

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005011.D
 Acq On : 08 Jun 2021 10:33
 Operator : SY/MD
 Sample : VY0608SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 09 03:46:45 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)

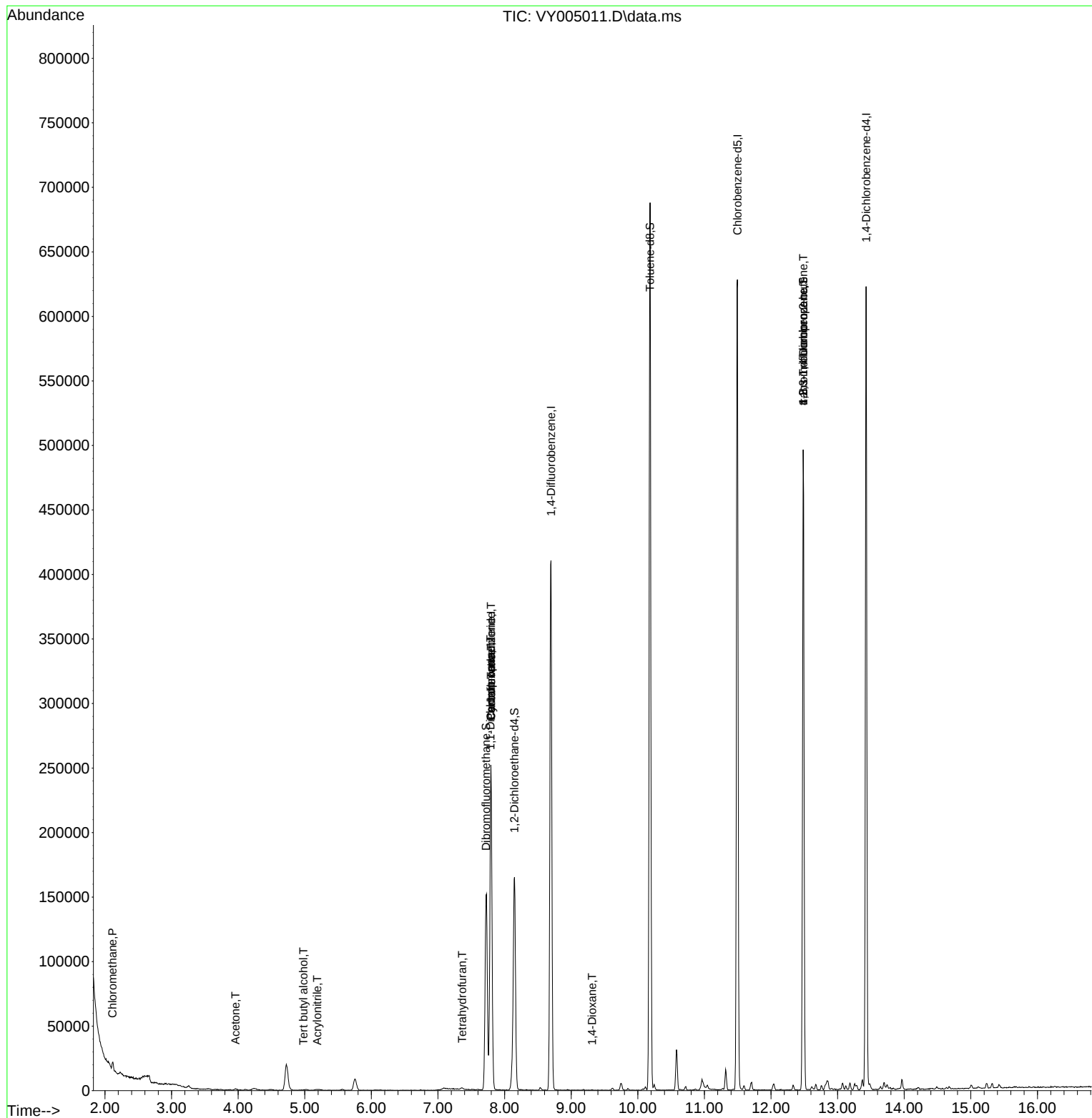
Internal Standards						
1) Pentafluorobenzene	7.795	168	185430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	351230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	342102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122761	62.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.240%	
35) Dibromofluoromethane	7.722	113	109656	58.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.060%	
50) Toluene-d8	10.185	98	442047	56.326	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.660%	
62) 4-Bromofluorobenzene	12.483	95	144734	53.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.240%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	5683	2.472	ug/l	91
11) Tert butyl alcohol	4.978	59	396	1.757	ug/l #	74
13) Acrolein	3.747	56	181	Below Cal	#	24
15) Acrylonitrile	5.186	53	1006	1.761	ug/l #	86
16) Acetone	3.960	43	1457	3.088	ug/l #	77
29) Tetrahydrofuran	7.362	42	882	1.748	ug/l	97
31) Cyclohexane	7.795	56	4422	1.281	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	15883	4.621	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19014	6.356	ug/l #	16
49) 1,4-Dioxane	9.313	88	23	1.386	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	76936	46.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76936	86.172	ug/l #	15

