

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004577.D
 Acq On : 22 Apr 2021 12:09
 Operator : SY/MD
 Sample : M2117-01
 Misc : 6.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:18:36 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)

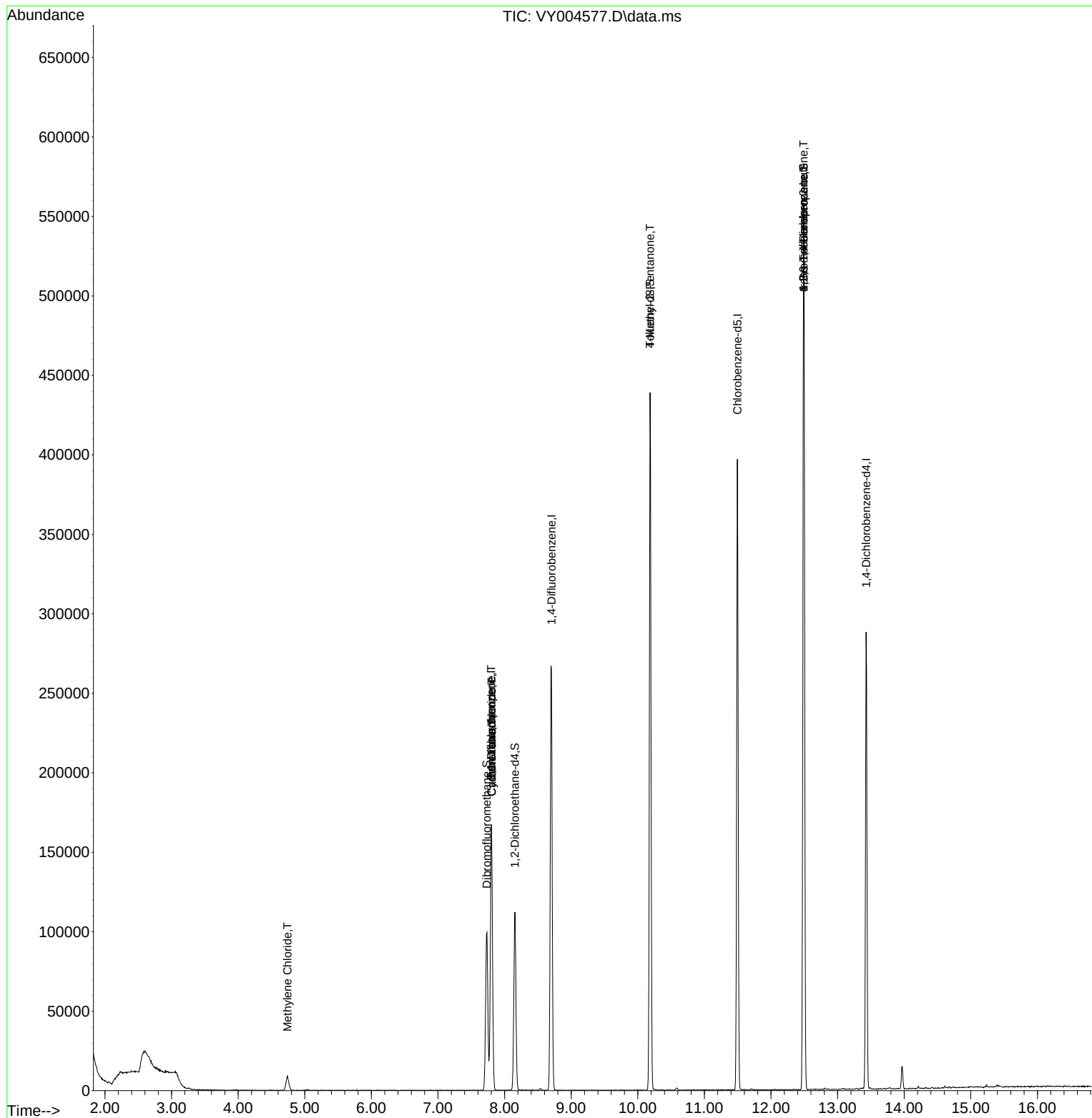
Internal Standards						
1) Pentafluorobenzene	7.801	168	125483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	221896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	84856	60.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.72%			
35) Dibromofluoromethane	7.734	113	68602	55.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.42%			
50) Toluene-d8	10.185	98	267230	51.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.04%			
62) 4-Bromofluorobenzene	12.489	95	80188	45.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.22%			
Target Compounds						
16) Acetone	3.979	43	1018	Below Cal	#	86
20) Methylene Chloride	4.741	84	6010	4.46	ug/l	93
31) Cyclohexane	7.807	56	3016	1.18	ug/l #	40
36) 1,1-Dichloropropene	7.801	75	10354	4.70	ug/l #	49
38) Carbon Tetrachloride	7.807	117	12817	6.72	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1509	1.09	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	48161	65.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	48161	116.94	ug/l #	13

