

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004536.D
 Acq On : 20 Apr 2021 18:04
 Operator : SY/MD
 Sample : M2089-04
 Misc : 7.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:54:06 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)

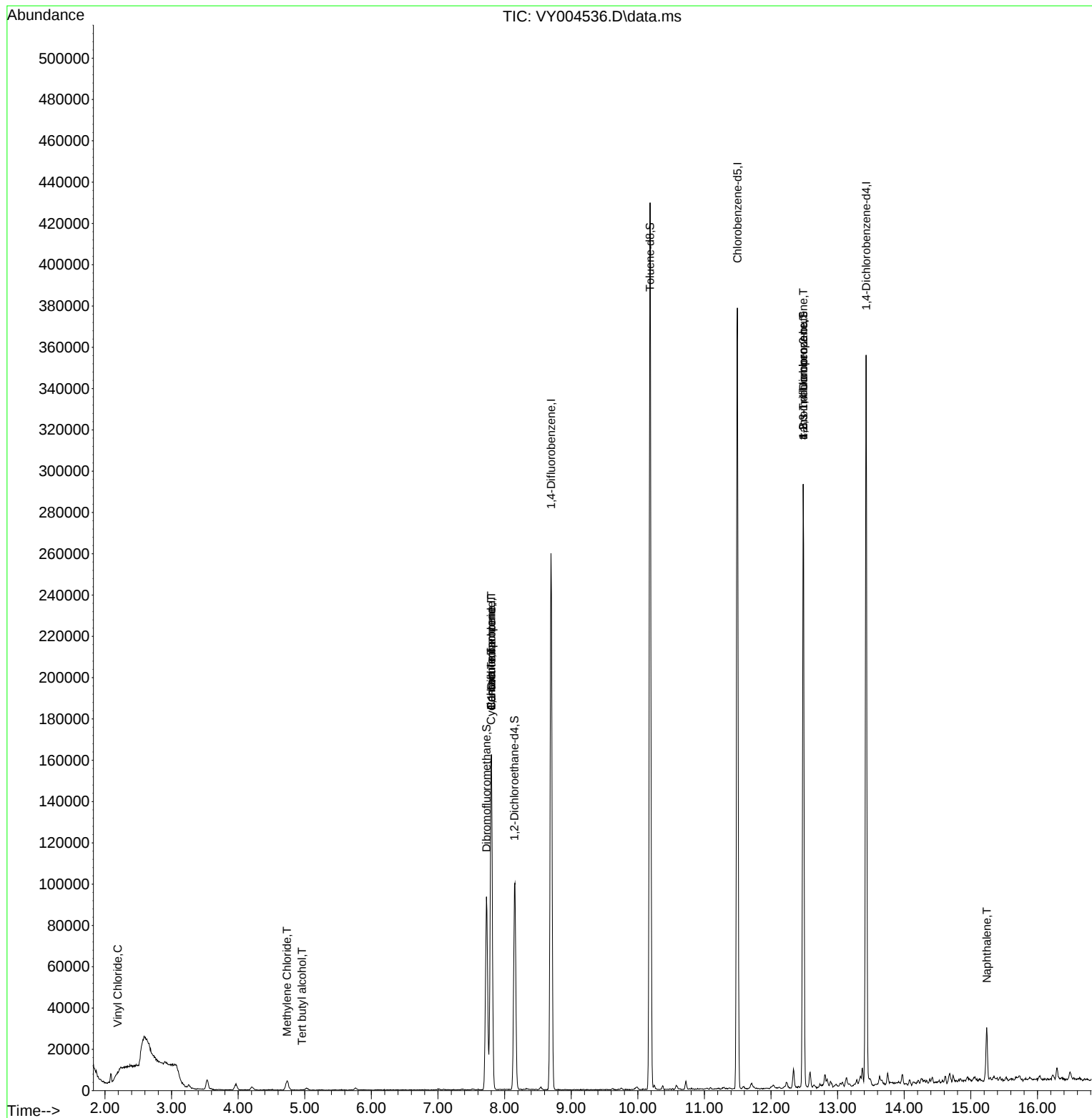
Internal Standards						
1) Pentafluorobenzene	7.801	168	122825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79301	58.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.22%
35) Dibromofluoromethane	7.728	113	62861	53.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.66%
50) Toluene-d8	10.185	98	260577	51.97	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.94%
62) 4-Bromofluorobenzene	12.483	95	82213	48.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.64%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.192	62	3065	1.76	ug/l #	43
11) Tert butyl alcohol	4.960	59	225	1.67	ug/l #	73
16) Acetone	3.966	43	4877	Below	Cal	93
20) Methylene Chloride	4.735	84	3206	2.43	ug/l	91
31) Cyclohexane	7.795	56	3122	1.25	ug/l #	23
36) 1,1-Dichloropropene	7.801	75	10017	4.75	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12457	6.83	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	46509	52.59	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46509	94.08	ug/l #	12
95) Naphthalene	15.239	128	19800	5.82	ug/l	98

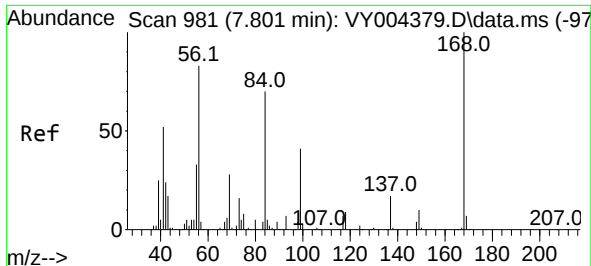
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004536.D
Acq On : 20 Apr 2021 18:04
Operator : SY/MD
Sample : M2089-04
Misc : 7.24G/5ML/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

