

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
 Data File : VY004877.D
 Acq On : 26 May 2021 11:35
 Operator : SY/MD
 Sample : M2525-01
 Misc : 5.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-5

Quant Time: May 27 01:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

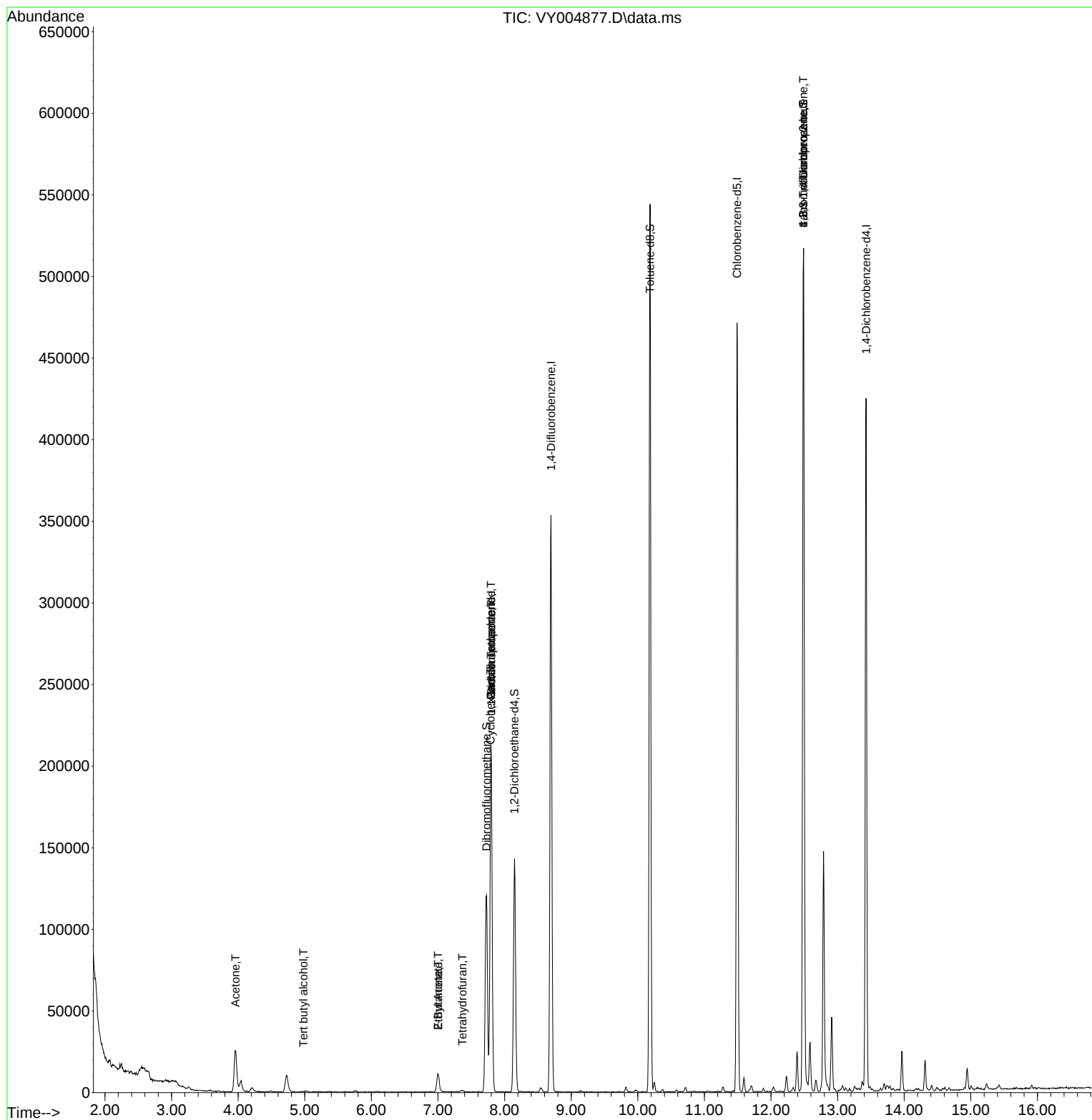
Internal Standards						
1) Pentafluorobenzene	7.795	168	157756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107976	57.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.00%			
35) Dibromofluoromethane	7.728	113	87632	55.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.74%			
50) Toluene-d8	10.185	98	338226	47.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.48%			
62) 4-Bromofluorobenzene	12.483	95	106330	44.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.94%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.979	59	804	4.26	ug/l #	71
16) Acetone	3.960	43	46844	111.07	ug/l	99
20) Methylene Chloride	4.729	84	6860	Below Cal		95
25) 2-Butanone	7.003	43	20140	26.88	ug/l	96
29) Tetrahydrofuran	7.368	42	575	1.20	ug/l #	78
31) Cyclohexane	7.789	56	3894	1.28	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13463	4.59	ug/l #	50
37) Ethyl Acetate	7.003	43	20140	10.01	ug/l #	73
38) Carbon Tetrachloride	7.795	117	16395	6.21	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	60536	55.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60536	95.56	ug/l #	13

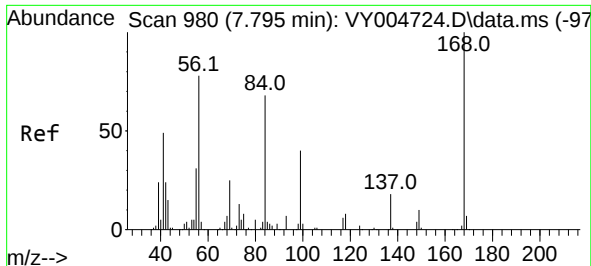
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052621\
Data File : VY004877.D
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Operator : SY/MD
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Misc : 5.60G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TS-5

