

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004702.D
 Acq On : 04 May 2021 09:45
 Operator : SY/MD
 Sample : VY0504SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:30:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

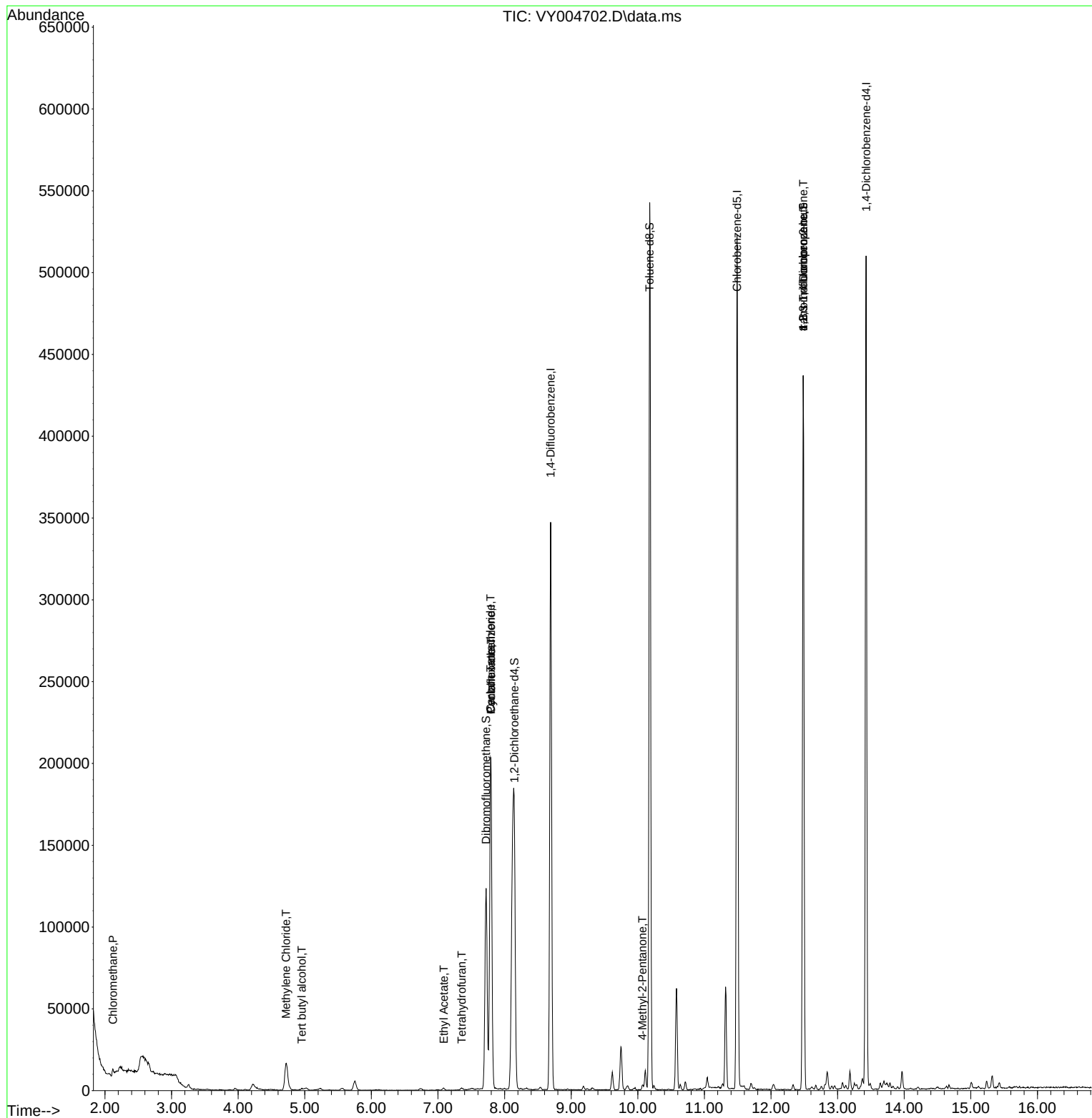
Internal Standards						
1) Pentafluorobenzene	7.795	168	155897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276978	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	104036	60.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.12%			
35) Dibromofluoromethane	7.722	113	83879	54.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.14%			
50) Toluene-d8	10.179	98	342411	52.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.74%			
62) 4-Bromofluorobenzene	12.483	95	115965	52.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.54%			
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	2567	1.23	ug/l	100
11) Tert butyl alcohol	4.954	59	1738	10.18	ug/l #	76
16) Acetone	3.954	43	1868	Below Cal		92
20) Methylene Chloride	4.716	84	11450	6.84	ug/l	97
29) Tetrahydrofuran	7.356	42	814	1.73	ug/l #	84
31) Cyclohexane	7.795	56	4095	1.29	ug/l #	22
37) Ethyl Acetate	7.088	43	2059	1.16	ug/l #	80
38) Carbon Tetrachloride	7.789	117	15841	6.66	ug/l #	17
51) 4-Methyl-2-Pentanone	10.069	43	2344	1.36	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	64839	49.56	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64839	88.65	ug/l #	12

