

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004403.D
 Acq On : 13 Apr 2021 12:25
 Operator : SY/MD
 Sample : M2019-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 01:24:35 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)

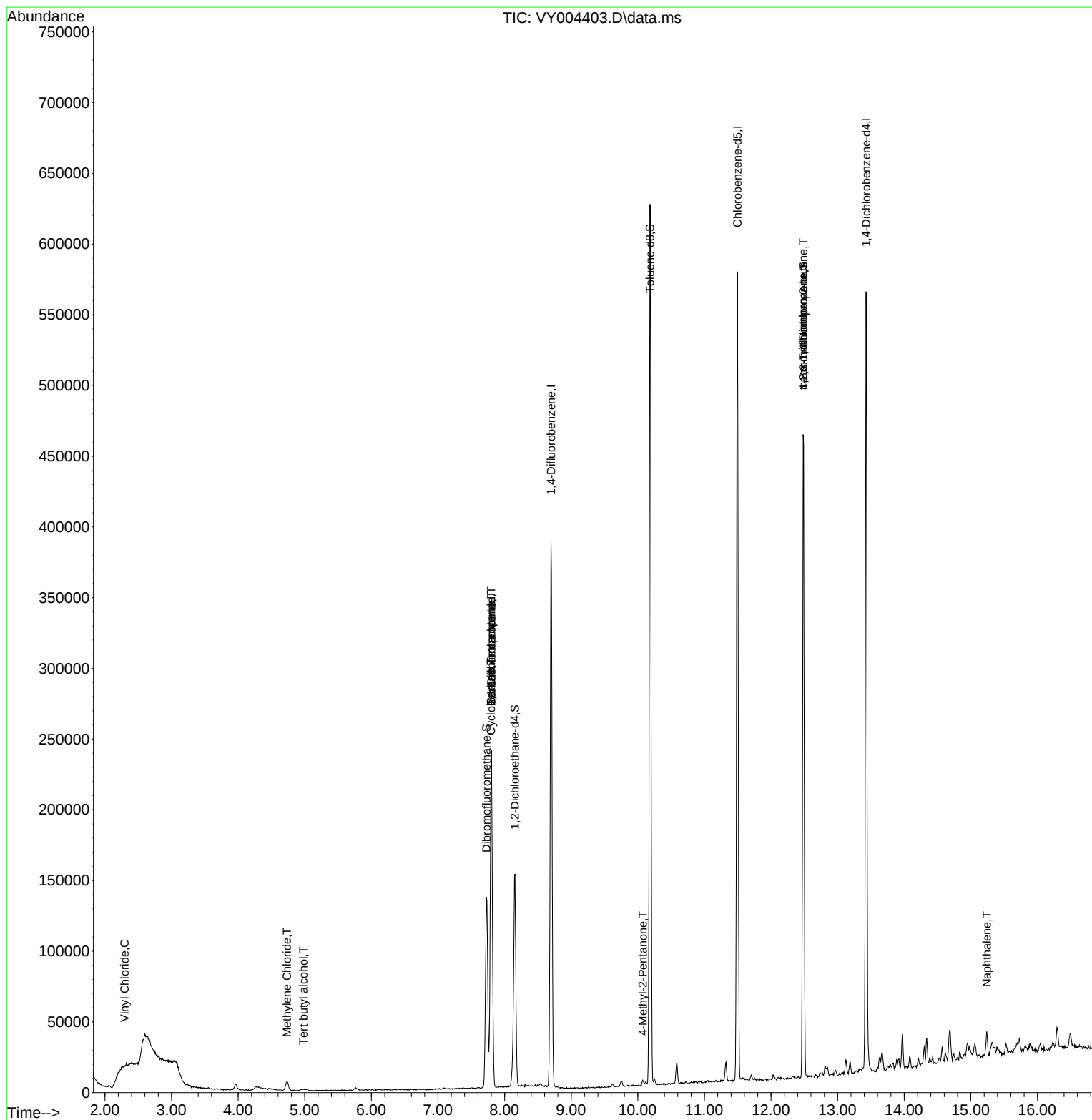
Internal Standards						
1) Pentafluorobenzene	7.801	168	180980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	294833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111470	55.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.88%			
35) Dibromofluoromethane	7.728	113	94440	54.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.06%			
50) Toluene-d8	10.185	98	386918	52.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.04%			
62) 4-Bromofluorobenzene	12.483	95	132177	52.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.74%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.296	62	13369	5.22	ug/l #	43
11) Tert butyl alcohol	4.978	59	2358	11.90	ug/l #	84
16) Acetone	3.966	43	7298	Below Cal		99
20) Methylene Chloride	4.735	84	4338	2.23	ug/l	88
31) Cyclohexane	7.795	56	4191	1.14	ug/l #	18
36) 1,1-Dichloropropene	7.801	75	14430	4.65	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18136	6.77	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	2841	1.46	ug/l	99
76) 1,2,3-Trichloropropane	12.483	75	71197	49.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71197	89.41	ug/l #	12
95) Naphthalene	15.239	128	12087	2.21	ug/l #	92

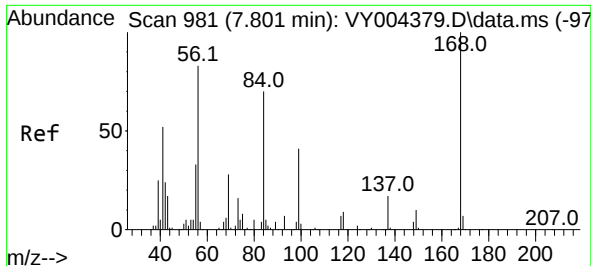
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :

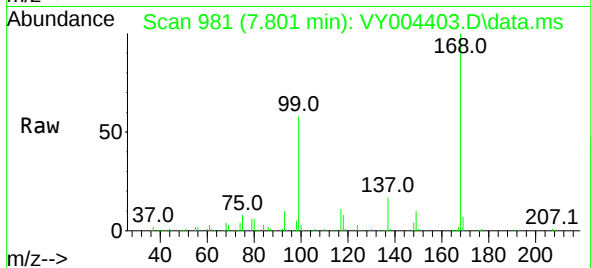
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



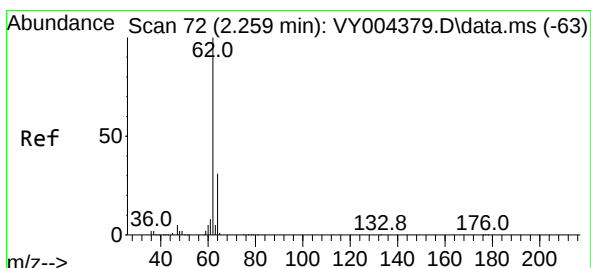
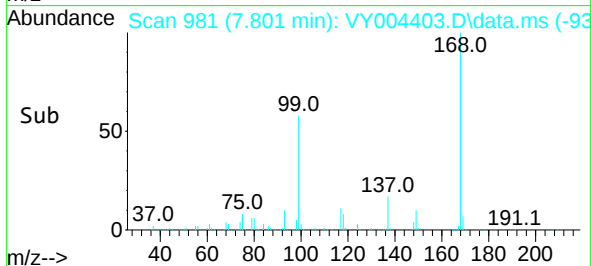
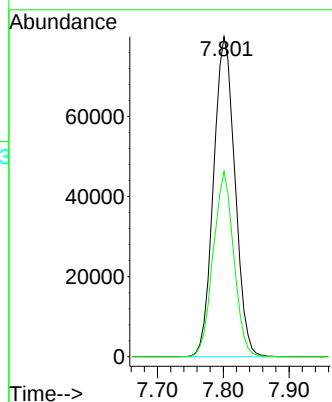


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Instrument :
MSVOA_Y
ClientSampled :

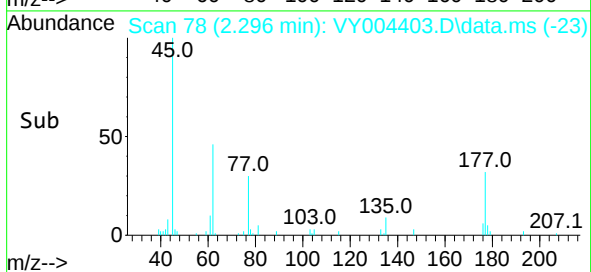
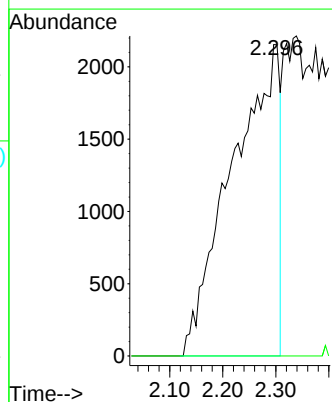
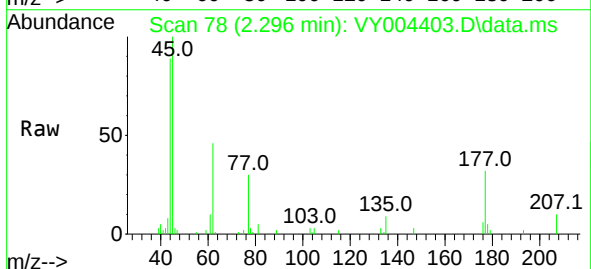


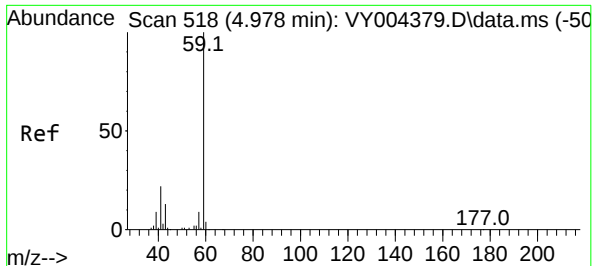
Tgt Ion:168 Resp: 180980
Ion Ratio Lower Upper
168 100
99 57.9 45.5 68.3



#4
Vinyl Chloride
Concen: 5.22 ug/l
RT: 2.296 min Scan# 78
Delta R.T. 0.037 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Tgt Ion: 62 Resp: 13369
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



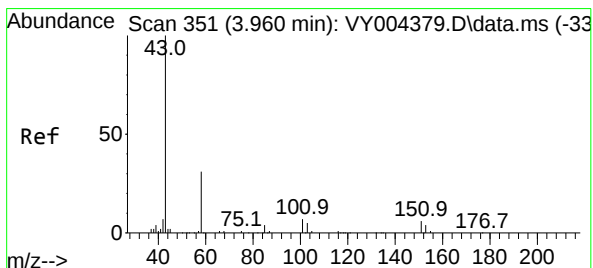
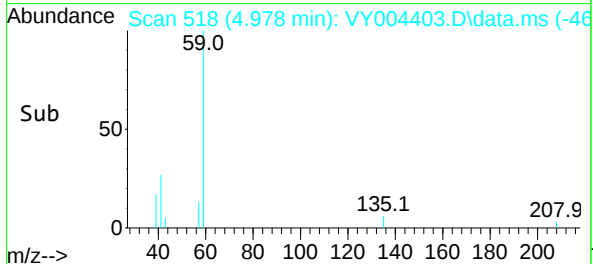
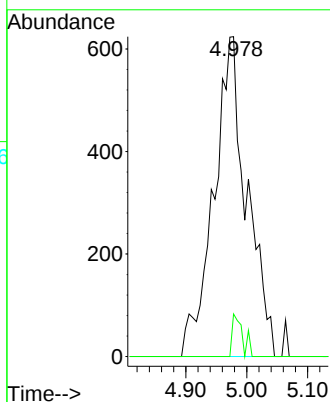
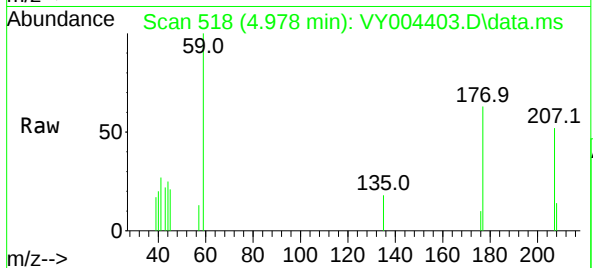