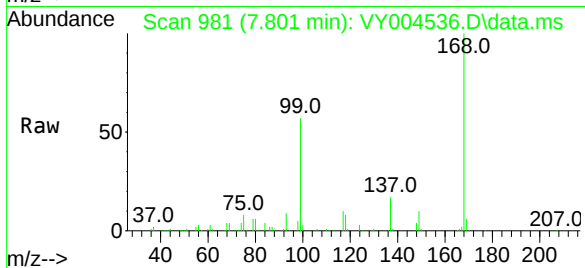
Quant Time: Apr 21 08:54:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



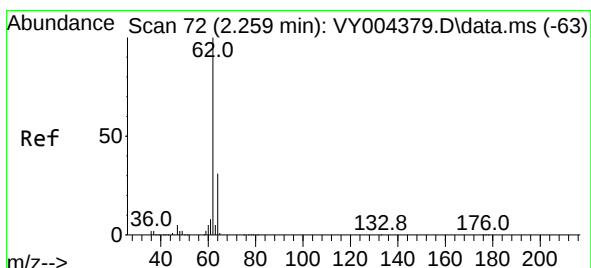
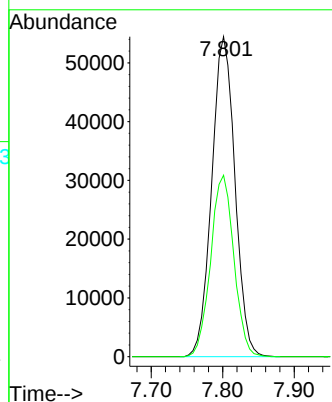
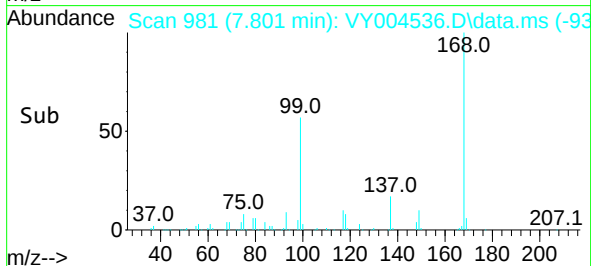


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

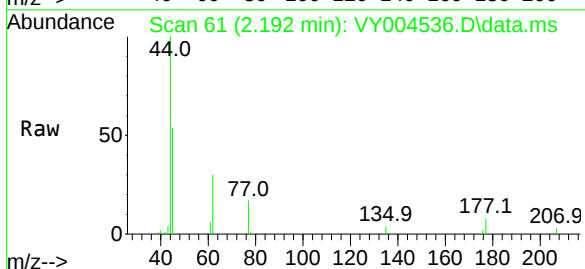
Instrument :
MSVOA_Y
ClientSampled :



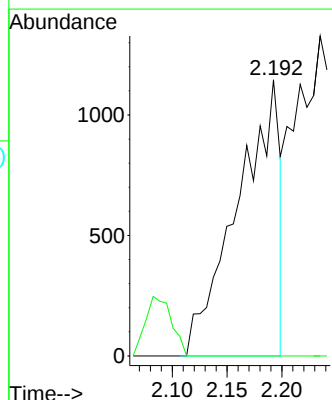
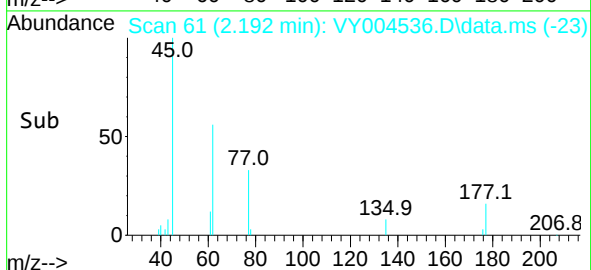
Tgt Ion:168 Resp: 122825
Ion Ratio Lower Upper
168 100
99 56.7 45.5 68.3

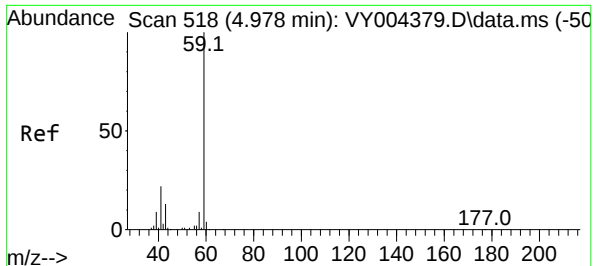


#4
Vinyl Chloride
Concen: 1.76 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04



