.966	59	26	1.188	ug/l #	74
16) Acetone	3.960	43	539	11.765	ug/l #	43
20) Methylene Chloride	4.729	84	1647	1.748	ug/l #	75
36) 1,1-Dichloropropene	7.801	75	1674	6.817	ug/l #	43
38) Carbon Tetrachloride	7.801	117	1766	8.263	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3677	49.768	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3677	91.462	ug/l #	17
95) Naphthalene	15.245	128	314	1.189	ug/l #	69

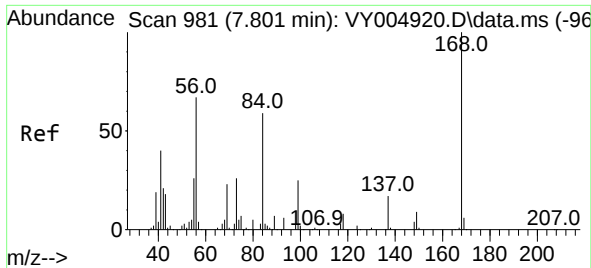
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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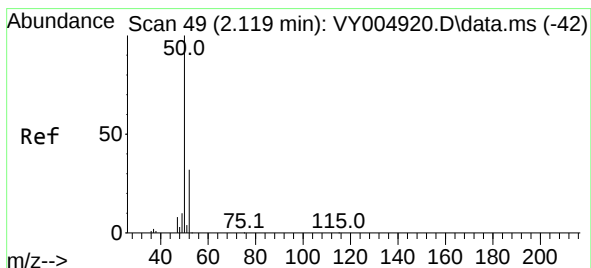
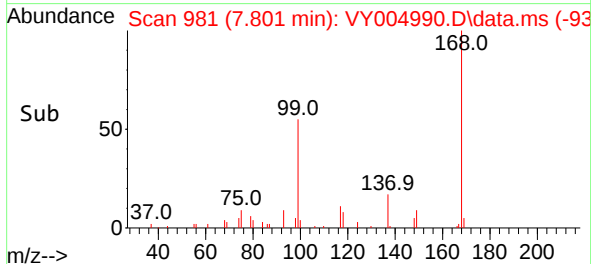
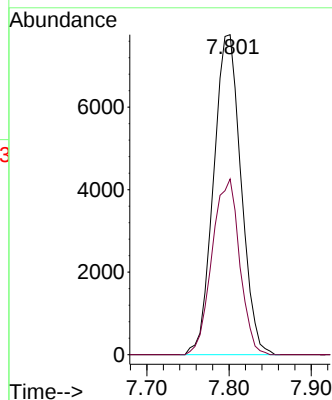
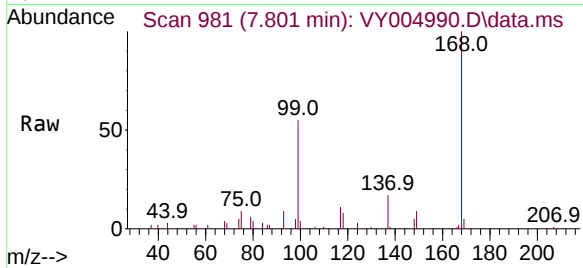




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

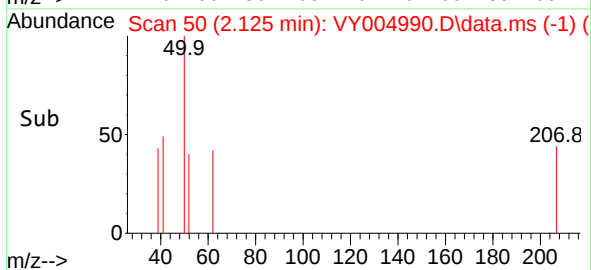
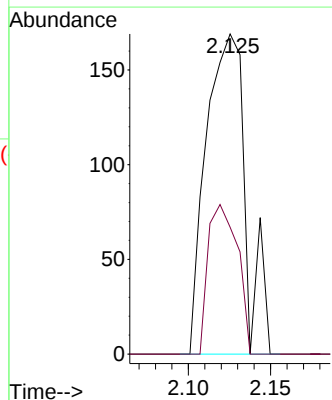
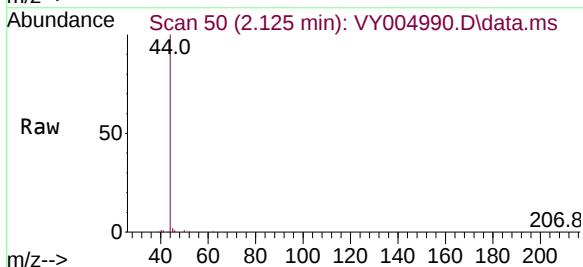
Instrument :
MSVOA_Y
ClientSampled :

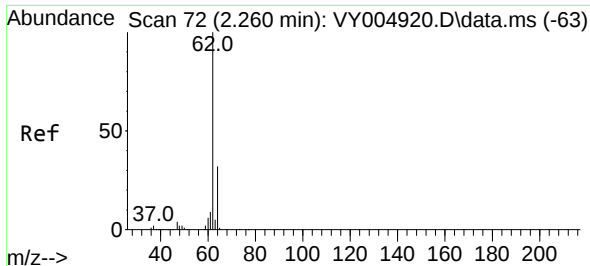
Tgt Ion:168 Resp: 18003
Ion Ratio Lower Upper
168 100
99 54.9 43.9 65.9



#3
Chloromethane
Concen: 1.263 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