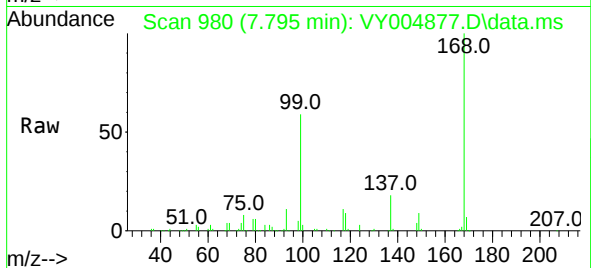
Quant Time: May 27 01:13:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration



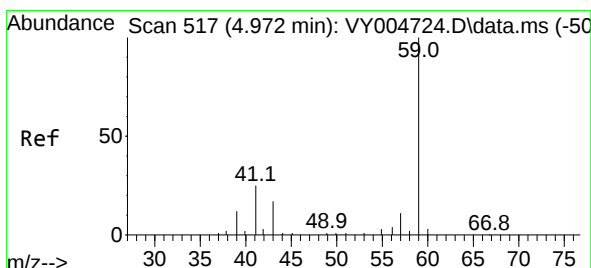
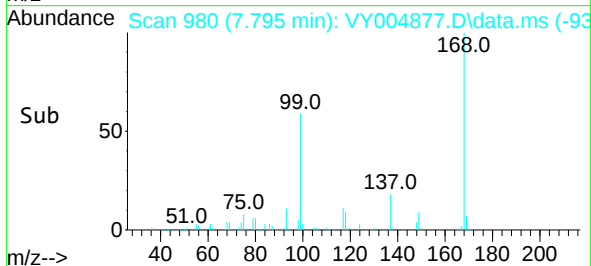
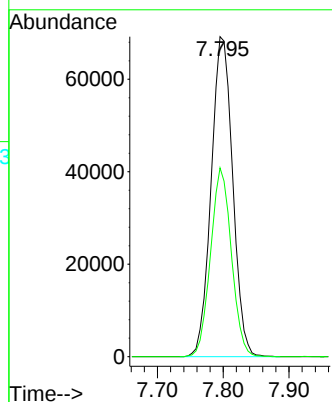


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

Instrument :
MSVOA_Y
ClientSampleId :
TS-5

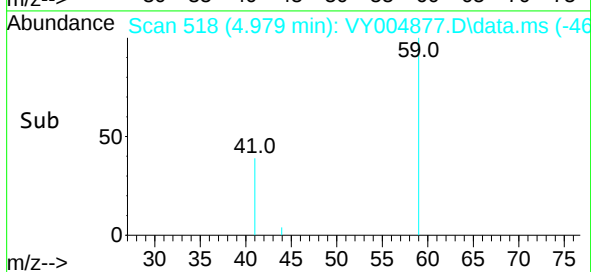
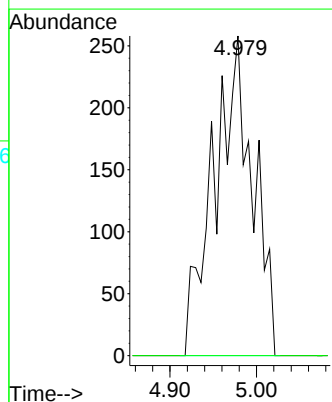
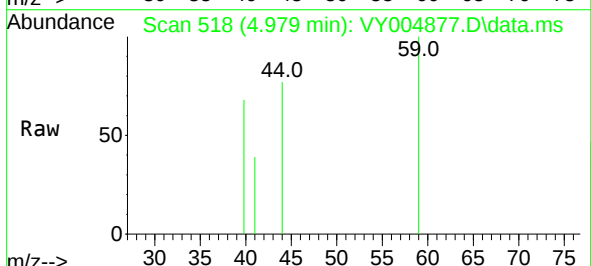


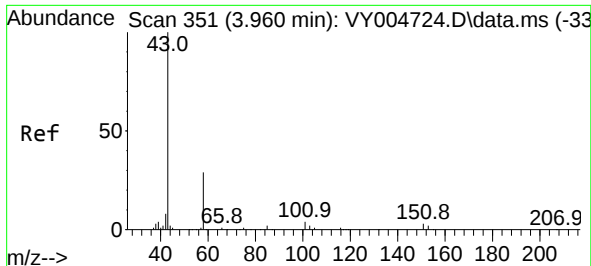
Tgt Ion:168 Resp: 157756
Ion Ratio Lower Upper
168 100
99 59.0 45.6 68.4



#11
Tert butyl alcohol
Concen: 4.26 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

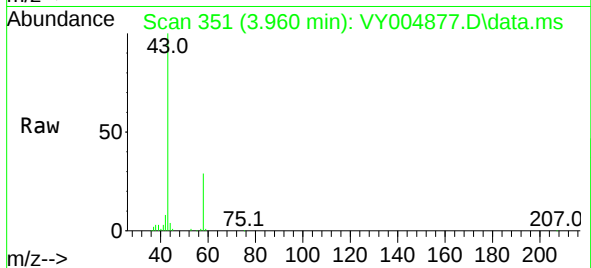
Tgt Ion: 59 Resp: 804
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



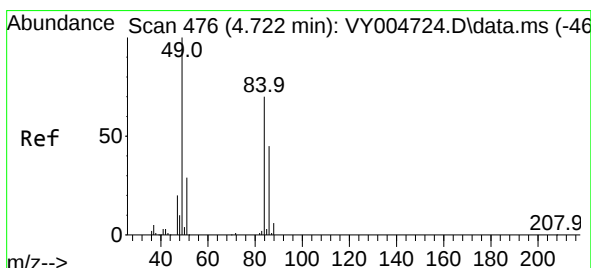
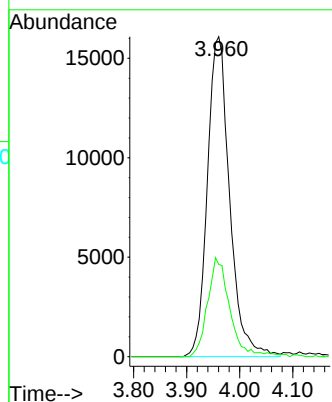
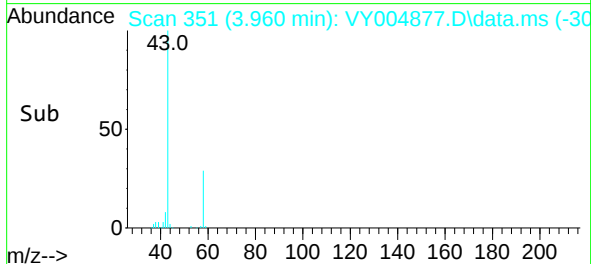


