

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004526.D
 Acq On : 20 Apr 2021 14:11
 Operator : SY/MD
 Sample : M2090-07
 Misc : 7.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:51:06 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	129073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84168	58.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.38%
35) Dibromofluoromethane	7.728	113	60684	47.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.62%
50) Toluene-d8	10.185	98	280761	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.483	95	81573	44.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.04%

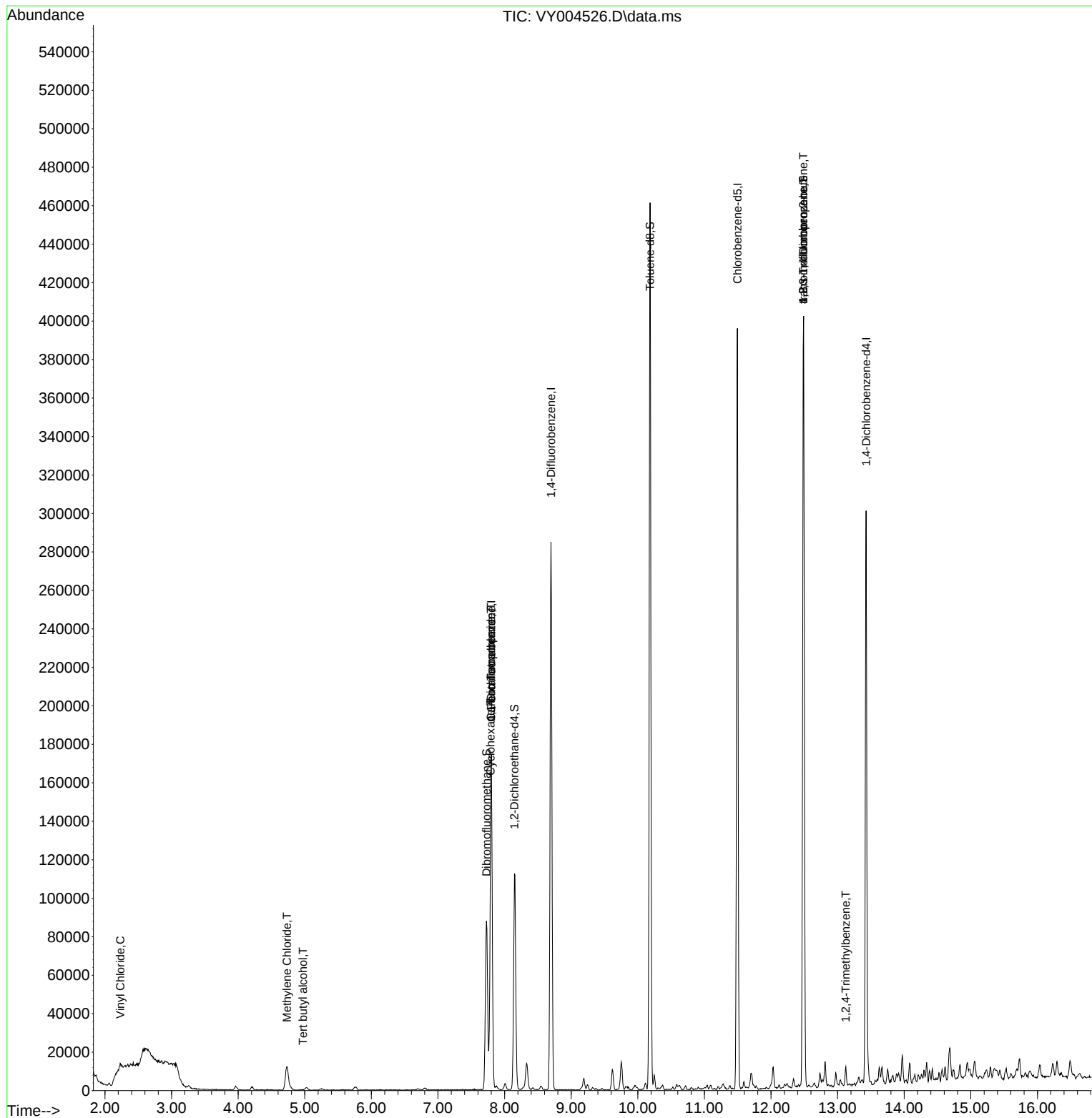
Target Compounds						Qvalue
4) Vinyl Chloride	2.229	62	7921	4.34	ug/l #	43
11) Tert butyl alcohol	4.972	59	459	3.25	ug/l #	73
16) Acetone	3.960	43	3627	Below Cal	#	88
20) Methylene Chloride	4.735	84	8428	6.08	ug/l	91
31) Cyclohexane	7.789	56	3988	1.52	ug/l #	44
36) 1,1-Dichloropropene	7.795	75	10386	4.57	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13251	6.74	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47043	63.90	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47043	114.30	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.123	105	4865	1.12	ug/l	97

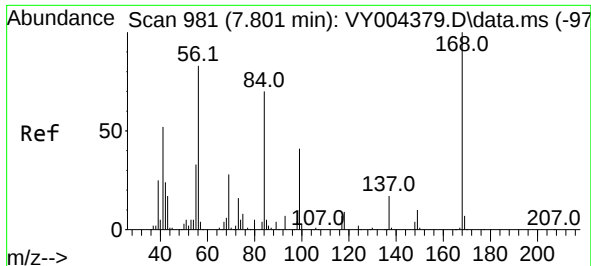
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VY004526.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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Response via : Initial Calibration

