

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004926.D
 Acq On : 03 Jun 2021 10:57
 Operator : SY/MD
 Sample : VY0603SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:12:51 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)

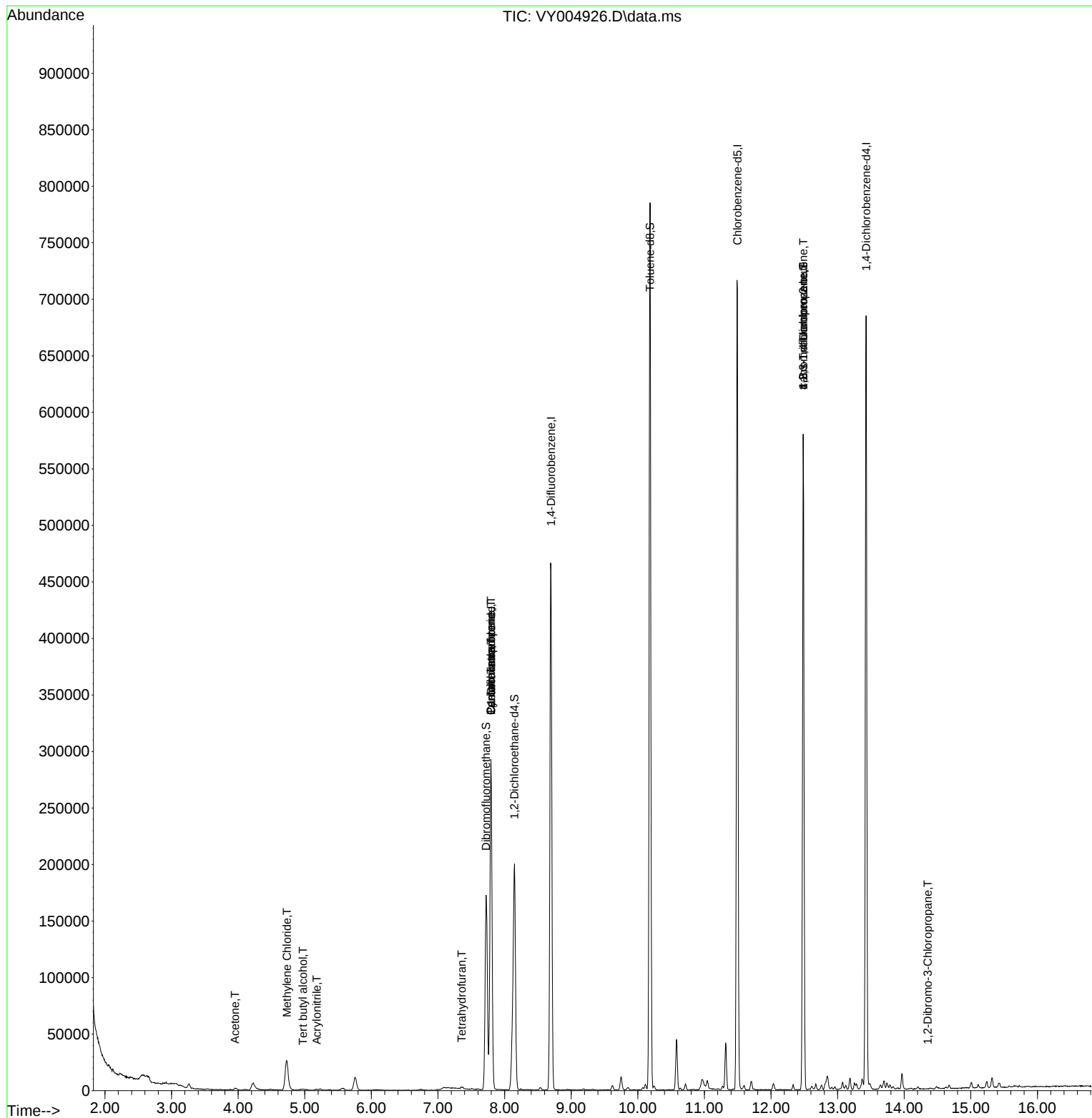
Internal Standards						
1) Pentafluorobenzene	7.795	168	216362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	390777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	381401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137361	60.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.10%			
35) Dibromofluoromethane	7.722	113	123967	58.96	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.92%			
50) Toluene-d8	10.185	98	502455	57.54	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 115.08%			
62) 4-Bromofluorobenzene	12.483	95	161570	53.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.60%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	1803	6.85	ug/l #	74
13) Acrolein	3.741	56	436	Below Cal		83
15) Acrylonitrile	5.180	53	964	1.45	ug/l	87
16) Acetone	3.954	43	2875	5.22	ug/l #	77
20) Methylene Chloride	4.735	84	18816	1.33	ug/l	92
29) Tetrahydrofuran	7.356	42	989	1.68	ug/l #	91
31) Cyclohexane	7.795	56	5214	1.29	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	17823	4.66	ug/l #	49
38) Carbon Tetrachloride	7.795	117	21580	6.48	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	87254	47.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87254	86.98	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.355	75	445	1.05	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
Data File : VY004926.D
Acq On : 03 Jun 2021 10:57
Operator : SY/MD
Sample : VY0603SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 04 01:12:51 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