#16
Acetone
Concen: 111.07 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

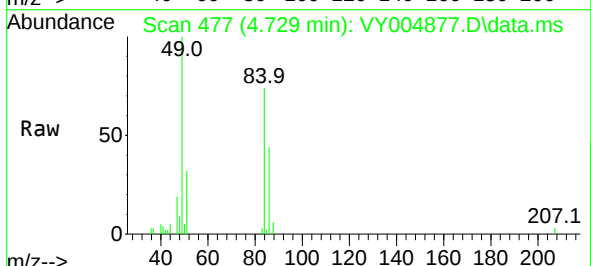
Instrument :
MSVOA_Y
ClientSampled :
TS-5



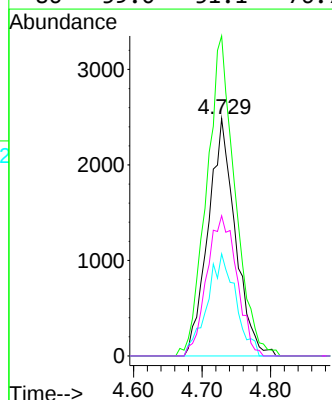
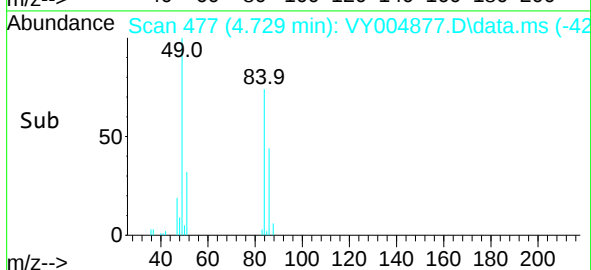
Tgt Ion: 43 Resp: 46844
Ion Ratio Lower Upper
43 100
58 28.8 23.6 35.4

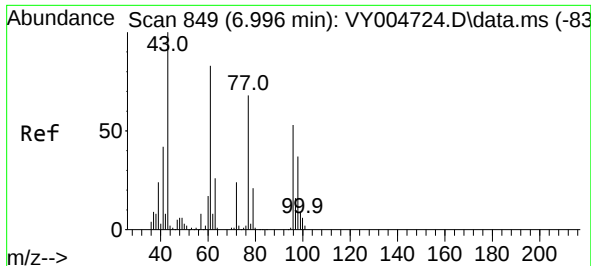


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35



Tgt Ion: 84 Resp: 6860
Ion Ratio Lower Upper
84 100
49 134.7 113.8 170.8
51 42.9 33.5 50.3
86 59.0 51.1 76.7

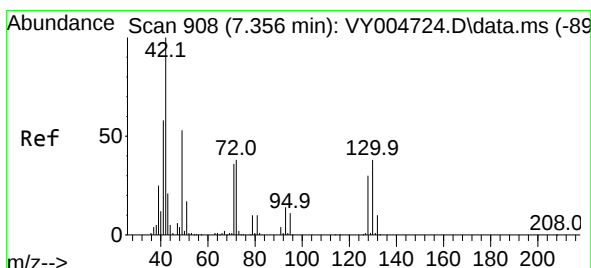
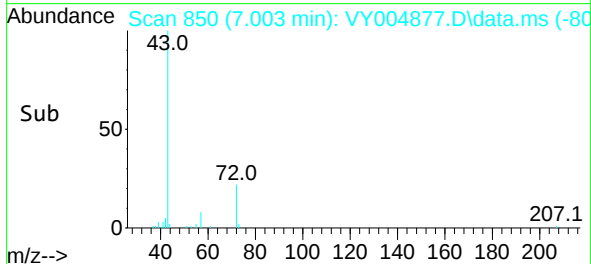
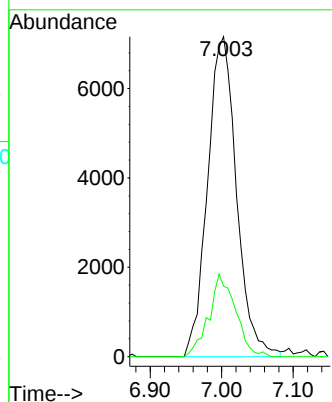
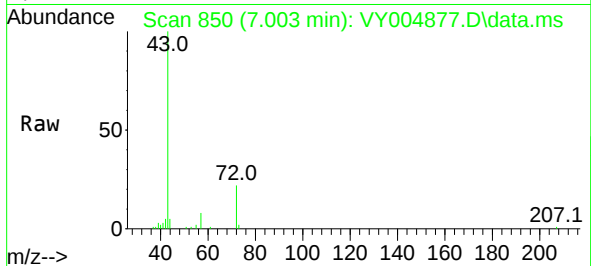




#25
2-Butanone
Concen: 26.88 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