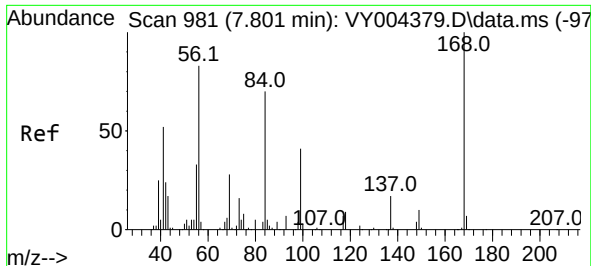
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

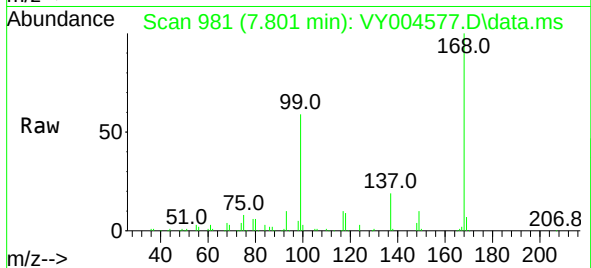
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



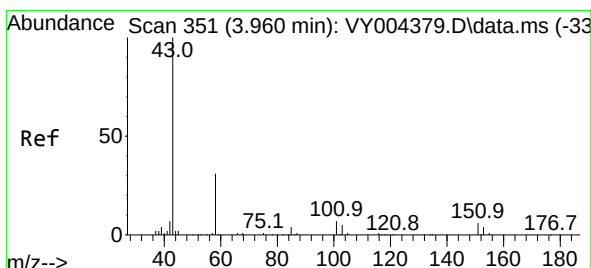
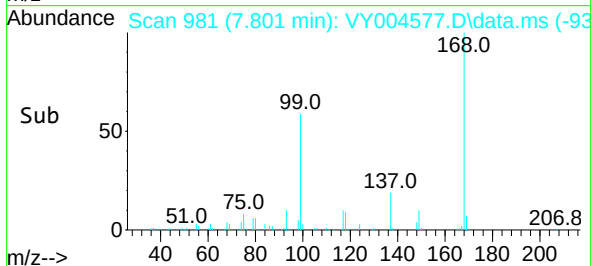
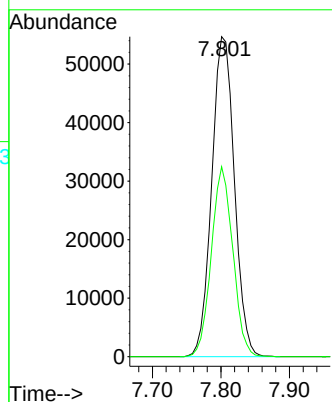


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Instrument :
MSVOA_Y
ClientSampled :

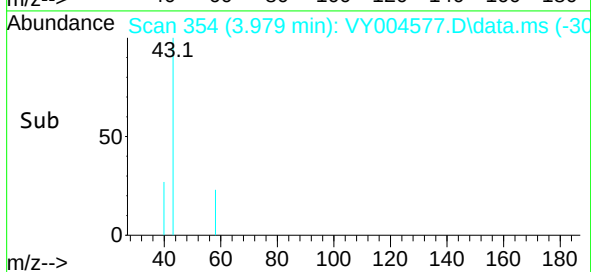
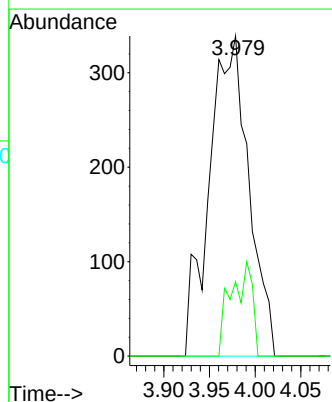
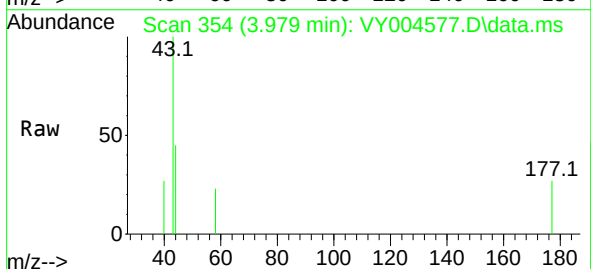


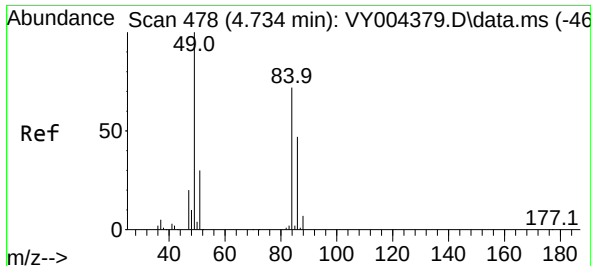
Tgt Ion:168 Resp: 125483
Ion Ratio Lower Upper
168 100
99 59.3 45.5 68.3