Tgt Ion: 62 Resp: 3065
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

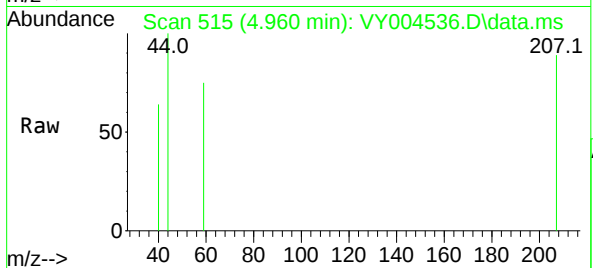




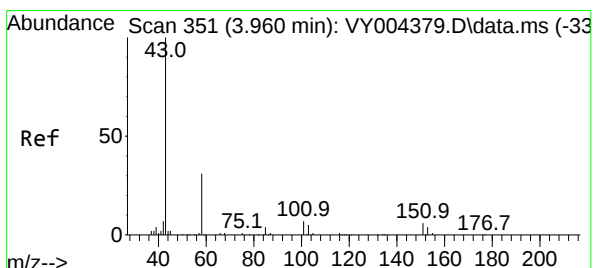
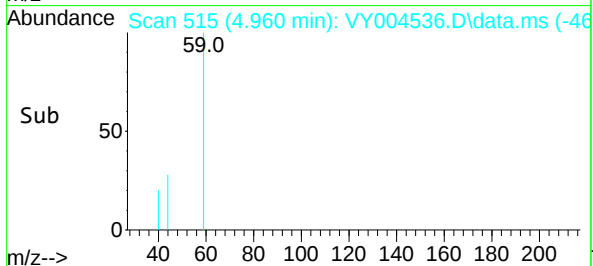
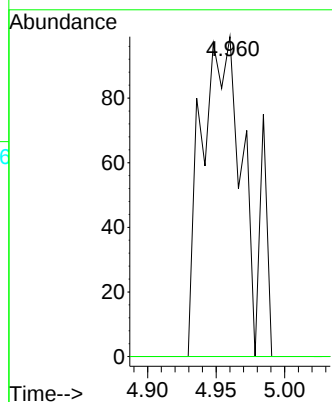
#11

Tert butyl alcohol
Concen: 1.67 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Instrument :
MSVOA_Y
ClientSampled :



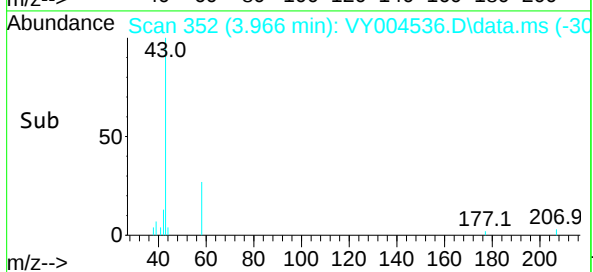
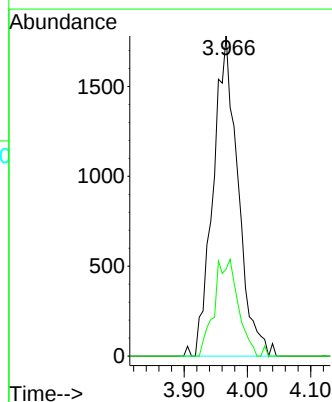
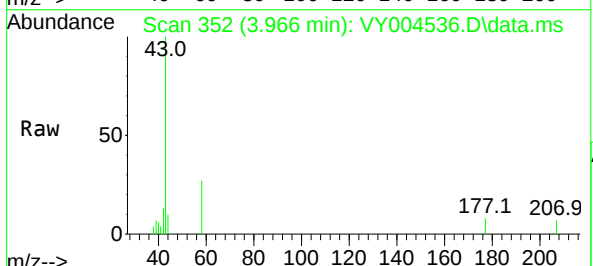
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

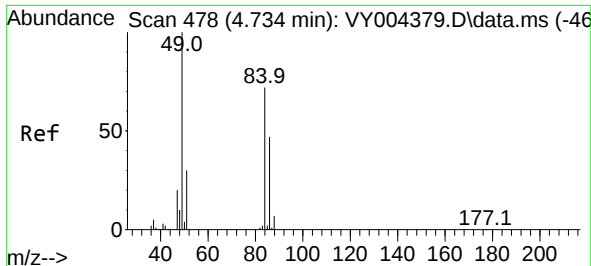


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

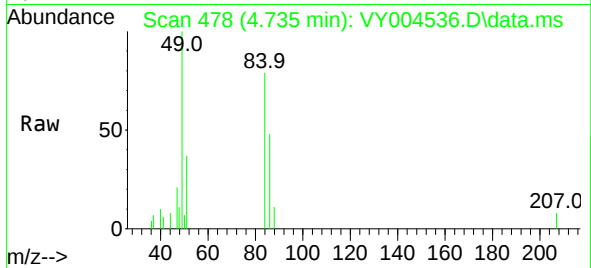
Tgt Ion: 43 Resp: 4877
Ion Ratio Lower Upper
43 100
58 27.2 24.6 37.0





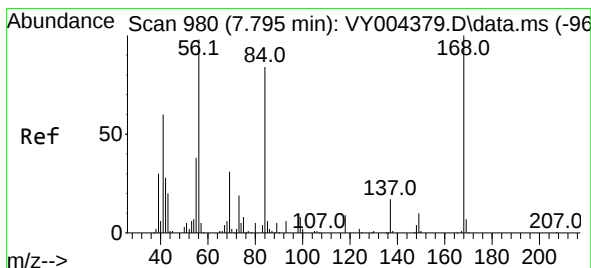
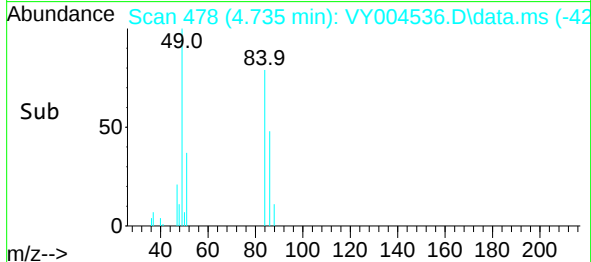
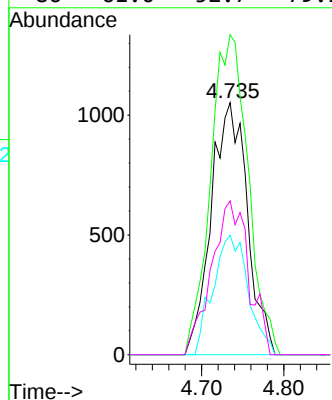
#20
Methylene Chloride
Concen: 2.43 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 3206