Tgt Ion: 50 Resp: 282
Ion Ratio Lower Upper
50 100
52 39.6 25.9 38.9#

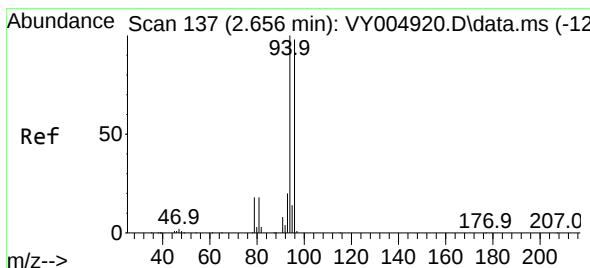
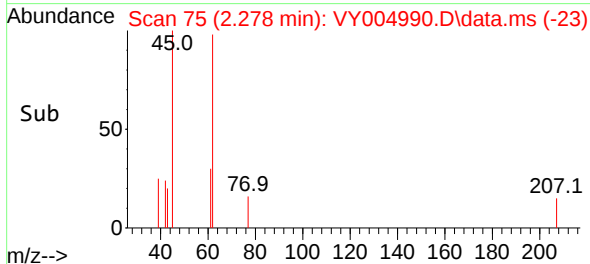
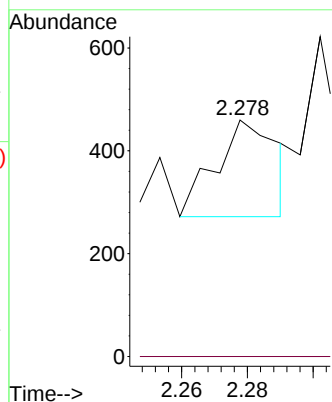
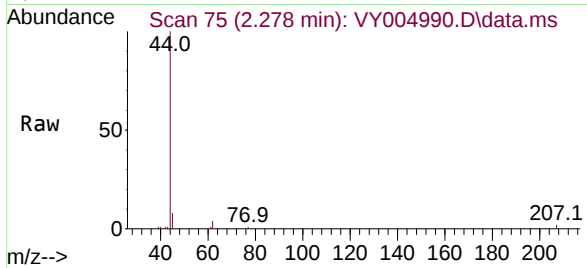




#4
 Vinyl Chloride
 Concen: 1.136 ug/l
 RT: 2.278 min Scan# 75
 Delta R.T. 0.018 min
 Lab File: VY004990.D
 Acq: 07 Jun 2021 14:13

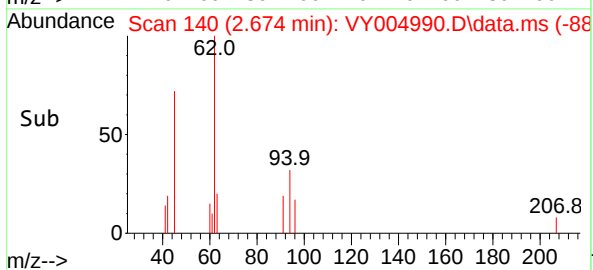
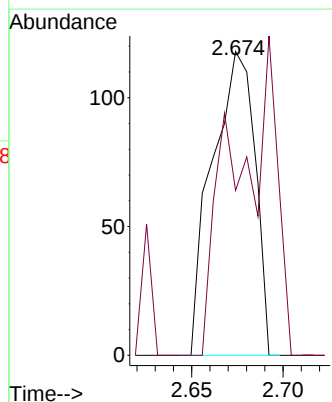
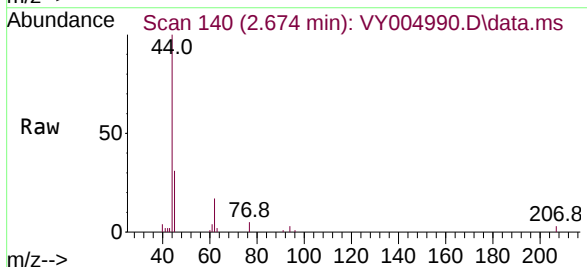
Instrument :
 MSVOA_Y
 ClientSampled :

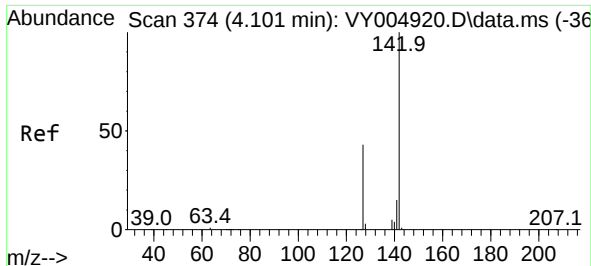
Tgt Ion: 62 Resp: 244
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 1.577 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY004990.D
 Acq: 07 Jun 2021 14:13

