

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004582.D
 Acq On : 22 Apr 2021 14:05
 Operator : SY/MD
 Sample : M2107-07
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:19:54 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	7.807	168	120826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	203499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91407	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	81461	60.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.36%
35) Dibromofluoromethane	7.728	113	67075	56.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.34%
50) Toluene-d8	10.185	98	267577	53.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.30%
62) 4-Bromofluorobenzene	12.483	95	88312	51.69	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.38%

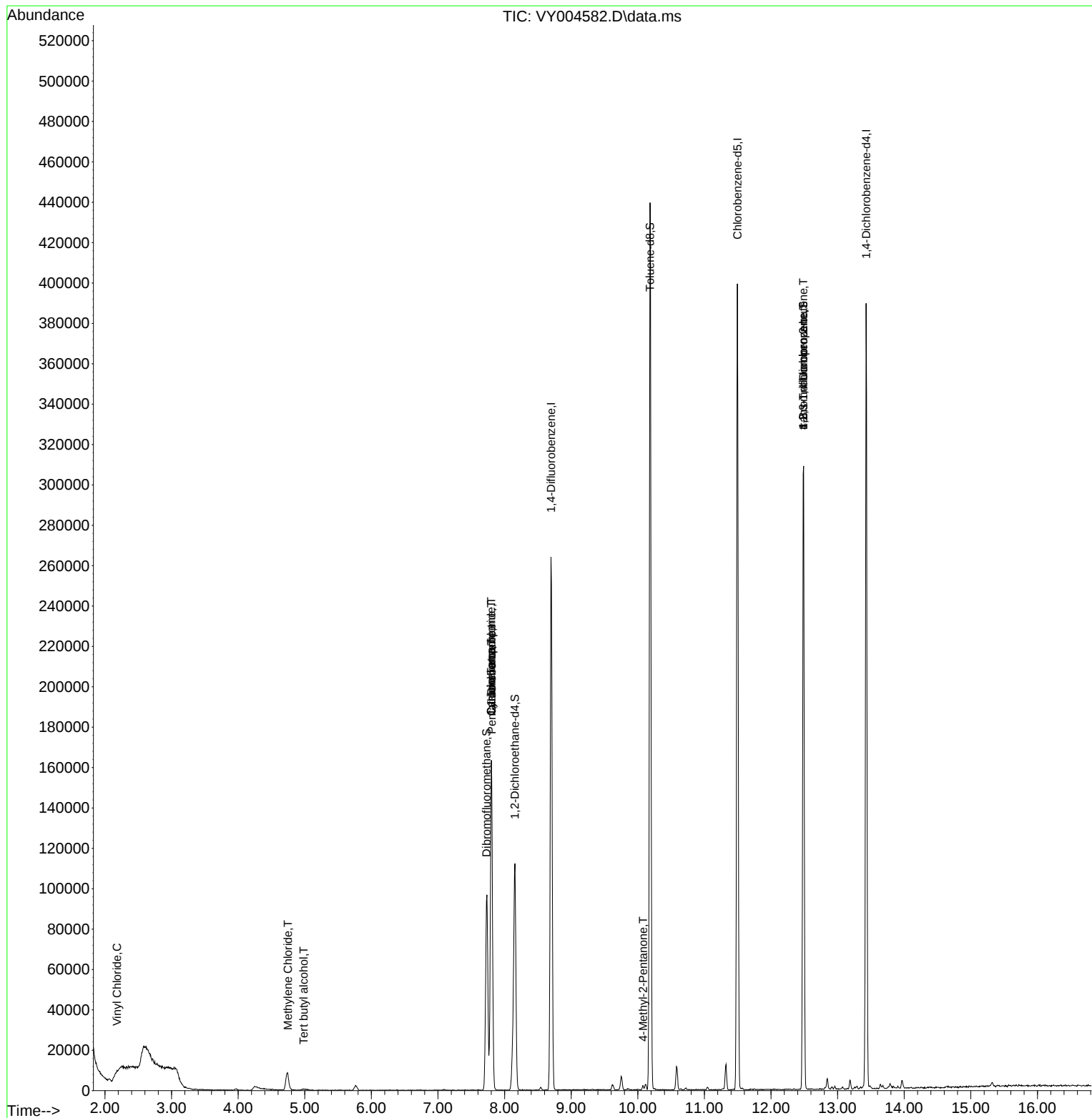
Target Compounds						Qvalue
4) Vinyl Chloride	2.180	62	2522	1.48	ug/l #	43
11) Tert butyl alcohol	4.985	59	1038	7.85	ug/l #	73
16) Acetone	3.960	43	1219	Below Cal	#	87
20) Methylene Chloride	4.747	84	6127	4.73	ug/l #	83
31) Cyclohexane	7.801	56	3082	1.25	ug/l #	23
36) 1,1-Dichloropropene	7.801	75	10077	4.75	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12225	6.67	ug/l #	15
51) 4-Methyl-2-Pentanone	10.081	43	1532	1.15	ug/l	89
76) 1,2,3-Trichloropropane	12.483	75	49261	50.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49261	89.83	ug/l #	12

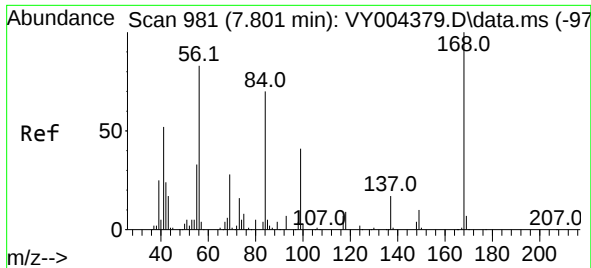
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
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ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