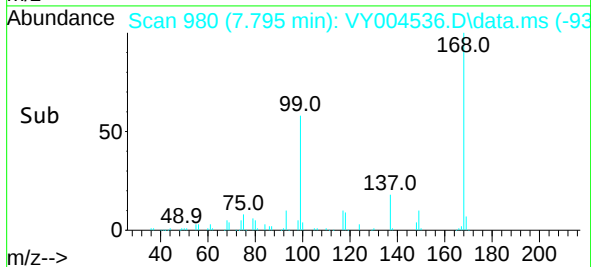
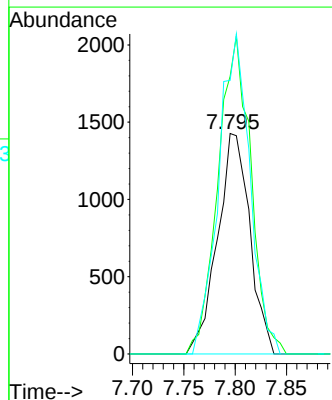
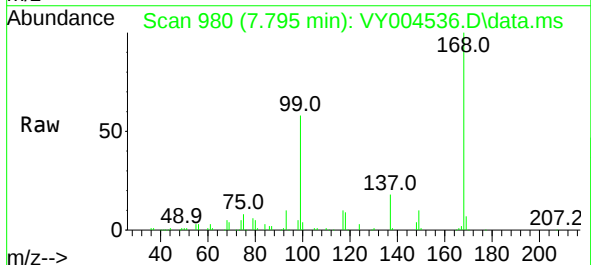
Ion	Ratio	Lower	Upper
84	100		
49	127.0	111.2	166.8
51	47.4	33.4	50.2
86	61.0	52.7	79.1

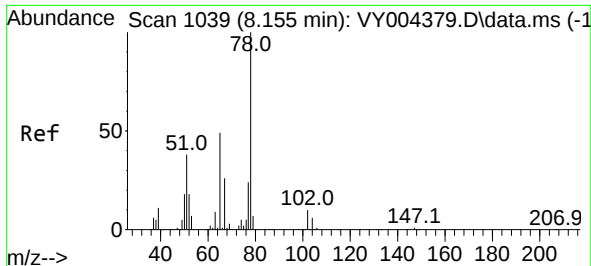


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Tgt Ion: 56 Resp: 3122

Ion	Ratio	Lower	Upper
56	100		
69	125.9	25.8	38.6#
84	124.1	68.2	102.4#

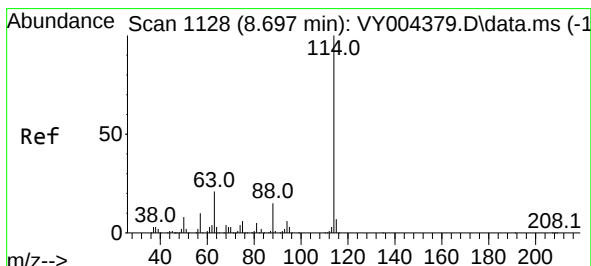
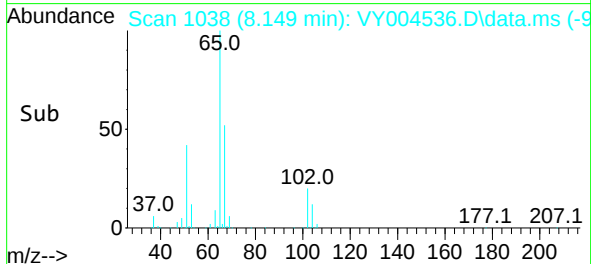
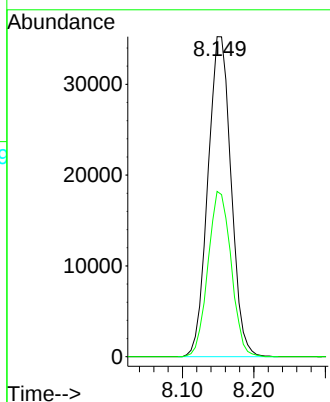
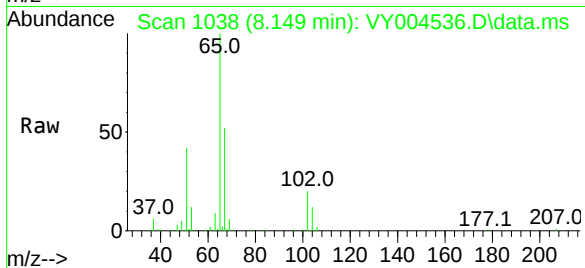




#33
1,2-Dichloroethane-d4
Concen: 58.11 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