Tgt Ion: 94 Resp: 192
 Ion Ratio Lower Upper
 94 100
 96 54.2 78.4 117.6#





#10

Methyl Iodide

Concen: 1.018 ug/l

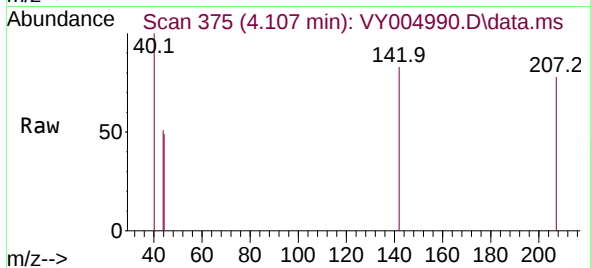
RT: 4.107 min Scan# 375

Delta R.T. 0.006 min

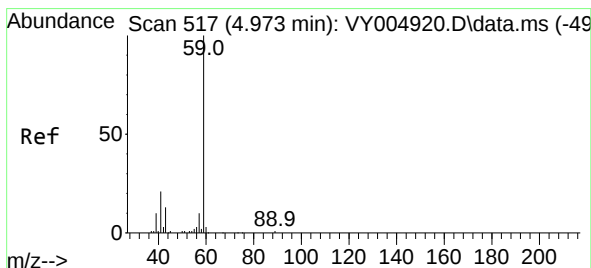
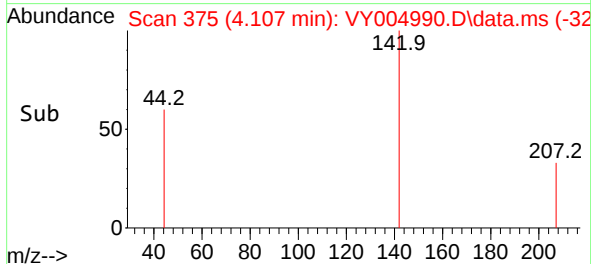
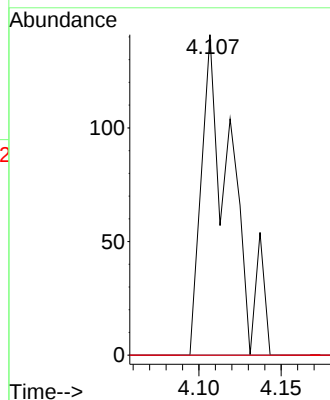
Lab File: VY004990.D

Acq: 07 Jun 2021 14:13

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	142	Resp:	180
Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	0.0	11.5	17.3#



#11

Tert butyl alcohol

Concen: 1.188 ug/l

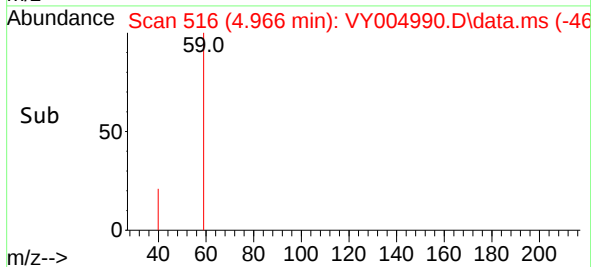
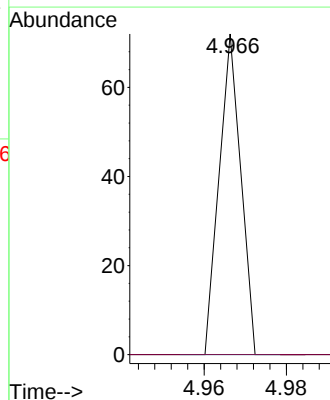
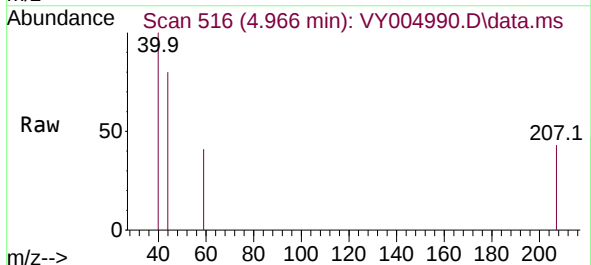
RT: 4.966 min Scan# 516

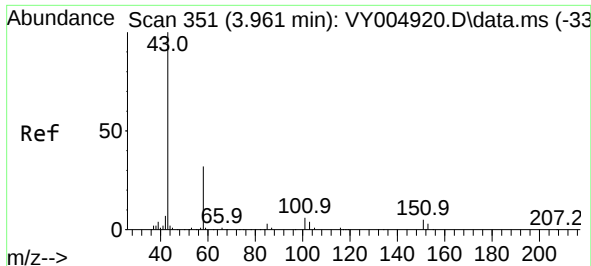
Delta R.T. -0.007 min

Lab File: VY004990.D

Acq: 07 Jun 2021 14:13

Tgt Ion:	59	Resp:	26
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

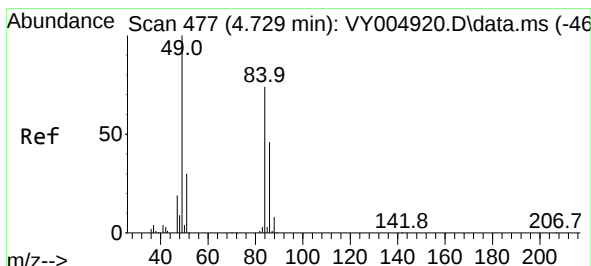
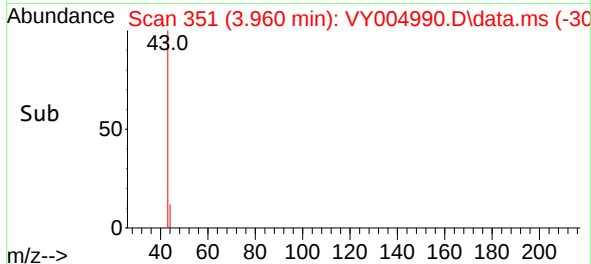
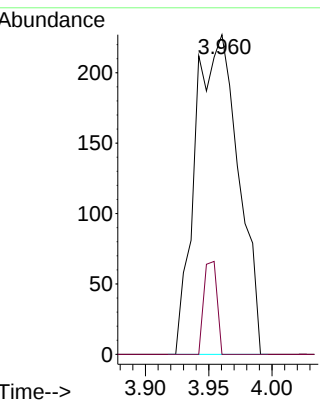
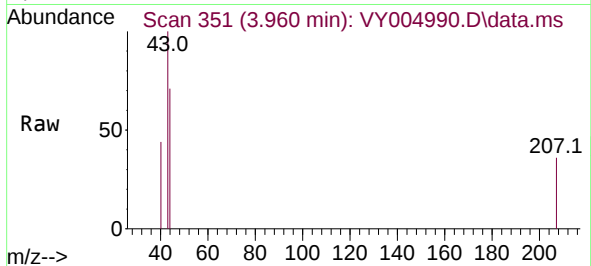