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

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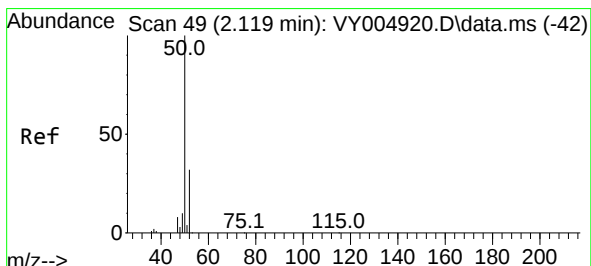
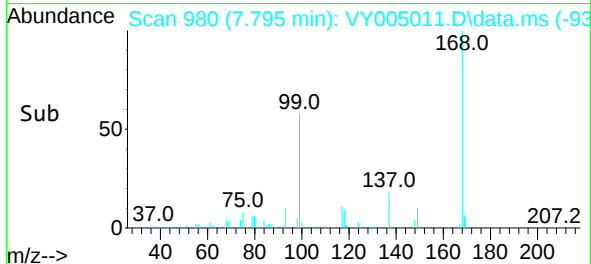
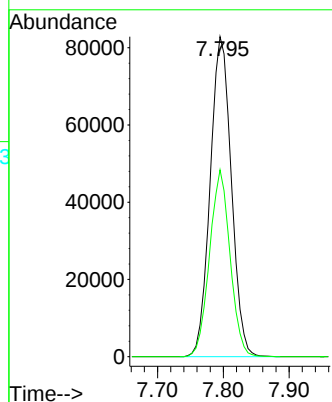
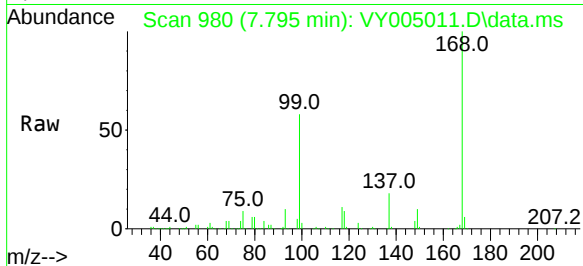




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

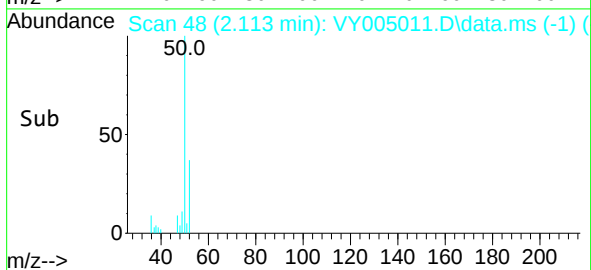
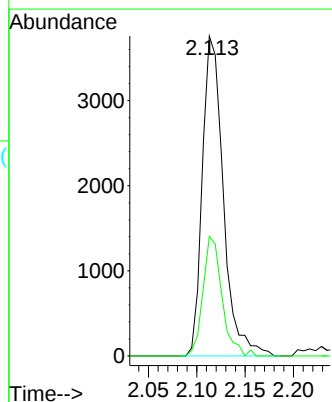
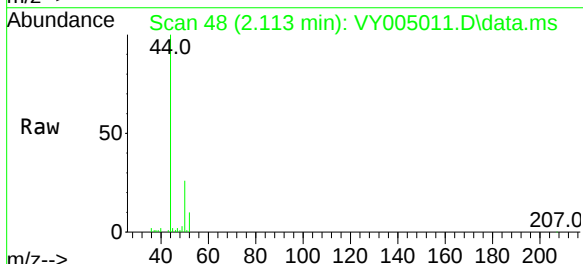
Instrument :
MSVOA_Y
ClientSampleId :

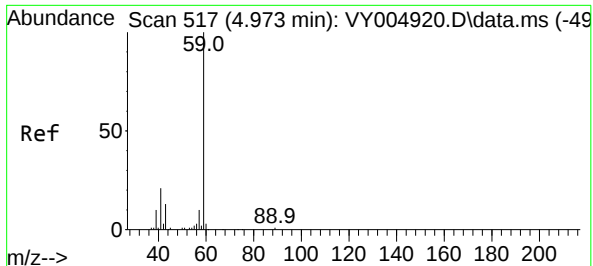
Tgt Ion:168 Resp: 185430
Ion Ratio Lower Upper
168 100
99 58.4 43.9 65.9



#3
Chloromethane
Concen: 2.472 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

Tgt Ion: 50 Resp: 5683
Ion Ratio Lower Upper
50 100
52 37.3 25.9 38.9

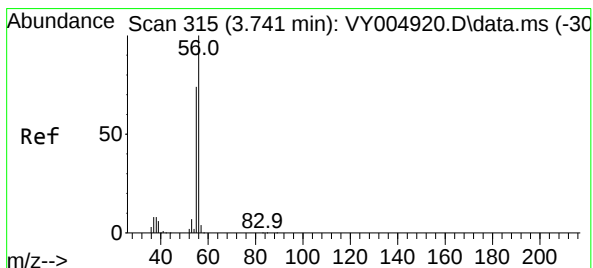
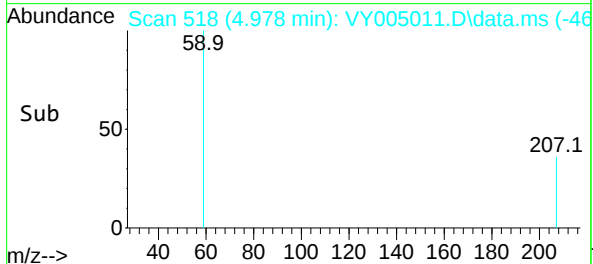
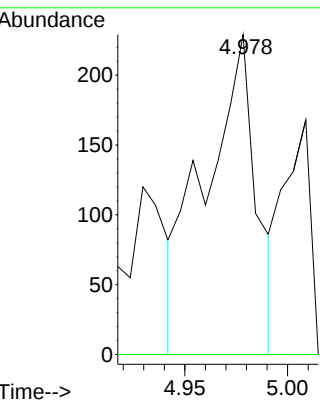
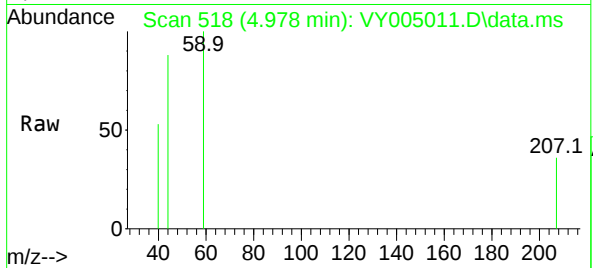




#11
Tert butyl alcohol
Concen: 1.757 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