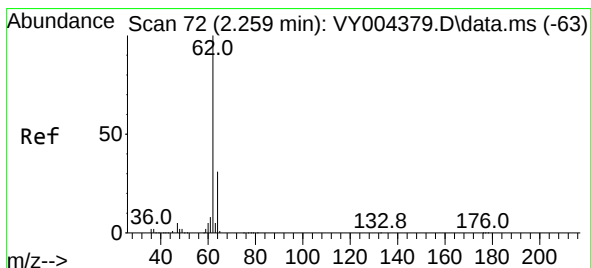
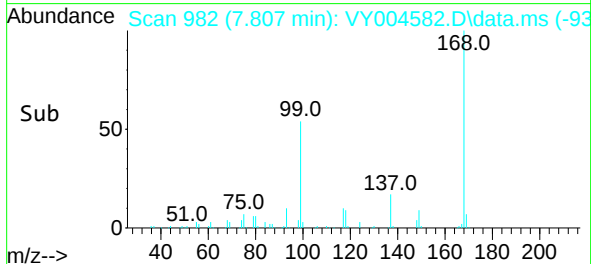
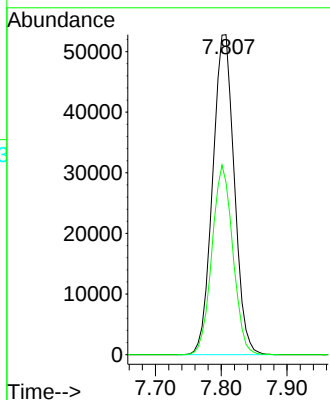
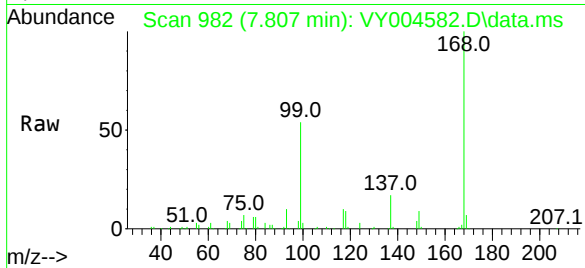




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

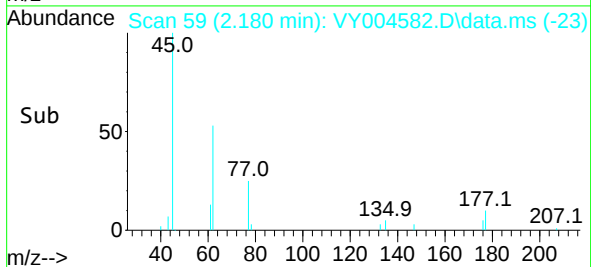
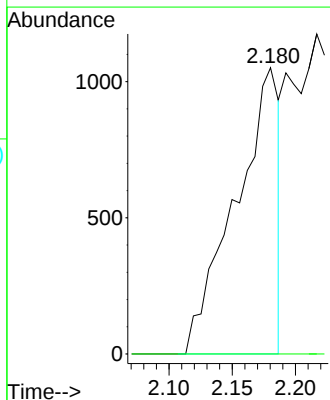
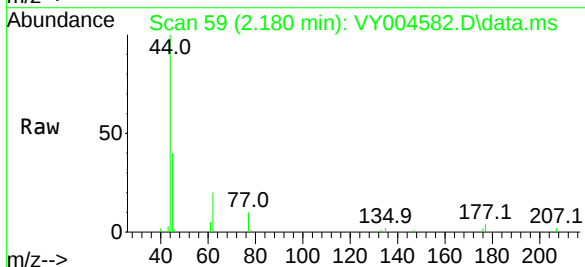
Instrument :
MSVOA_Y
ClientSampled :

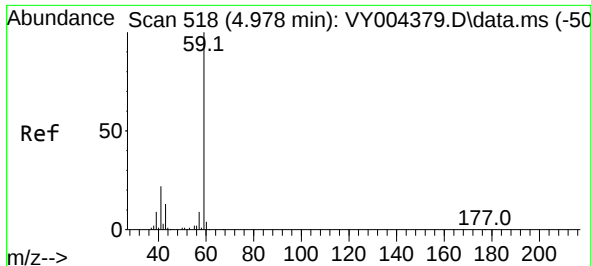
Tgt Ion:168 Resp: 120826
Ion Ratio Lower Upper
168 100
99 53.8 45.5 68.3



#4
Vinyl Chloride
Concen: 1.48 ug/l
RT: 2.180 min Scan# 59
Delta R.T. -0.079 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion: 62 Resp: 2522
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