#16
Acetone
Concen: 11.765 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

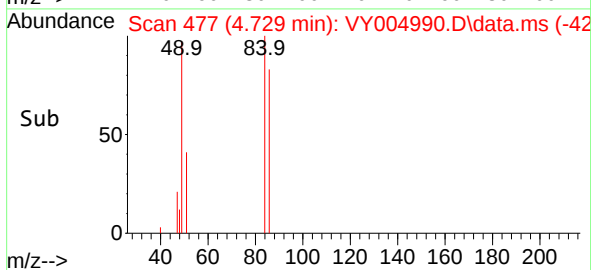
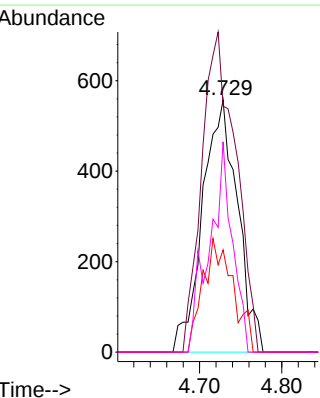
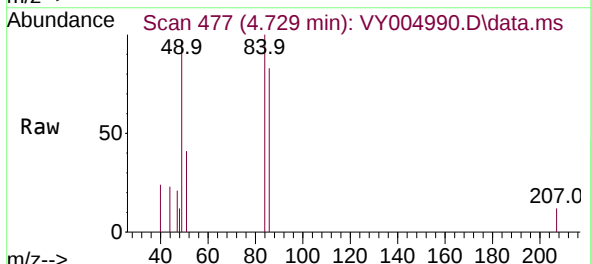
Instrument :
MSVOA_Y
ClientSampled :

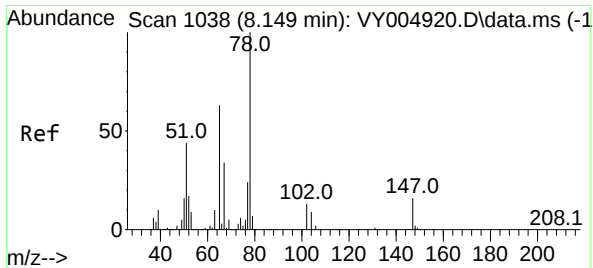
Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#



#20
Methylene Chloride
Concen: 1.748 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

Tgt Ion: 84 Resp: 1647
Ion Ratio Lower Upper
84 100
49 97.5 108.0 162.0#
51 40.5 32.6 48.8
86 83.3 49.9 74.9#

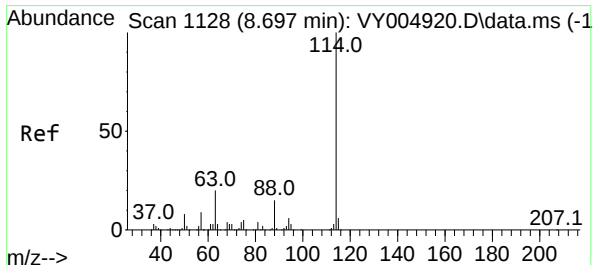
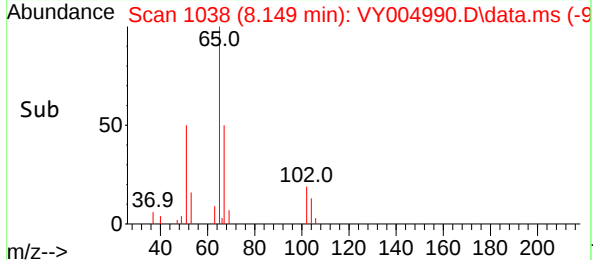
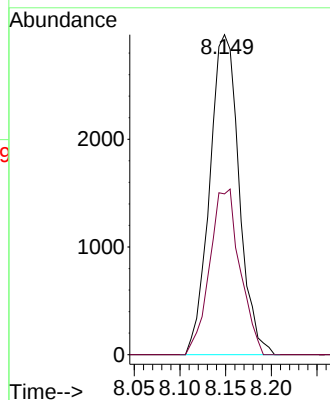
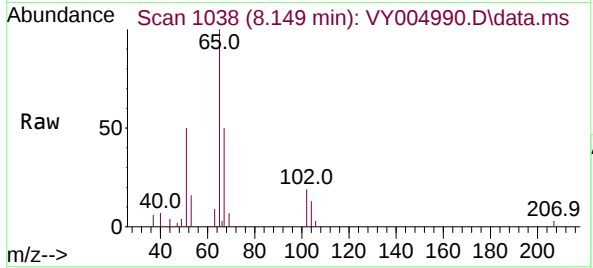




#33
 1,2-Dichloroethane-d4
 Concen: 34.967 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004990.D
 Acq: 07 Jun 2021 14:13

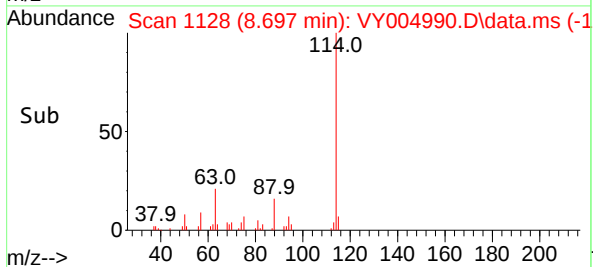
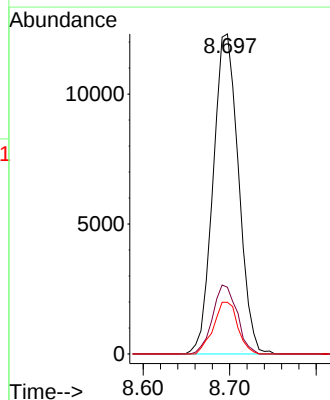
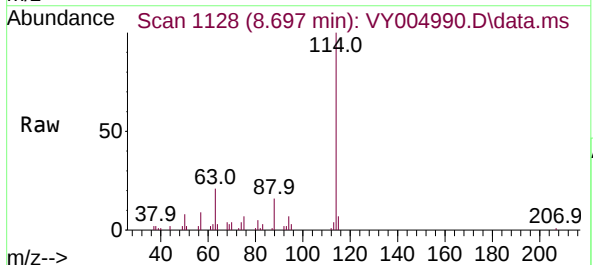
Instrument :
 MSVOA_Y
 ClientSampled :