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

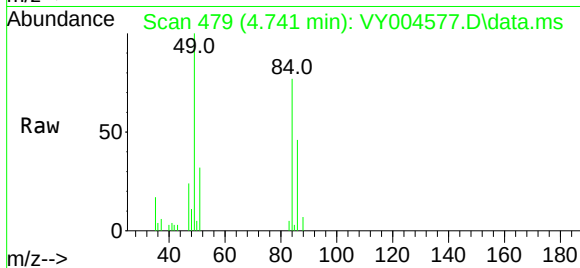
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 23.3 24.6 37.0#





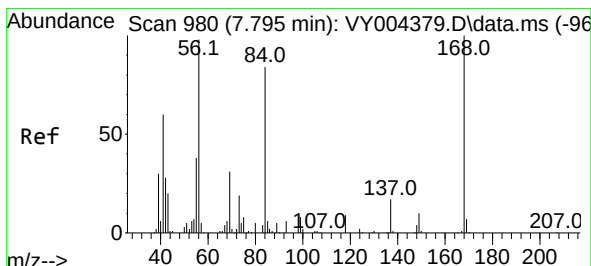
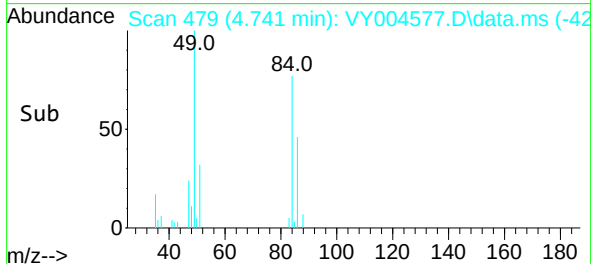
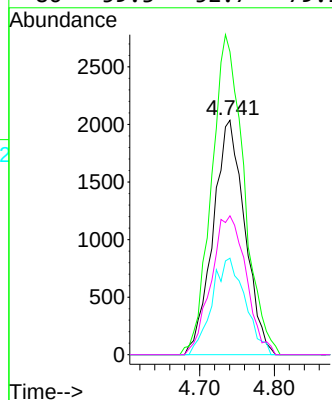
#20
Methylene Chloride
Concen: 4.46 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Instrument :
MSVOA_Y
ClientSampled :

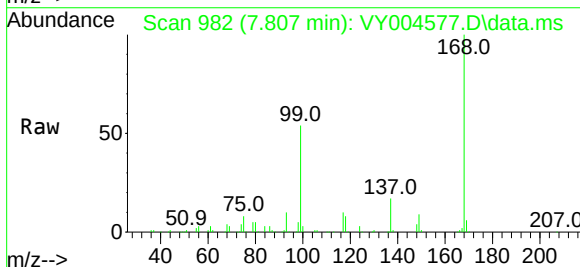


Tgt Ion: 84 Resp: 6010

Ion	Ratio	Lower	Upper
84	100		
49	129.2	111.2	166.8
51	41.2	33.4	50.2
86	59.3	52.7	79.1

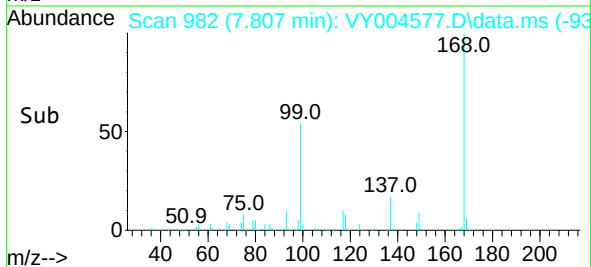
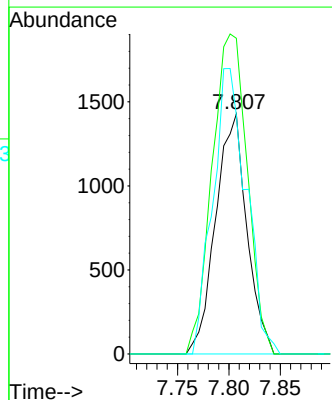


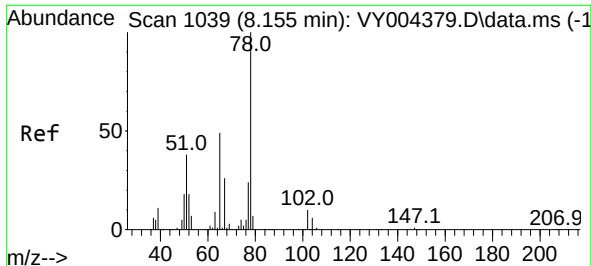
#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09