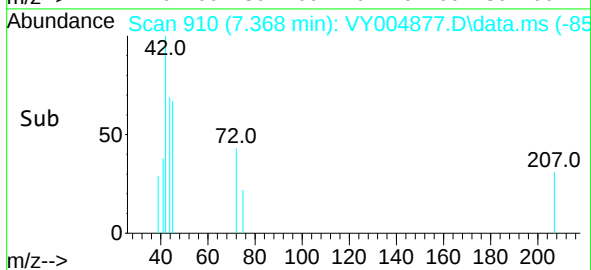
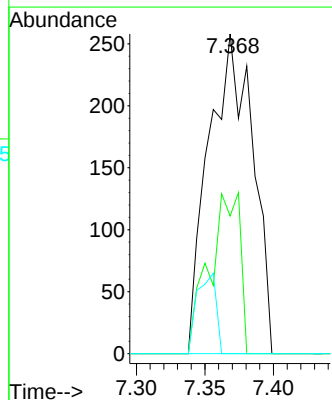
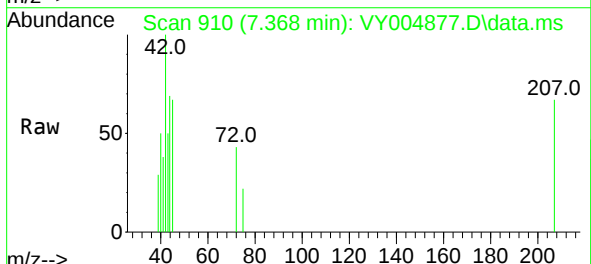
Instrument :
MSVOA_Y
ClientSampled :
TS-5

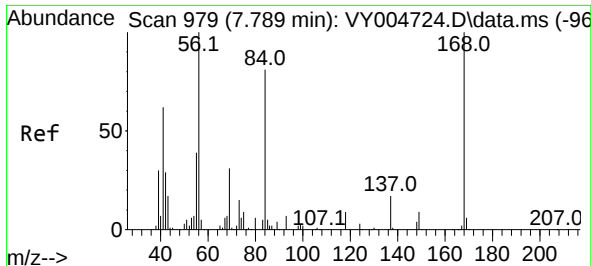
Tgt Ion: 43 Resp: 20140
Ion Ratio Lower Upper
43 100
72 22.1 19.4 29.0



#29
Tetrahydrofuran
Concen: 1.20 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

Tgt Ion: 42 Resp: 575
Ion Ratio Lower Upper
42 100
72 35.1 29.4 44.0
71 11.0 28.0 42.0#

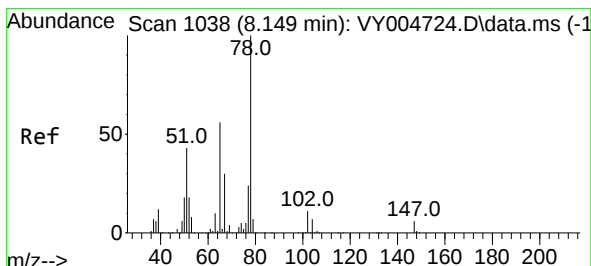
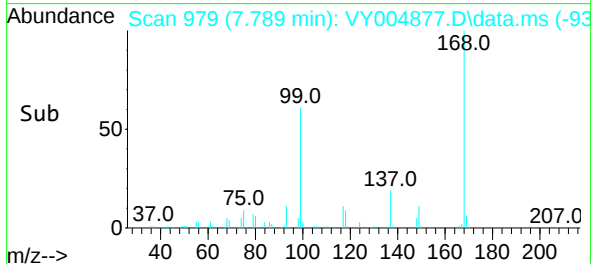
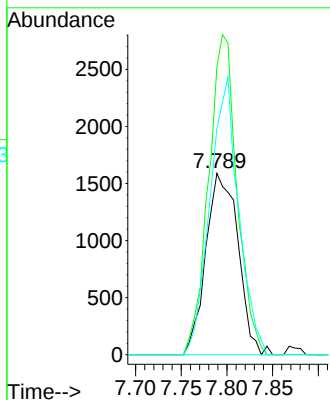
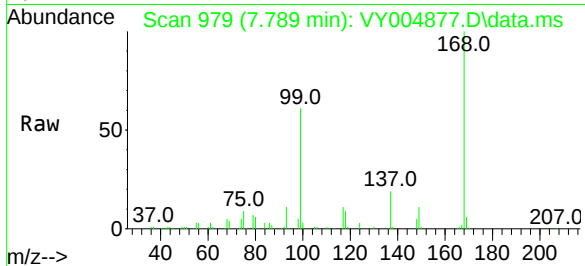




#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

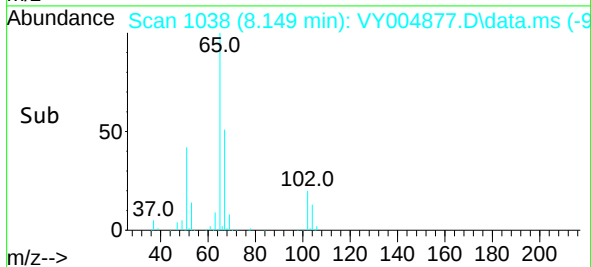
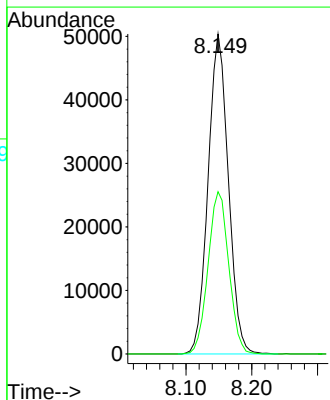
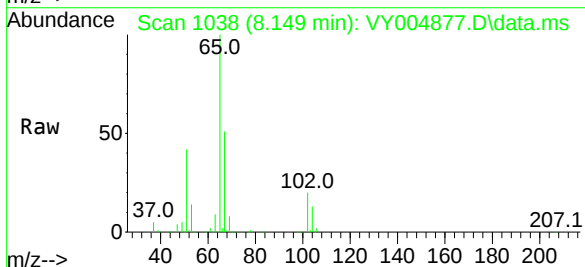
Instrument :
MSVOA_Y
ClientSampled :
TS-5