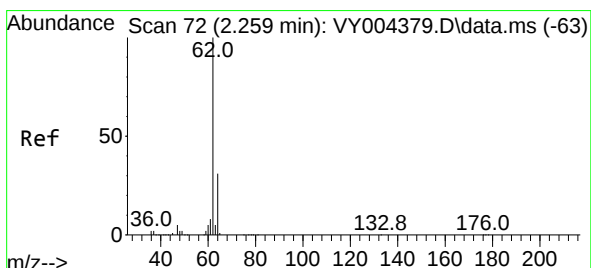
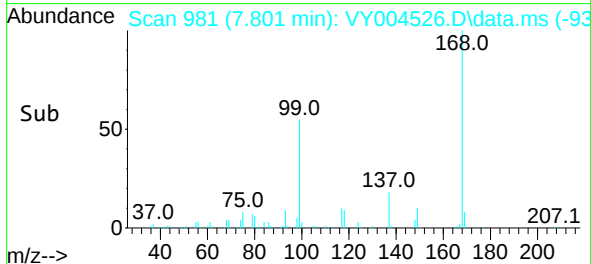
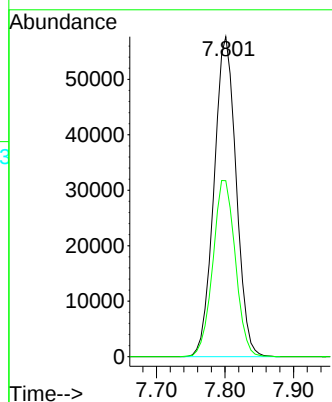
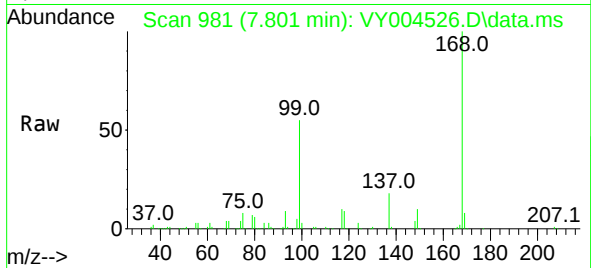




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

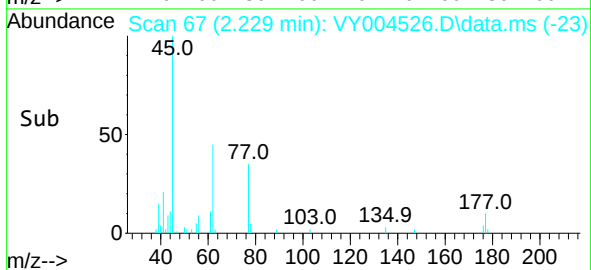
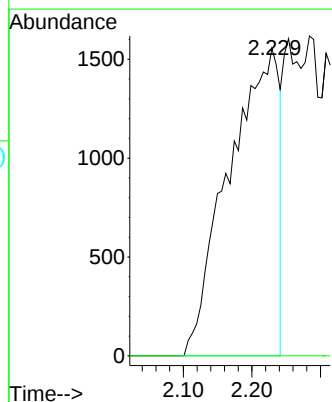
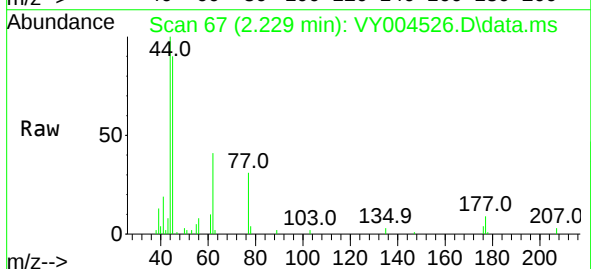
Instrument :
MSVOA_Y
ClientSampled :

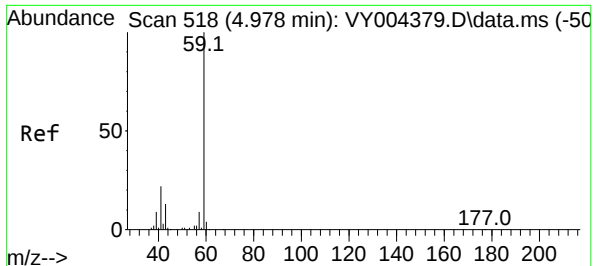
Tgt Ion:168 Resp: 129073
Ion Ratio Lower Upper
168 100
99 55.0 45.5 68.3



#4
Vinyl Chloride
Concen: 4.34 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.030 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Tgt Ion: 62 Resp: 7921
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