Tgt Ion: 56 Resp: 3016

Ion	Ratio	Lower	Upper
56	100		
69	131.5	25.8	38.6#
84	99.4	68.2	102.4

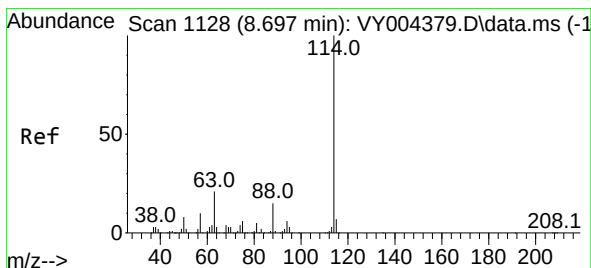
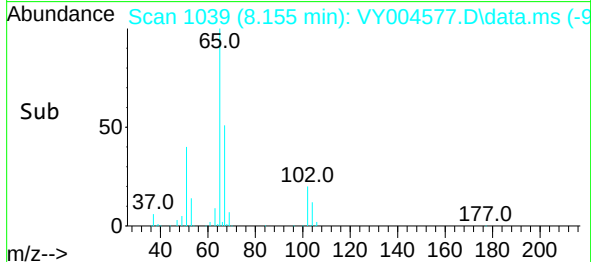
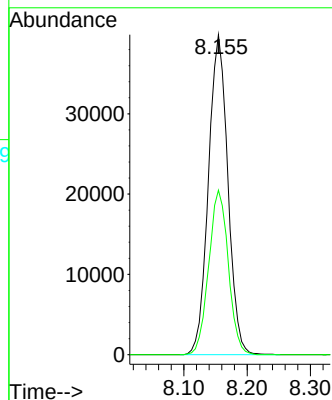
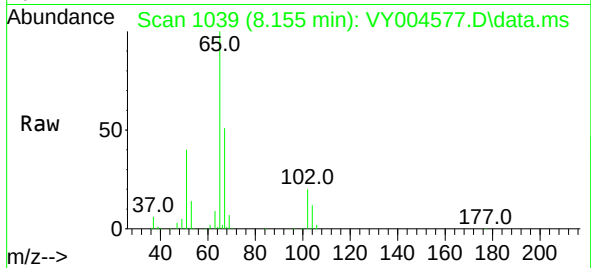




#33
 1,2-Dichloroethane-d4
 Concen: 60.86 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004577.D
 Acq: 22 Apr 2021 12:09

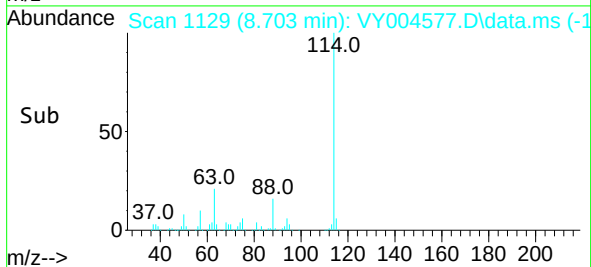
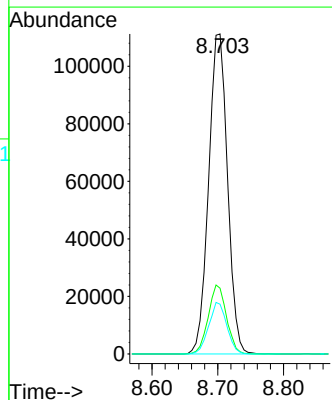
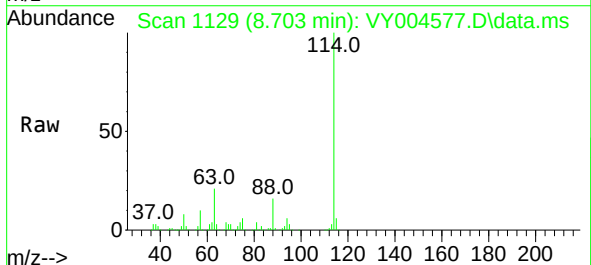
Instrument :
 MSVOA_Y
 ClientSampled :

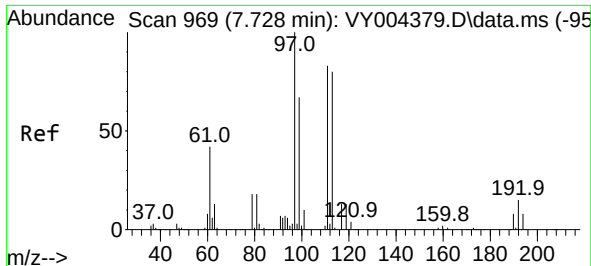
Tgt Ion: 65 Resp: 84856
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VY004577.D
 Acq: 22 Apr 2021 12:09

Tgt Ion: 114 Resp: 221896
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.5 0.0 30.8