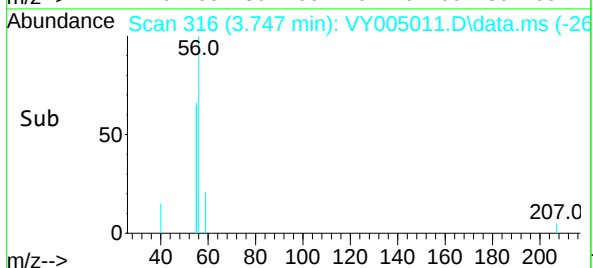
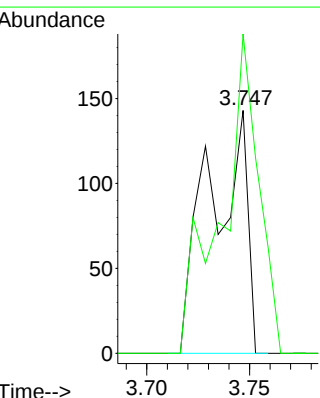
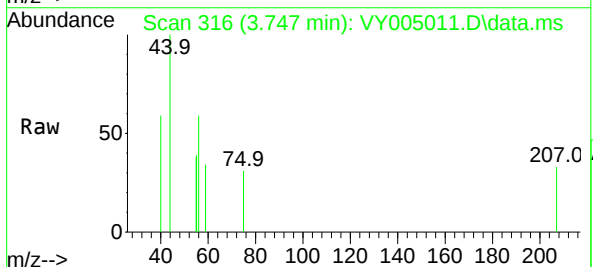
Instrument :
MSVOA_Y
ClientSampled :

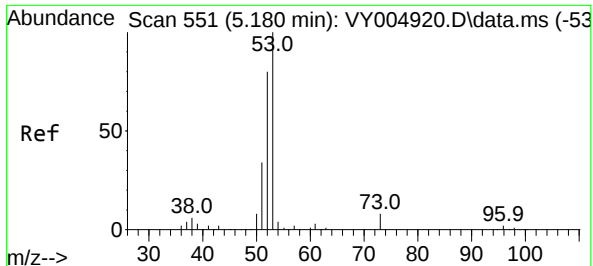
Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

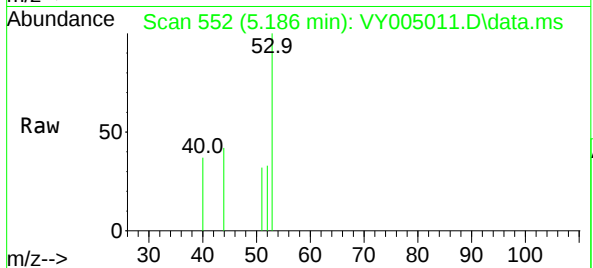
Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 130.9 55.4 83.2#



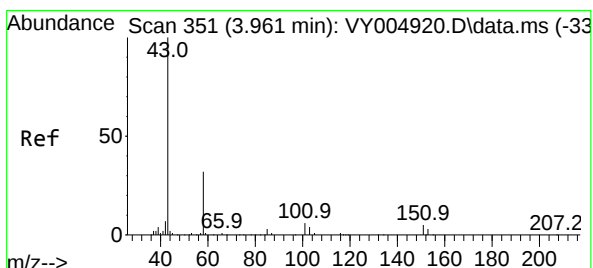
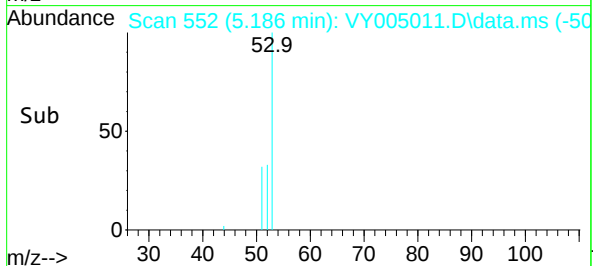
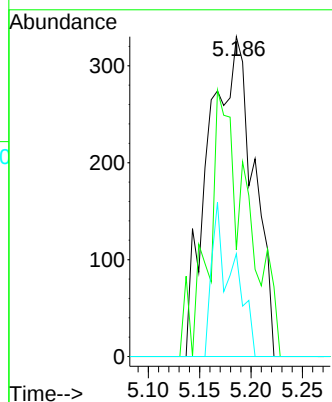


#15
Acrylonitrile
Concen: 1.761 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.006 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

Instrument :
MSVOA_Y
ClientSampleId :

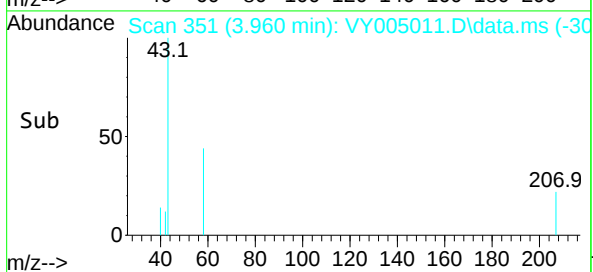
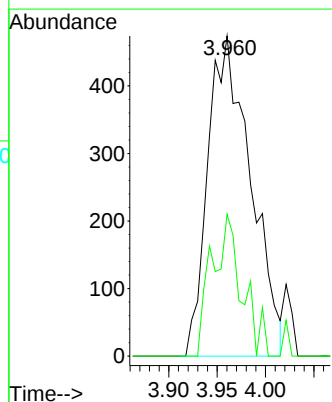
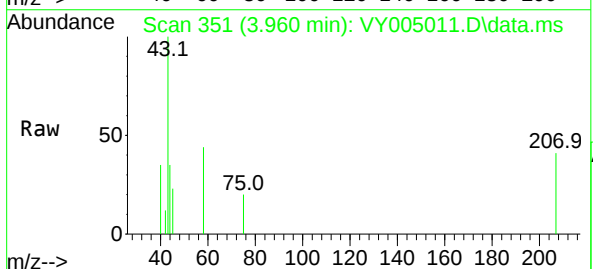


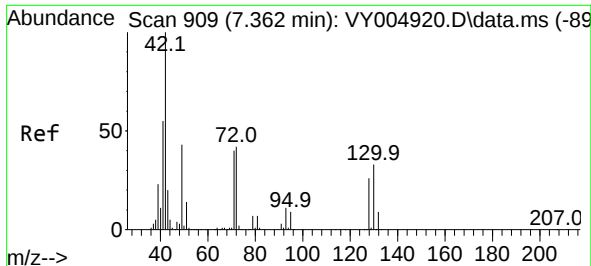
Tgt Ion:	53	Resp:	1006
Ion	Ratio	Lower	Upper
53	100		
52	71.5	64.5	96.7
51	22.6	28.6	42.8#