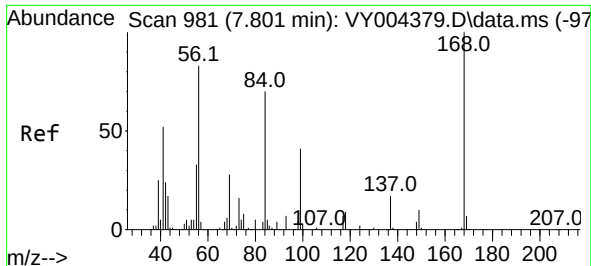
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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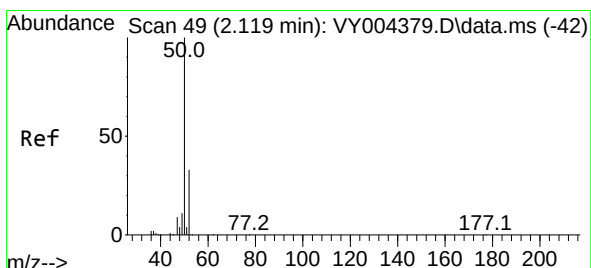
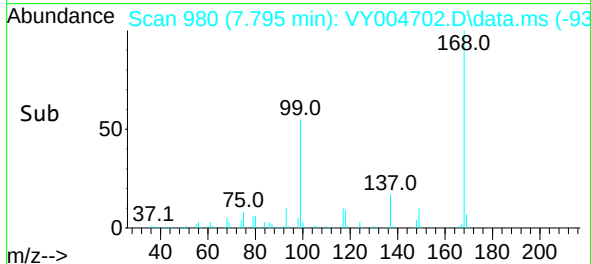
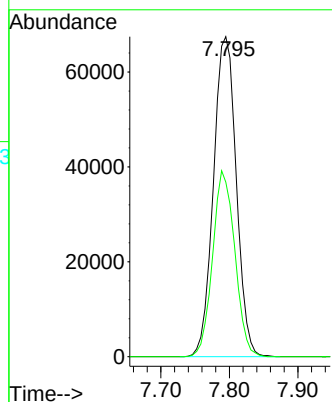
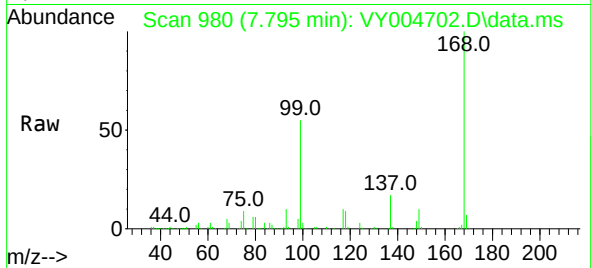




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

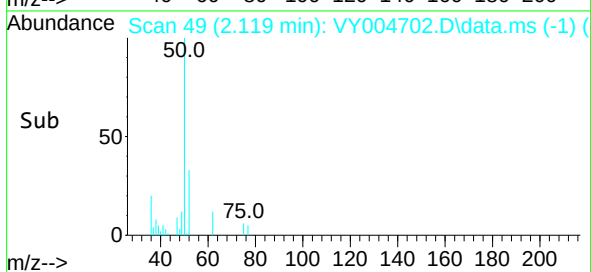
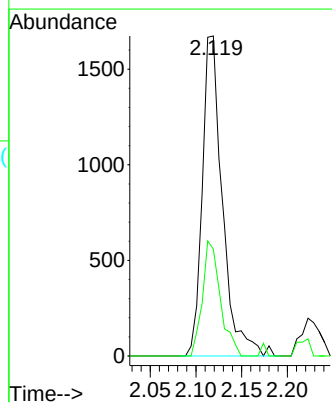
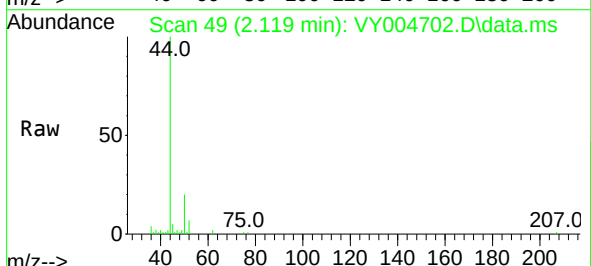
Instrument :
MSVOA_Y
ClientSampleId :

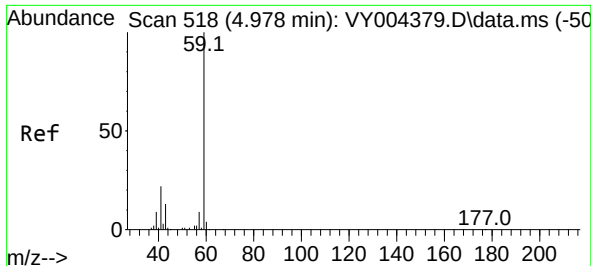
Tgt Ion:168 Resp: 155897
Ion Ratio Lower Upper
168 100
99 54.5 45.5 68.3



#3
Chloromethane
Concen: 1.23 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

Tgt Ion: 50 Resp: 2567
Ion Ratio Lower Upper
50 100
52 33.4 26.6 39.8



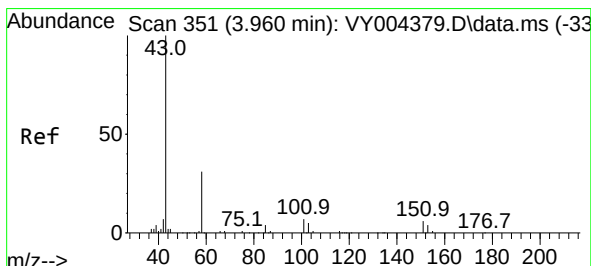
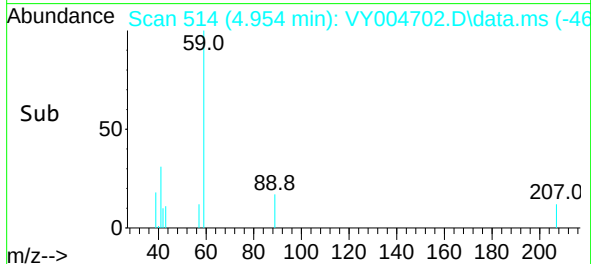
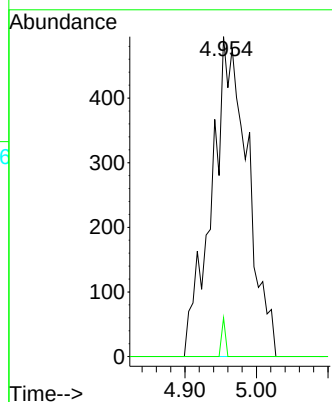
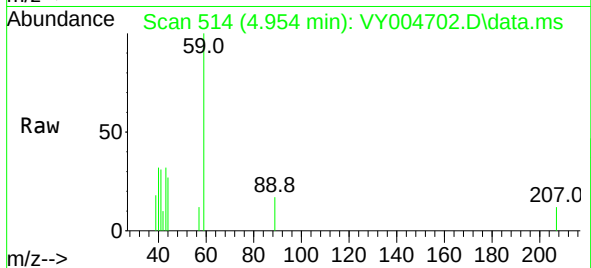