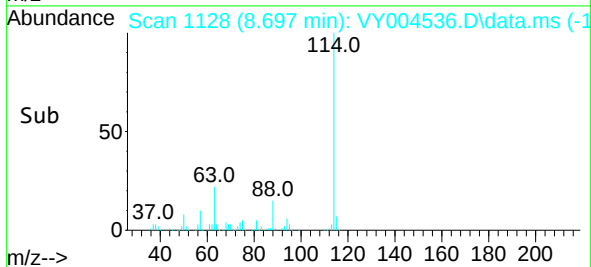
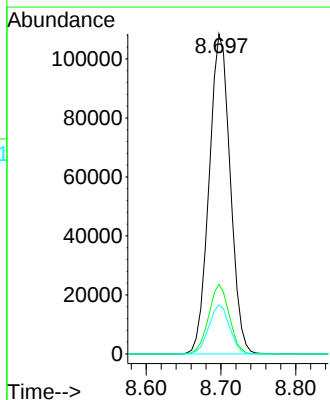
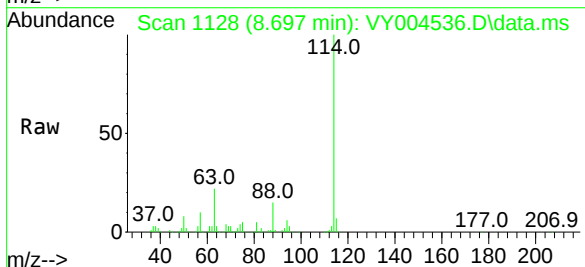
Instrument :
MSVOA_Y
ClientSampleId :

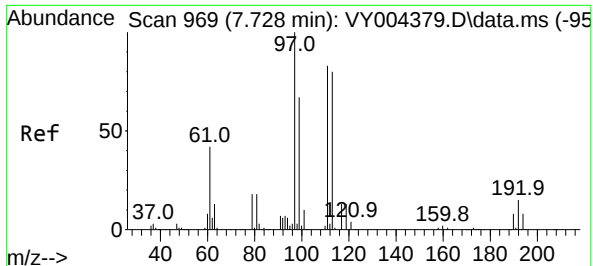
Tgt Ion: 65 Resp: 79301
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Tgt Ion: 114 Resp: 212394
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 15.4 0.0 30.8

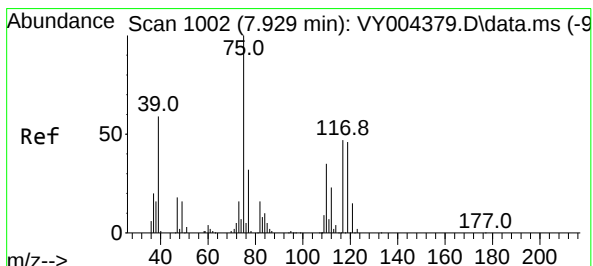
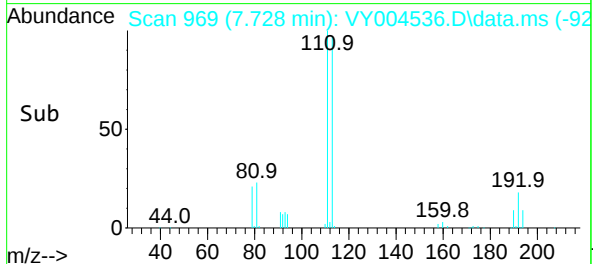
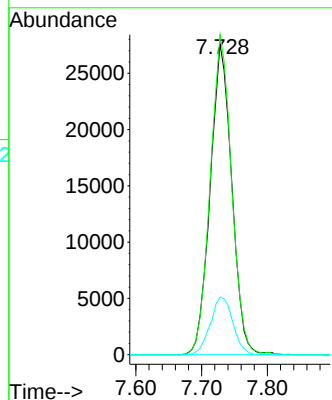
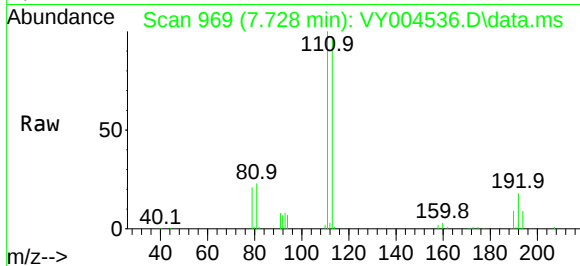




#35
Dibromofluoromethane
Concen: 53.33 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

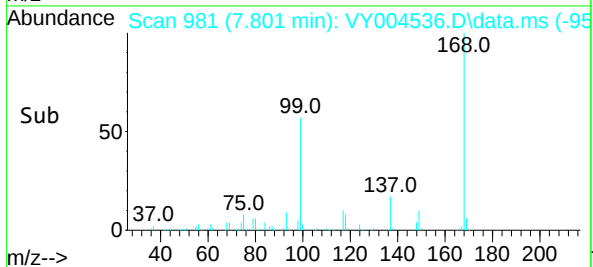
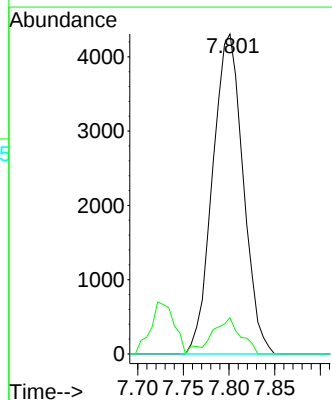
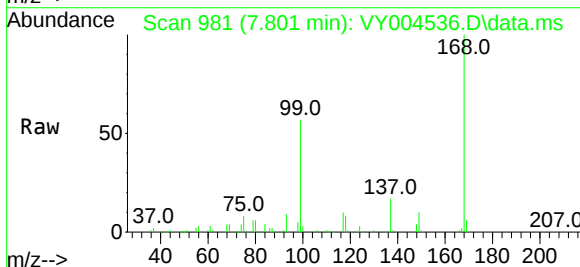
Instrument :
MSVOA_Y
ClientSampleId :