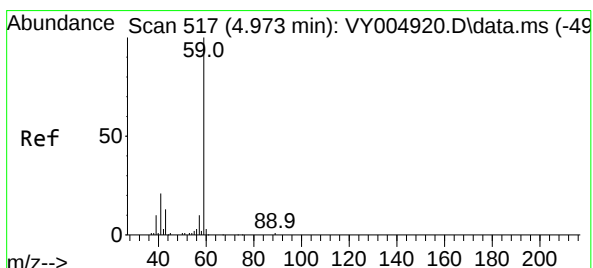
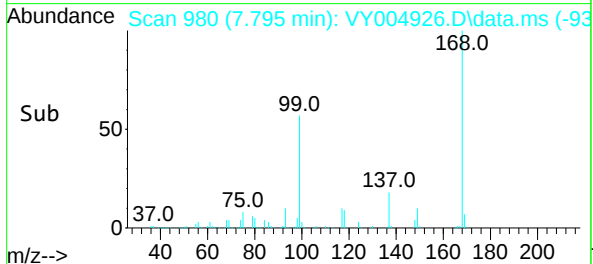
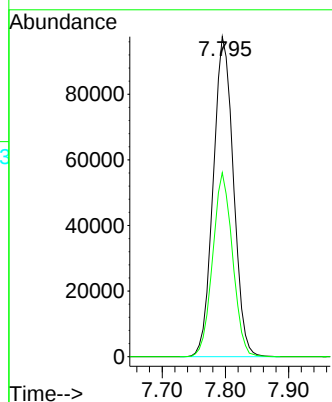
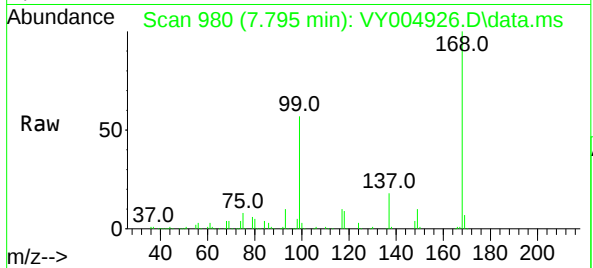




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

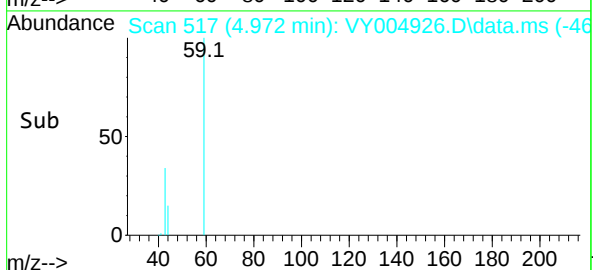
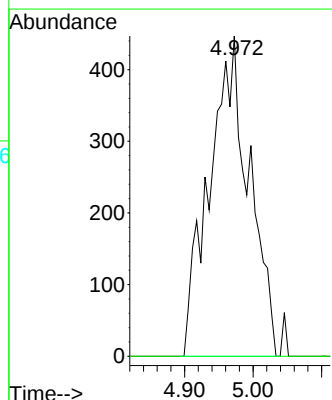
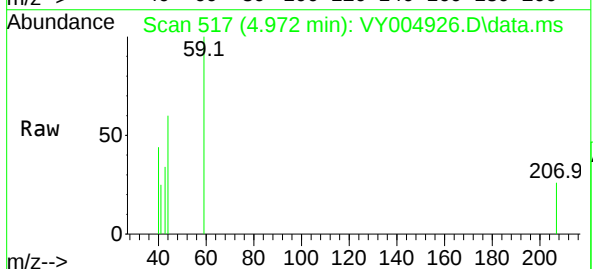
Instrument :
MSVOA_Y
ClientSampleId :

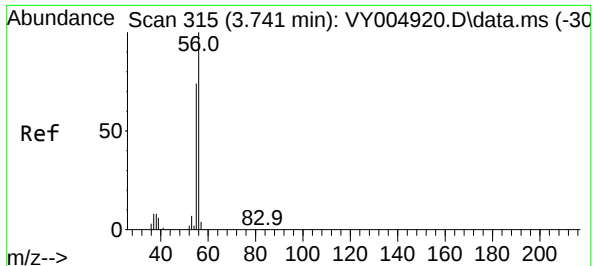
Tgt Ion:168 Resp: 216362
Ion Ratio Lower Upper
168 100
99 57.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 6.85 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Tgt Ion: 59 Resp: 1803
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

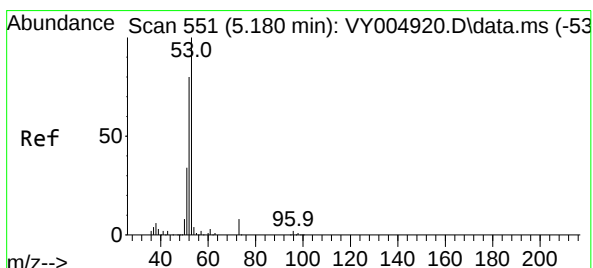
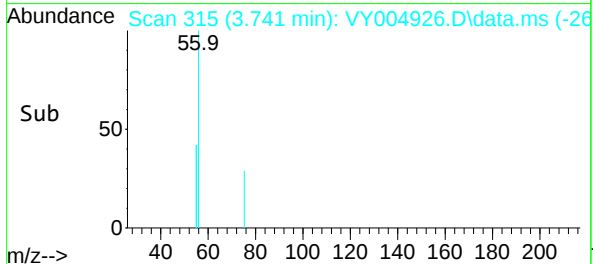
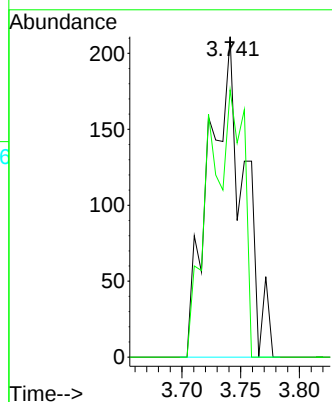
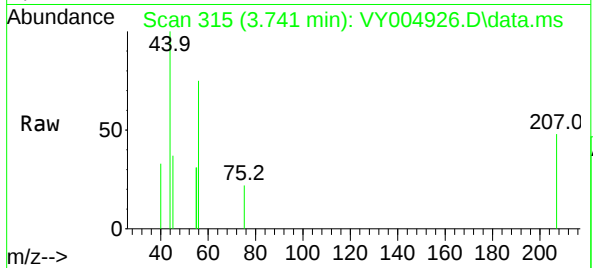