#16
Acetone
Concen: 3.088 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

Tgt Ion:	43	Resp:	1457
Ion	Ratio	Lower	Upper
43	100		
58	44.3	25.3	37.9#





#29

Tetrahydrofuran

Concen: 1.748 ug/l

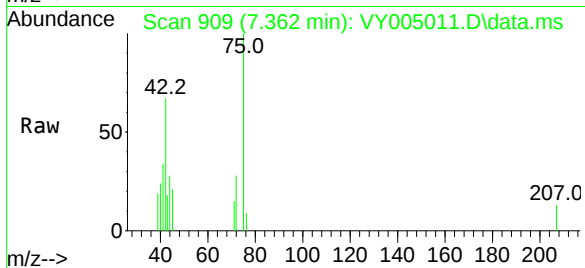
RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

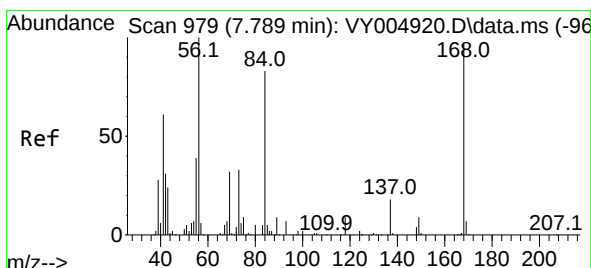
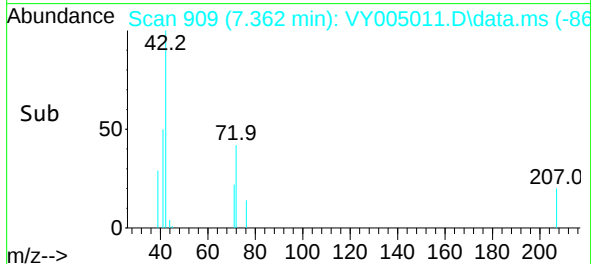
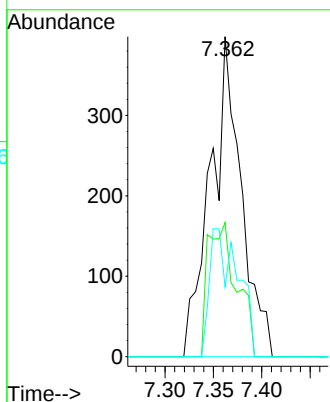
Lab File: VY005011.D

Acq: 08 Jun 2021 10:33

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	882
Ion Ratio	Lower	Upper	
42	100		
72	39.1	32.6	49.0
71	36.7	30.9	46.3



#31

Cyclohexane

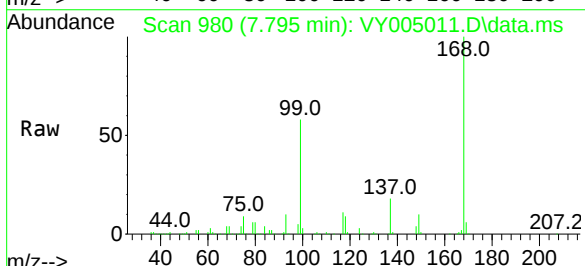
Concen: 1.281 ug/l

RT: 7.795 min Scan# 980

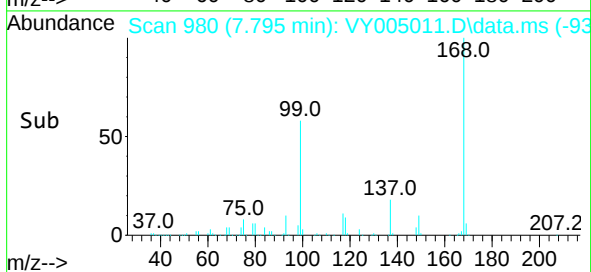
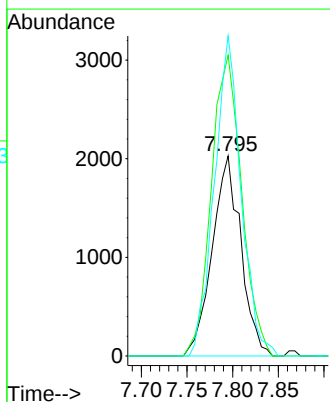
Delta R.T. 0.006 min

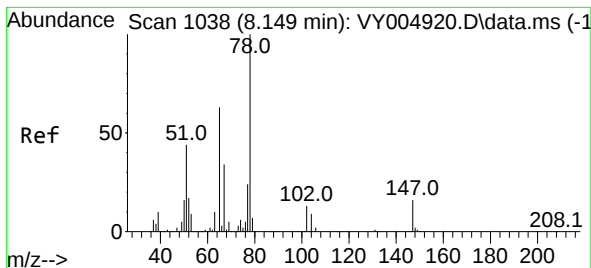
Lab File: VY005011.D

Acq: 08 Jun 2021 10:33



Tgt Ion:	56	Resp:	4422
Ion Ratio	Lower	Upper	
56	100		
69	150.4	25.3	37.9#
84	160.0	66.2	99.4#