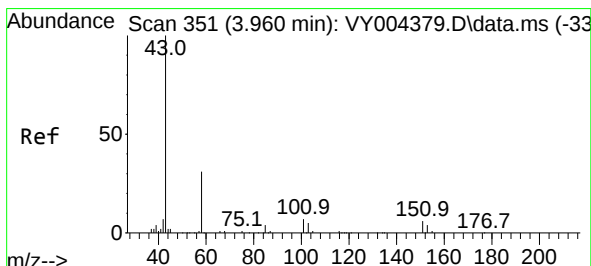
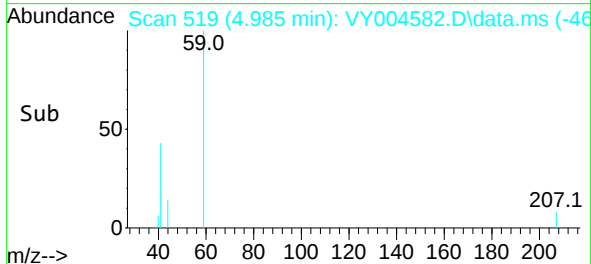
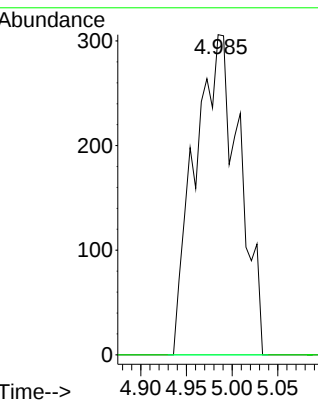
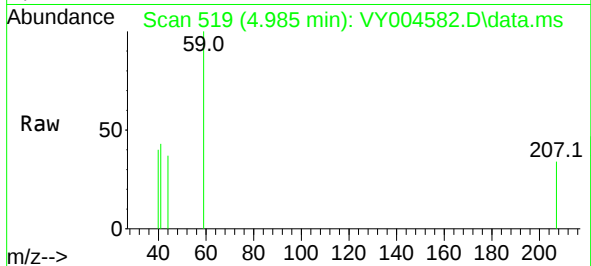




#11
Tert butyl alcohol
Concen: 7.85 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

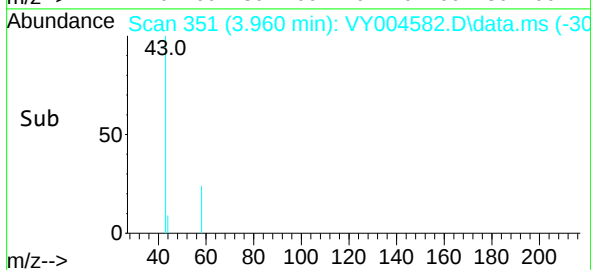
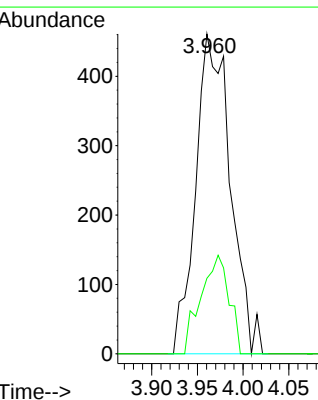
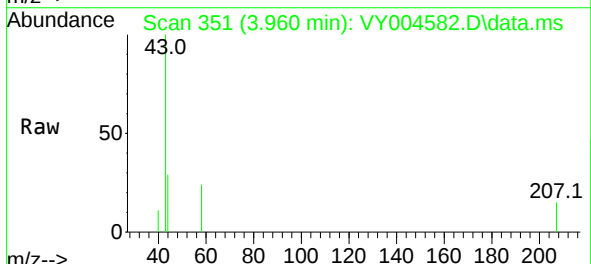
Instrument :
MSVOA_Y
ClientSampled :

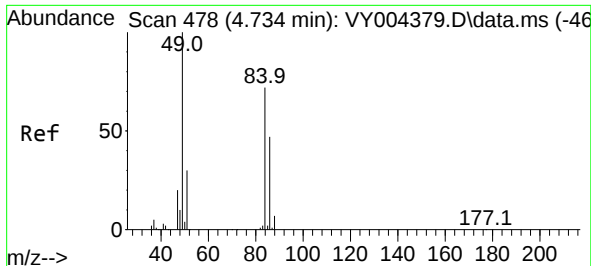
Tgt Ion: 59 Resp: 1038
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

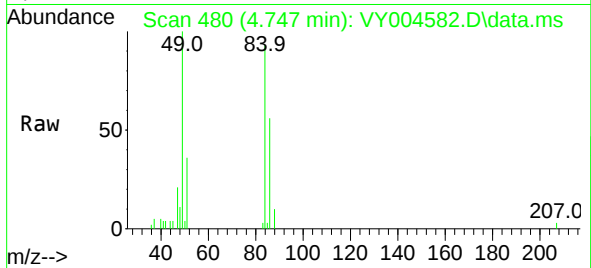
Tgt Ion: 43 Resp: 1219
Ion Ratio Lower Upper
43 100
58 23.6 24.6 37.0#



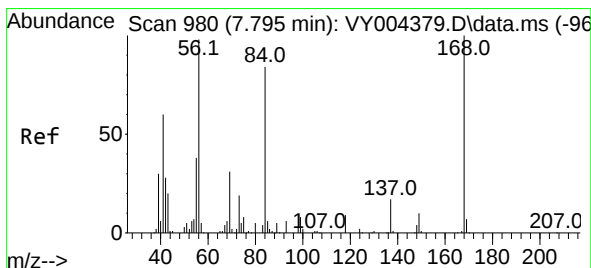
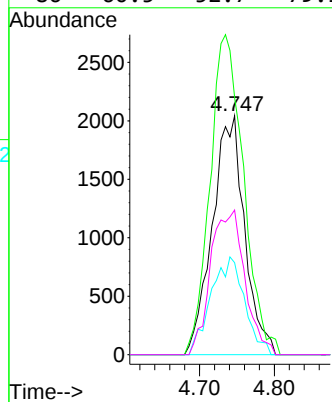
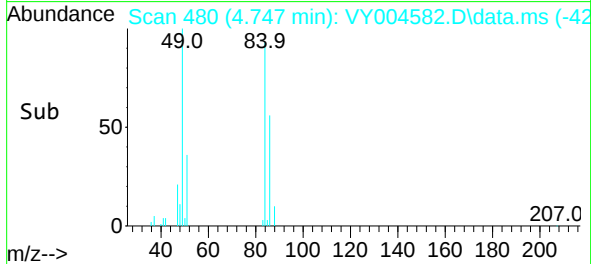