#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

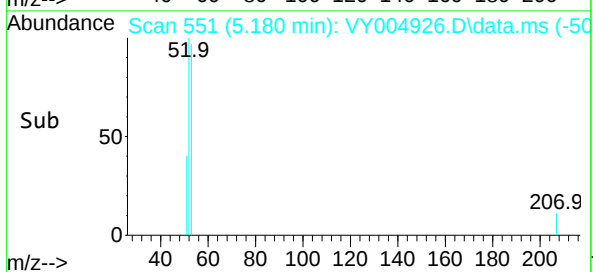
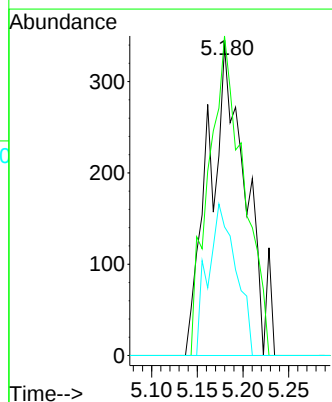
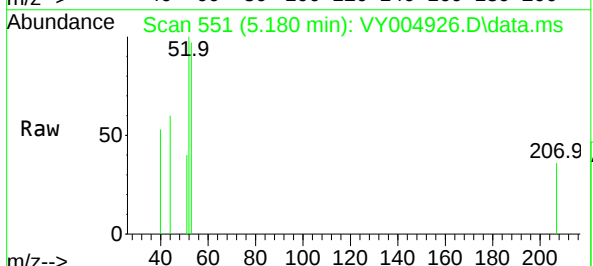
Instrument :
MSVOA_Y
ClientSampleId :

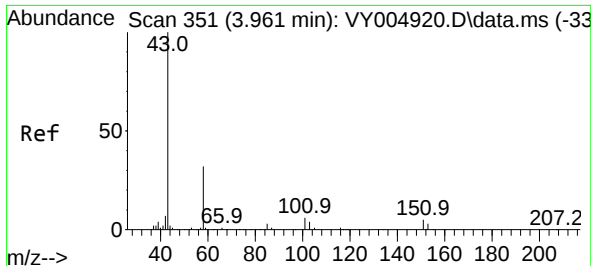
Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
55 82.8 55.4 83.2



#15
Acrylonitrile
Concen: 1.45 ug/l
RT: 5.180 min Scan# 551
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Tgt Ion: 53 Resp: 964
Ion Ratio Lower Upper
53 100
52 96.5 64.5 96.7
51 36.6 28.6 42.8

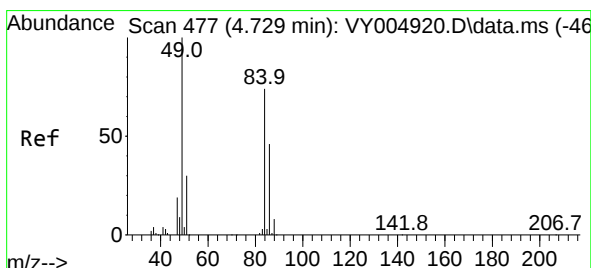
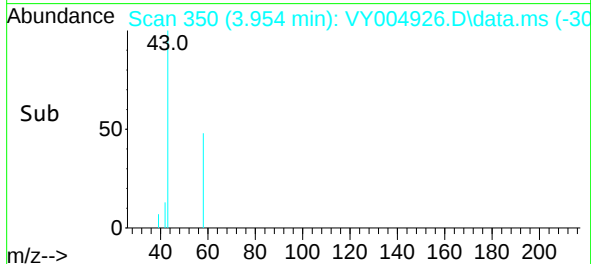
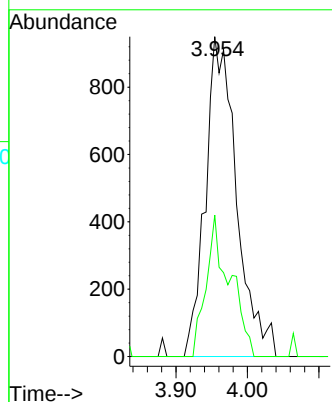
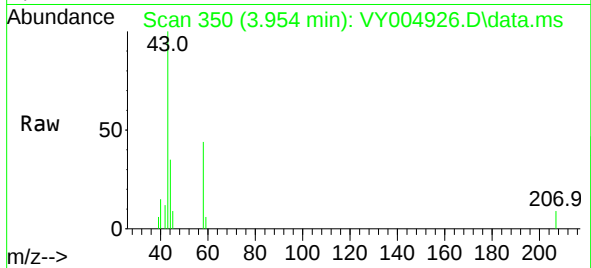




#16
Acetone
Concen: 5.22 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

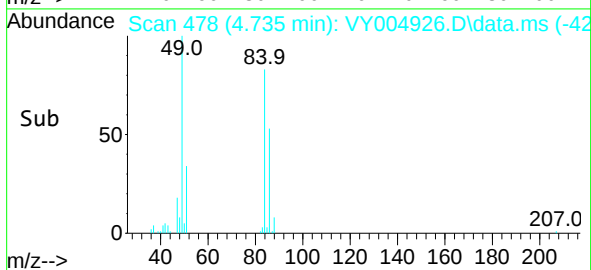
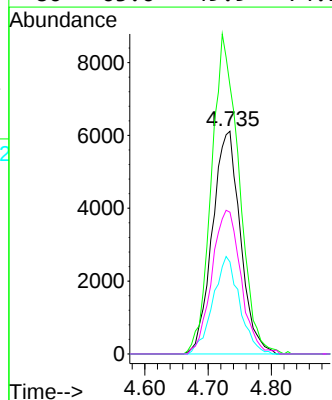
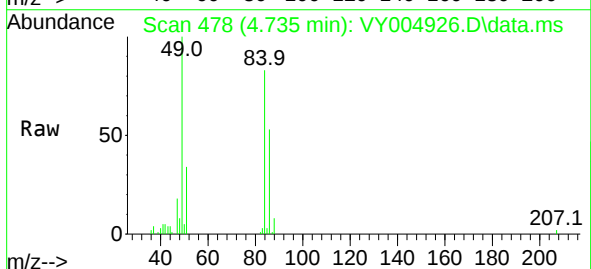
Instrument :
MSVOA_Y
ClientSampleId :