#11

Tert butyl alcohol
Concen: 10.18 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

Instrument :
MSVOA_Y
ClientSampled :

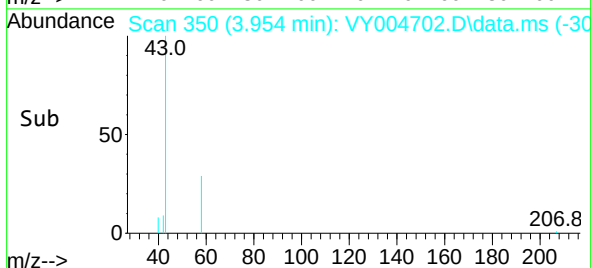
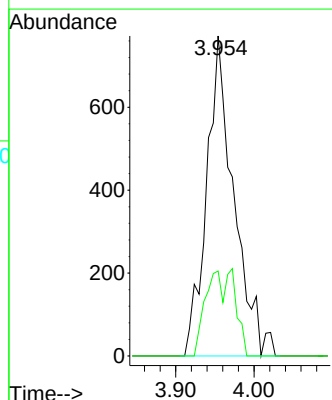
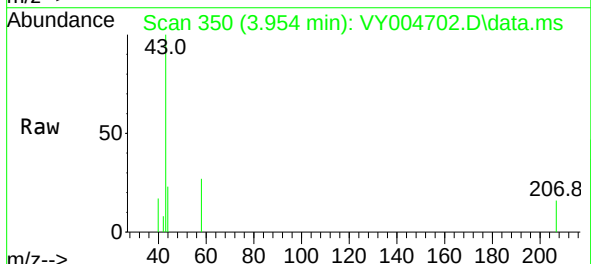
Tgt Ion: 59 Resp: 1738
Ion Ratio Lower Upper
59 100
57 1.3 8.1 12.1#

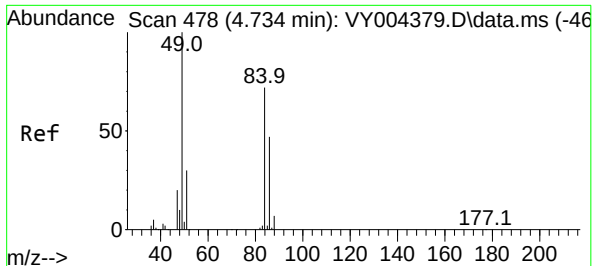


#16

Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

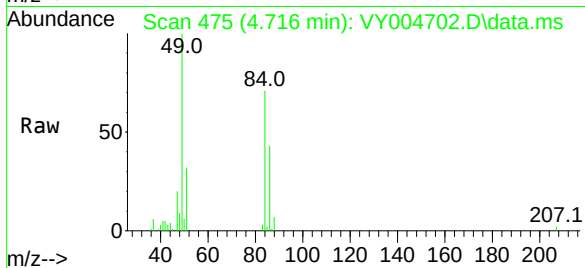
Tgt Ion: 43 Resp: 1868
Ion Ratio Lower Upper
43 100
58 26.6 24.6 37.0



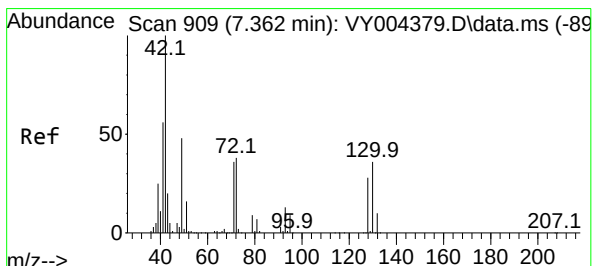
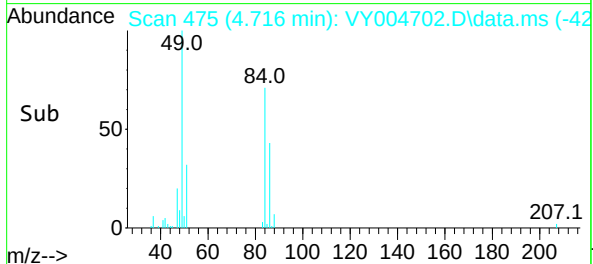
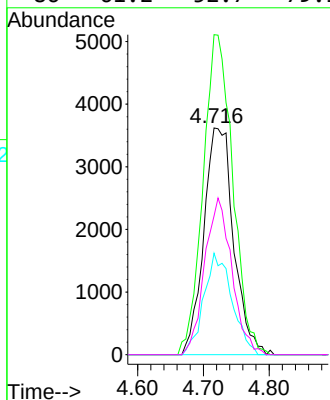


#20
Methylene Chloride
Concen: 6.84 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

Instrument :
MSVOA_Y
ClientSampled :

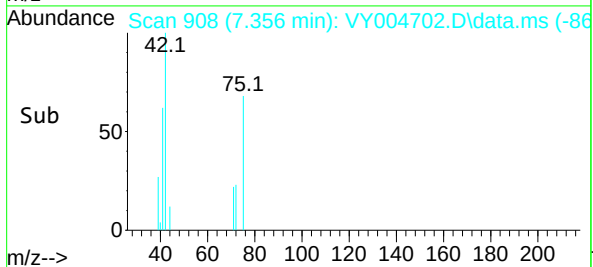
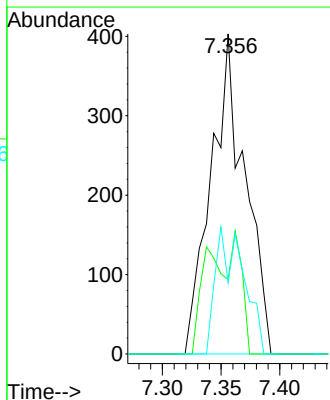
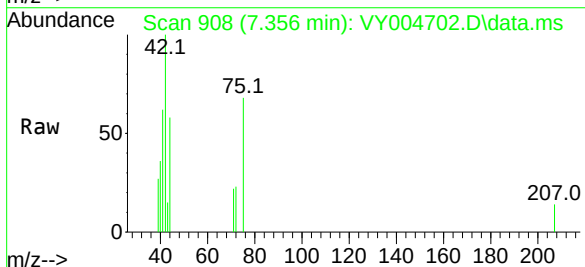