#11

Tert butyl alcohol
Concen: 11.90 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Instrument :
MSVOA_Y
ClientSampled :

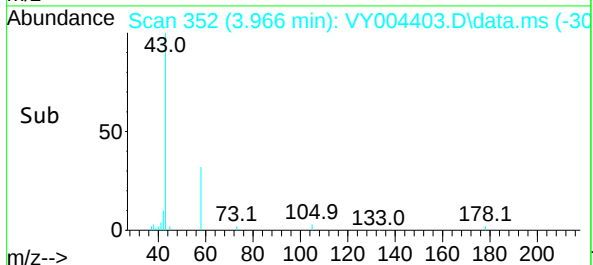
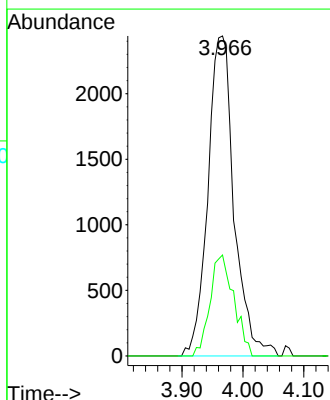
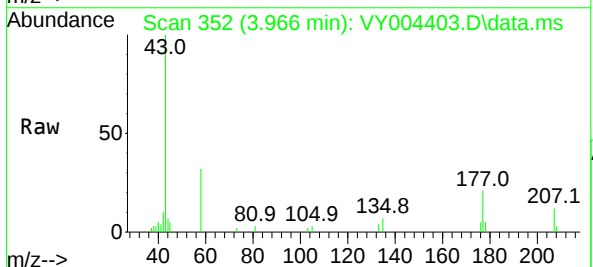
Tgt Ion: 59 Resp: 2358
Ion Ratio Lower Upper
59 100
57 4.1 8.1 12.1#

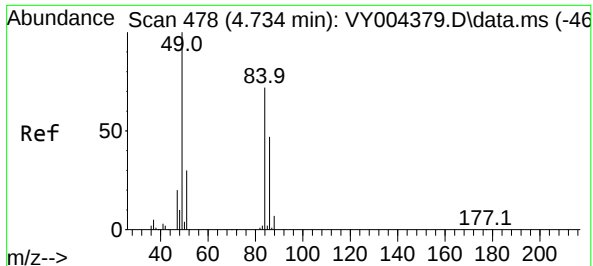


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

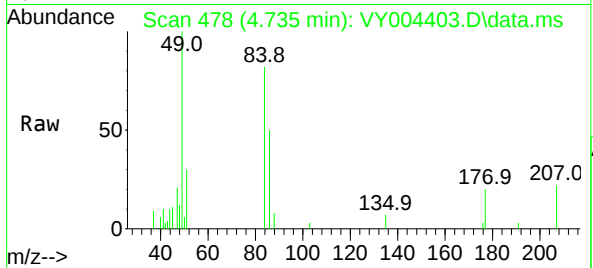
Tgt Ion: 43 Resp: 7298
Ion Ratio Lower Upper
43 100
58 31.6 24.6 37.0





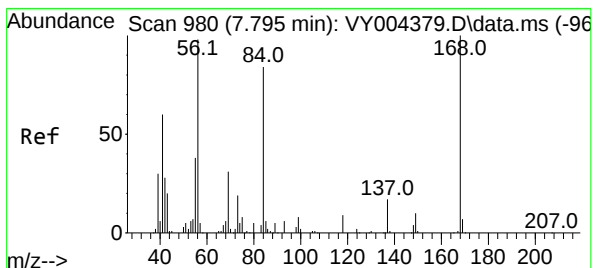
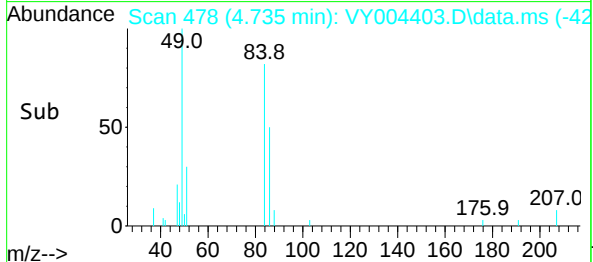
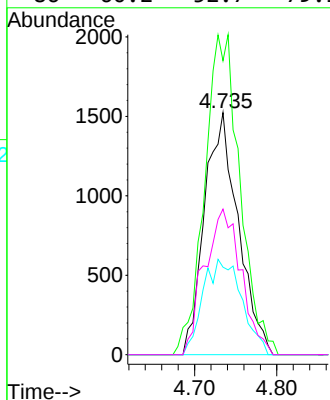
#20
Methylene Chloride
Concen: 2.23 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 4338