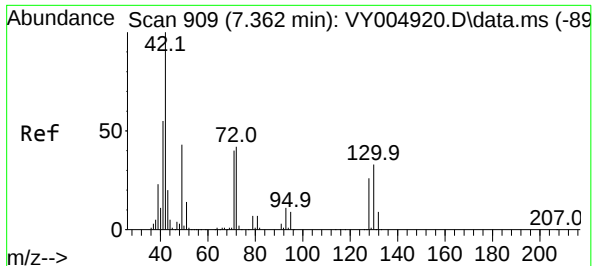
Tgt Ion: 43 Resp: 2875
Ion Ratio Lower Upper
43 100
58 44.2 25.3 37.9#



#20
Methylene Chloride
Concen: 1.33 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Tgt Ion: 84 Resp: 18816
Ion Ratio Lower Upper
84 100
49 120.4 108.0 162.0
51 41.3 32.6 48.8
86 63.6 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.68 ug/l

RT: 7.356 min Scan# 908

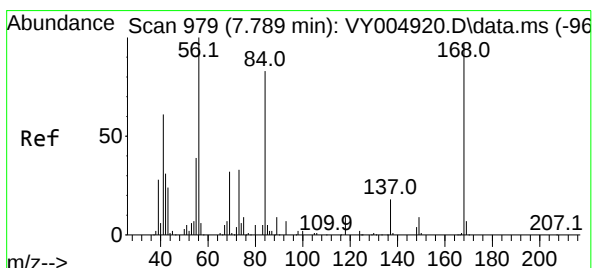
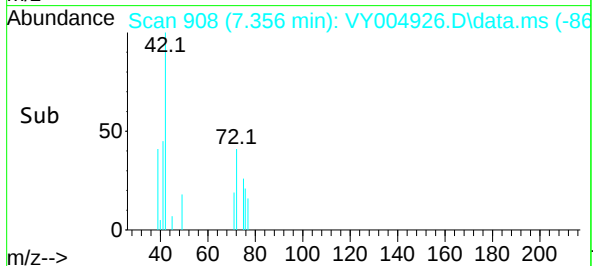
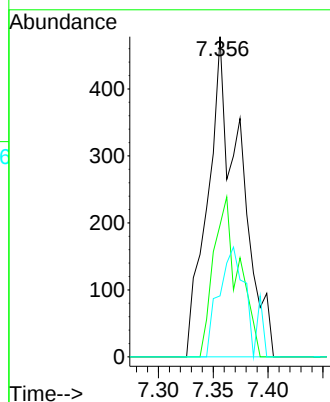
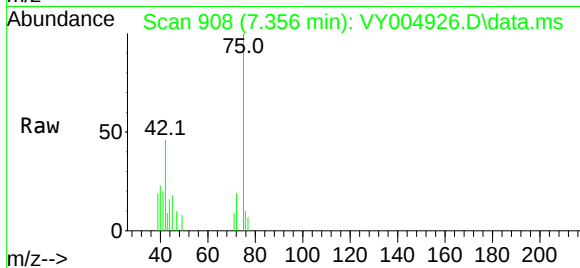
Delta R.T. -0.006 min

Lab File: VY004926.D

Acq: 03 Jun 2021 10:57

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 42	Resp: 989
Ion Ratio	Lower Upper
42 100	
72 38.8	32.6 49.0
71 29.5	30.9 46.3#



#31

Cyclohexane

Concen: 1.29 ug/l

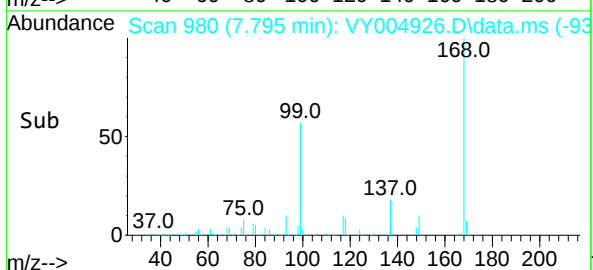
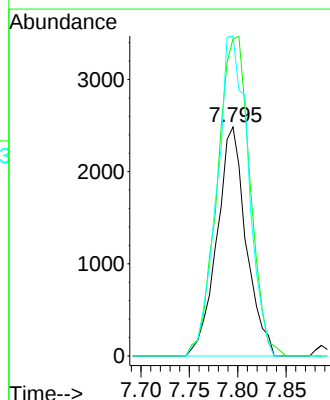
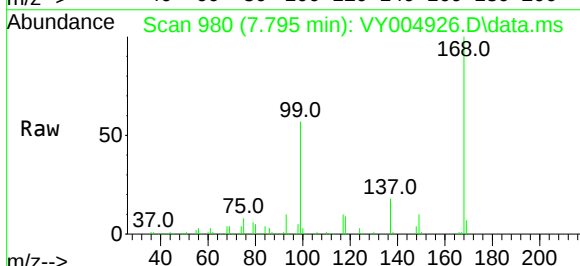
RT: 7.795 min Scan# 980

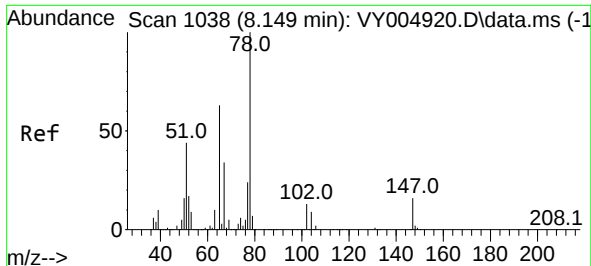
Delta R.T. 0.006 min

Lab File: VY004926.D

Acq: 03 Jun 2021 10:57

Tgt Ion: 56	Resp: 5214
Ion Ratio	Lower Upper
56 100	
69 138.5	25.3 37.9#
84 139.7	66.2 99.4#