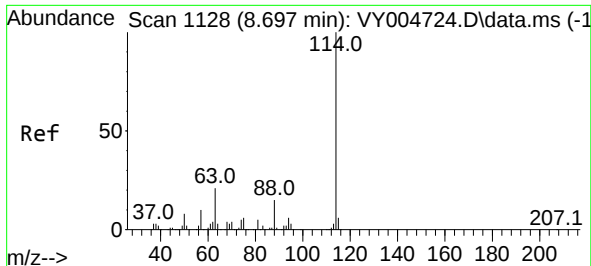
Tgt Ion: 56 Resp: 3894
Ion Ratio Lower Upper
56 100
69 159.0 24.4 36.6#
84 124.9 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 57.50 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

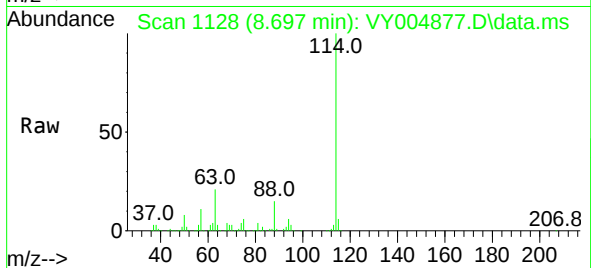
Tgt Ion: 65 Resp: 107976
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.0



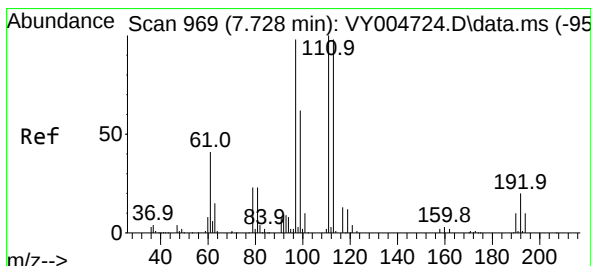
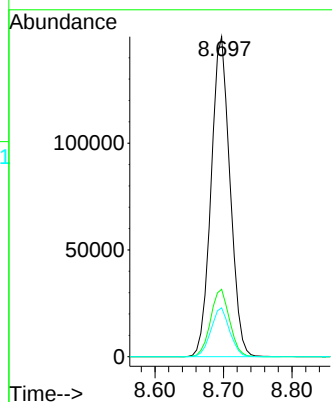
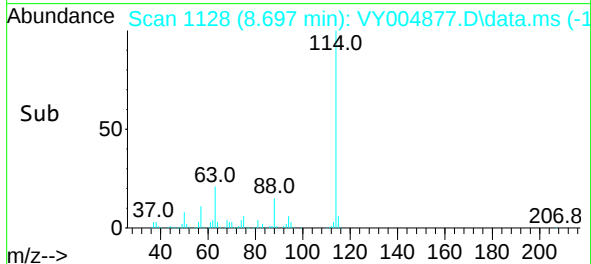


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

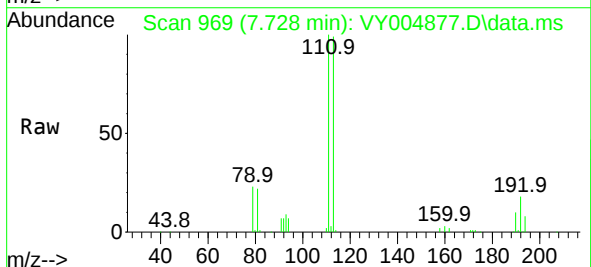
Instrument :
MSVOA_Y
ClientSampled :
TS-5



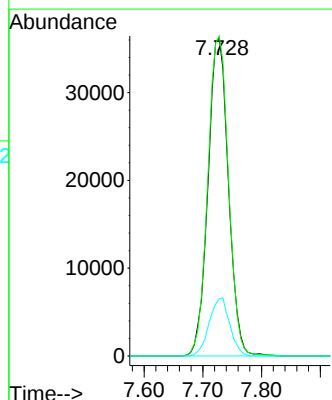
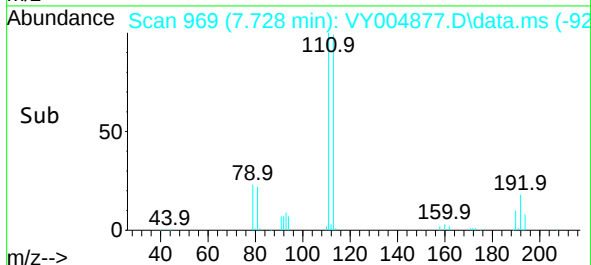
Tgt Ion:114 Resp: 286489
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 15.2 0.0 31.0

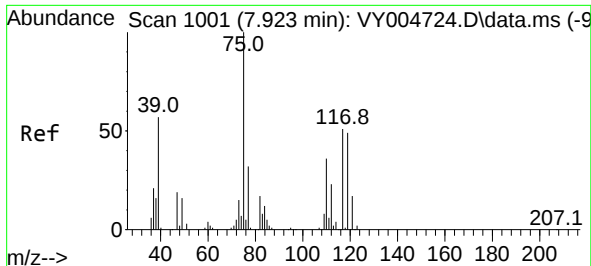


#35
Dibromofluoromethane
Concen: 55.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35



Tgt Ion:113 Resp: 87632
Ion Ratio Lower Upper
113 100
111 101.8 80.5 120.7
192 18.3 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.59 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY004877.D