#20
Methylene Chloride
Concen: 4.73 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

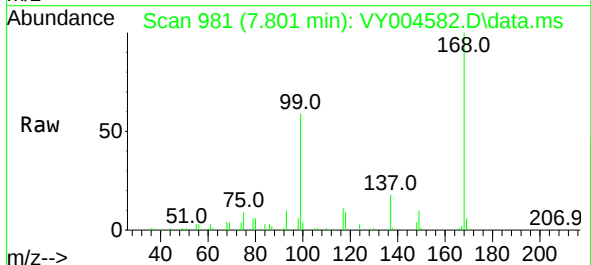
Instrument :
MSVOA_Y
ClientSampled :



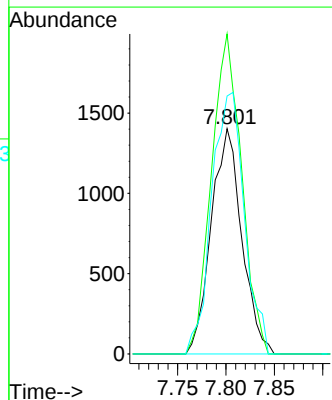
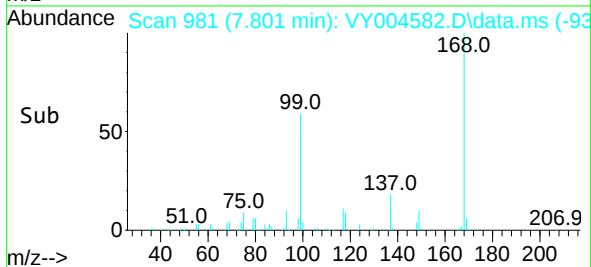
Tgt Ion: 84 Resp: 6127
Ion Ratio Lower Upper
84 100
49 107.7 111.2 166.8#
51 38.5 33.4 50.2
86 60.5 52.7 79.1

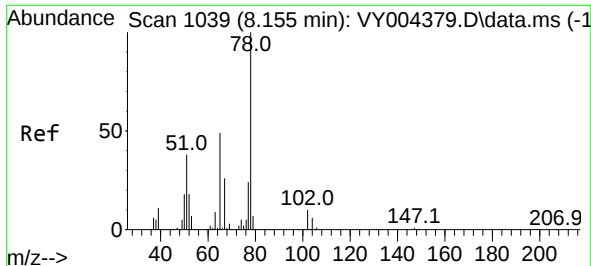


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05



Tgt Ion: 56 Resp: 3082
Ion Ratio Lower Upper
56 100
69 142.1 25.8 38.6#
84 114.5 68.2 102.4#

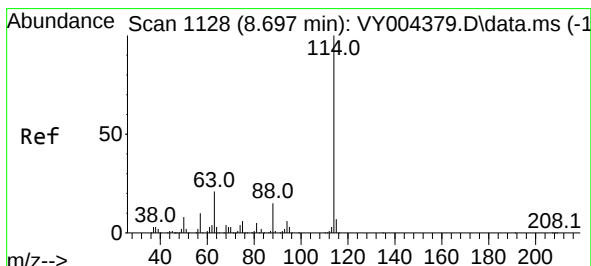
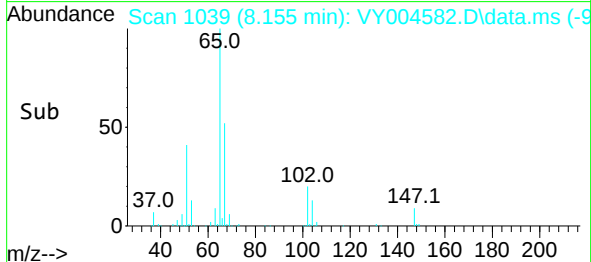
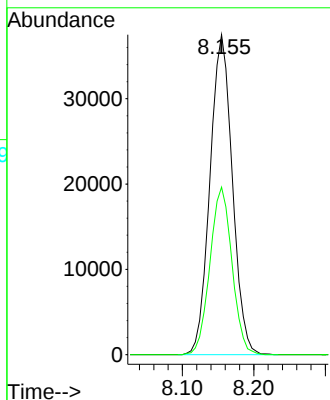
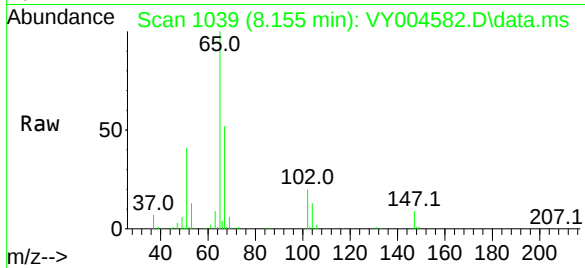




#33
1,2-Dichloroethane-d4
Concen: 60.68 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