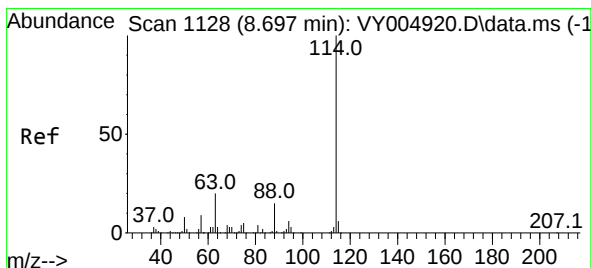
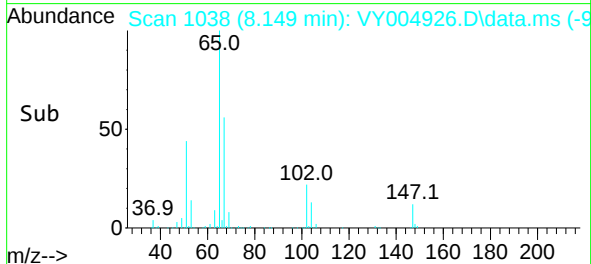
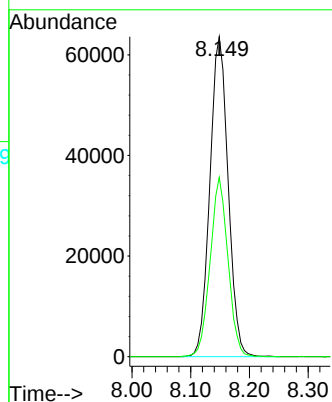
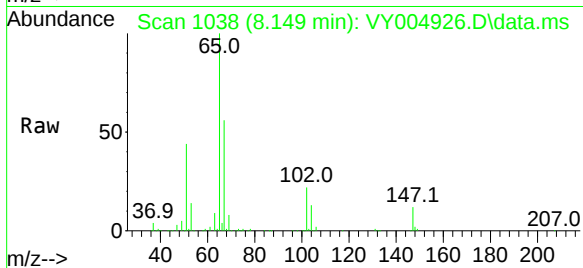




#33
1,2-Dichloroethane-d4
Concen: 60.05 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

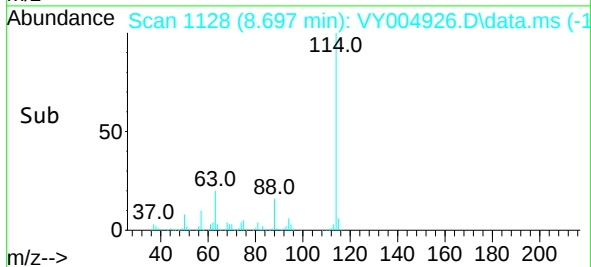
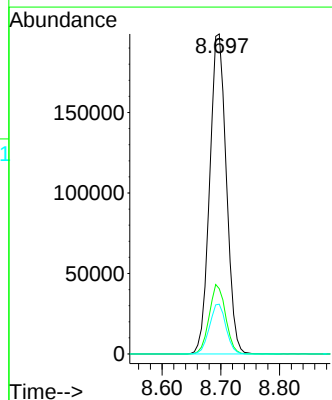
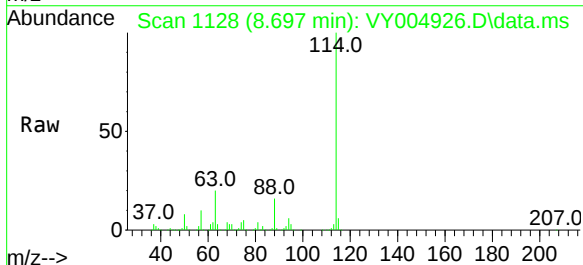
Instrument :
MSVOA_Y
ClientSampled :

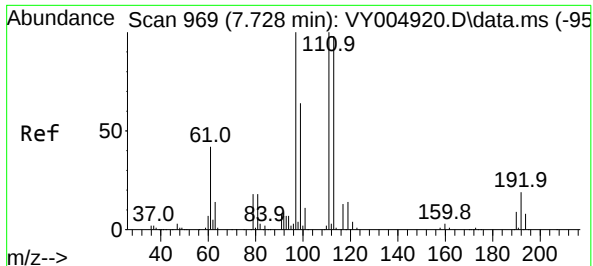
Tgt Ion: 65 Resp: 137361
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Tgt Ion: 114 Resp: 390777
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.0
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.96 ug/l

RT: 7.722 min Scan# 968

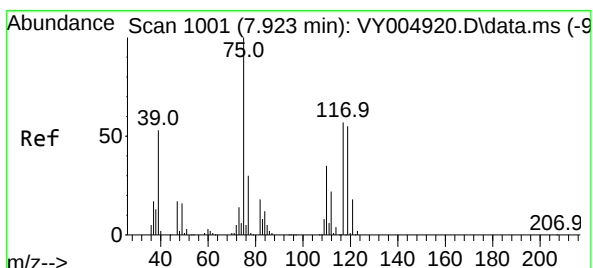
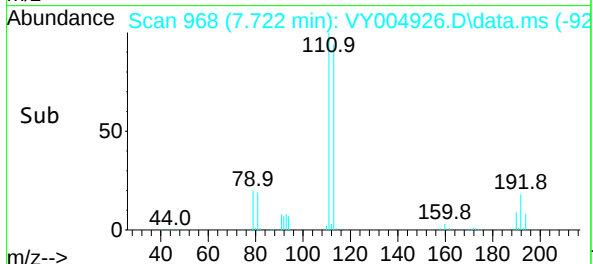
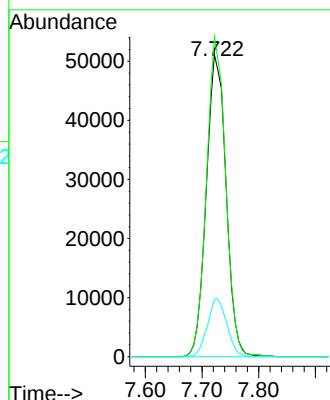
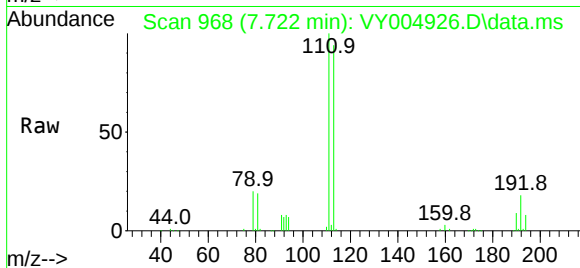
Delta R.T. -0.006 min

Lab File: VY004926.D

Acq: 03 Jun 2021 10:57

Tgt Ion:	113	Resp:	123967
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	18.9	15.3	22.9