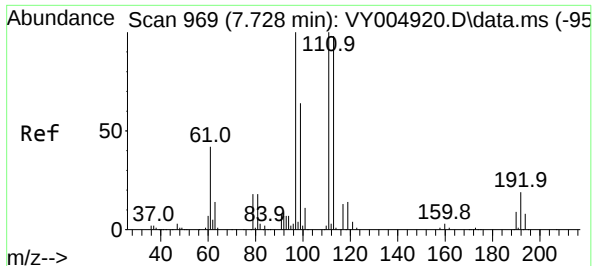
Tgt Ion: 65 Resp: 6655
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004990.D
 Acq: 07 Jun 2021 14:13

Tgt Ion: 114 Resp: 25092
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.0
 88 16.1 0.0 30.6

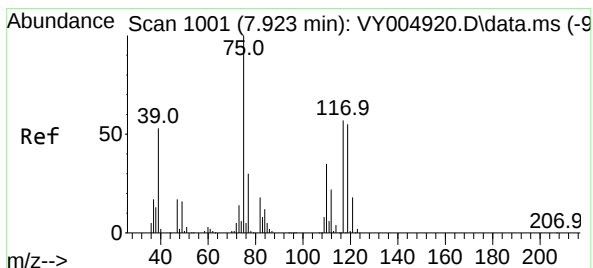
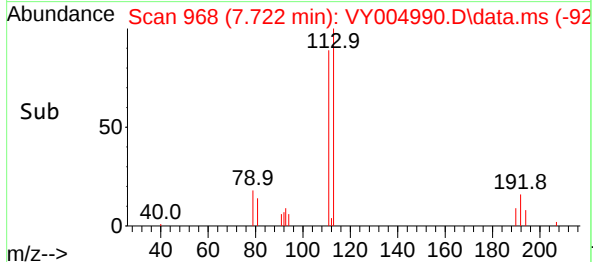
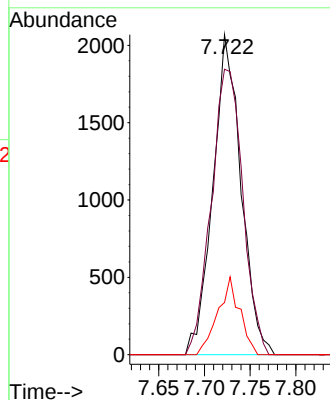
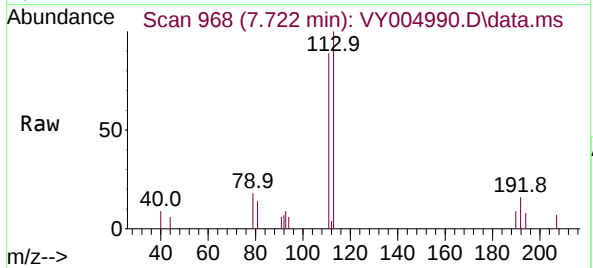




#35
Dibromofluoromethane
Concen: 32.845 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

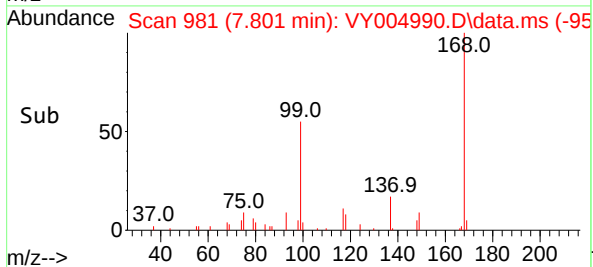
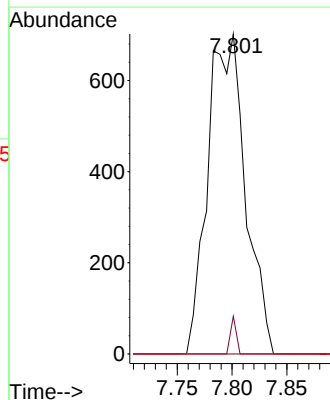
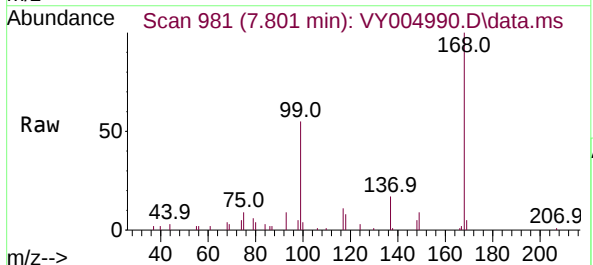
Instrument :
MSVOA_Y
ClientSampleId :

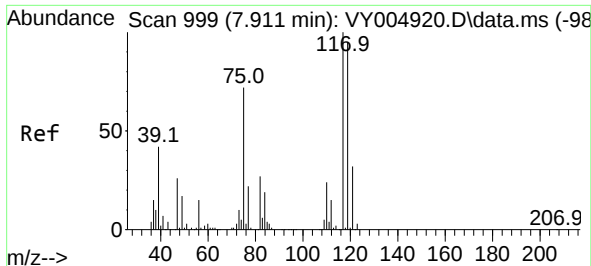
Tgt Ion:	113	Resp:	4434
Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.8	122.8
192	18.9	15.3	22.9