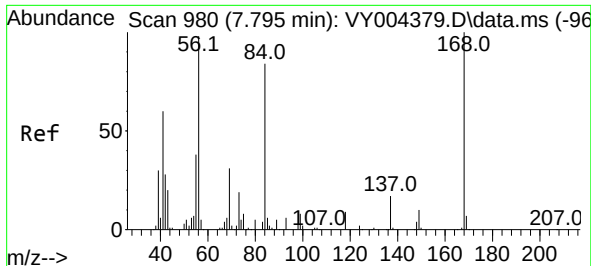
Tgt Ion: 84 Resp: 11450
Ion Ratio Lower Upper
84 100
49 141.1 111.2 166.8
51 44.7 33.4 50.2
86 61.2 52.7 79.1



#29
Tetrahydrofuran
Concen: 1.73 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

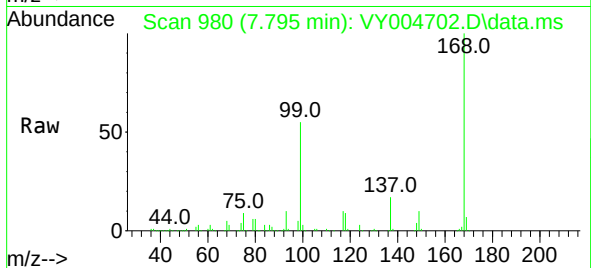
Tgt Ion: 42 Resp: 814
Ion Ratio Lower Upper
42 100
72 23.8 31.0 46.4#
71 32.4 28.8 43.2



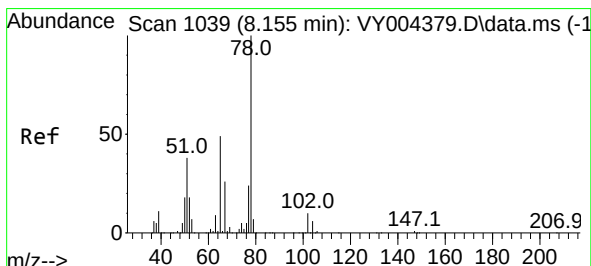
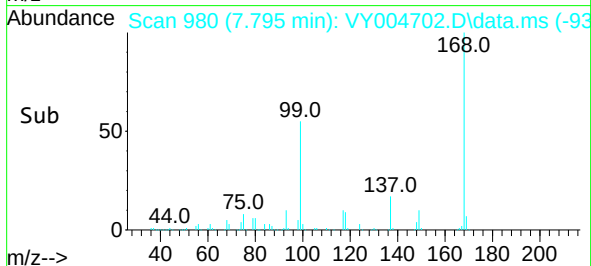
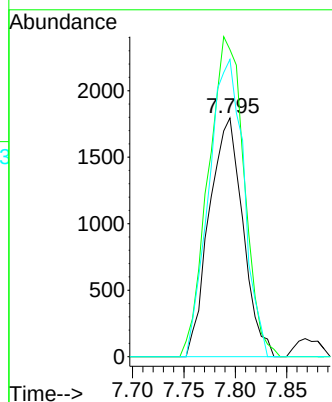


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

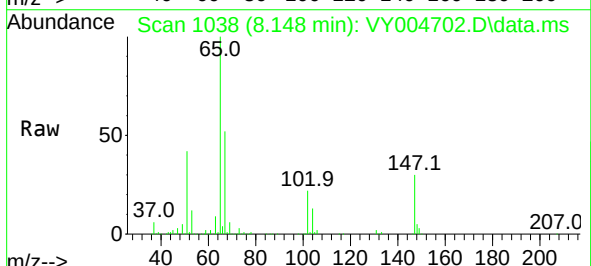
Instrument :
MSVOA_Y
ClientSampled :



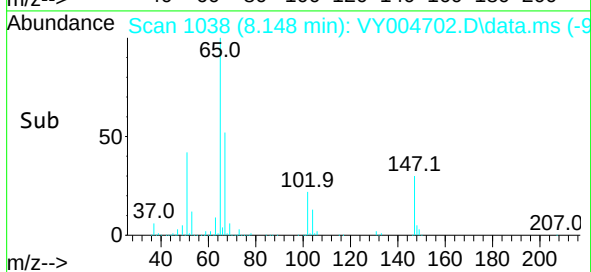
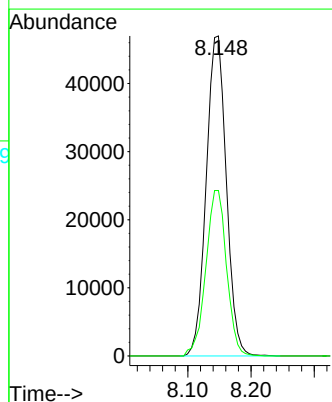
Tgt Ion: 56 Resp: 4095
Ion Ratio Lower Upper
56 100
69 128.6 25.8 38.6#
84 124.5 68.2 102.4#

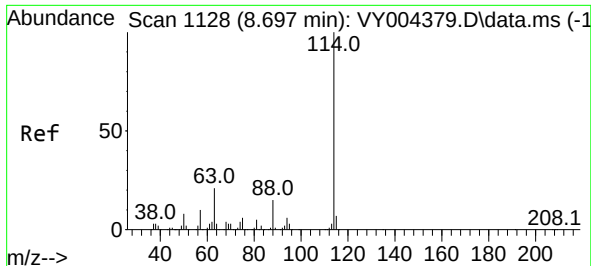


#33
1,2-Dichloroethane-d4
Concen: 60.06 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45