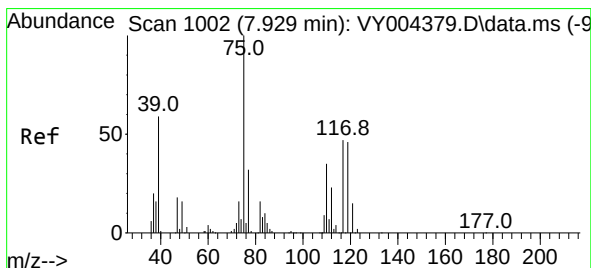
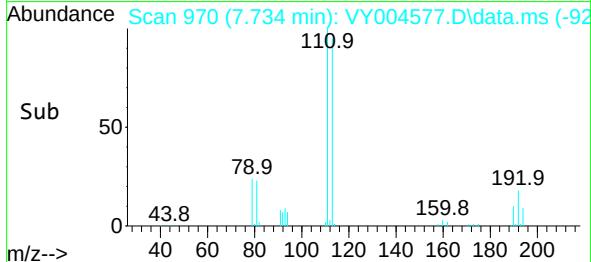
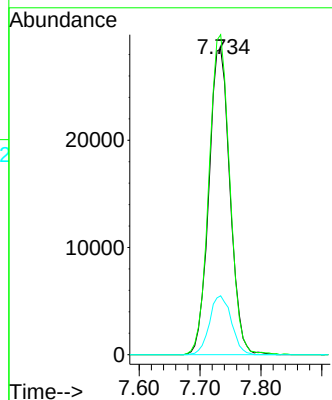
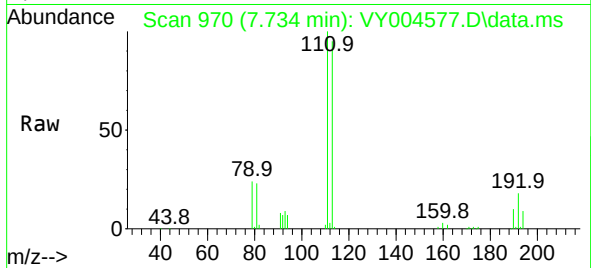




#35
Dibromofluoromethane
Concen: 55.71 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

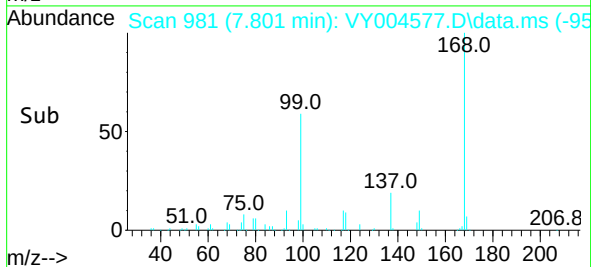
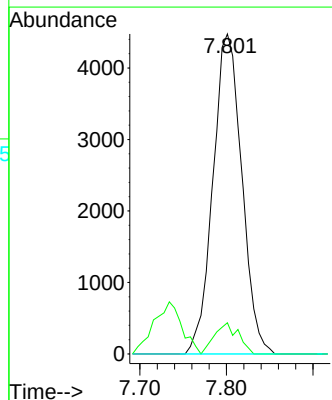
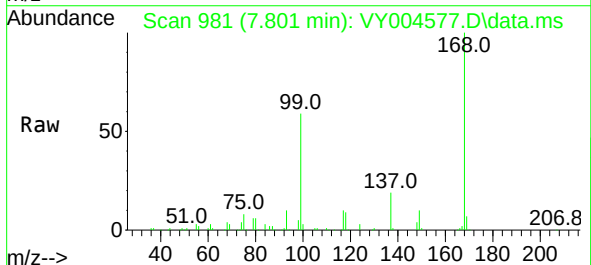
Instrument :
MSVOA_Y
ClientSampled :

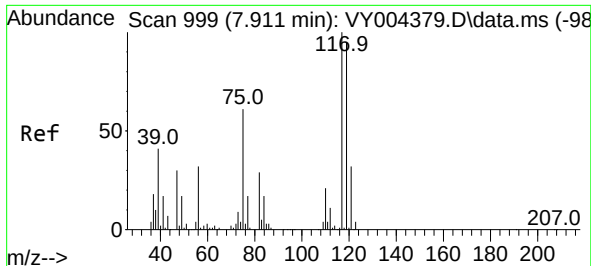
Tgt Ion:113 Resp: 68602
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.9 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

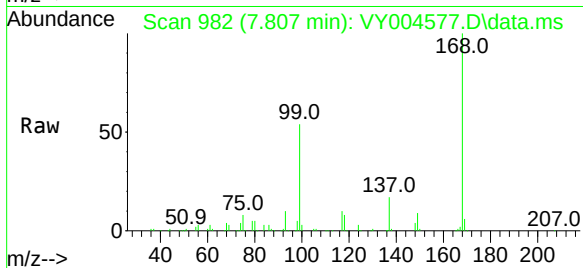
Tgt Ion: 75 Resp: 10354
Ion Ratio Lower Upper
75 100
110 8.0 17.3 51.7#
77 0.0 24.3 36.5#