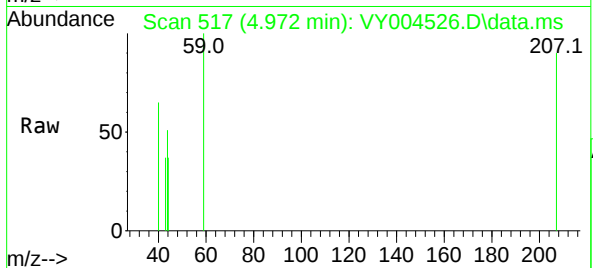




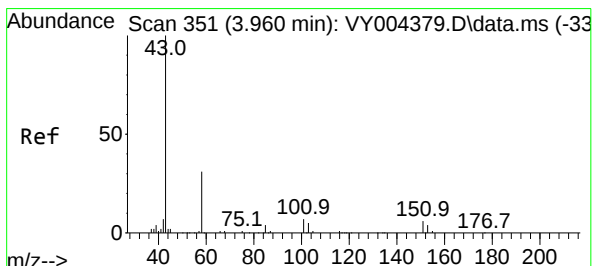
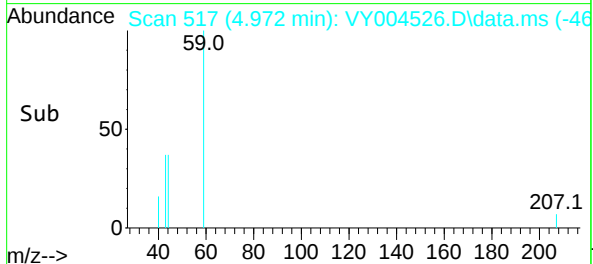
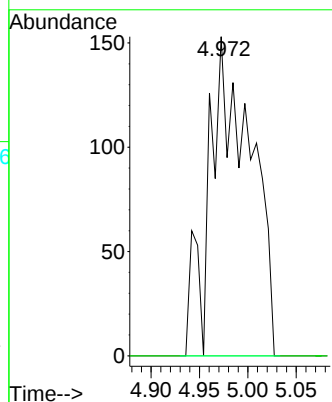
#11

Tert butyl alcohol
Concen: 3.25 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Instrument :
MSVOA_Y
ClientSampled :



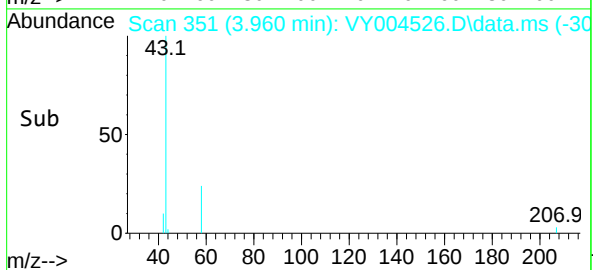
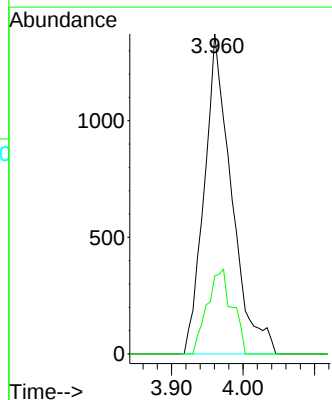
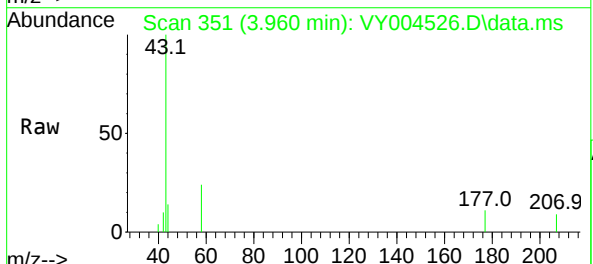
Tgt Ion: 59 Resp: 459
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

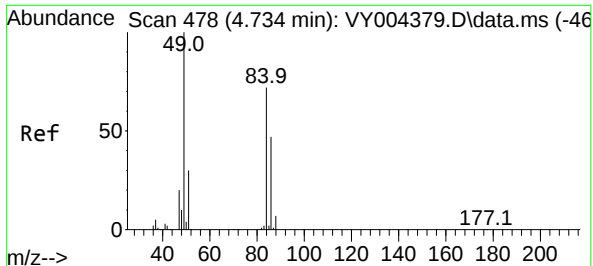


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

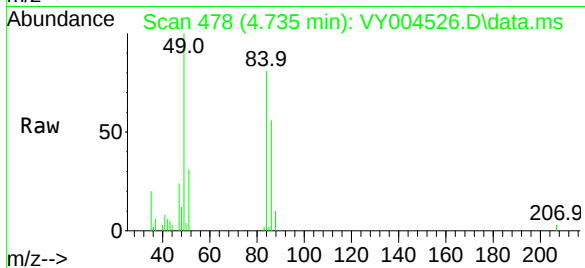
Tgt Ion: 43 Resp: 3627
Ion Ratio Lower Upper
43 100
58 24.4 24.6 37.0#





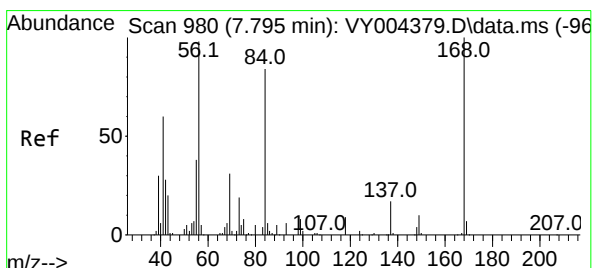
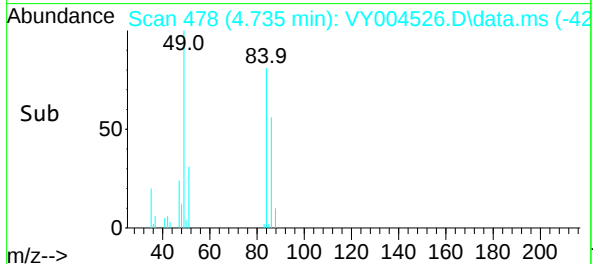
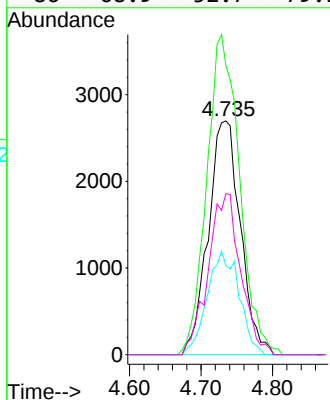
#20
Methylene Chloride
Concen: 6.08 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 8428