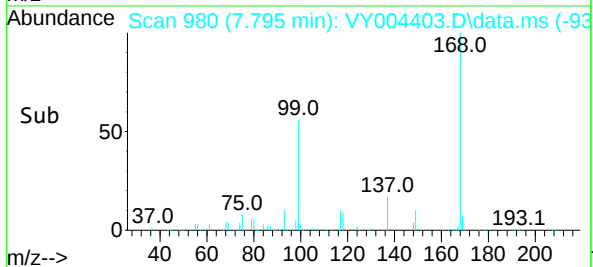
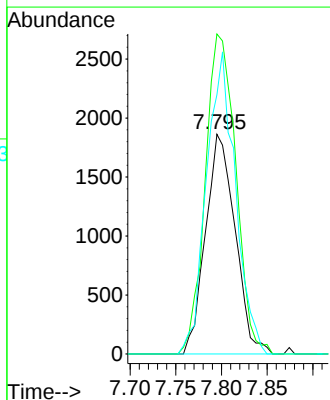
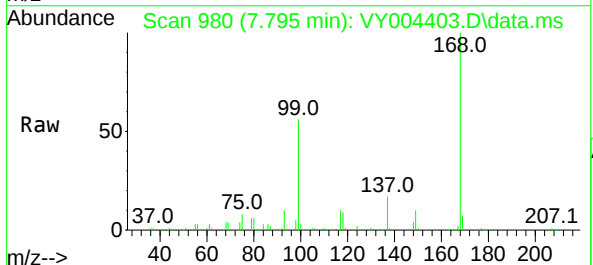
Ion	Ratio	Lower	Upper
84	100		
49	121.4	111.2	166.8
51	36.2	33.4	50.2
86	60.2	52.7	79.1

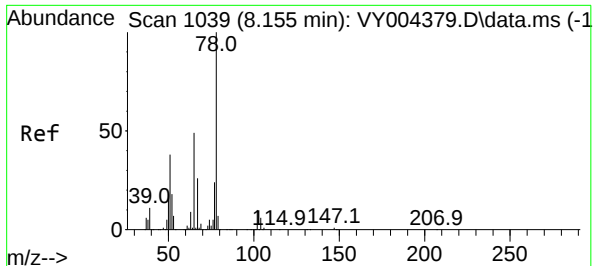


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Tgt Ion: 56 Resp: 4191

Ion	Ratio	Lower	Upper
56	100		
69	145.7	25.8	38.6#
84	118.0	68.2	102.4#

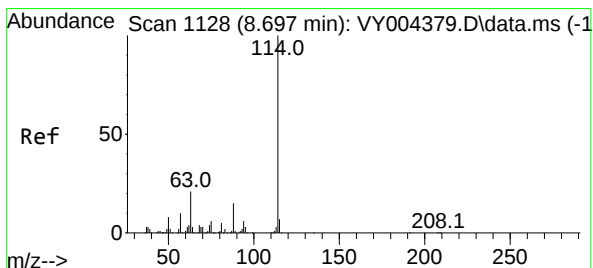
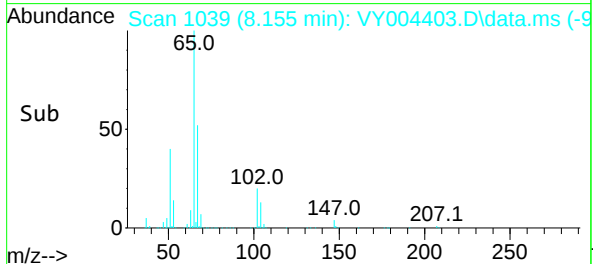
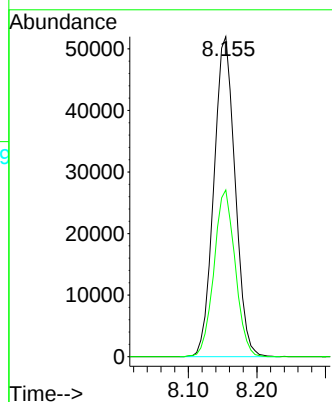
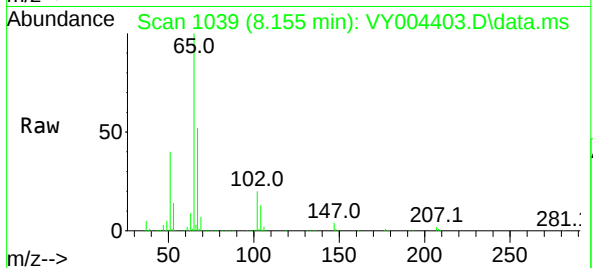




#33
1,2-Dichloroethane-d4
Concen: 55.44 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

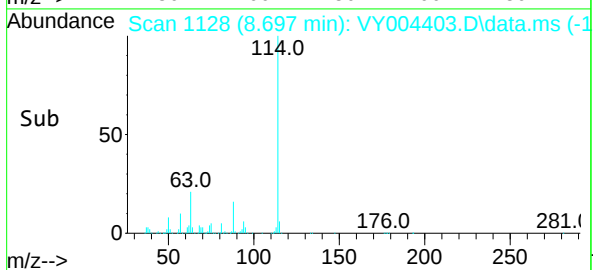
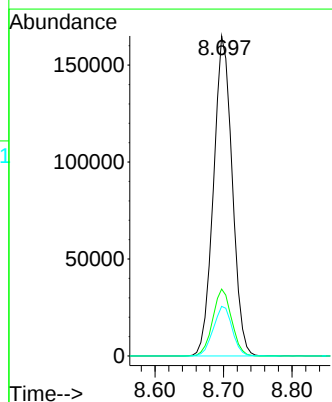
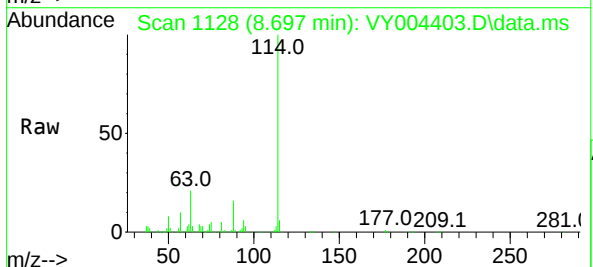
Instrument :
MSVOA_Y
ClientSampled :