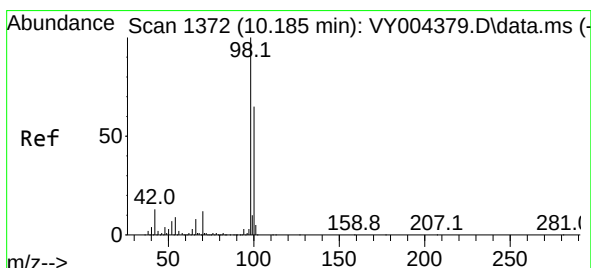
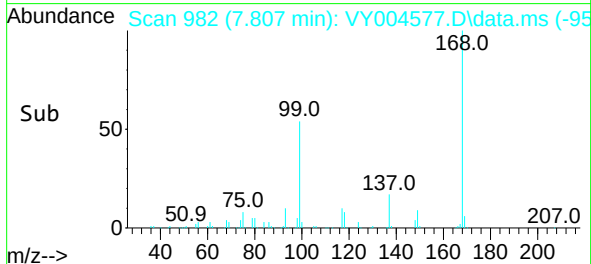
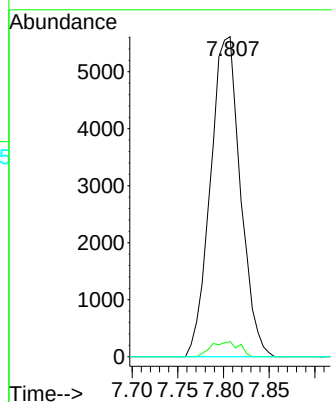


#38
Carbon Tetrachloride
Concen: 6.72 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.103 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Instrument :
MSVOA_Y
ClientSampleId :

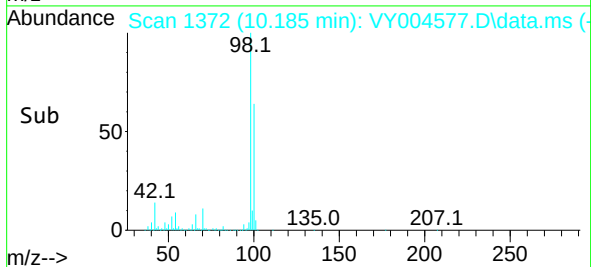
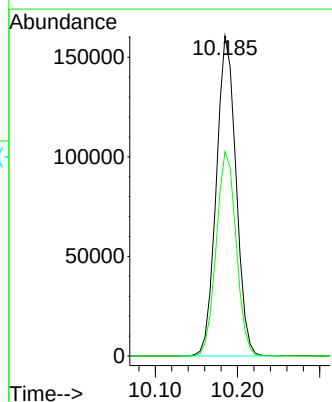
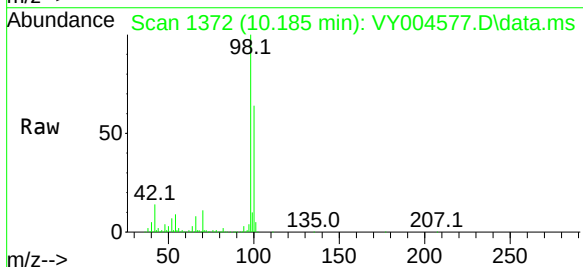


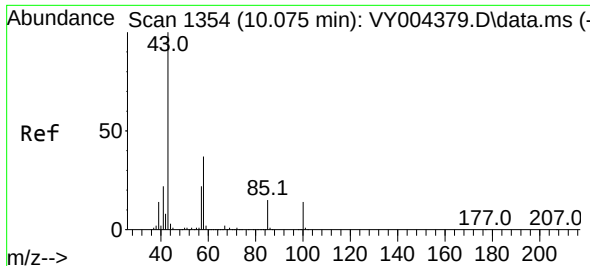
Tgt Ion:117 Resp: 12817
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.02 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Tgt Ion: 98 Resp: 267230
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

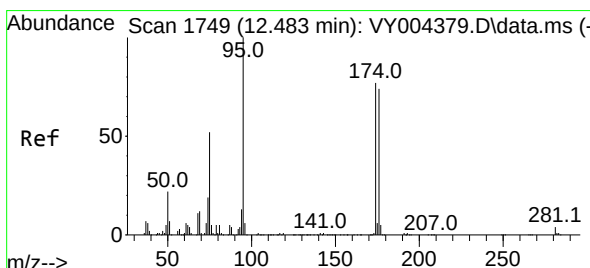
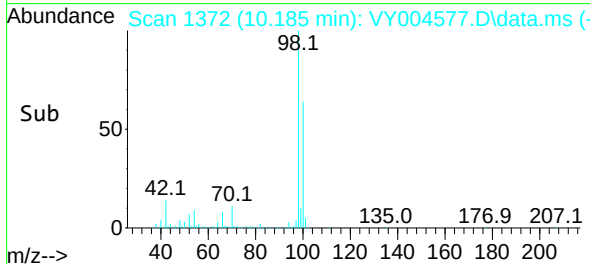
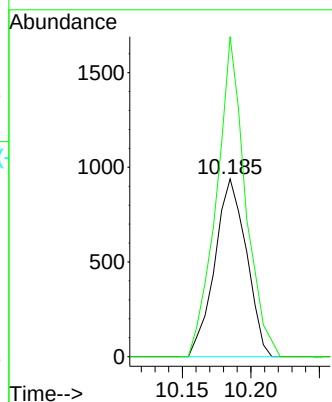
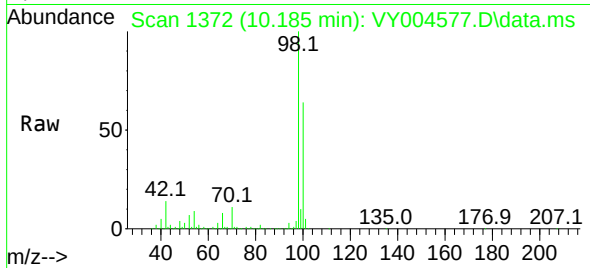