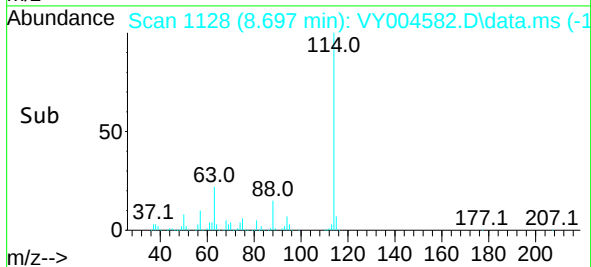
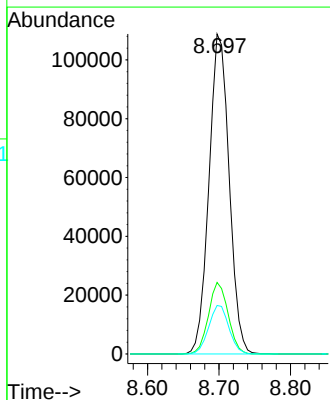
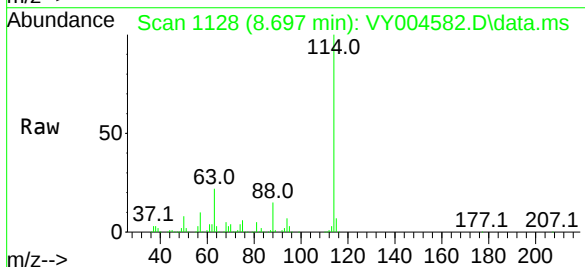
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 65 Resp: 81461
Ion Ratio Lower Upper
65 100
67 51.5 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: VY004582.D
Acq: 22 Apr 2021 14:05

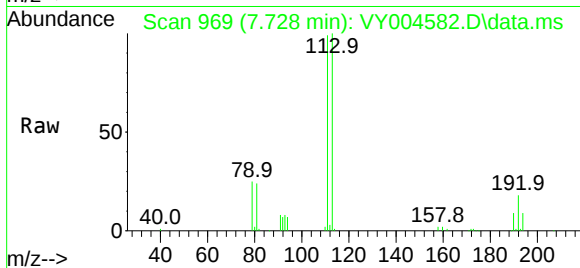
Tgt Ion:114 Resp: 213285
Ion Ratio Lower Upper
114 100
63 22.3 0.0 42.4
88 15.2 0.0 30.8



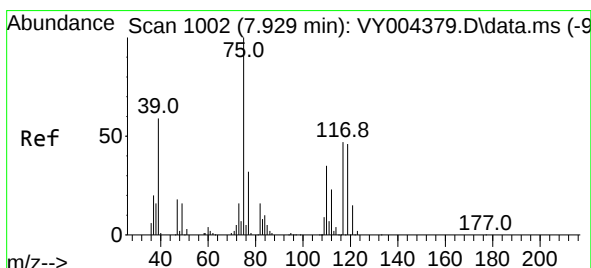
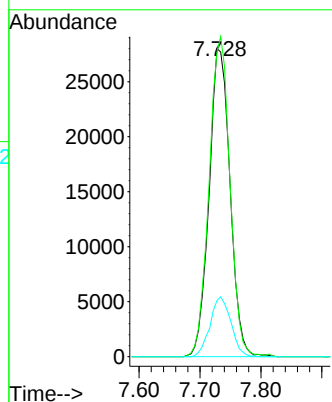
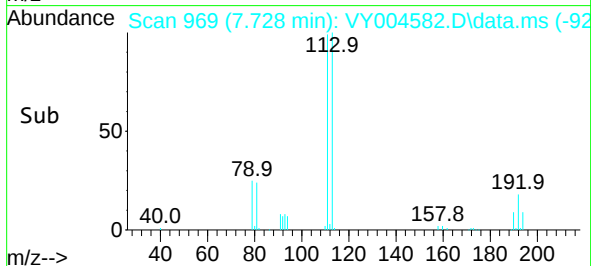


#35
Dibromofluoromethane
Concen: 56.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

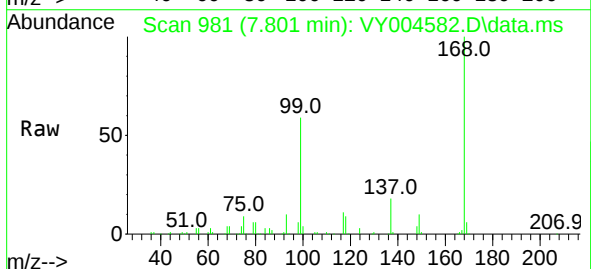
Instrument :
MSVOA_Y
ClientSampled :



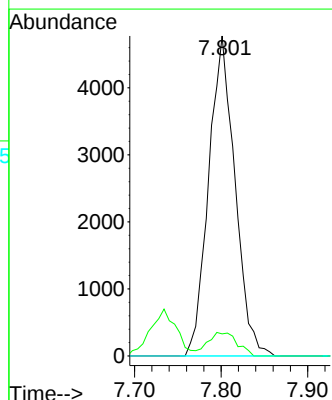
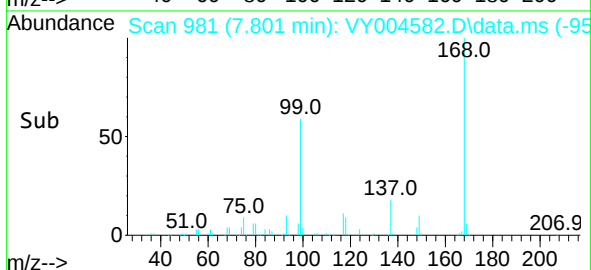
Tgt Ion:113 Resp: 67075
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 19.2 16.1 24.1