#36
1,1-Dichloropropene
Concen: 6.817 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

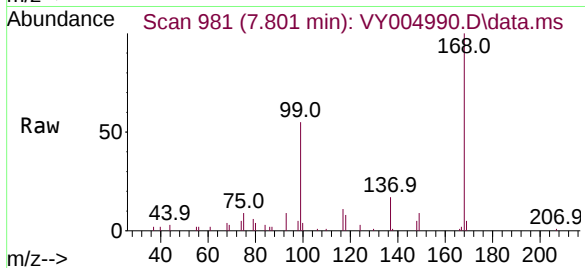
Tgt Ion:	75	Resp:	1674
Ion	Ratio	Lower	Upper
75	100		
110	1.8	17.5	52.5#
77	0.0	25.1	37.7#



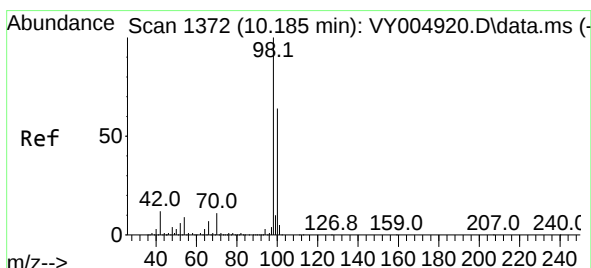
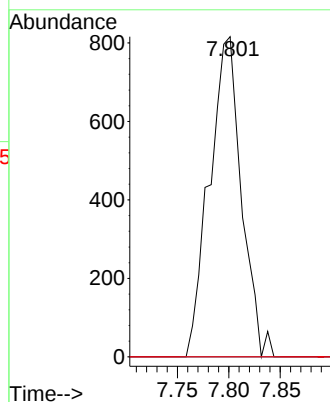
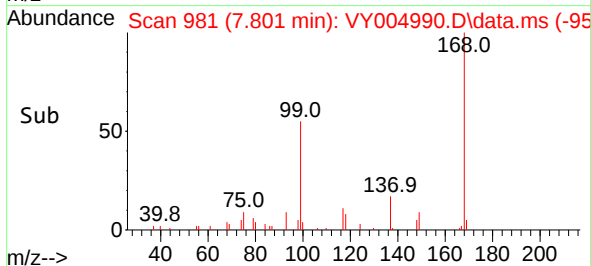


#38
Carbon Tetrachloride
Concen: 8.263 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

Instrument :
MSVOA_Y
ClientSampled :

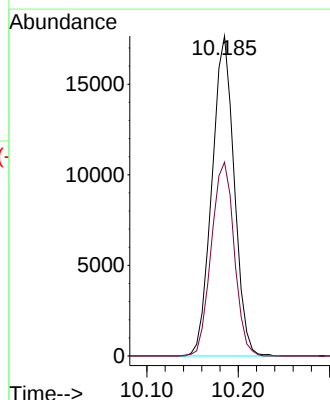
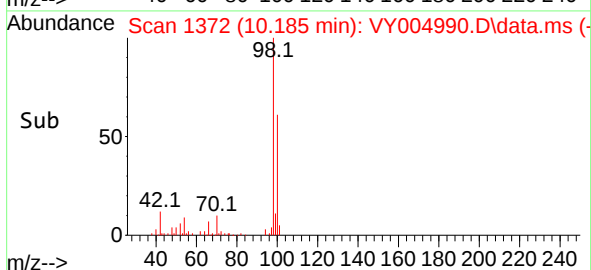
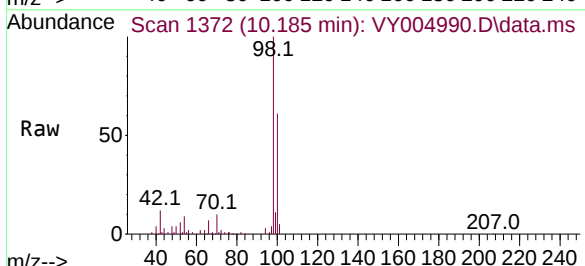


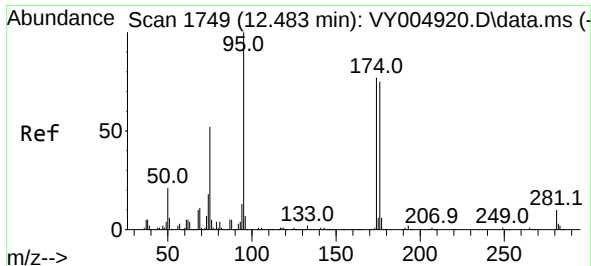
Tgt Ion:117 Resp: 1766
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 53.173 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