Instrument :
MSVOA_Y
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.66 ug/l

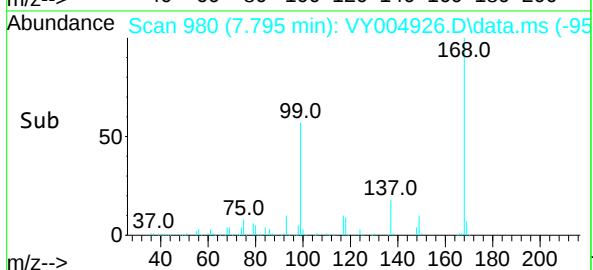
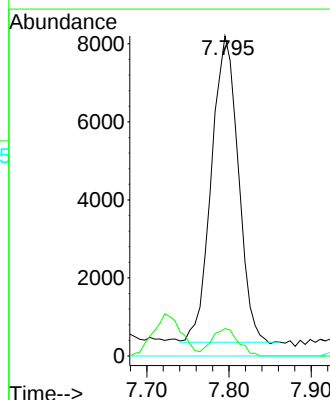
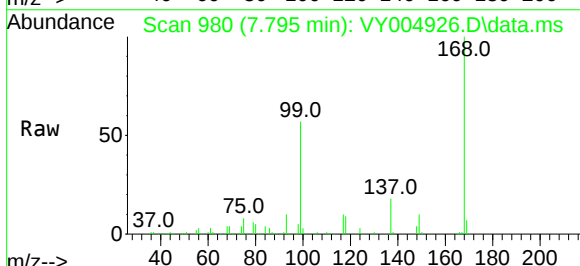
RT: 7.795 min Scan# 980

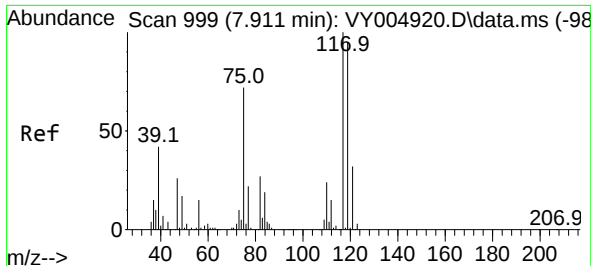
Delta R.T. -0.128 min

Lab File: VY004926.D

Acq: 03 Jun 2021 10:57

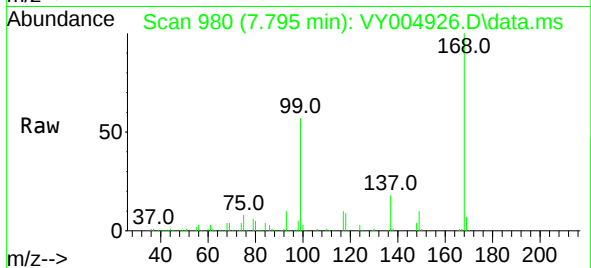
Tgt Ion:	75	Resp:	17823
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.5#
77	0.0	25.1	37.7#



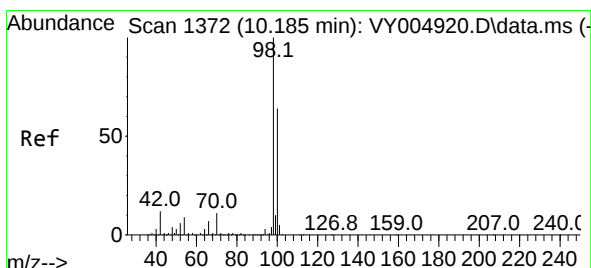
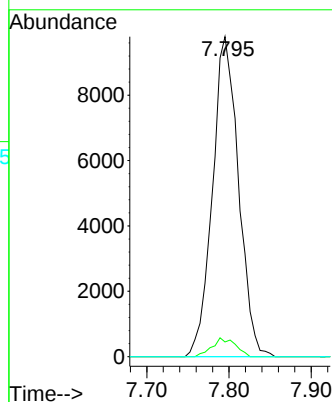
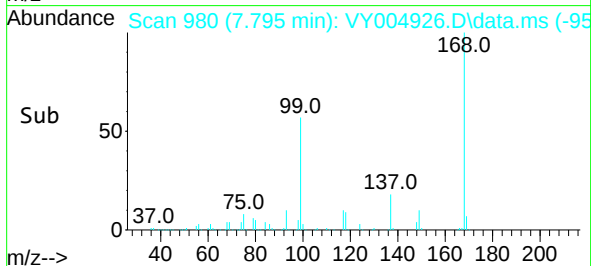


#38
Carbon Tetrachloride
Concen: 6.48 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

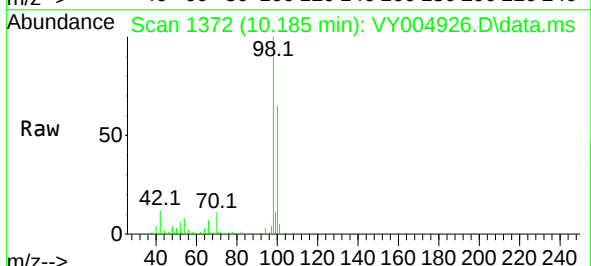
Instrument :
MSVOA_Y
ClientSampleId :



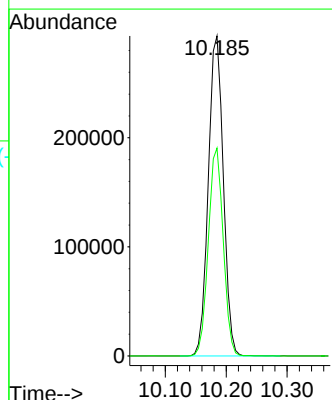
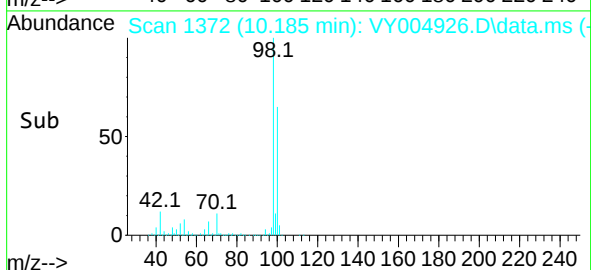
Tgt Ion:117 Resp: 21580
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 25.5 38.3#