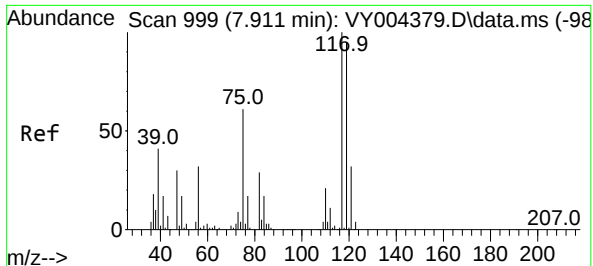


#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05



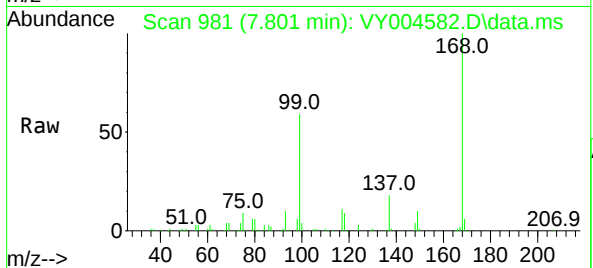
Tgt Ion: 75 Resp: 10077
Ion Ratio Lower Upper
75 100
110 8.1 17.3 51.7#
77 0.0 24.3 36.5#



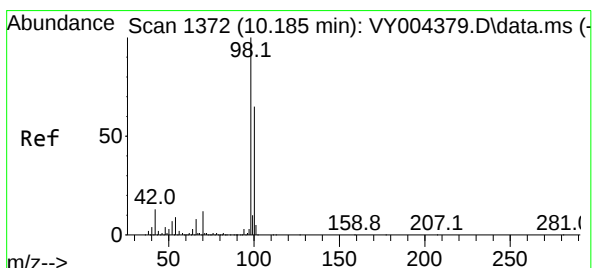
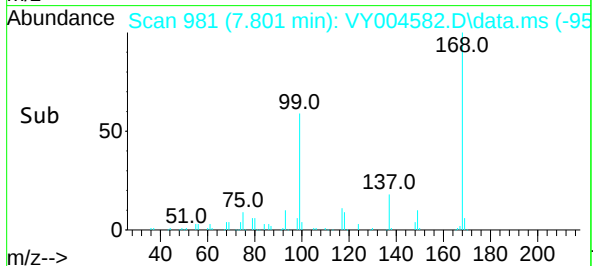
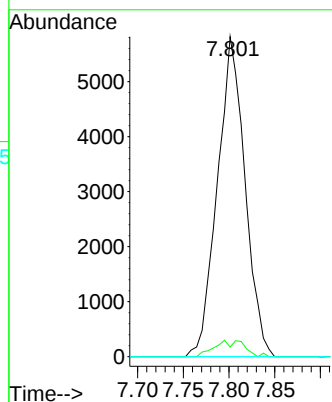


#38
Carbon Tetrachloride
Concen: 6.67 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Instrument :
MSVOA_Y
ClientSampleId :

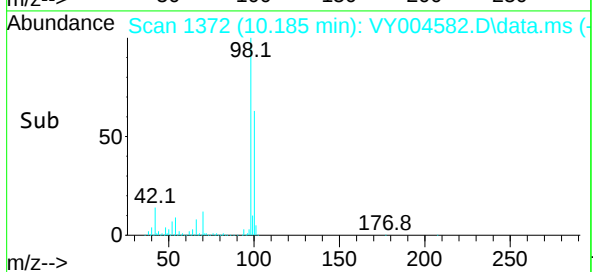
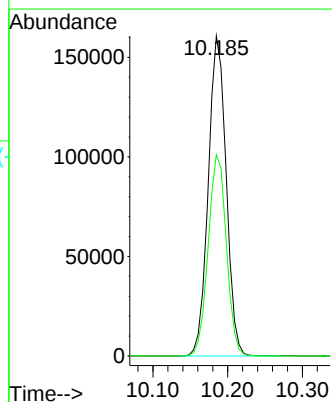
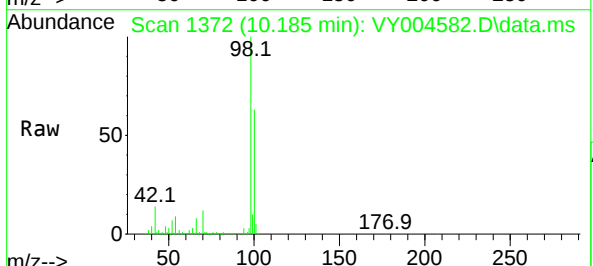


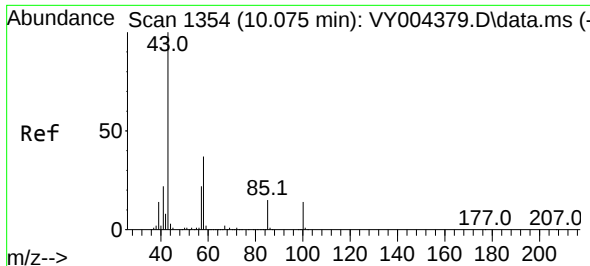
Tgt Ion:117 Resp: 12225
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 53.15 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion: 98 Resp: 267577
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6