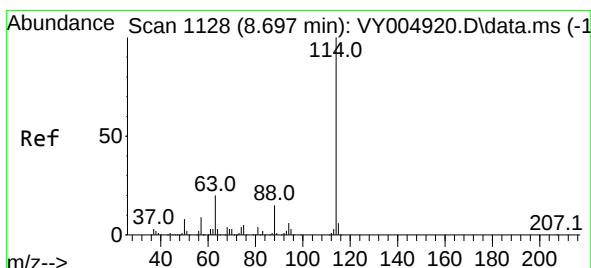
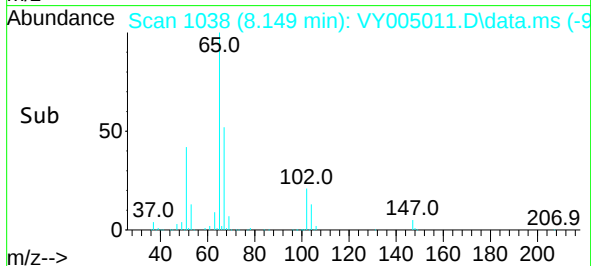
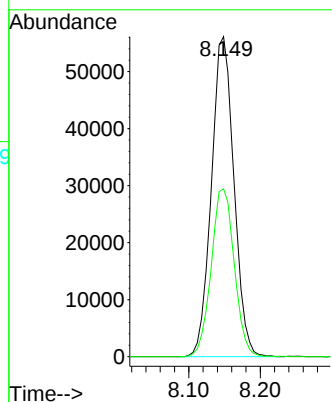
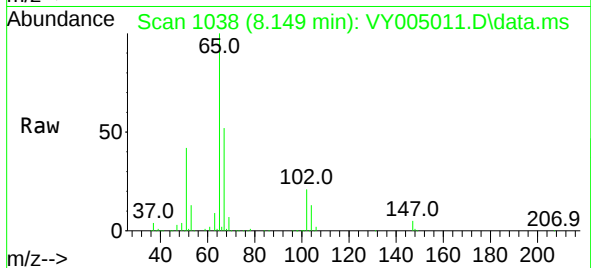




#33
 1,2-Dichloroethane-d4
 Concen: 62.623 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005011.D
 Acq: 08 Jun 2021 10:33

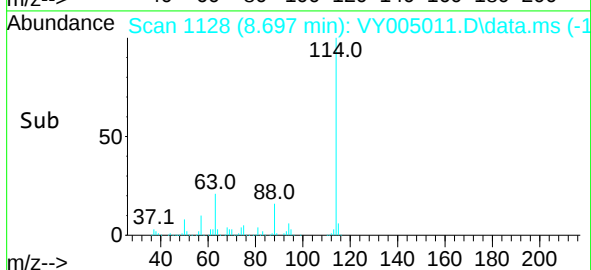
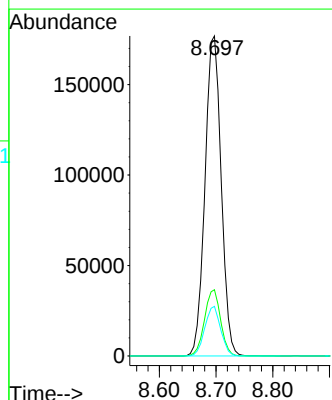
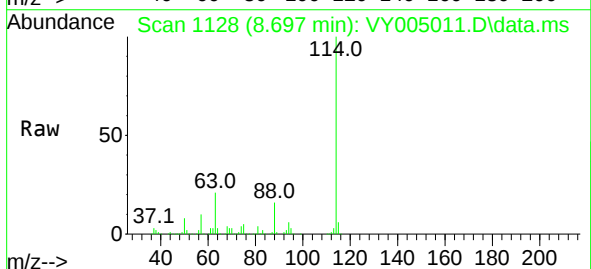
Instrument :
 MSVOA_Y
 ClientSampled :

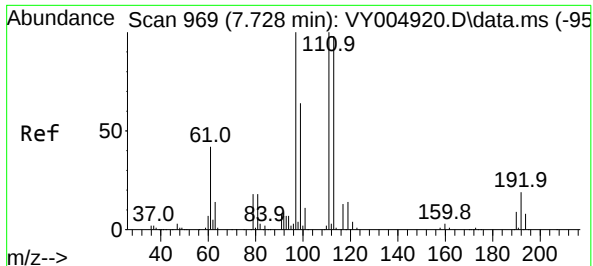
Tgt Ion: 65 Resp: 122761
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005011.D
 Acq: 08 Jun 2021 10:33

Tgt Ion: 114 Resp: 351230
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.0
 88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.030 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

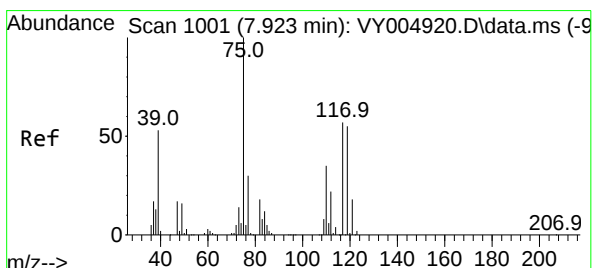
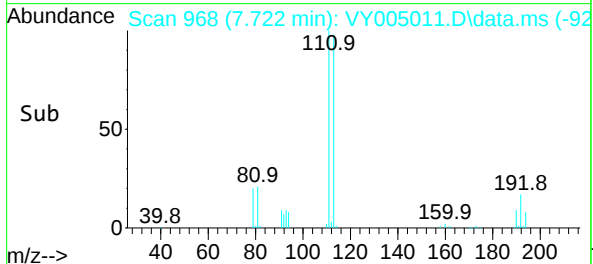
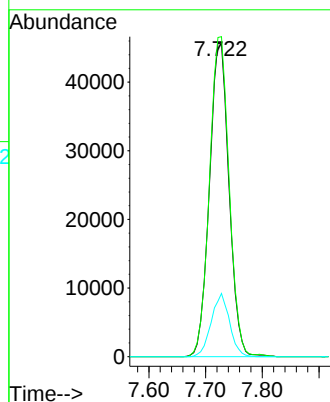
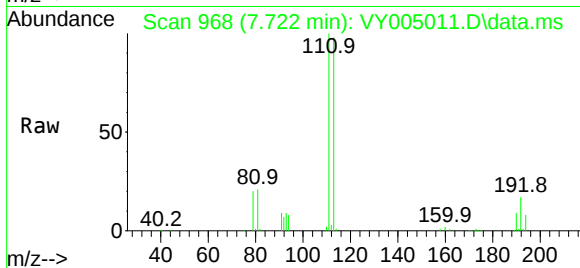
Lab File: VY005011.D