#51
4-Methyl-2-Pentanone
Concen: 1.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

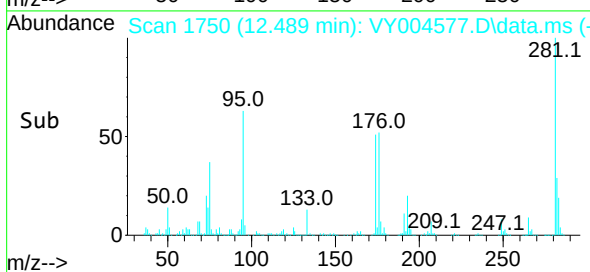
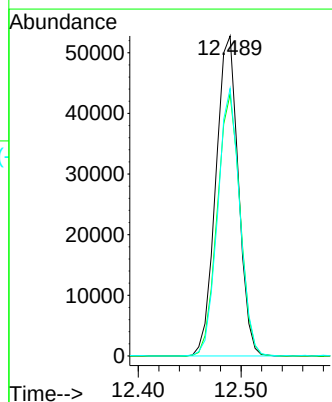
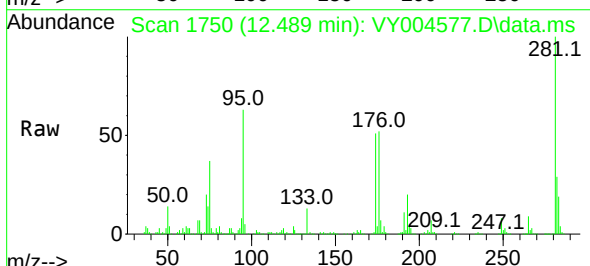
Instrument :
MSVOA_Y
ClientSampled :

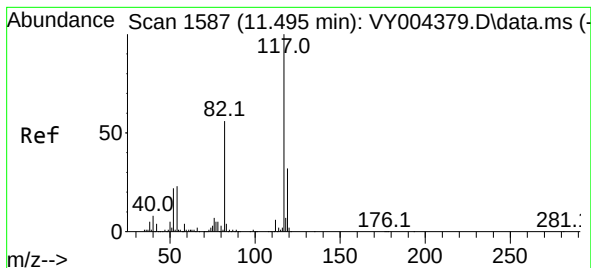
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 164.3 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 45.11 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Tgt Ion: 95 Resp: 80188
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 82.0 0.0 156.0

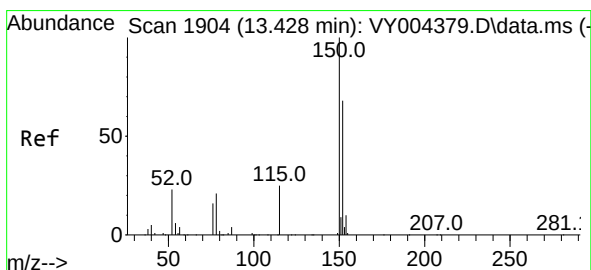
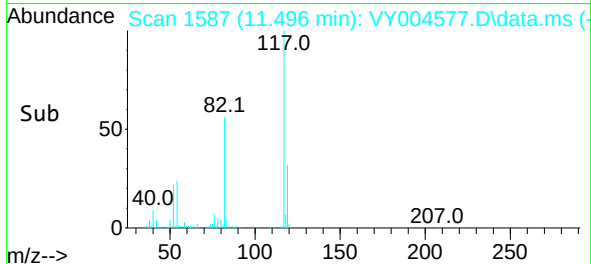
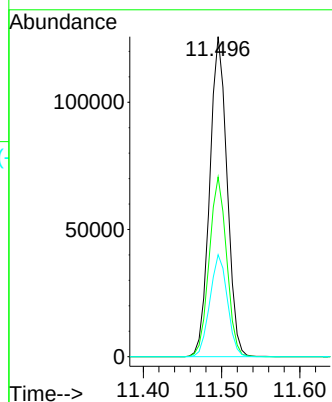
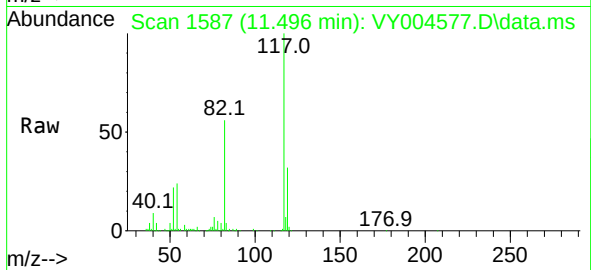