Tgt Ion: 65 Resp: 104036
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY004702.D

Acq: 04 May 2021 09:45

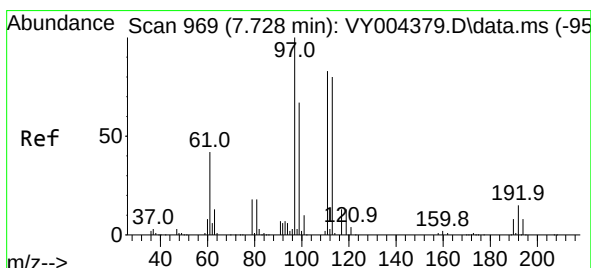
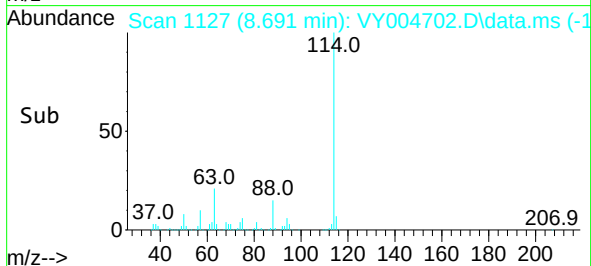
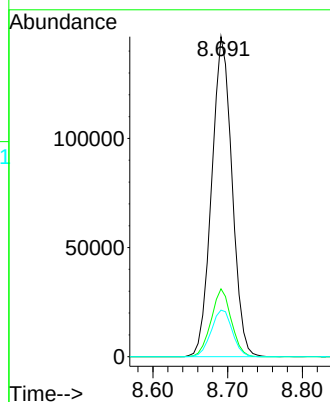
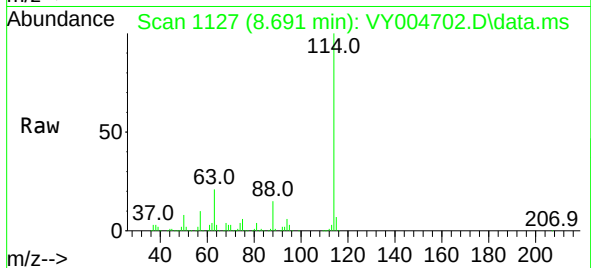
Tgt Ion:114 Resp: 276978

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 14.5 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.57 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004702.D

Acq: 04 May 2021 09:45

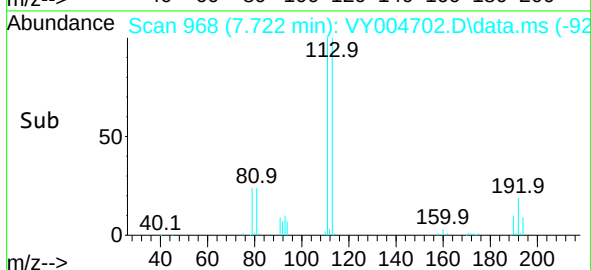
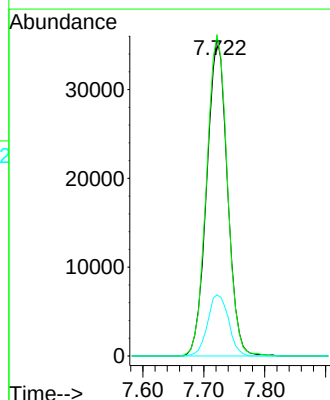
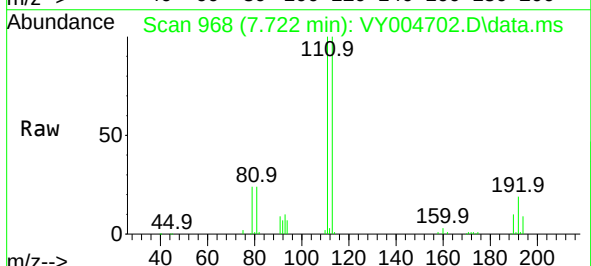
Tgt Ion:113 Resp: 83879

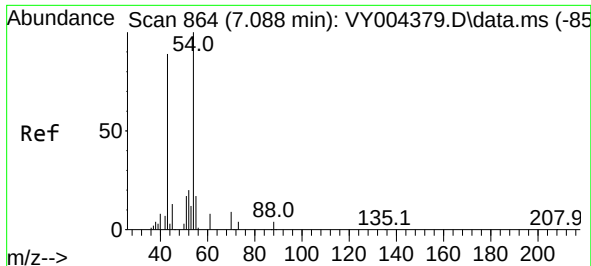
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 19.6 16.1 24.1