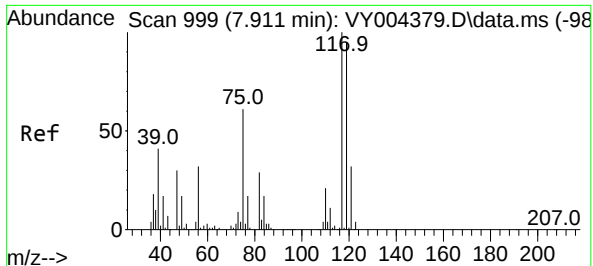
Tgt Ion:	113	Resp:	62861
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	123.8
192	19.4	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

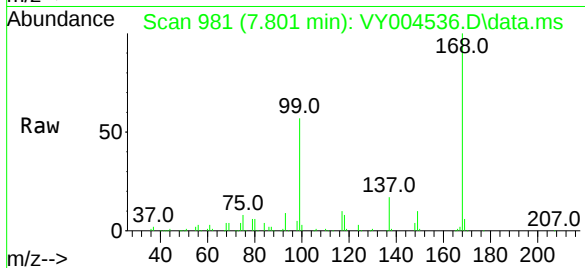
Tgt Ion:	75	Resp:	10017
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.3	51.7#
77	0.0	24.3	36.5#



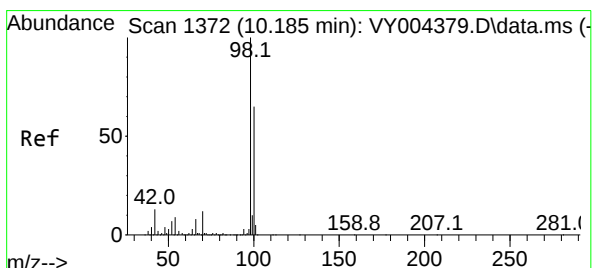
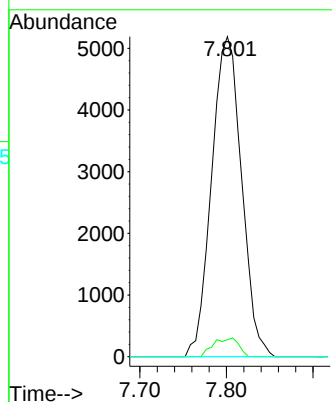
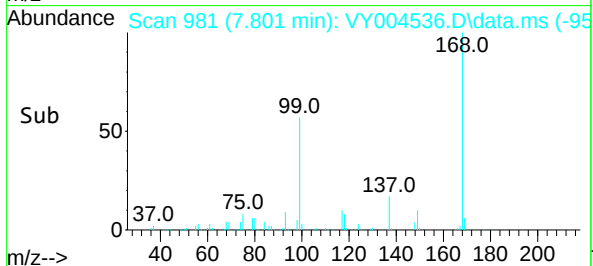


#38
Carbon Tetrachloride
Concen: 6.83 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

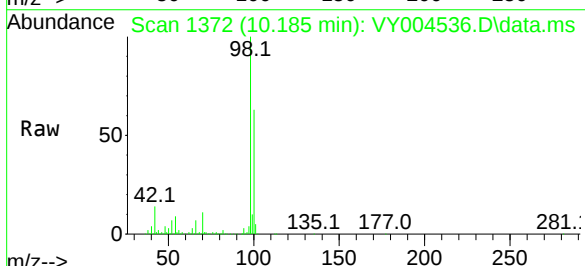
Instrument :
MSVOA_Y
ClientSampled :



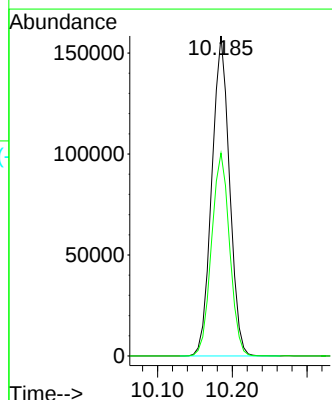
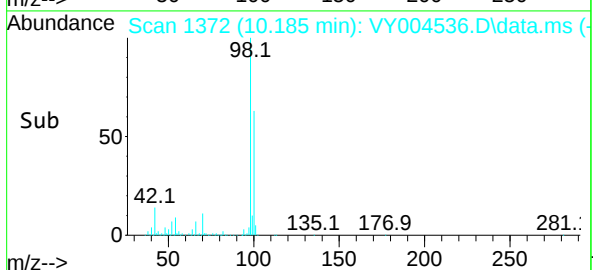
Tgt Ion:117 Resp: 12457
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 25.3 37.9#

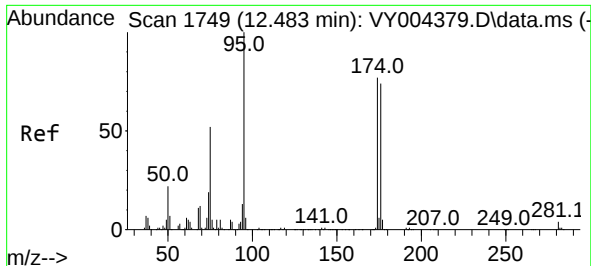


#50
Toluene-d8
Concen: 51.97 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04