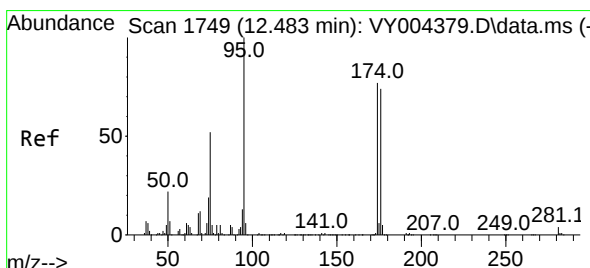
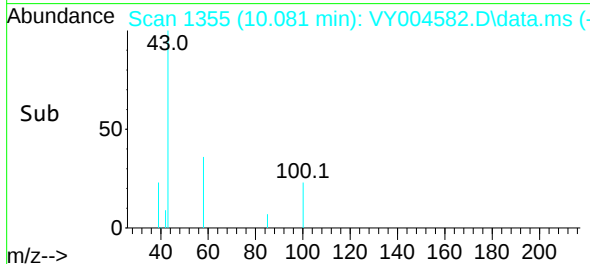
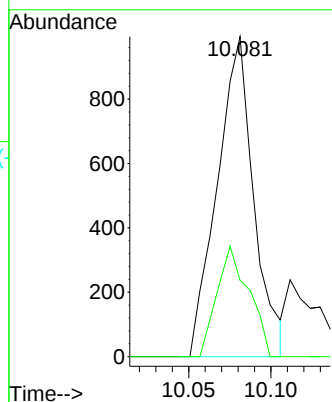
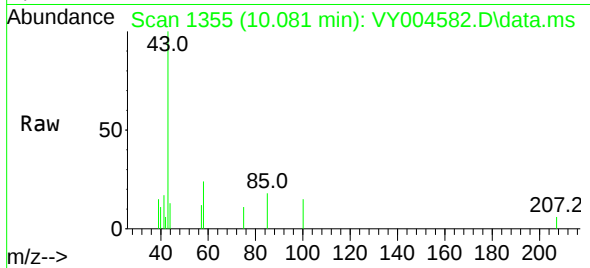




#51
4-Methyl-2-Pentanone
Concen: 1.15 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

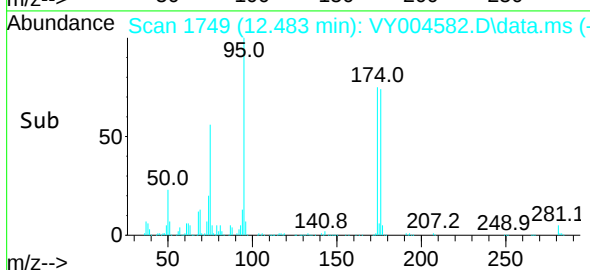
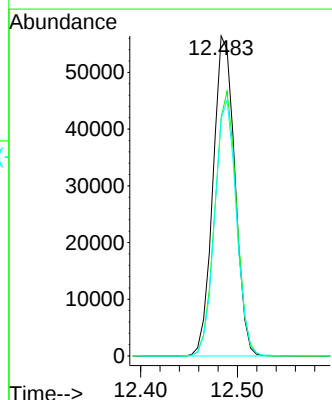
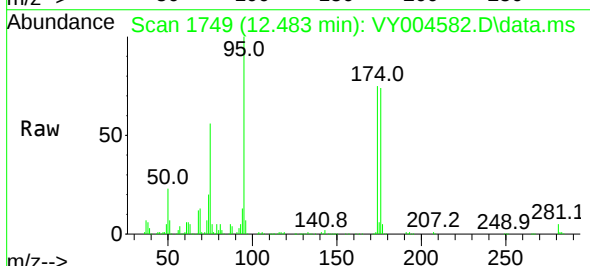
Instrument :
MSVOA_Y
ClientSampled :

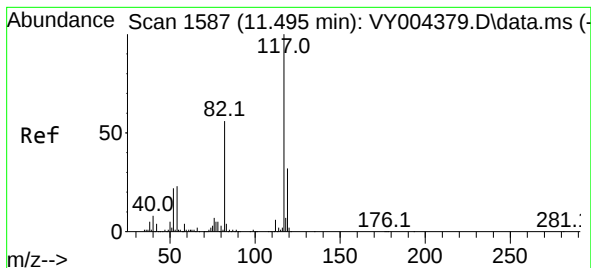
Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 30.2 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 51.69 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion: 95 Resp: 88312
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 79.0 0.0 156.0

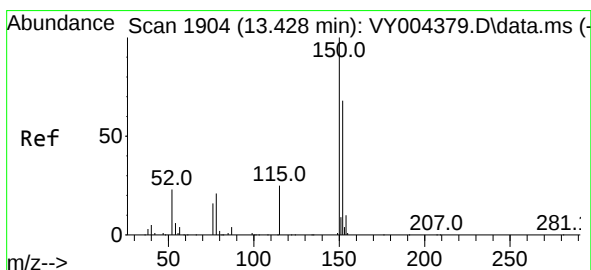
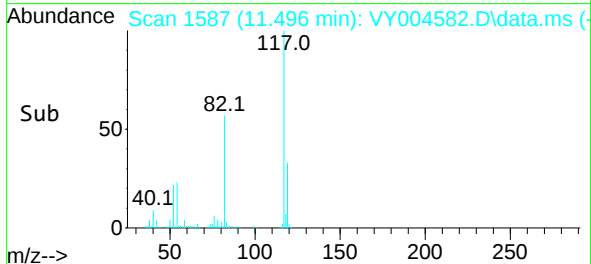
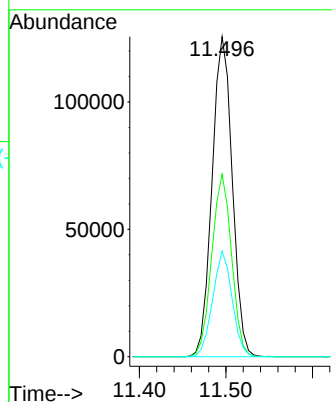
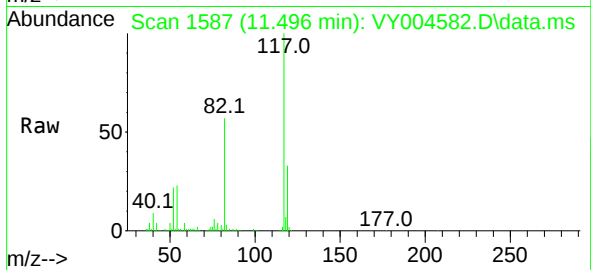