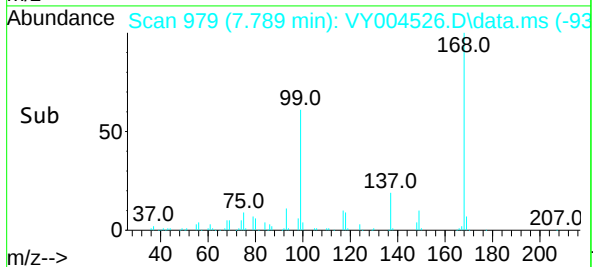
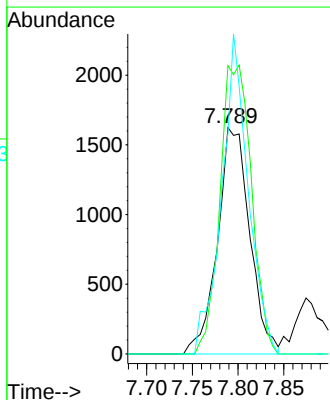
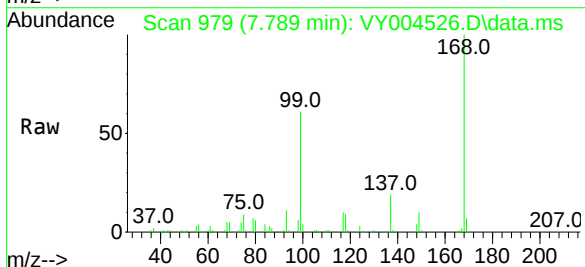
Ion	Ratio	Lower	Upper
84	100		
49	123.7	111.2	166.8
51	38.3	33.4	50.2
86	68.9	52.7	79.1

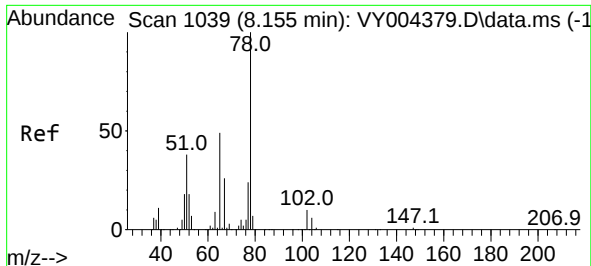


#31
Cyclohexane
Concen: 1.52 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Tgt Ion: 56 Resp: 3988

Ion	Ratio	Lower	Upper
56	100		
69	127.4	25.8	38.6#
84	97.5	68.2	102.4

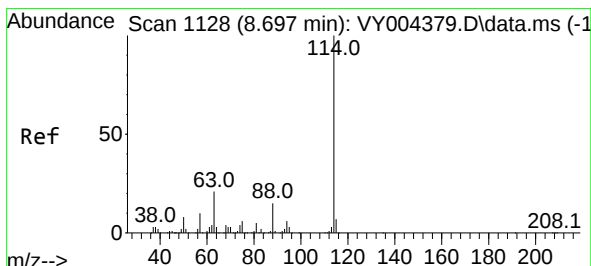
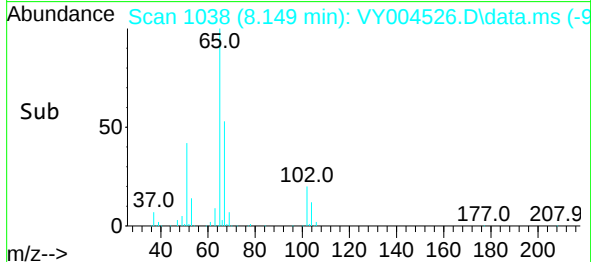
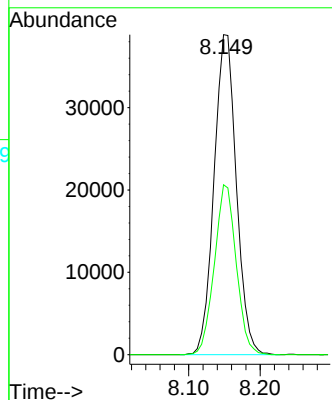
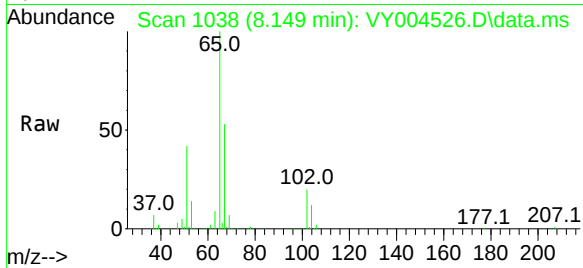




#33
 1,2-Dichloroethane-d4
 Concen: 58.69 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004526.D
 Acq: 20 Apr 2021 14:11