Acq: 08 Jun 2021 10:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 109656

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	18.8	15.3	22.9



#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 7.789 min Scan# 979

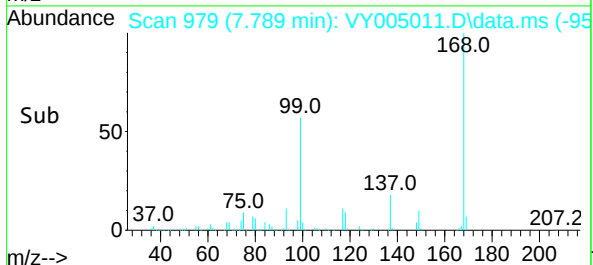
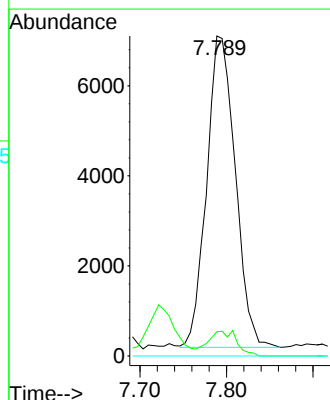
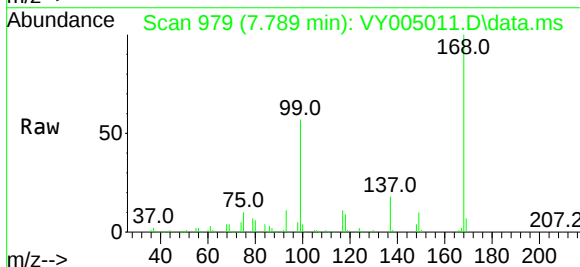
Delta R.T. -0.134 min

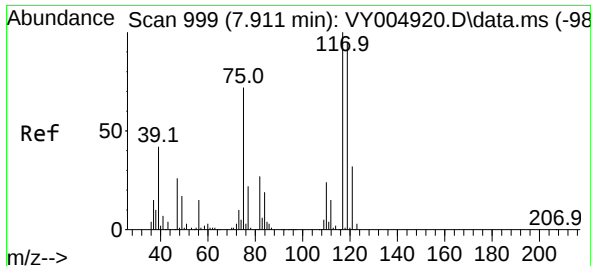
Lab File: VY005011.D

Acq: 08 Jun 2021 10:33

Tgt Ion: 75 Resp: 15883

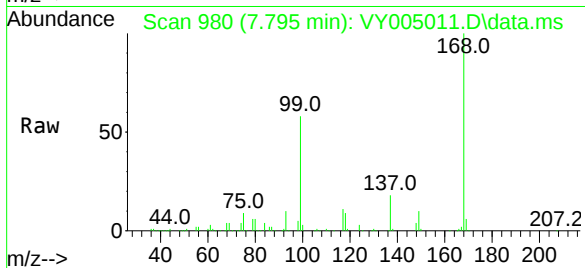
Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.5	52.5#
77	0.0	25.1	37.7#



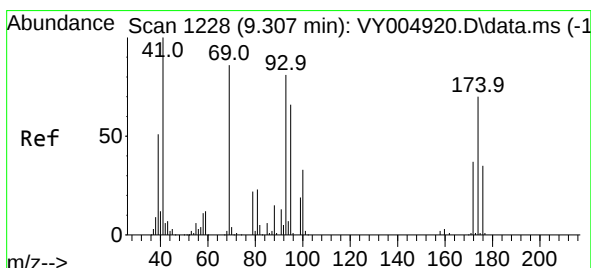
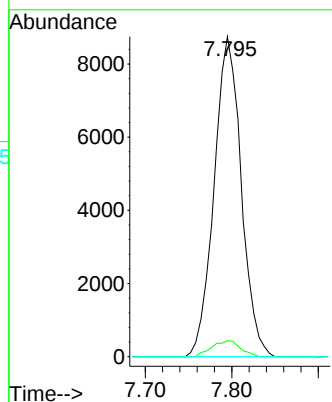
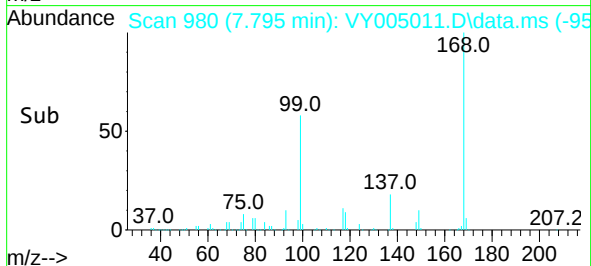


#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

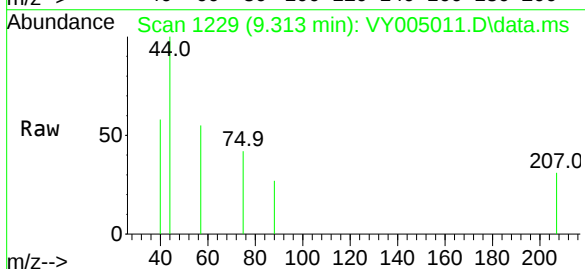
Instrument :
MSVOA_Y
ClientSampleId :



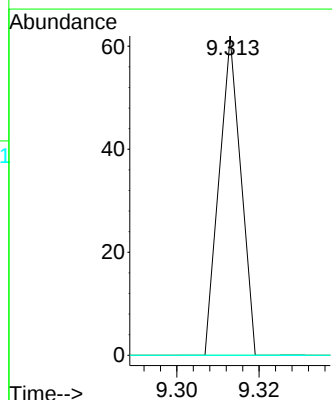
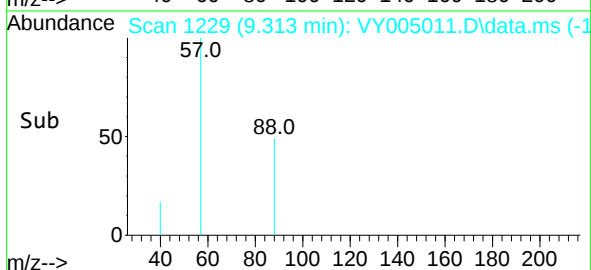
Tgt Ion:117 Resp: 19014
Ion Ratio Lower Upper
117 100
119 5.0 76.1 114.1#
121 0.0 25.5 38.3#