Tgt Ion: 98 Resp: 260577
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

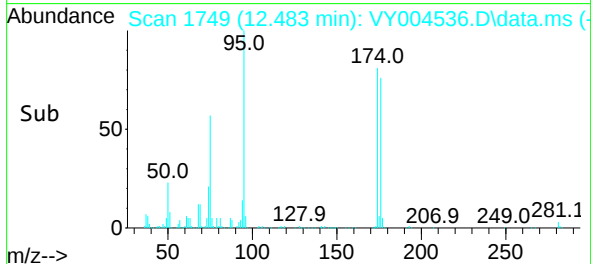
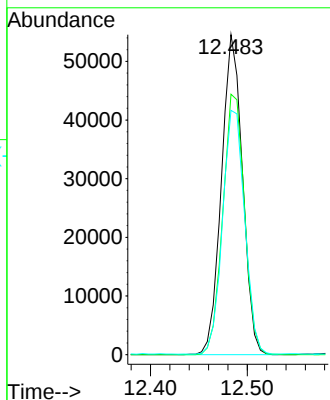
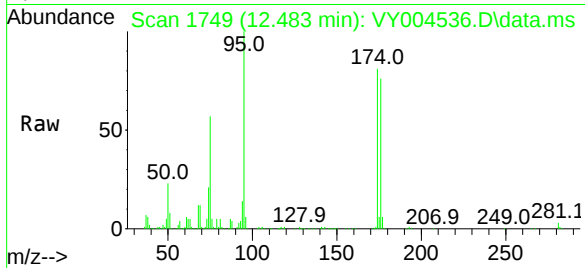




#62
4-Bromofluorobenzene
Concen: 48.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

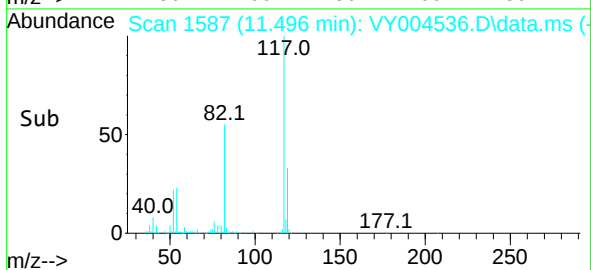
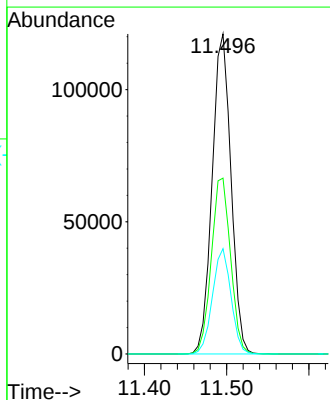
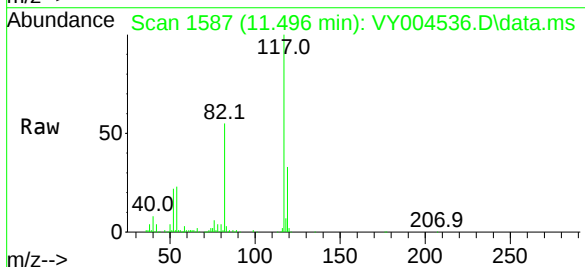
Instrument :
MSVOA_Y
ClientSampleId :

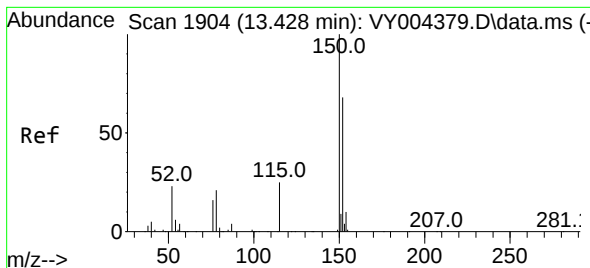
Tgt Ion: 95 Resp: 82213
Ion Ratio Lower Upper
95 100
174 84.0 0.0 162.4
176 80.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Tgt Ion: 117 Resp: 192747
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 32.9 25.4 38.0

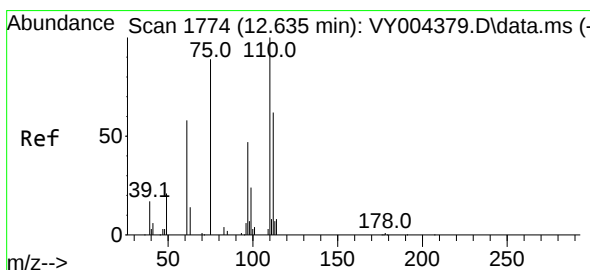
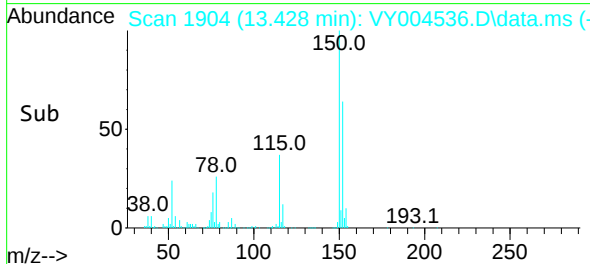
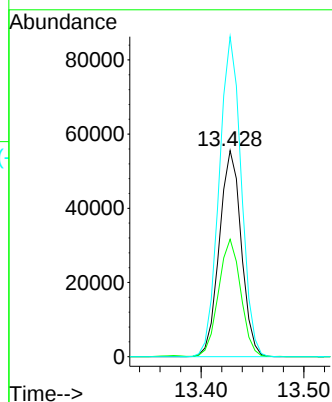
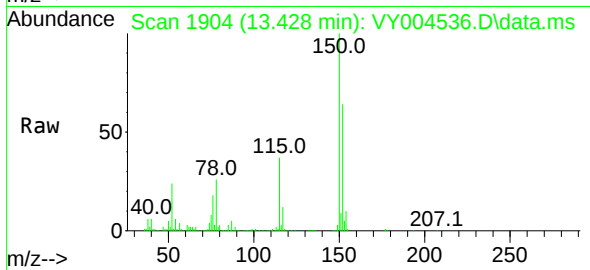