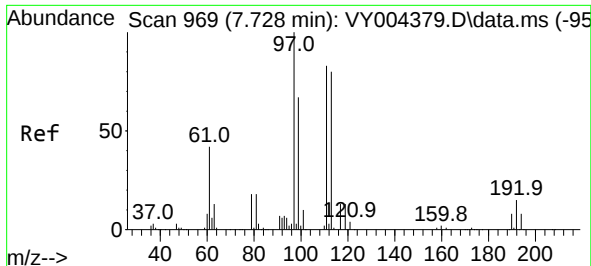
Tgt Ion: 65 Resp: 111470
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Tgt Ion: 114 Resp: 312085
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.5 0.0 30.8

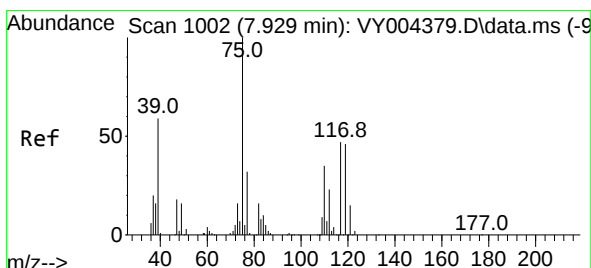
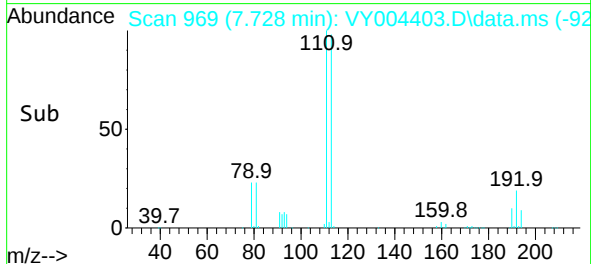
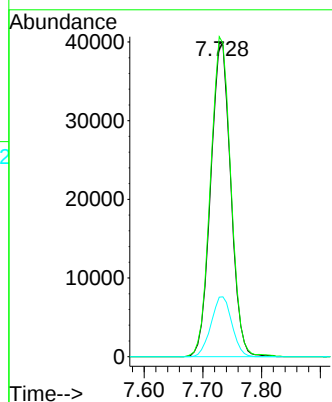
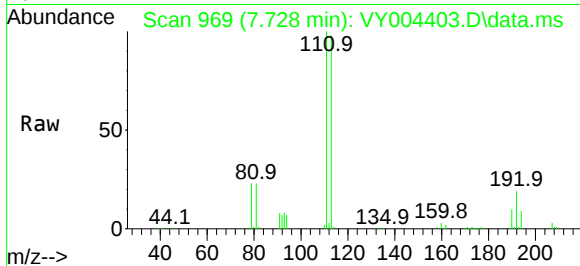




#35
Dibromofluoromethane
Concen: 54.53 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

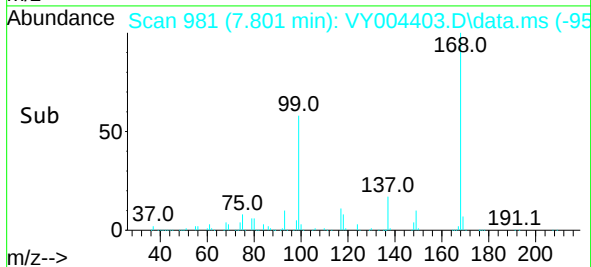
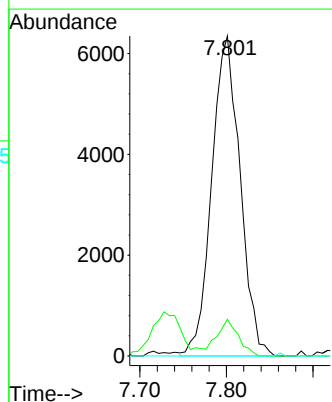
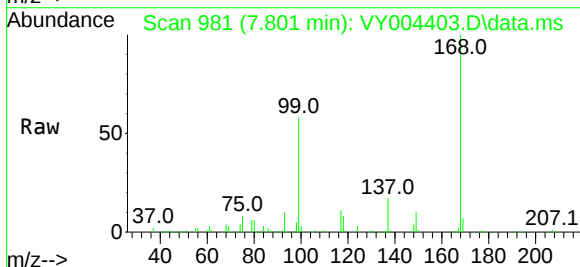
Instrument :
MSVOA_Y
ClientSampled :

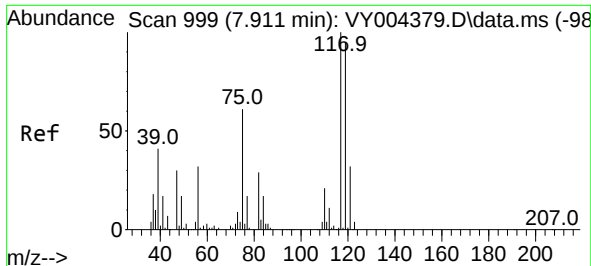
Tgt Ion:113 Resp: 94440
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

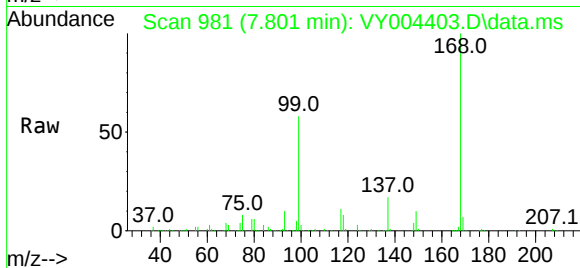
Tgt Ion: 75 Resp: 14430
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.7#
77 0.0 24.3 36.5#