Acq: 26 May 2021 11:35

Tgt Ion: 75 Resp: 13463

Ion Ratio Lower Upper

75 100

110 8.7 17.0 50.9#

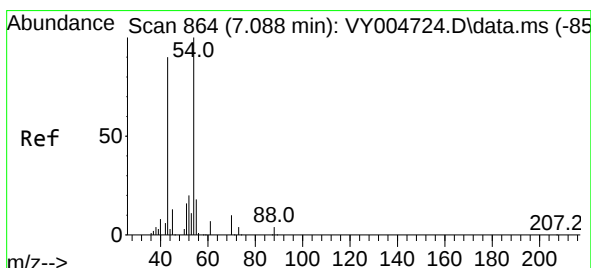
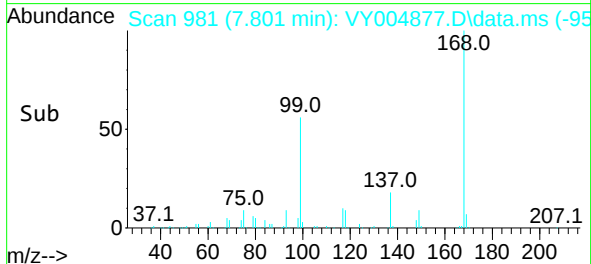
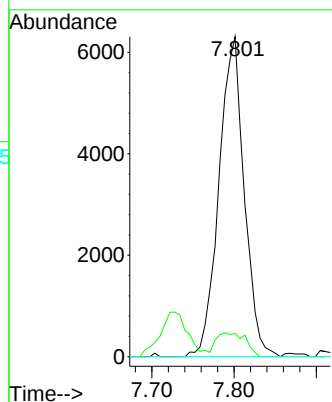
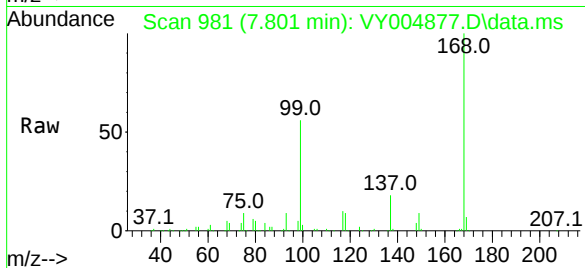
77 0.0 25.0 37.4#

Instrument :

MSVOA_Y

ClientSampled :

TS-5



#37

Ethyl Acetate

Concen: 10.01 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY004877.D

Acq: 26 May 2021 11:35

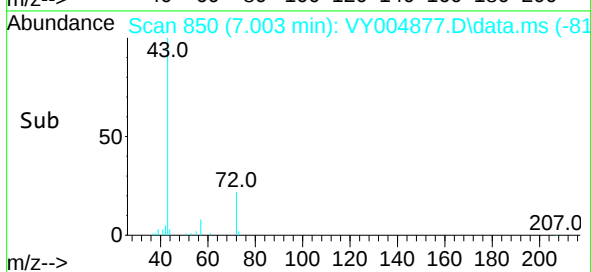
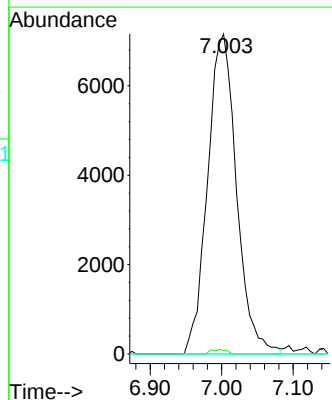
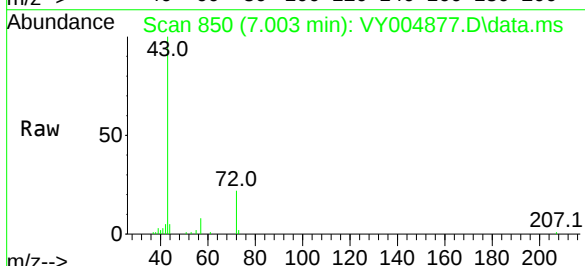
Tgt Ion: 43 Resp: 20140

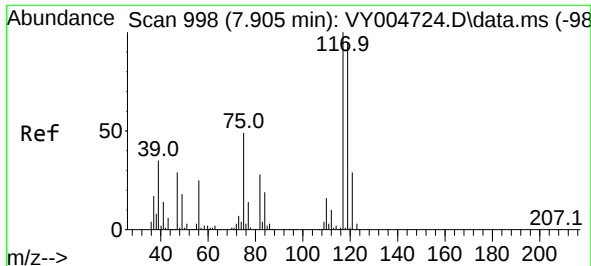
Ion Ratio Lower Upper

43 100

61 0.7 9.9 14.9#

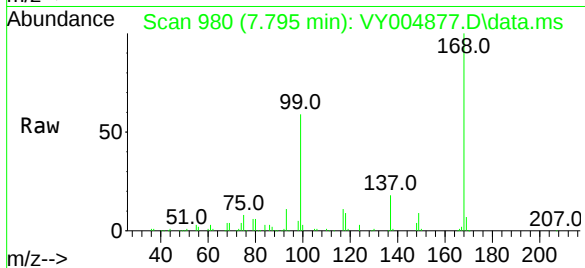
70 0.0 6.7 10.1#



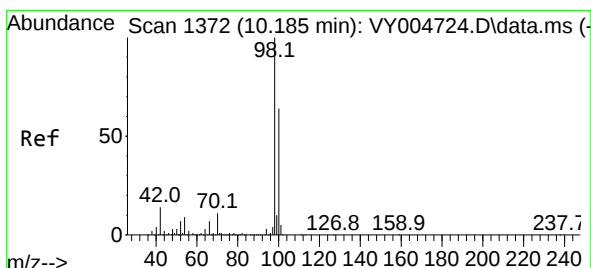
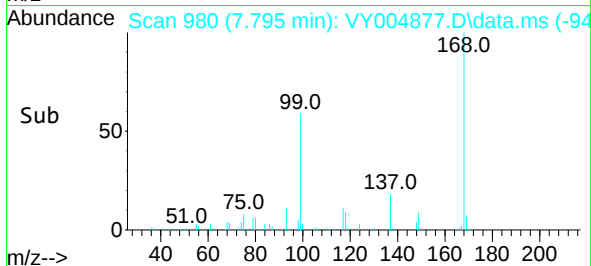
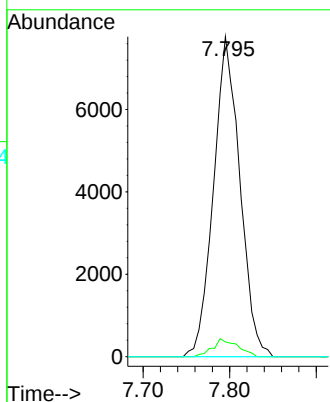