Tgt Ion: 98 Resp: 29812
Ion Ratio Lower Upper
98 100
100 62.3 51.8 77.6

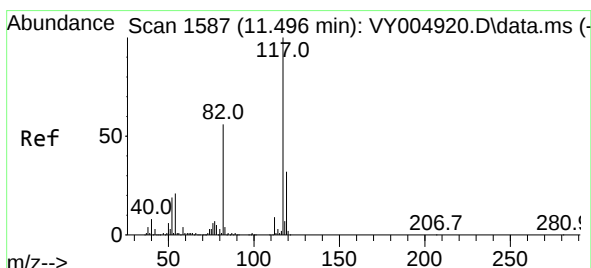
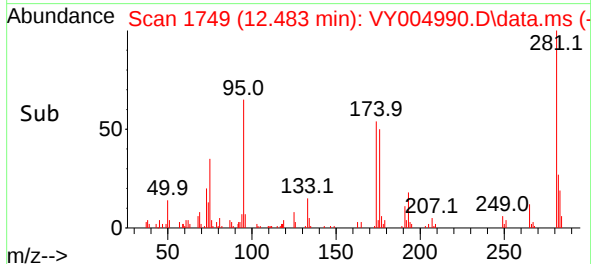
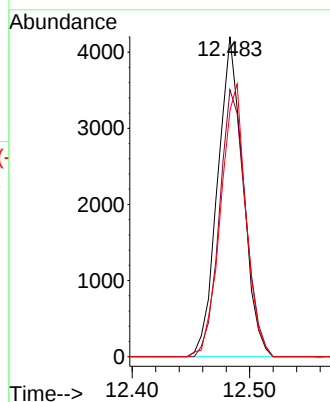
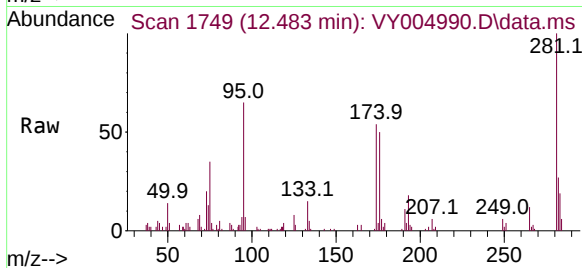




#62
4-Bromofluorobenzene
Concen: 32.724 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

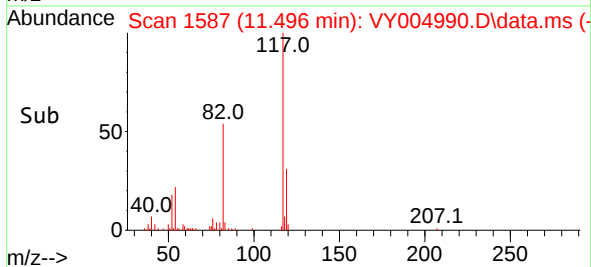
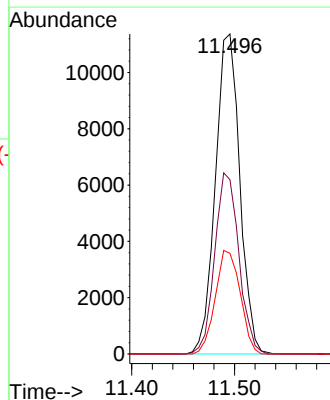
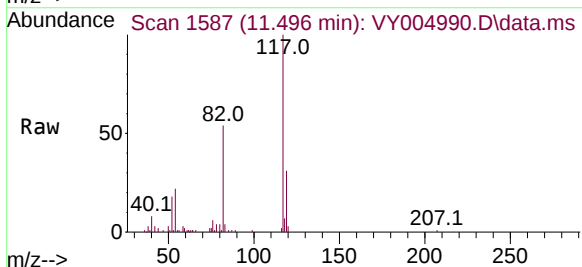
Instrument :
MSVOA_Y
ClientSampleId :

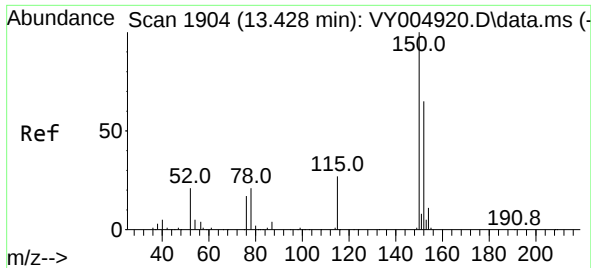
Tgt Ion:	95	Resp:	6310
Ion Ratio	Lower	Upper	
95	100		
174	85.6	0.0	160.8
176	84.6	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

Tgt Ion:	117	Resp:	18772
Ion Ratio	Lower	Upper	
117	100		
82	54.5	44.8	67.2
119	31.4	25.2	37.8

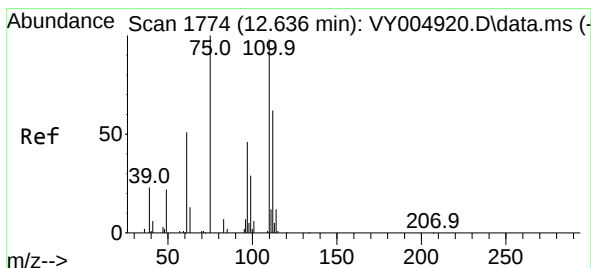
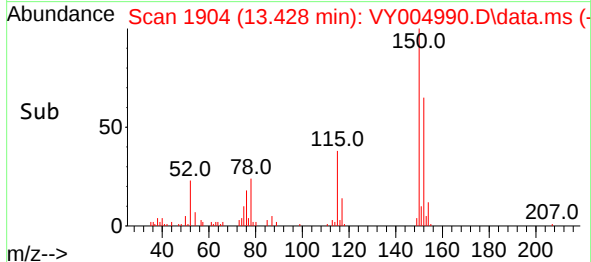
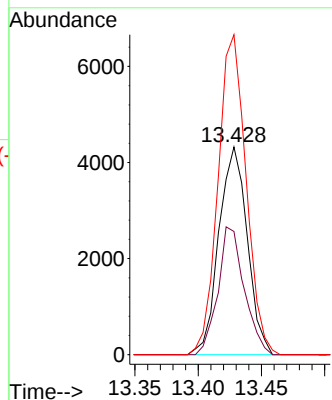
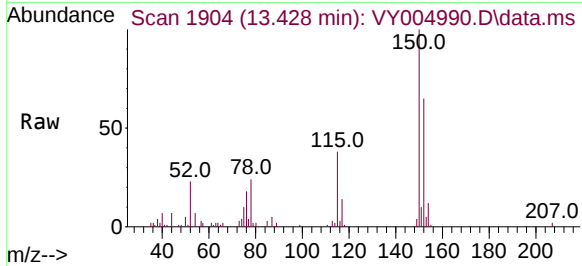