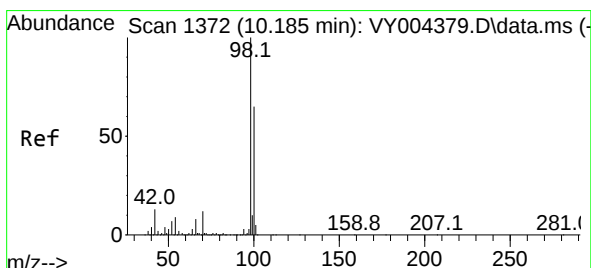
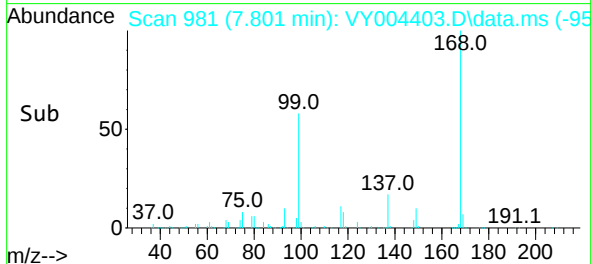
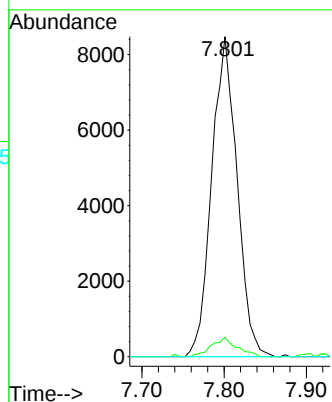


#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Instrument :
MSVOA_Y
ClientSampled :

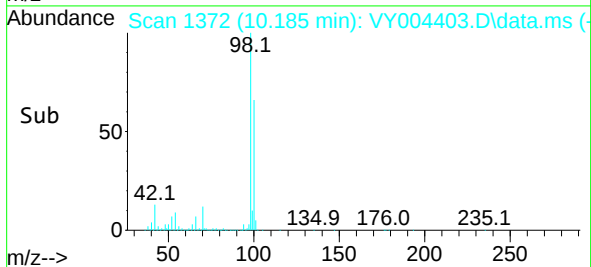
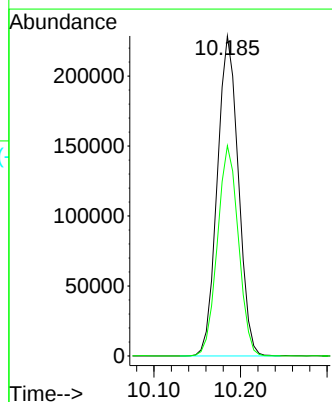
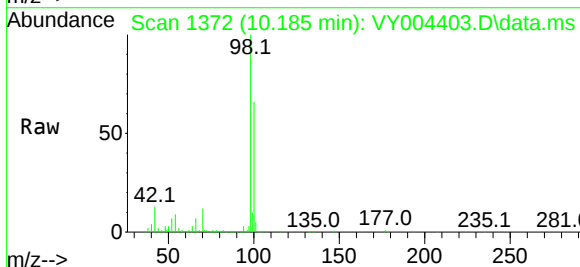


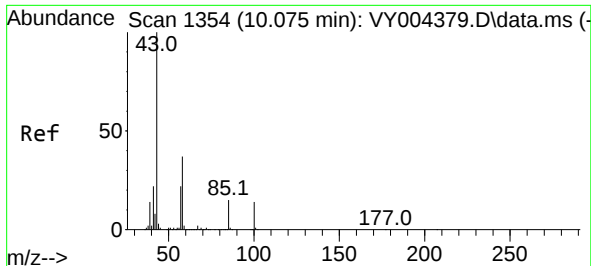
Tgt Ion:117 Resp: 18136
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.52 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Tgt Ion: 98 Resp: 386918
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

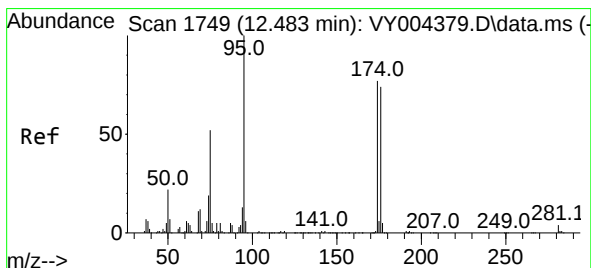
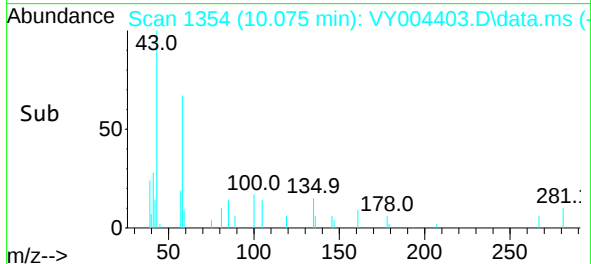
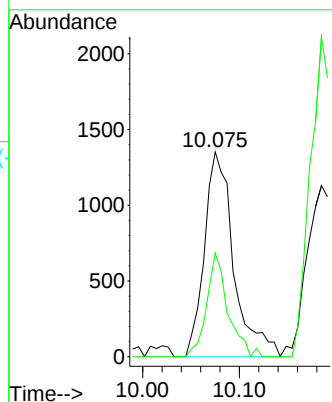
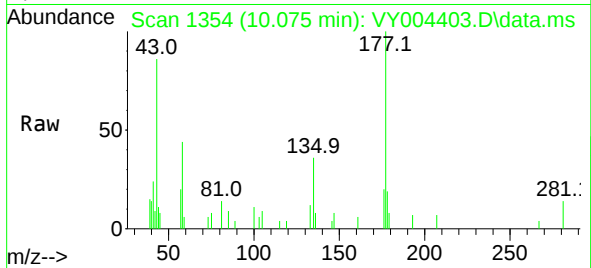