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

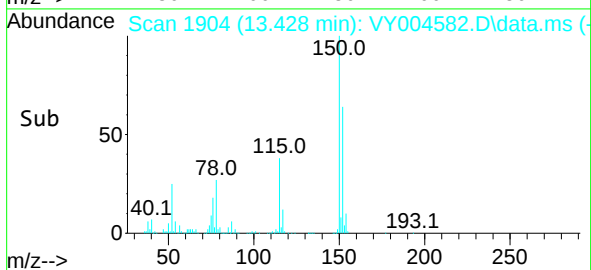
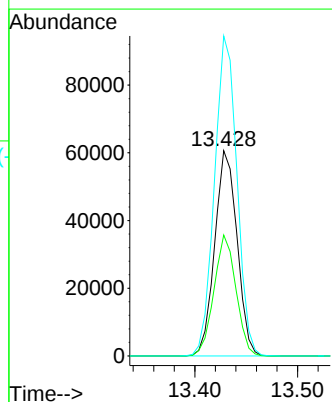
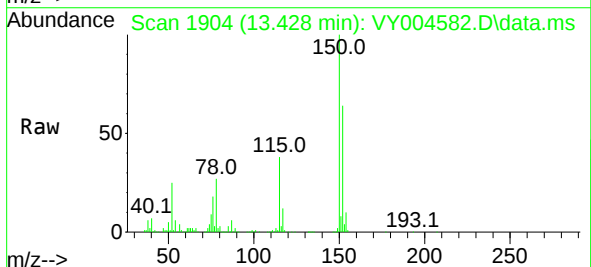
Instrument :
MSVOA_Y
ClientSampleId :

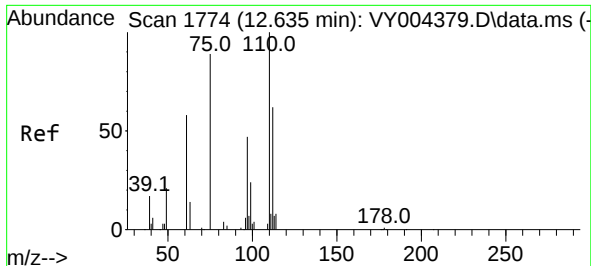
Tgt Ion:117 Resp: 203499
Ion Ratio Lower Upper
117 100
82 57.0 44.9 67.3
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion:152 Resp: 91407
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.8
150 156.7 0.0 348.4

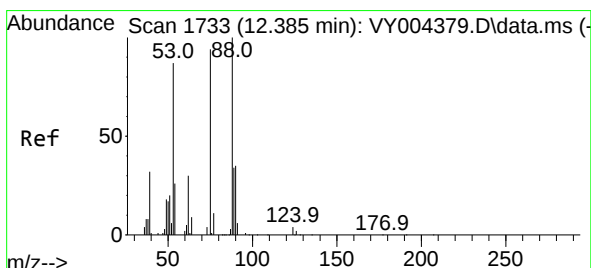
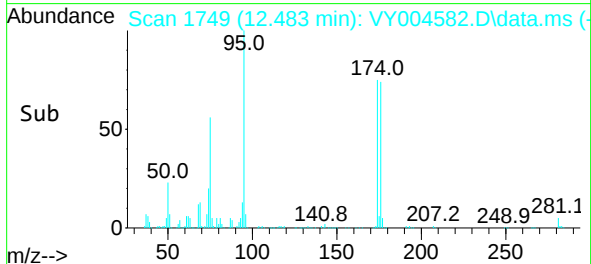
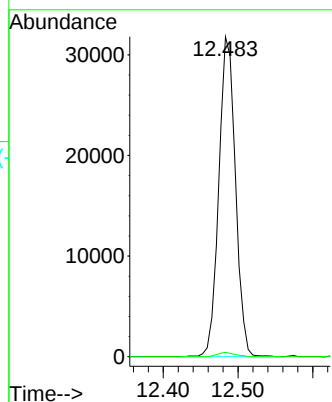
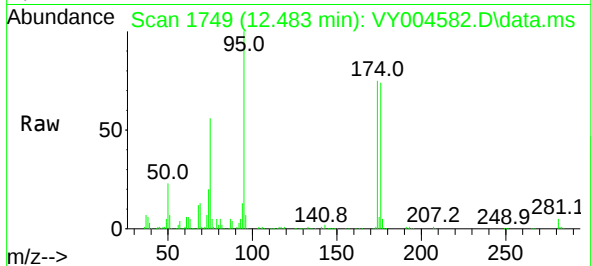




#76
1,2,3-Trichloropropane
Concen: 50.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 49261
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004582.D
Acq: 22 Apr 2021 14:05

Tgt Ion: 75 Resp: 49261
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