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004990.D
 Acq: 07 Jun 2021 14:13

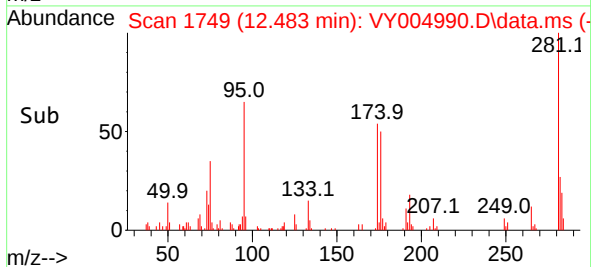
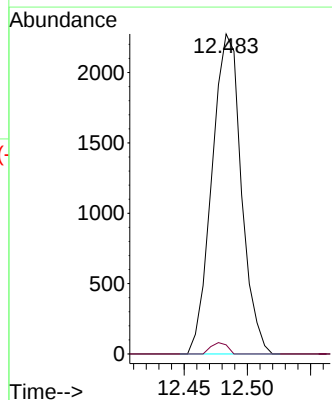
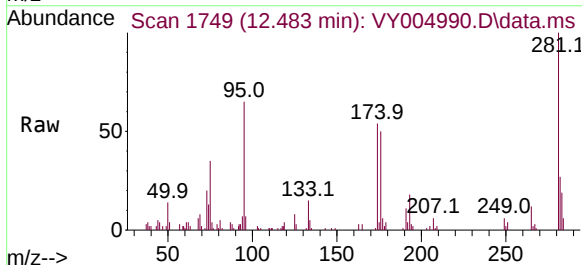
Instrument :
 MSVOA_Y
 ClientSampled :

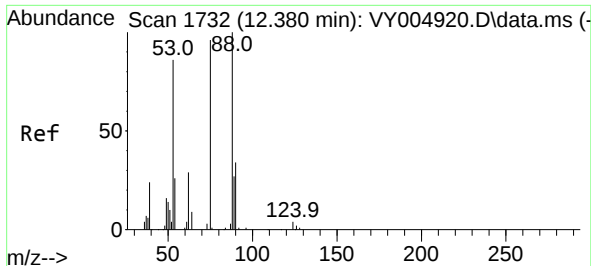
Tgt Ion:152 Resp: 6740
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.9 89.7
 150 152.3 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 49.768 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004990.D
 Acq: 07 Jun 2021 14:13

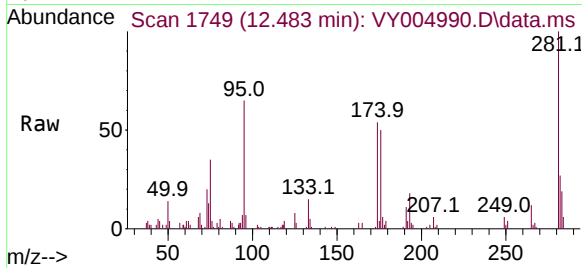
Tgt Ion: 75 Resp: 3677
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#



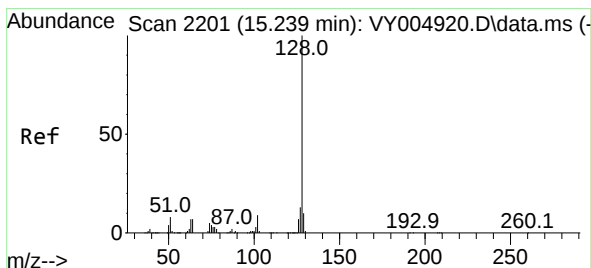
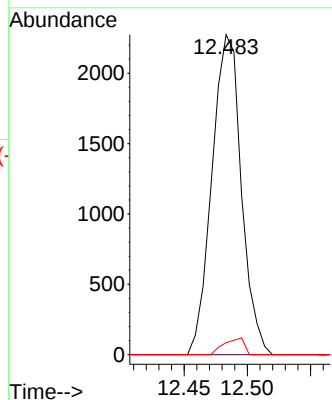
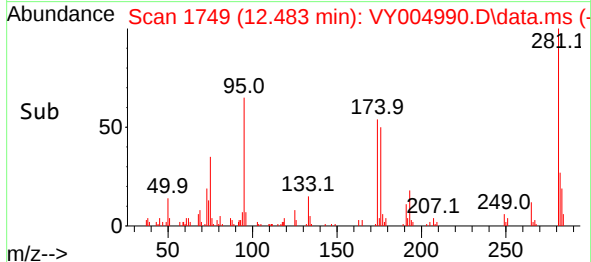


#81
trans-1,4-Dichloro-2-butene
Concen: 91.462 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13

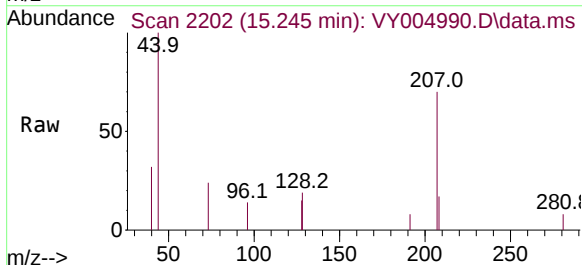
Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 75 Resp: 3677
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 3.6 35.0 52.6#



#95
Naphthalene
Concen: 1.189 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004990.D
Acq: 07 Jun 2021 14:13



Tgt Ion: 128 Resp: 314
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.7 13.1#