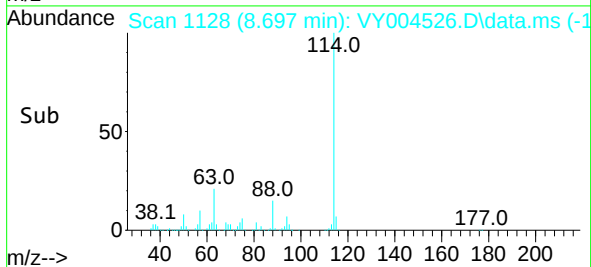
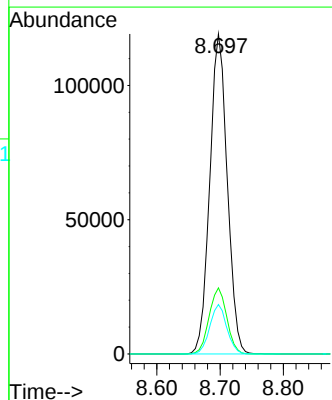
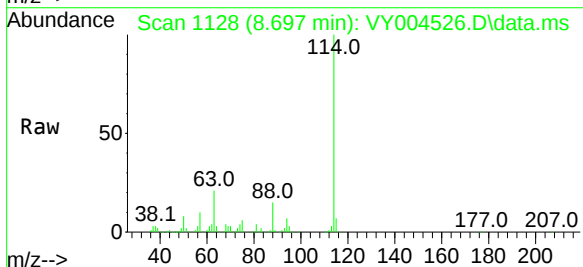
Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 65 Resp: 84168
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VY004526.D
 Acq: 20 Apr 2021 14:11

Tgt Ion:114 Resp: 228715
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.5 0.0 30.8

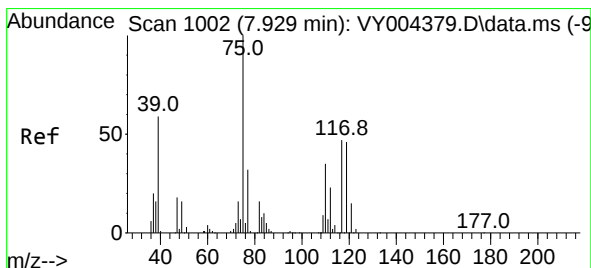
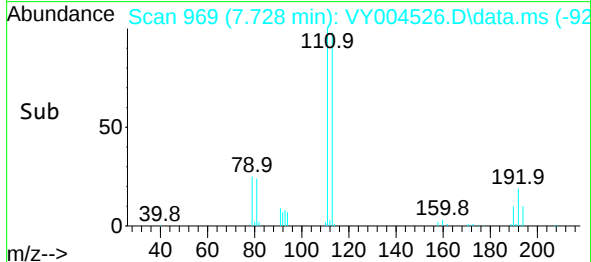
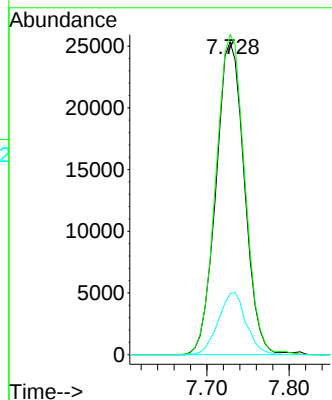
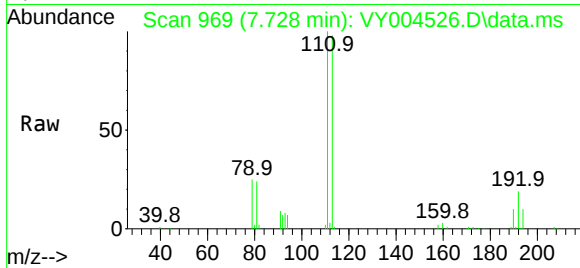




#35
Dibromofluoromethane
Concen: 47.81 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

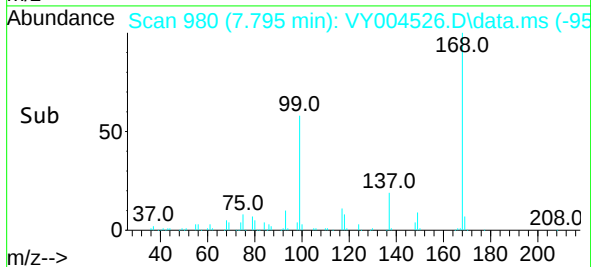
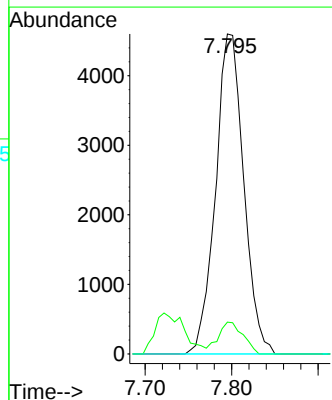
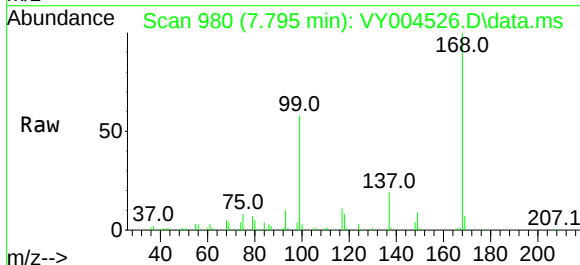
Instrument :
MSVOA_Y
ClientSampleId :