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

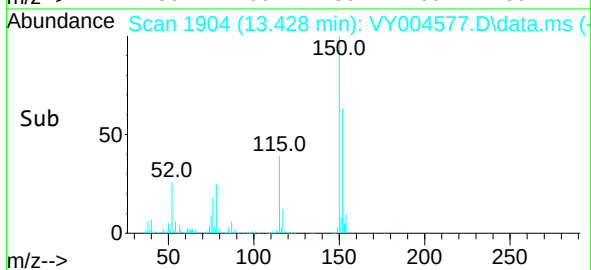
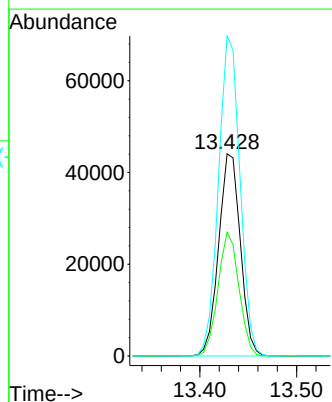
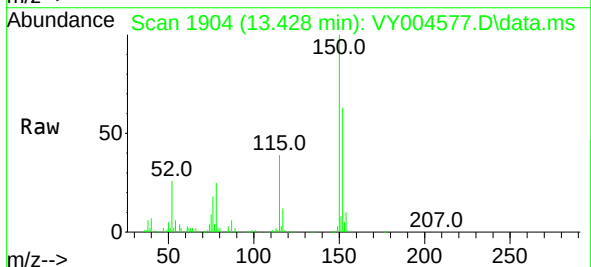
Instrument :
MSVOA_Y
ClientSampleId :

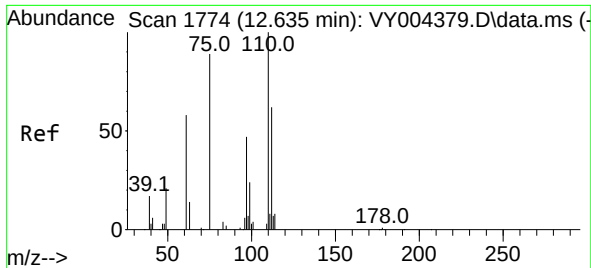
Tgt Ion:117 Resp: 193616
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Tgt Ion:152 Resp: 68646
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.8
150 156.5 0.0 348.4

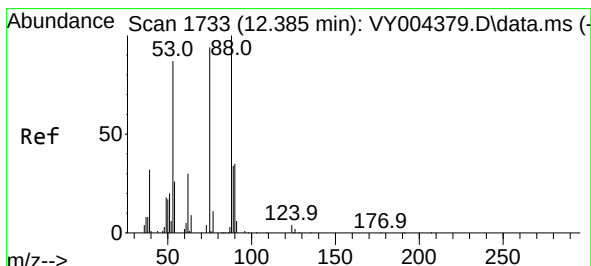
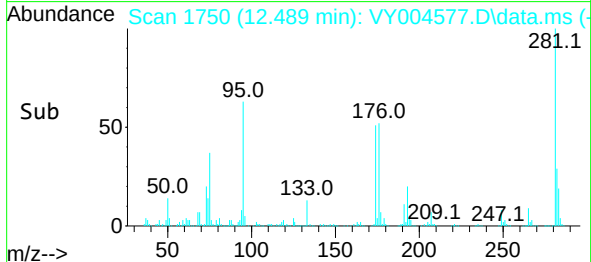
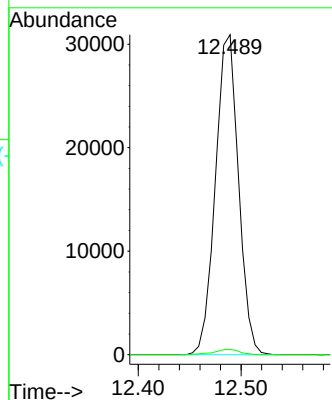
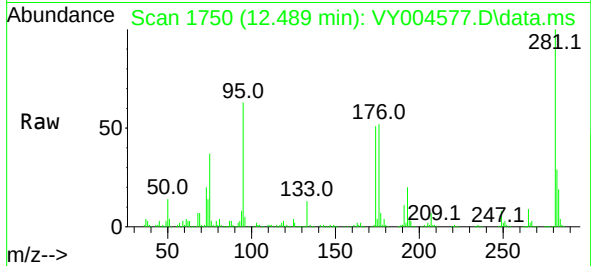




#76
1,2,3-Trichloropropane
Concen: 65.37 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48161
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.94 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY004577.D
Acq: 22 Apr 2021 12:09

Tgt Ion: 75 Resp: 48161
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.3 36.1 54.1#