#37

Ethyl Acetate

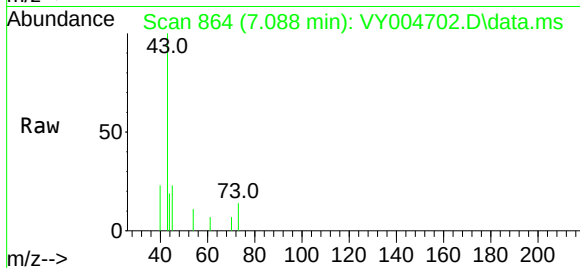
Concen: 1.16 ug/l

RT: 7.088 min Scan# 864

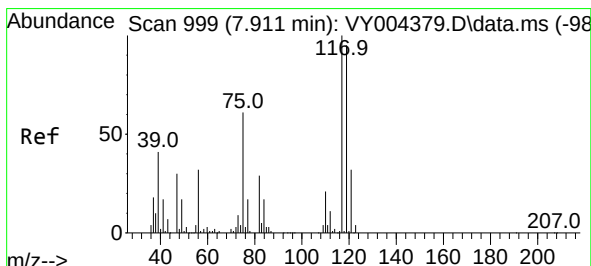
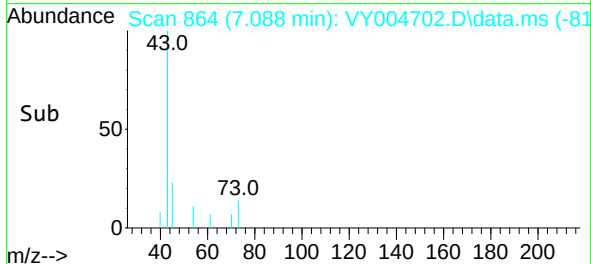
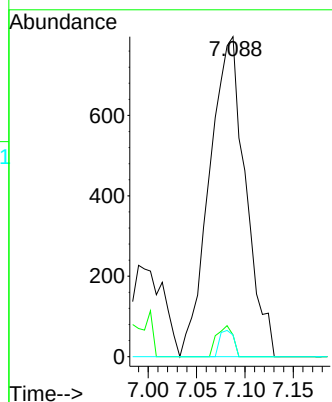
Delta R.T. 0.000 min

Lab File: VY004702.D

Acq: 04 May 2021 09:45



Tgt Ion:	43	Resp:	2059
Ion	Ratio	Lower	Upper
43	100		
61	4.4	10.4	15.6#
70	3.2	7.5	11.3#



#38

Carbon Tetrachloride

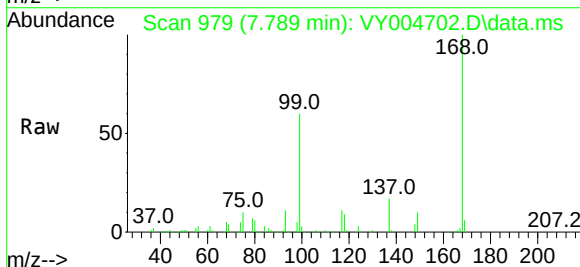
Concen: 6.66 ug/l

RT: 7.789 min Scan# 979

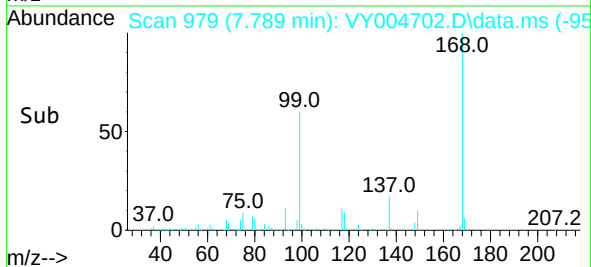
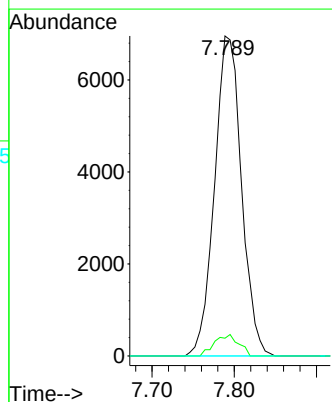
Delta R.T. -0.122 min

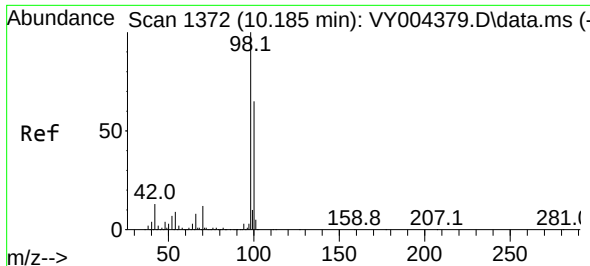
Lab File: VY004702.D

Acq: 04 May 2021 09:45



Tgt Ion:	117	Resp:	15841
Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.8#
121	0.0	25.3	37.9#

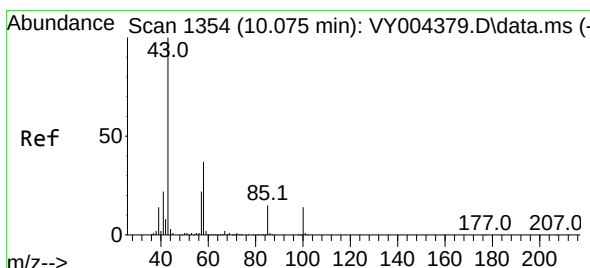
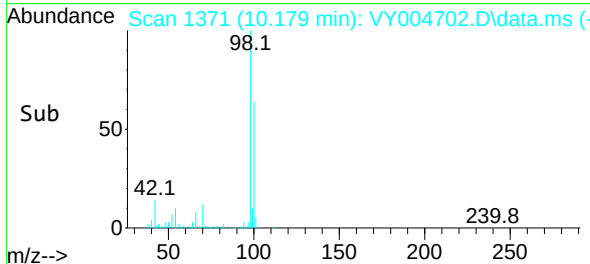
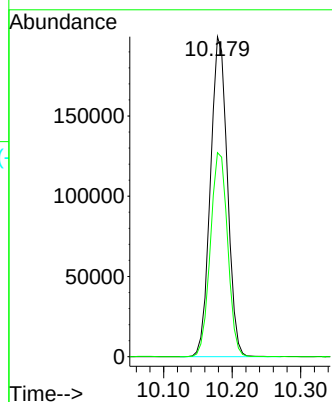
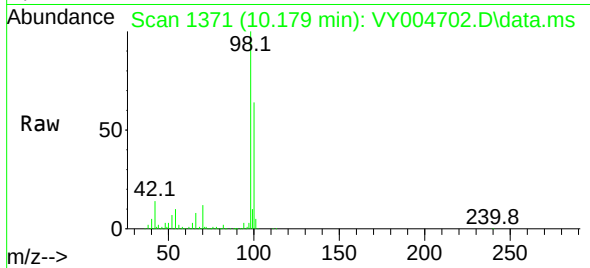




#50
Toluene-d8
Concen: 52.37 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