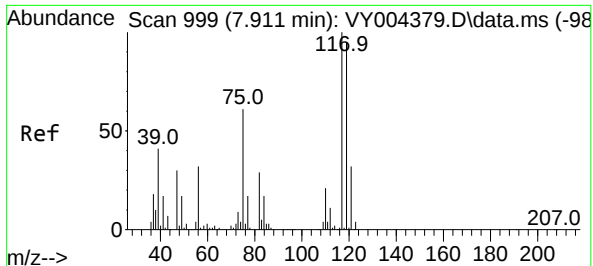
Tgt Ion:113 Resp: 60684
Ion Ratio Lower Upper
113 100
111 104.3 82.6 123.8
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

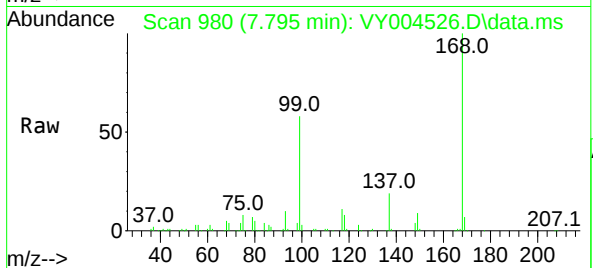
Tgt Ion: 75 Resp: 10386
Ion Ratio Lower Upper
75 100
110 8.7 17.3 51.7#
77 0.0 24.3 36.5#



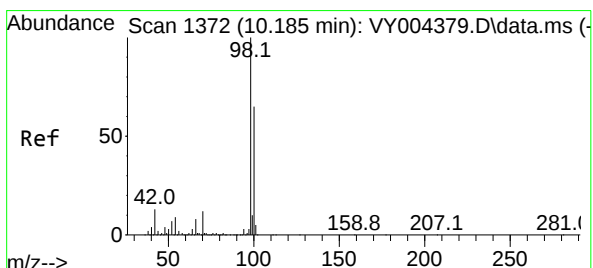
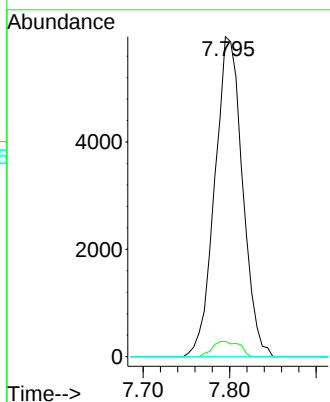
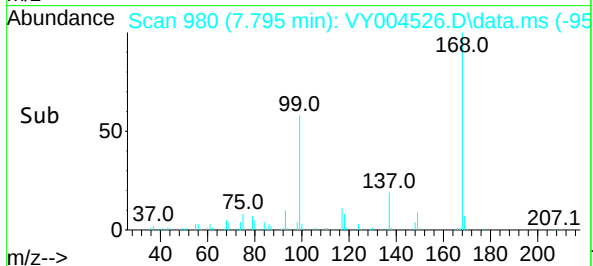


#38
Carbon Tetrachloride
Concen: 6.74 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

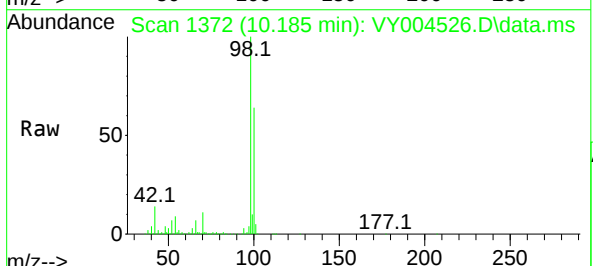
Instrument :
MSVOA_Y
ClientSampled :



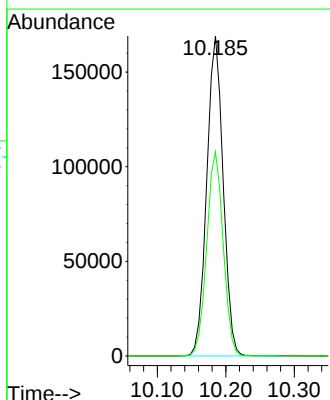
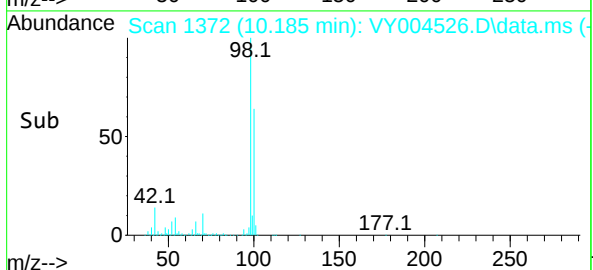
Tgt Ion:117 Resp: 13251
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 25.3 37.9#