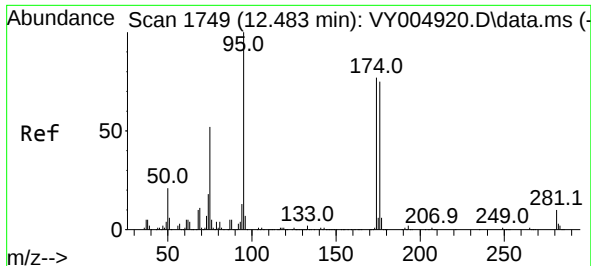


#50
Toluene-d8
Concen: 57.54 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57



Tgt Ion: 98 Resp: 502455
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

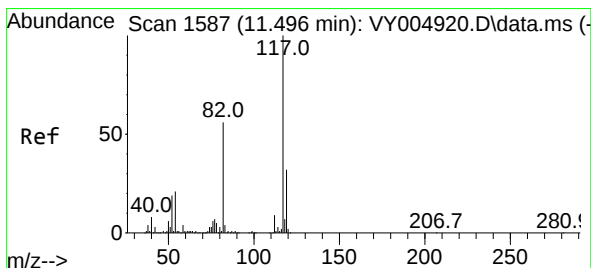
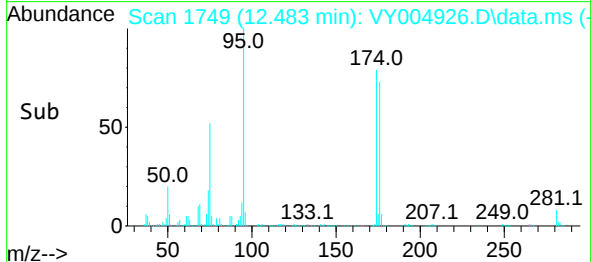
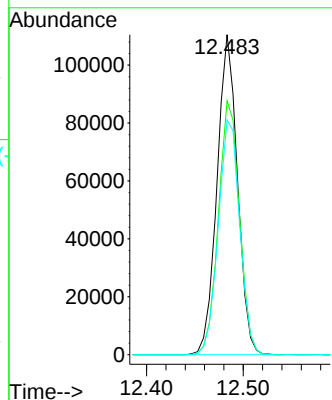
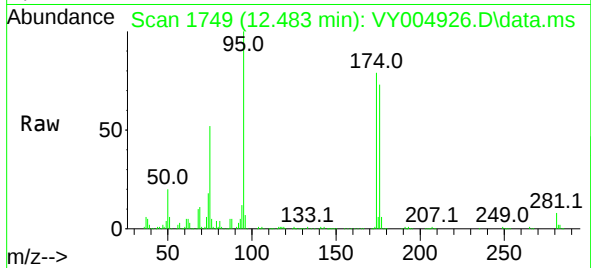




#62
4-Bromofluorobenzene
Concen: 53.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

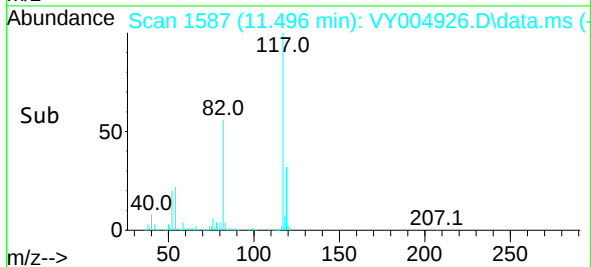
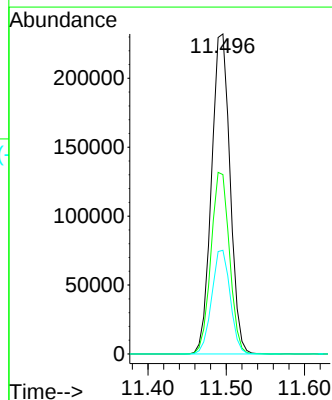
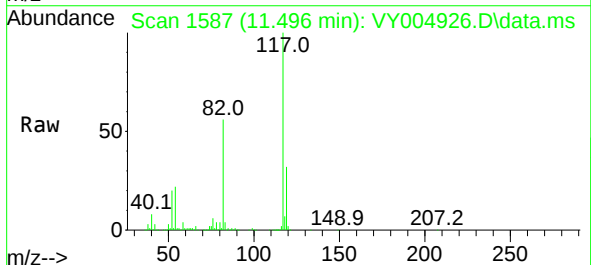
Instrument :
MSVOA_Y
ClientSampleId :

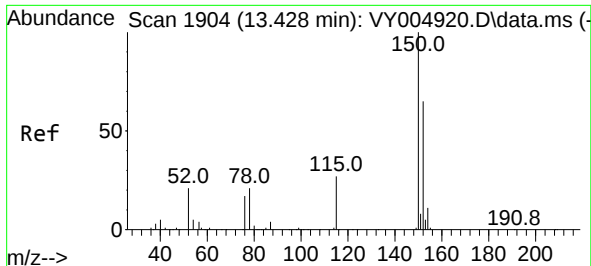
Tgt Ion: 95 Resp: 161570
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.8
176 77.2 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Tgt Ion: 117 Resp: 381401
Ion Ratio Lower Upper
117 100
82 56.1 44.8 67.2
119 32.4 25.2 37.8