#51
4-Methyl-2-Pentanone
Concen: 1.46 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

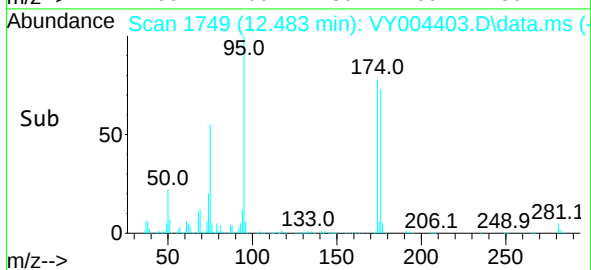
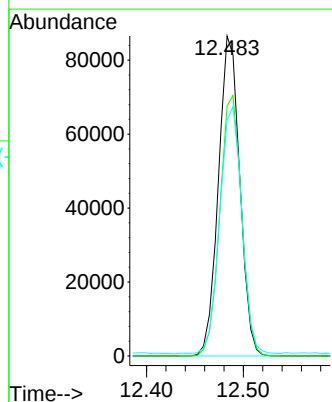
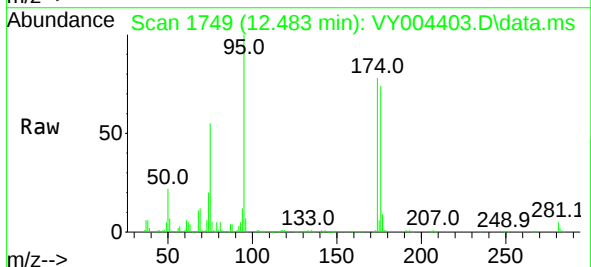
Instrument :
MSVOA_Y
ClientSampled :

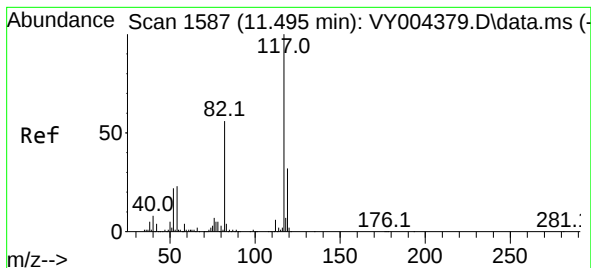
Tgt Ion: 43 Resp: 2841
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 52.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Tgt Ion: 95 Resp: 132177
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 80.4 0.0 156.0

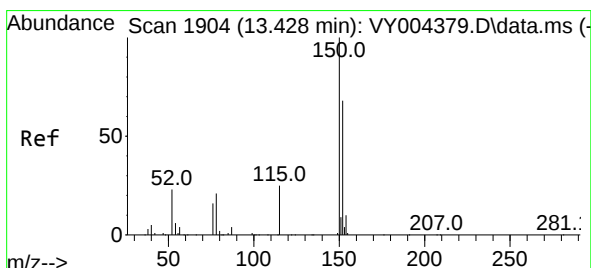
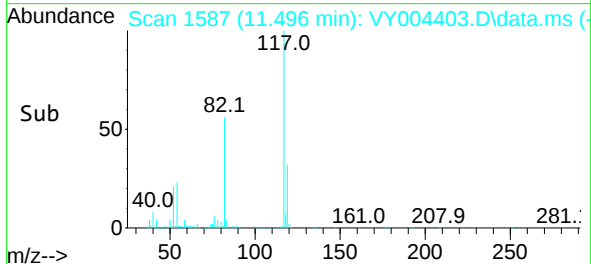
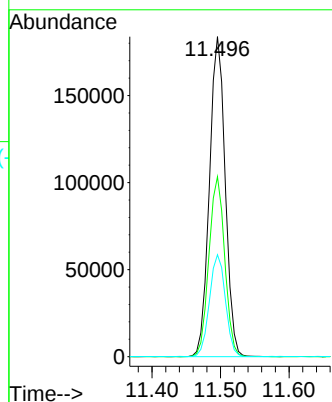
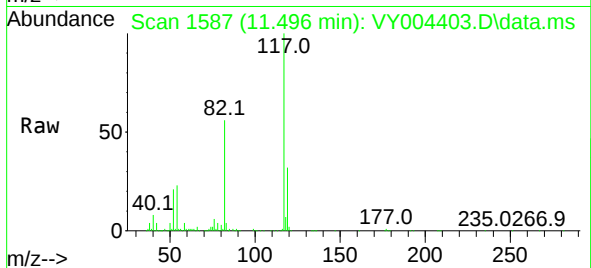




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

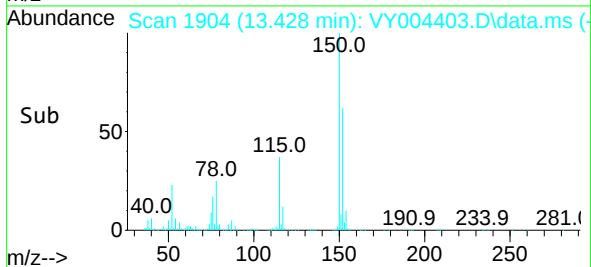
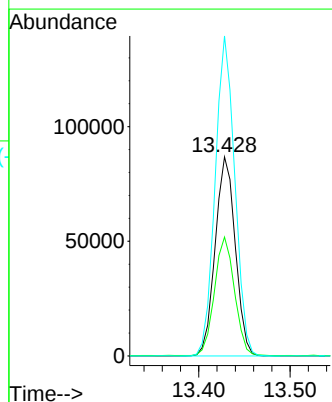
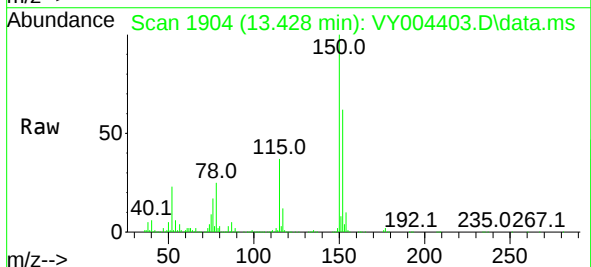
Instrument :
MSVOA_Y
ClientSampled :