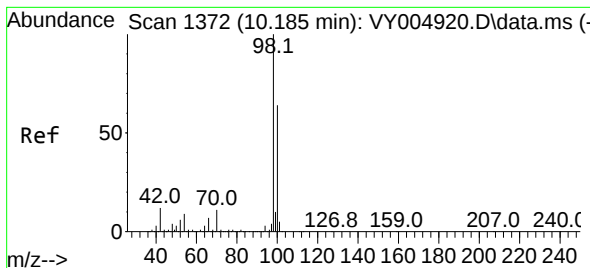


#49
1,4-Dioxane
Concen: 1.386 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33



Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 26.6 40.0#
58 0.0 53.6 80.4#

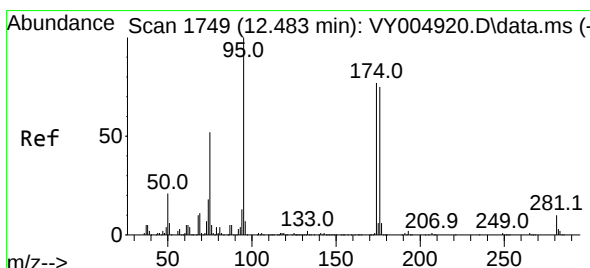
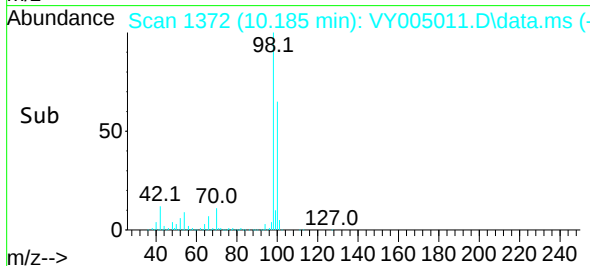
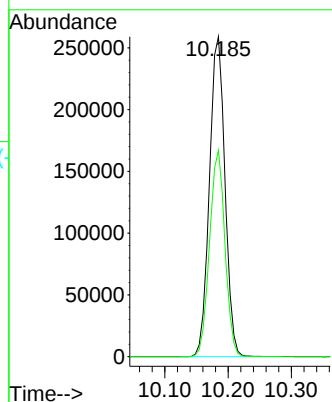
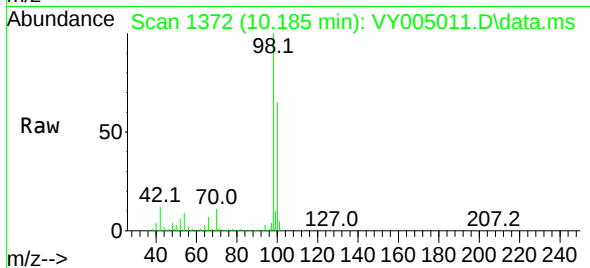




#50
Toluene-d8
Concen: 56.326 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

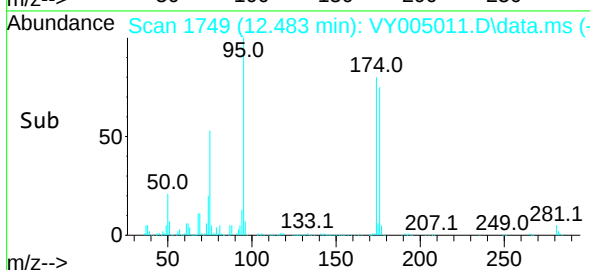
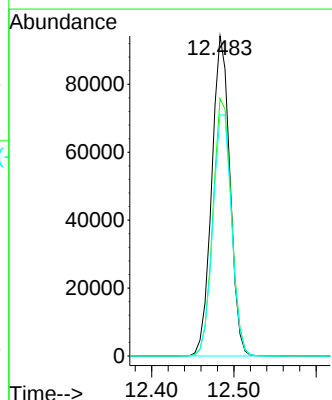
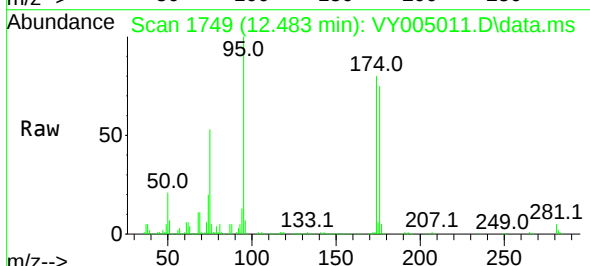
Instrument :
MSVOA_Y
ClientSampled :

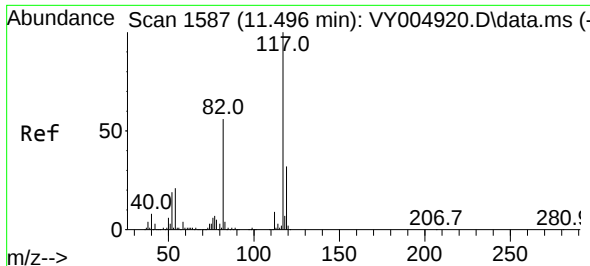
Tgt Ion: 98 Resp: 442047
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

Tgt Ion: 95 Resp: 144734
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.8
176 78.2 0.0 155.6