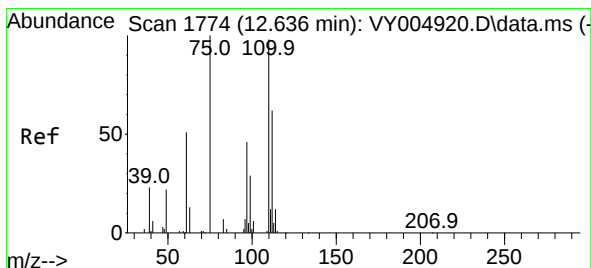
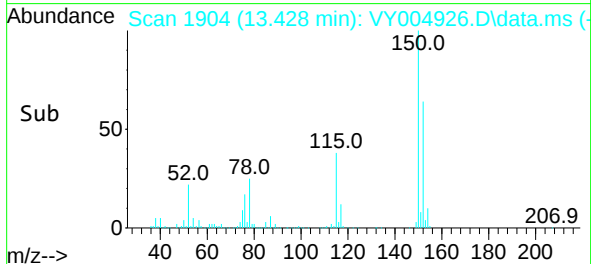
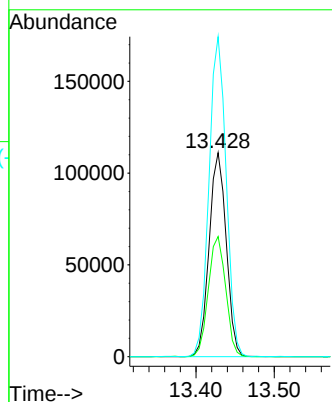
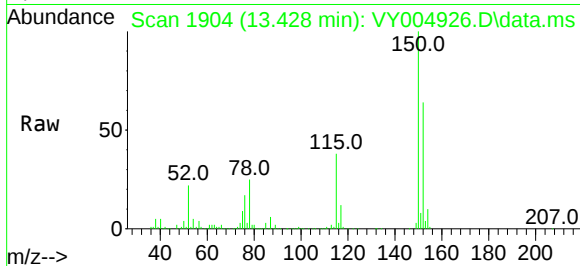




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

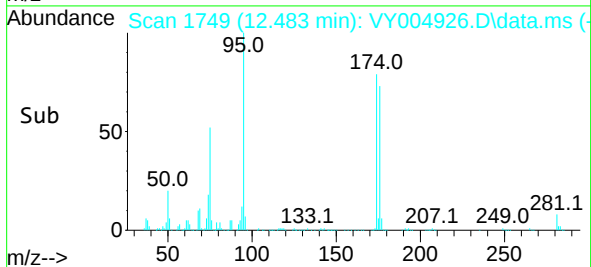
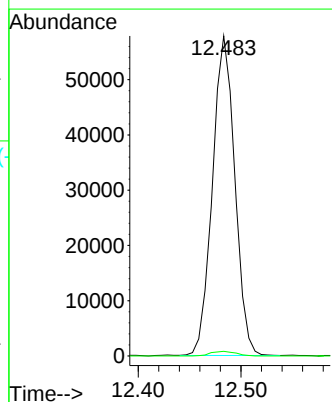
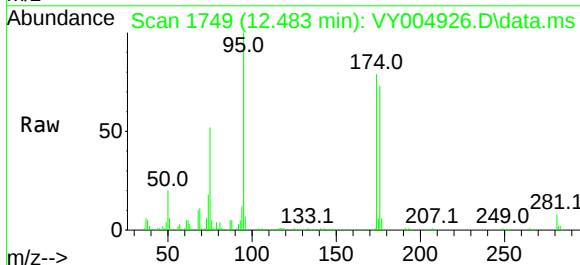
Instrument :
MSVOA_Y
ClientSampled :

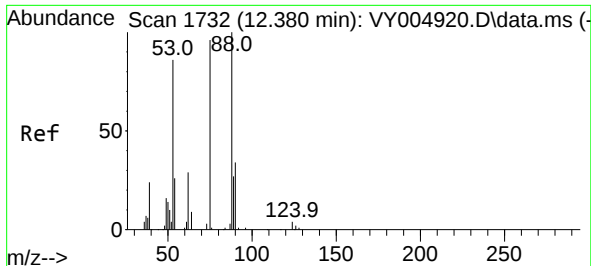
Tgt Ion:152 Resp: 168184
Ion Ratio Lower Upper
152 100
115 59.8 29.9 89.7
150 157.5 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 47.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Tgt Ion: 75 Resp: 87254
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

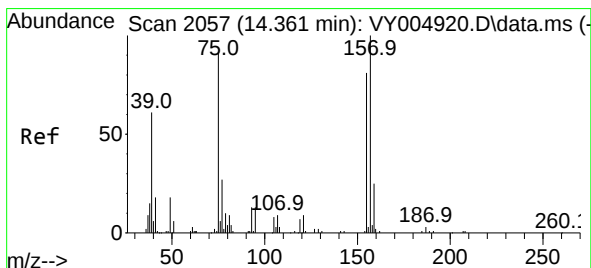
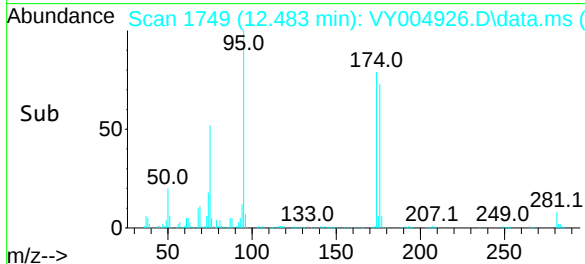
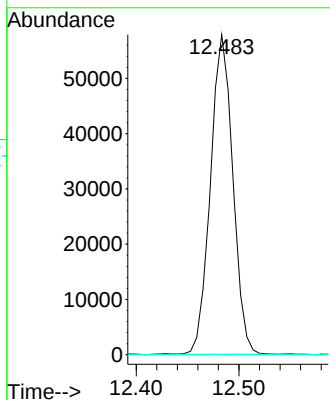
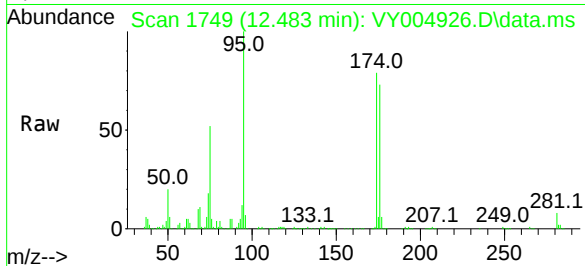




#81
trans-1,4-Dichloro-2-butene
Concen: 86.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 87254
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.0 35.0 52.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.05 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004926.D
Acq: 03 Jun 2021 10:57

Tgt Ion: 75 Resp: 445
Ion Ratio Lower Upper
75 100
155 0.0 42.9 128.5#
157 0.0 54.1 162.4#