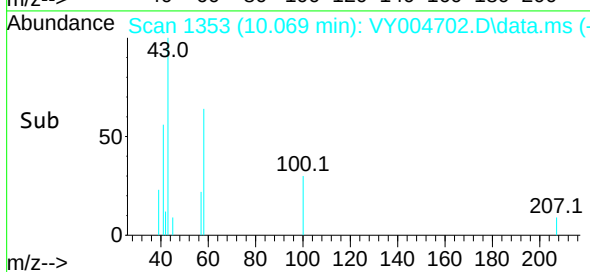
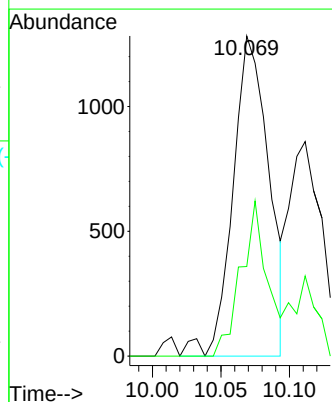
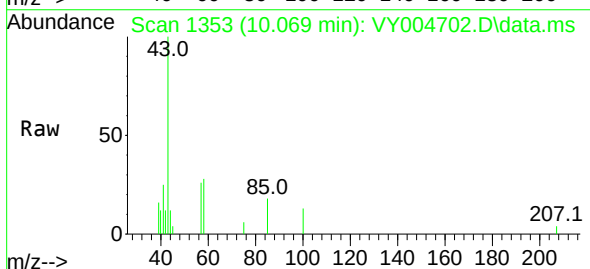
Instrument :
MSVOA_Y
ClientSampled :

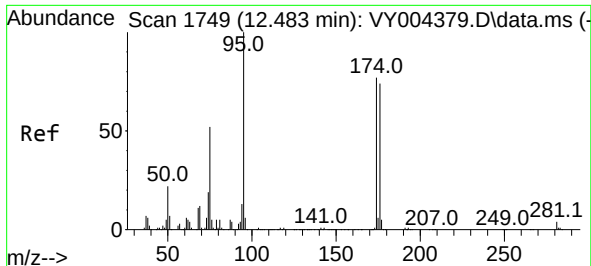
Tgt Ion: 98 Resp: 342411
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.36 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
58 35.3 29.2 43.8

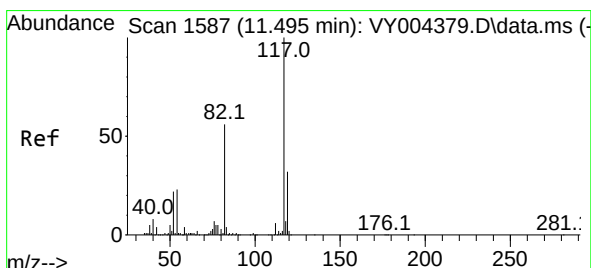
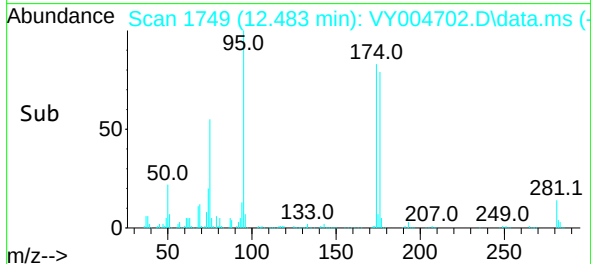
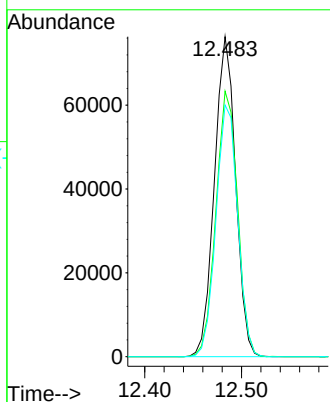
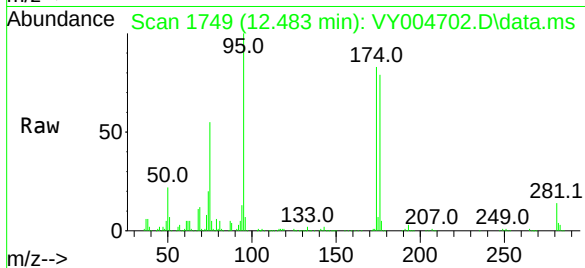




#62
4-Bromofluorobenzene
Concen: 52.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

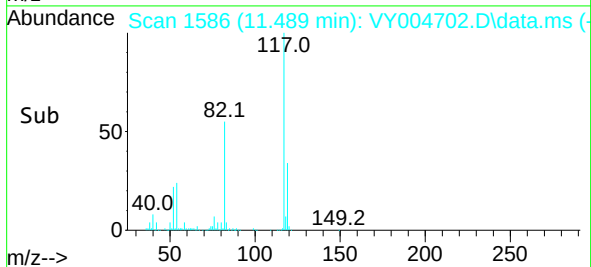
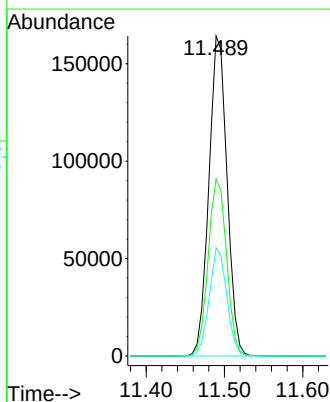
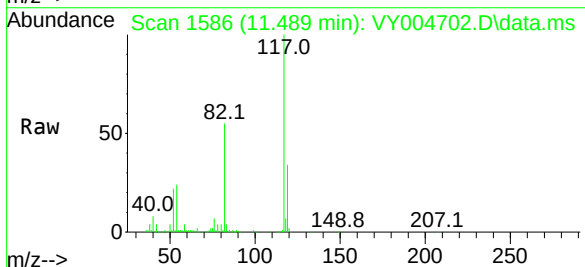
Instrument :
MSVOA_Y
ClientSampleId :