#38
Carbon Tetrachloride
Concen: 6.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

Instrument :
MSVOA_Y
ClientSampled :
TS-5

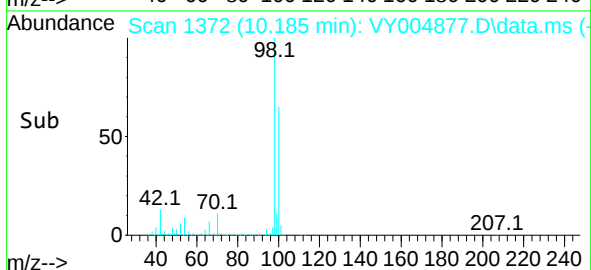
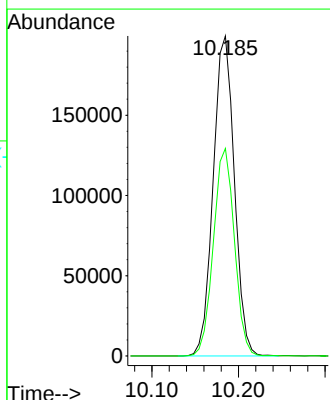
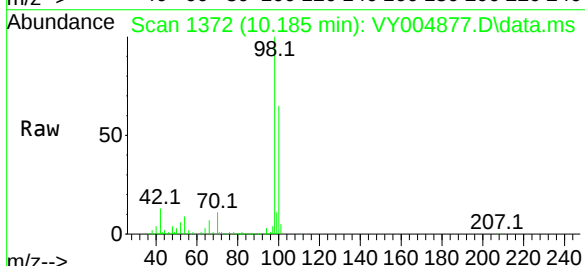


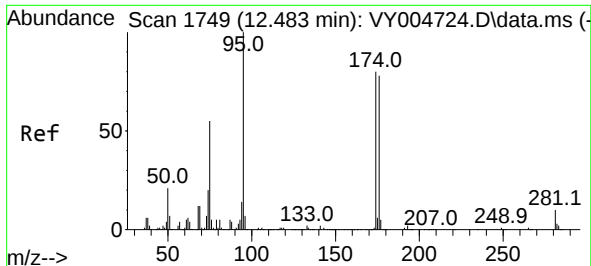
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	23.0	34.6#



#50
Toluene-d8
Concen: 47.74 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3

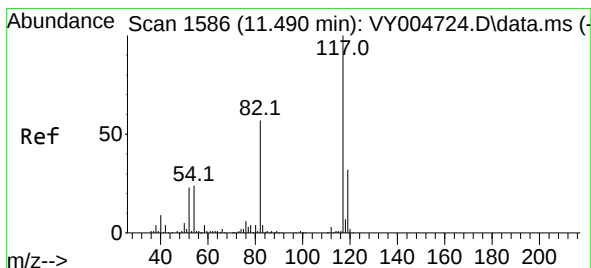
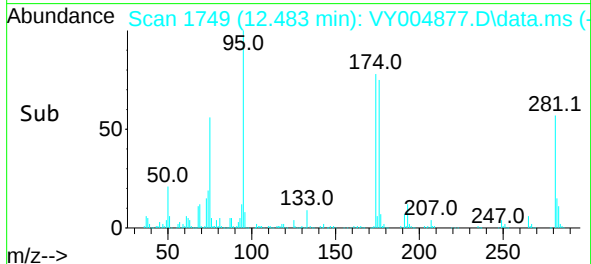
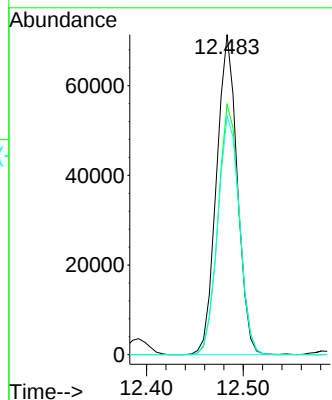
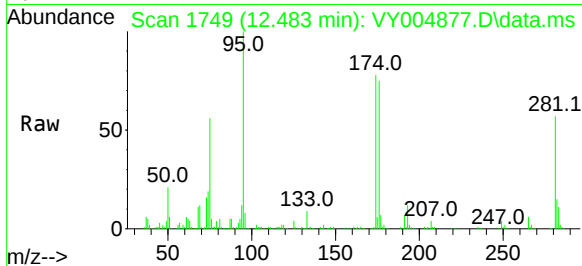




#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

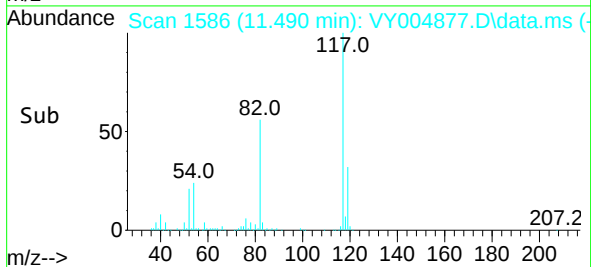
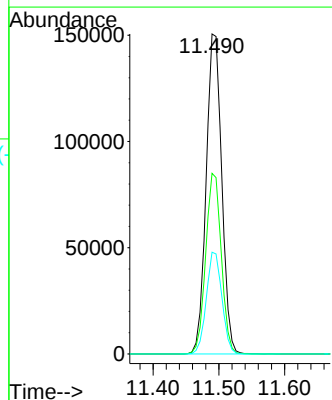
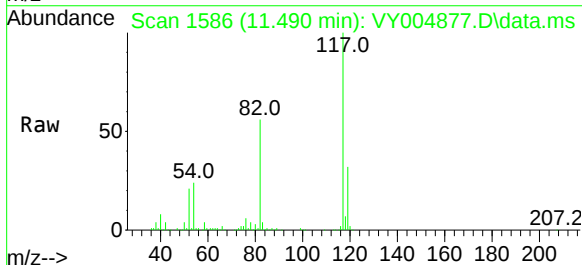
Instrument :
MSVOA_Y
ClientSampleId :
TS-5