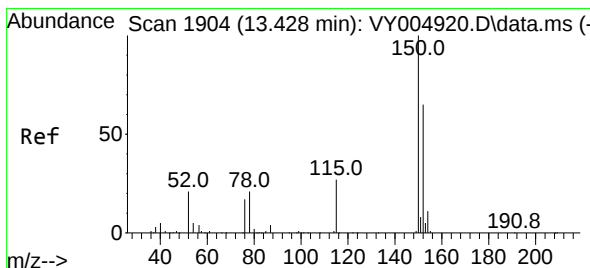
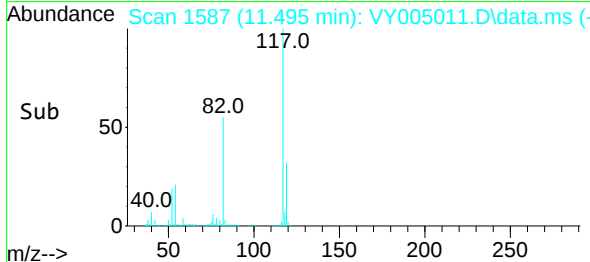
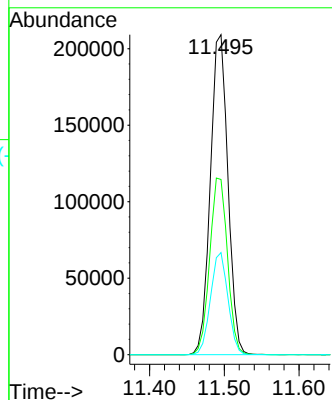
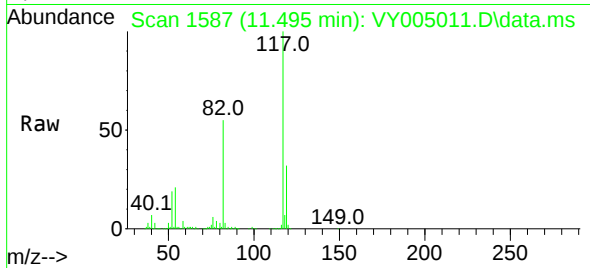




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

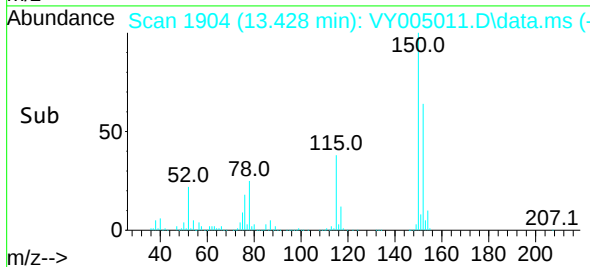
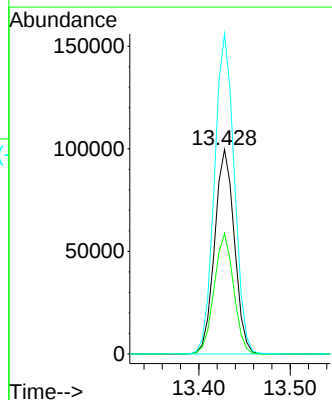
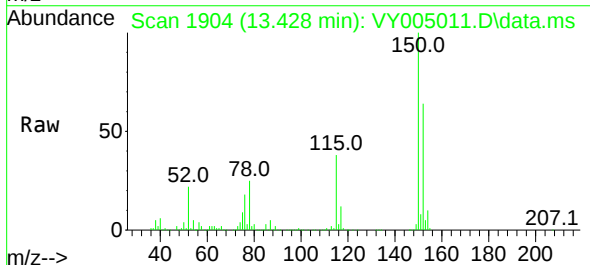
Instrument :
MSVOA_Y
ClientSampleId :

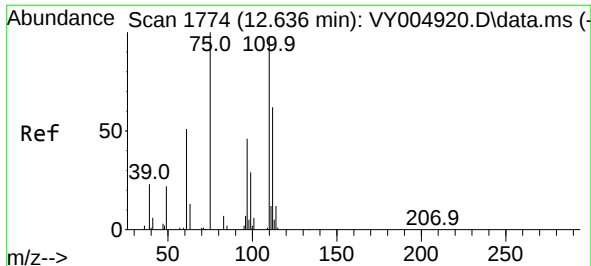
Tgt Ion:117 Resp: 342102
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 31.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

Tgt Ion:152 Resp: 149682
Ion Ratio Lower Upper
152 100
115 58.1 29.9 89.7
150 157.5 0.0 347.8

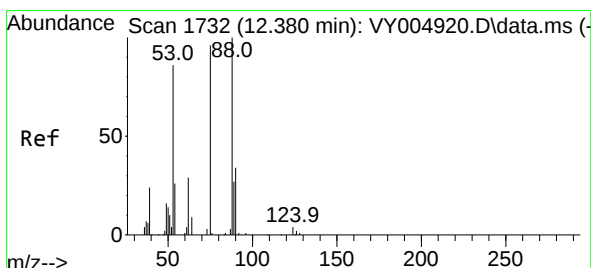
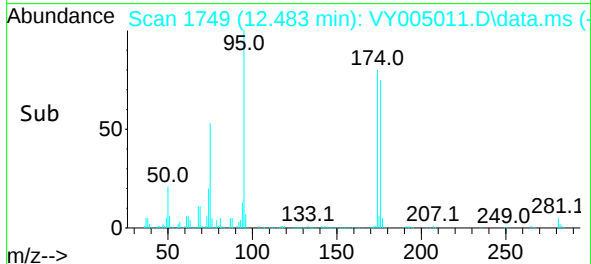
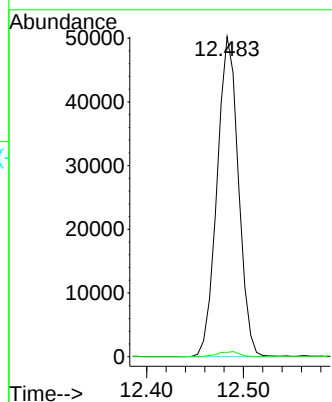
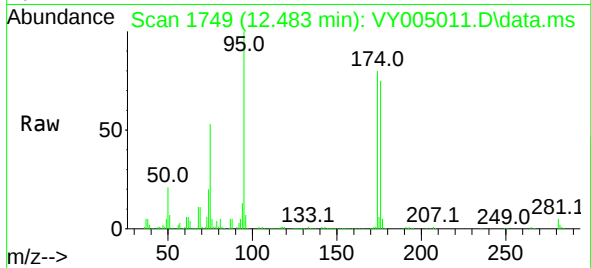




#76
1,2,3-Trichloropropane
Concen: 46.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 76936
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005011.D
Acq: 08 Jun 2021 10:33

Tgt Ion: 75 Resp: 76936
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 0.0 35.0 52.6#