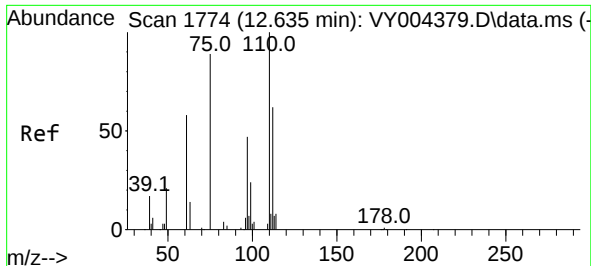
Tgt Ion:117 Resp: 294833
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Tgt Ion:152 Resp: 132726
Ion Ratio Lower Upper
152 100
115 59.4 29.6 88.8
150 157.3 0.0 348.4

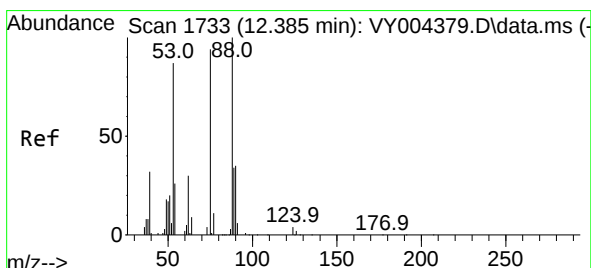
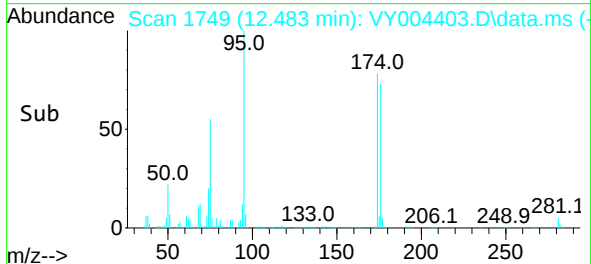
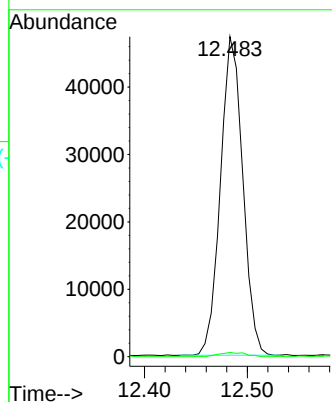
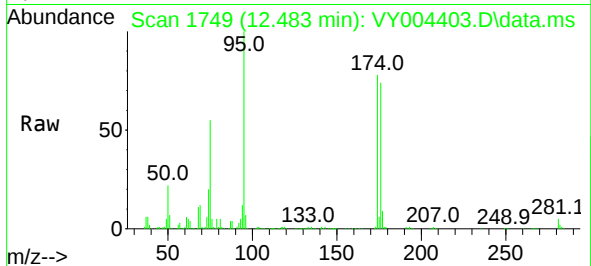




#76
1,2,3-Trichloropropane
Concen: 49.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

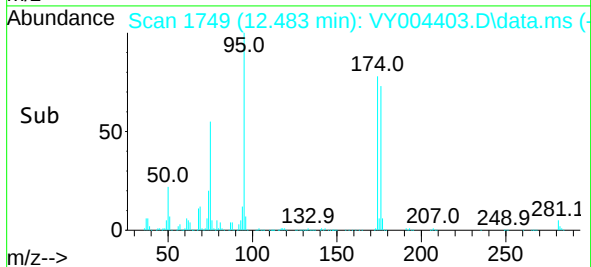
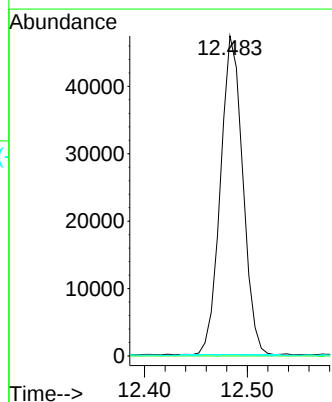
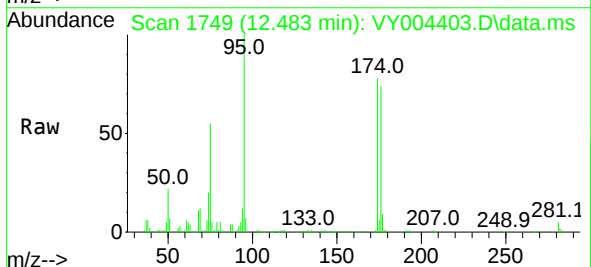
Instrument :
MSVOA_Y
ClientSampled :

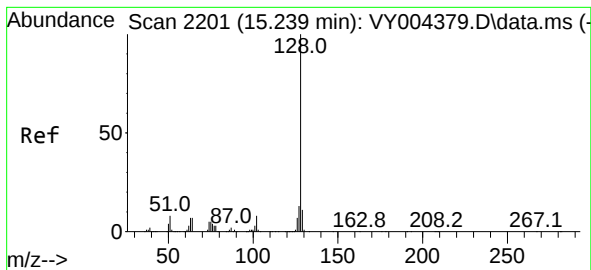
Tgt Ion: 75 Resp: 71197
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Tgt Ion: 75 Resp: 71197
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.3 36.1 54.1#





#95
Naphthalene
Concen: 2.21 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004403.D
Acq: 13 Apr 2021 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 12087
Ion Ratio Lower Upper
128 100
127 16.3 10.2 15.2#
129 13.8 8.8 13.2#