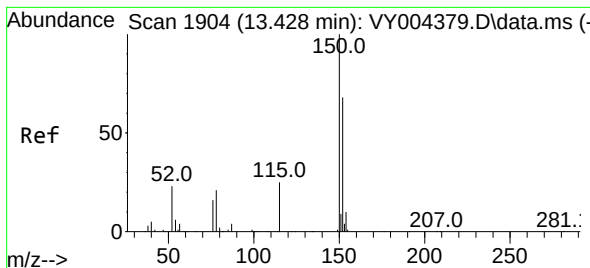
Tgt Ion: 95 Resp: 115965
Ion Ratio Lower Upper
95 100
174 84.8 0.0 162.4
176 80.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

Tgt Ion: 117 Resp: 264263
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 33.8 25.4 38.0

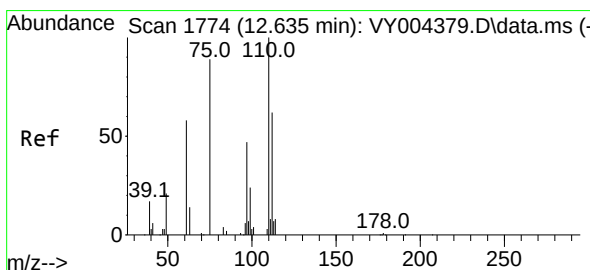
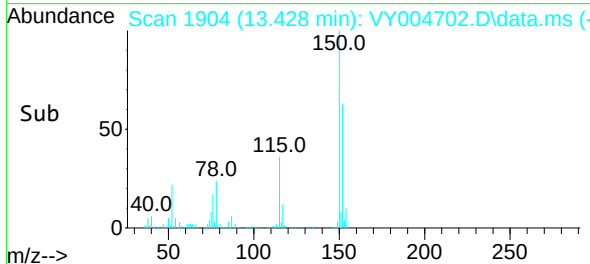
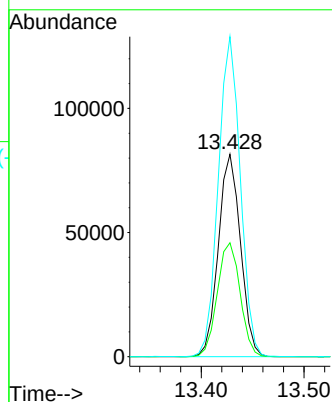
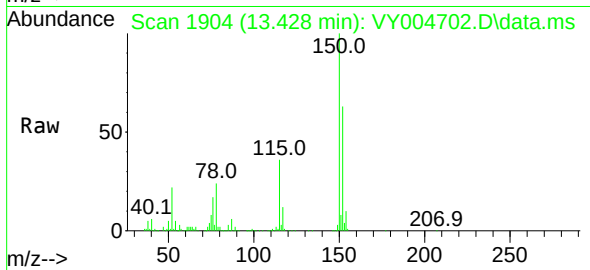




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

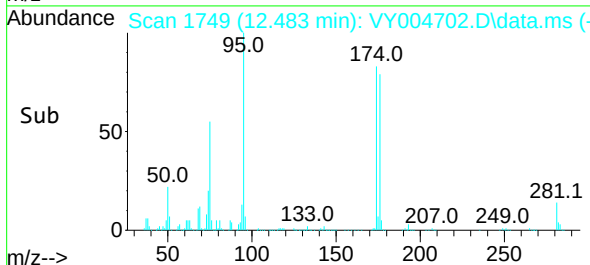
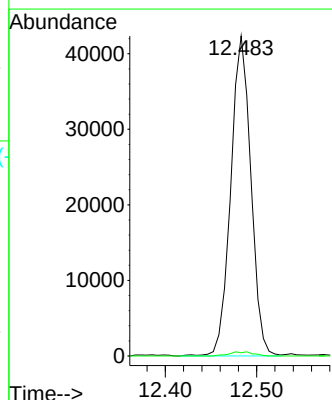
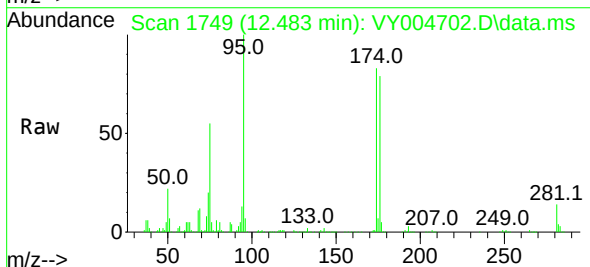
Instrument :
MSVOA_Y
ClientSampled :

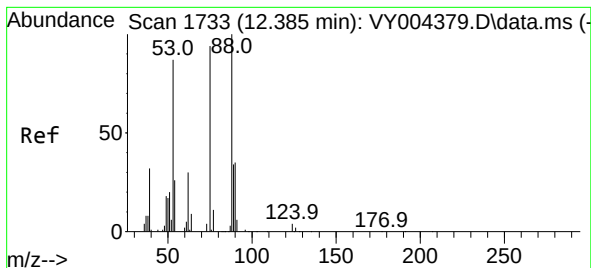
Tgt Ion:152 Resp: 121902
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.8
150 157.3 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 49.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004702.D
Acq: 04 May 2021 09:45

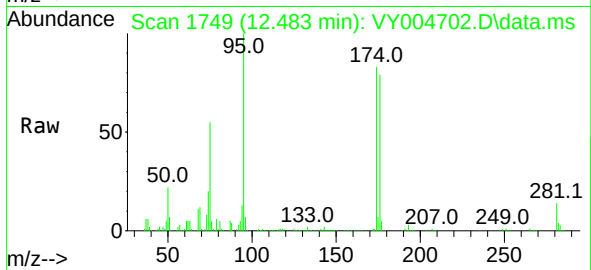
Tgt Ion: 75 Resp: 64839
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.65 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004702.D
 Acq: 04 May 2021 09:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 64839
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.2 36.1 54.1#