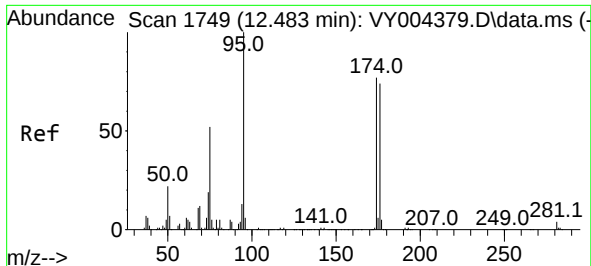


#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11



Tgt Ion: 98 Resp: 280761
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

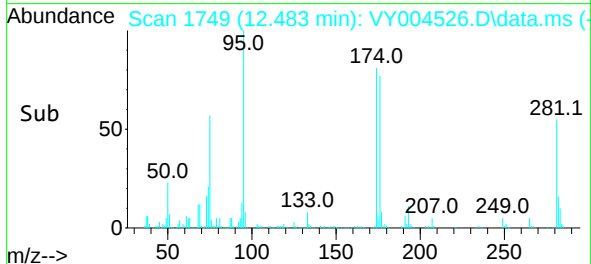
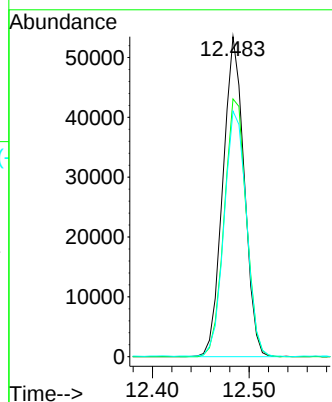
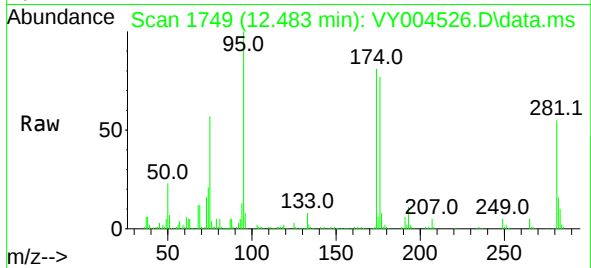




#62
4-Bromofluorobenzene
Concen: 44.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

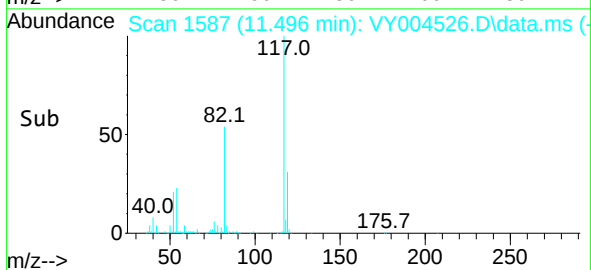
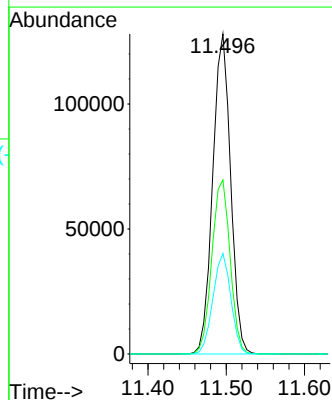
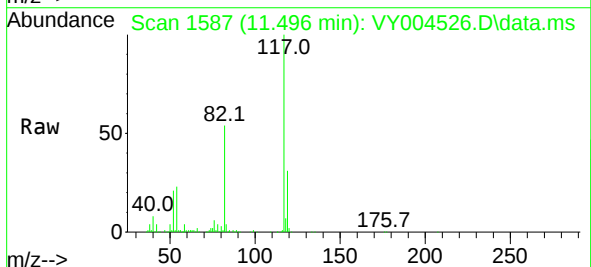
Instrument :
MSVOA_Y
ClientSampled :

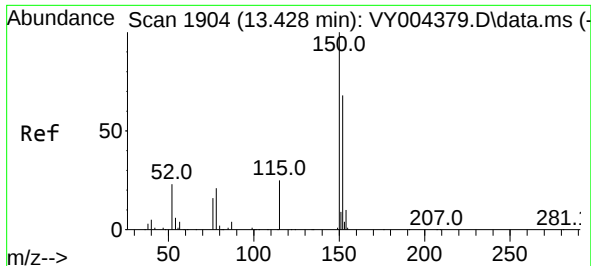
Tgt Ion: 95 Resp: 81573
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 80.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Tgt Ion: 117 Resp: 202935
Ion Ratio Lower Upper
117 100
82 54.4 44.9 67.3
119 31.4 25.4 38.0

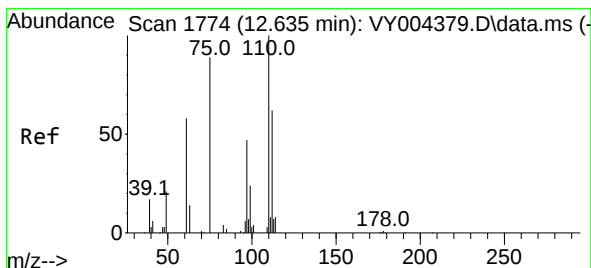
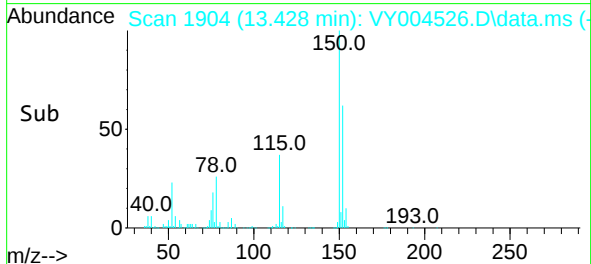
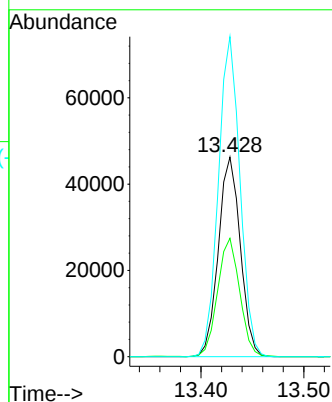
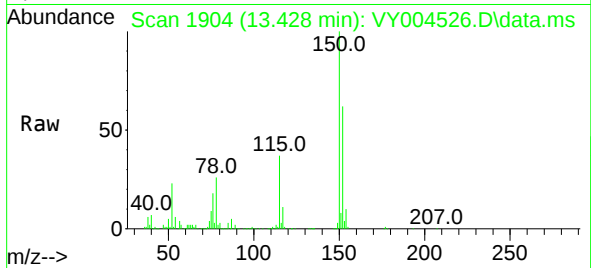