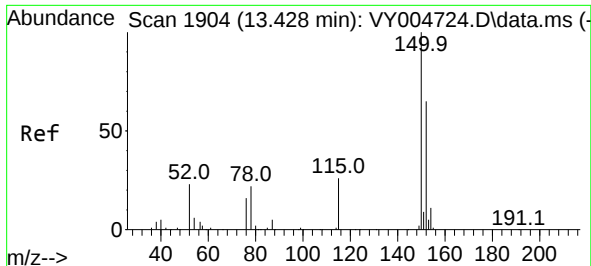
Tgt Ion: 95 Resp: 106330
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.2
176 78.0 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

Tgt Ion: 117 Resp: 248351
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 31.8 25.8 38.6

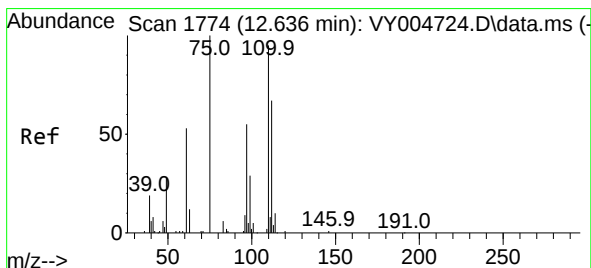
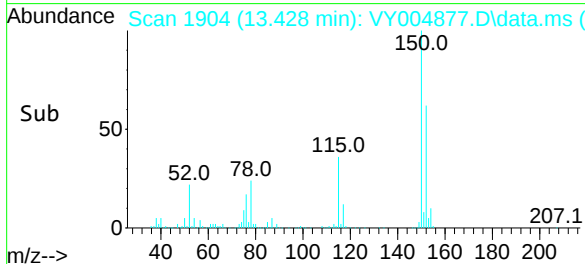
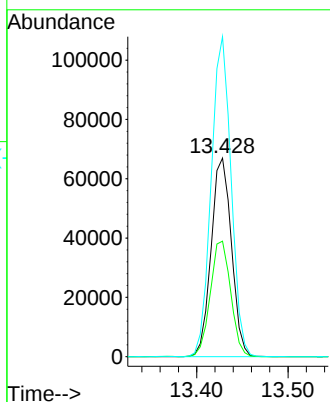
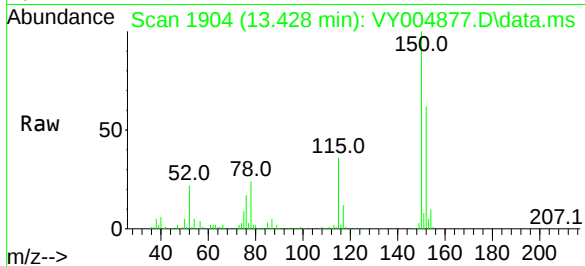




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

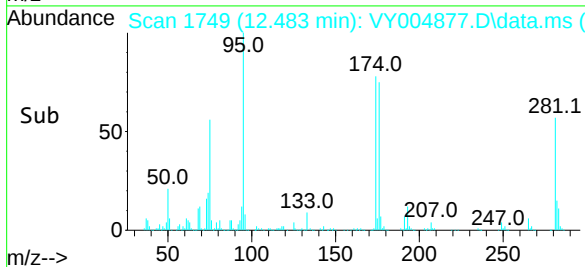
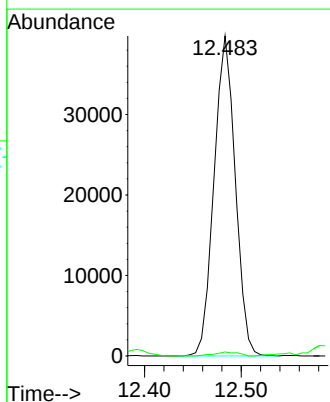
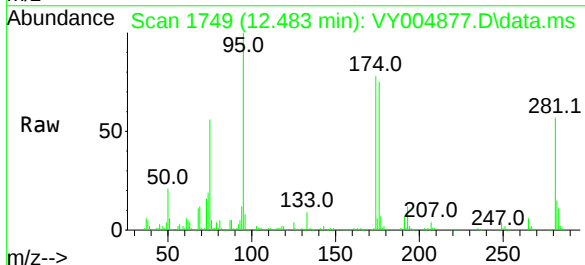
Instrument :
MSVOA_Y
ClientSampled :
TS-5

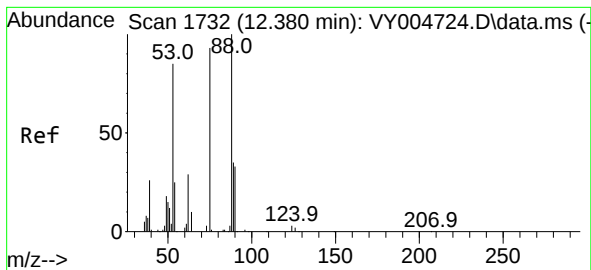
Tgt Ion:152 Resp: 103410
Ion Ratio Lower Upper
152 100
115 58.5 29.4 88.3
150 157.8 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 55.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004877.D
Acq: 26 May 2021 11:35

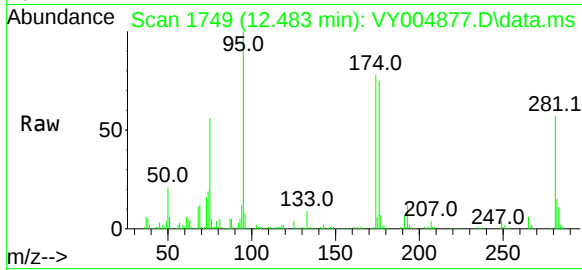
Tgt Ion: 75 Resp: 60536
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.56 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004877.D
 Acq: 26 May 2021 11:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-5



Tgt Ion: 75 Resp: 60536
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 1.5 35.5 53.3#