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

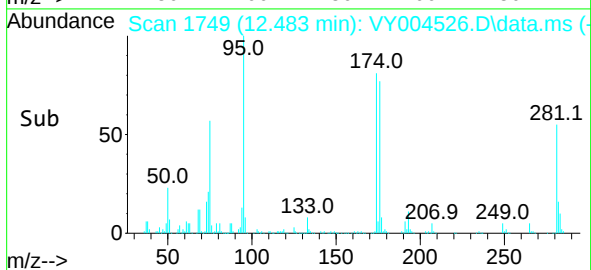
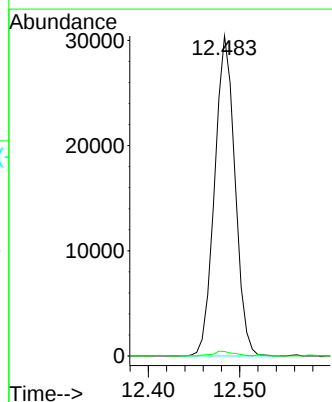
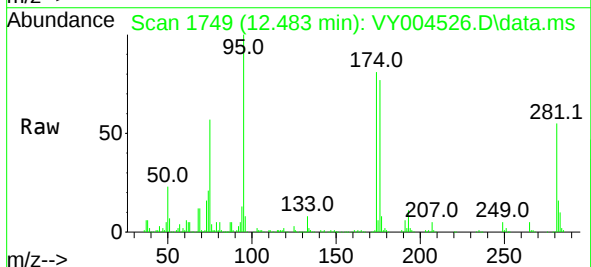
Instrument :
MSVOA_Y
ClientSampled :

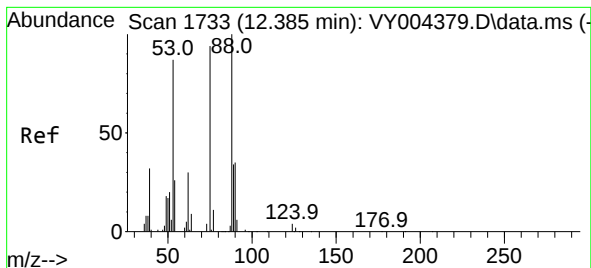
Tgt Ion:152 Resp: 68597
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.8
150 157.6 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 63.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Tgt Ion: 75 Resp: 47043
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

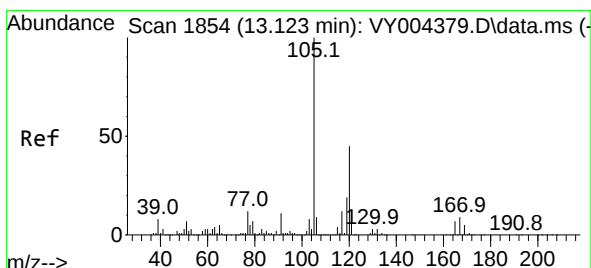
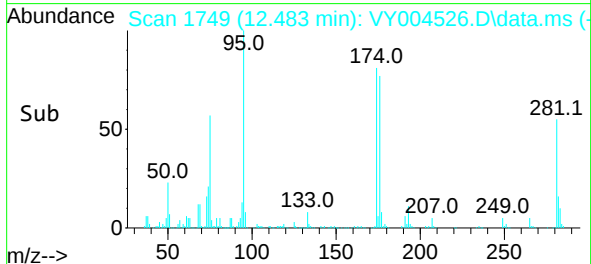
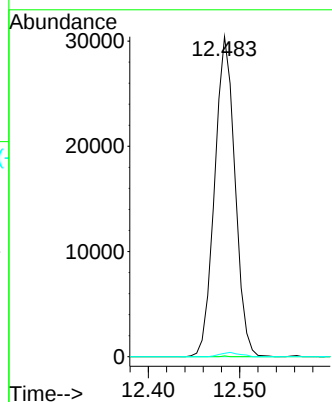
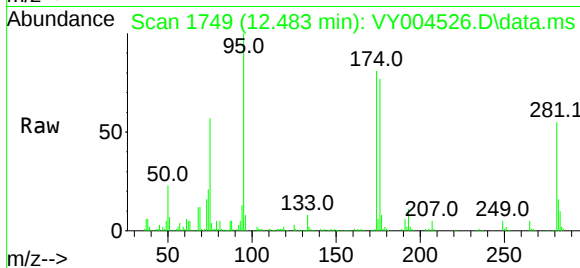




#81
trans-1,4-Dichloro-2-butene
Concen: 114.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47043
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 1.3 36.1 54.1#



#84
1,2,4-Trimethylbenzene
Concen: 1.12 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004526.D
Acq: 20 Apr 2021 14:11

Tgt Ion:105 Resp: 4865
Ion Ratio Lower Upper
105 100
120 42.8 22.4 67.3