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004536.D
 Acq: 20 Apr 2021 18:04

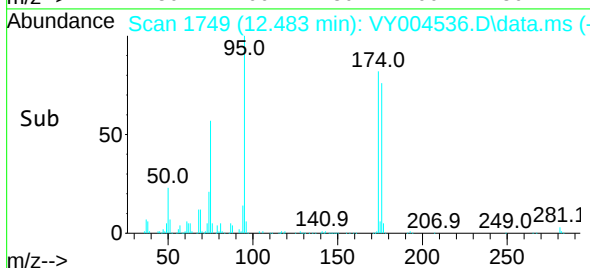
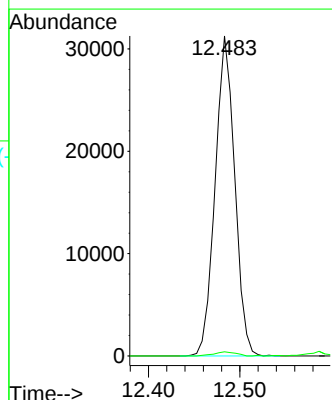
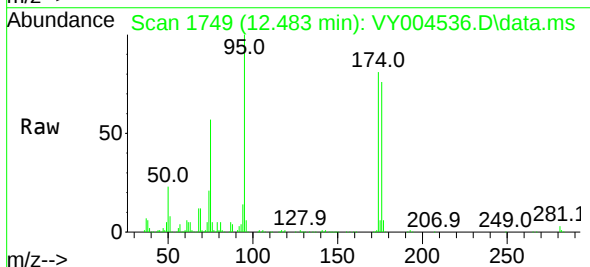
Instrument :
 MSVOA_Y
 ClientSampled :

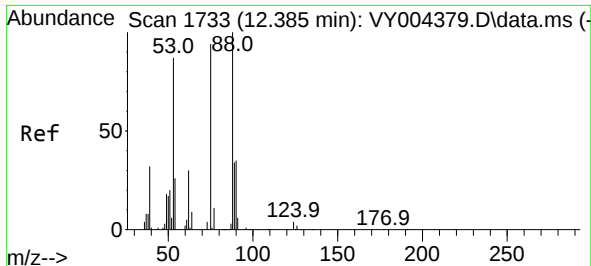
Tgt Ion:152 Resp: 82401
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.6 88.8
 150 156.4 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 52.59 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004536.D
 Acq: 20 Apr 2021 18:04

Tgt Ion: 75 Resp: 46509
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

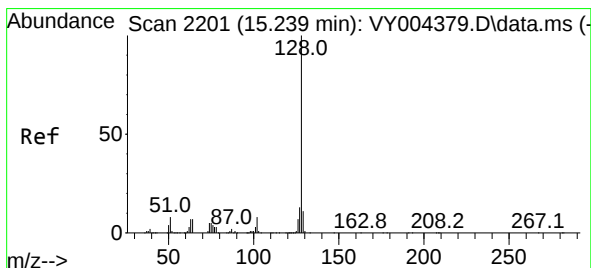
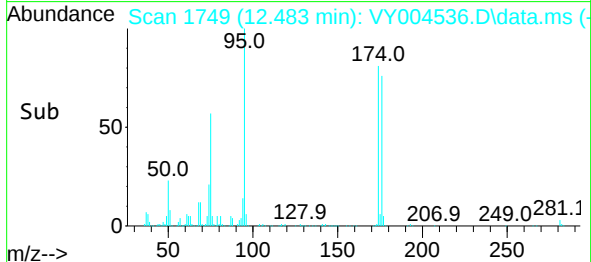
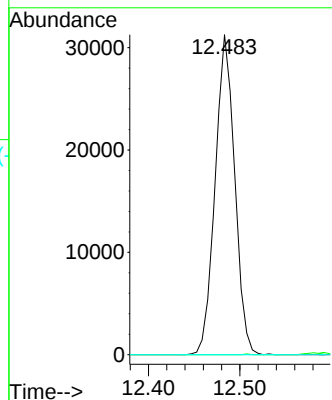
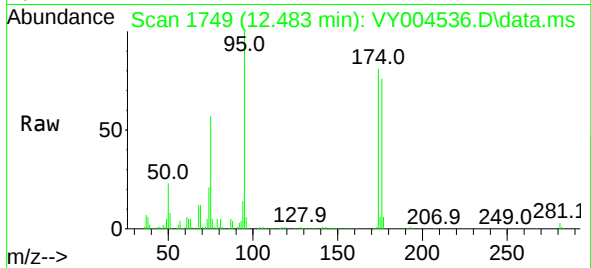




#81
trans-1,4-Dichloro-2-butene
Concen: 94.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46509
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#



#95
Naphthalene
Concen: 5.82 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004536.D
Acq: 20 Apr 2021 18:04

Tgt Ion: 128 Resp: 19800
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 11.4 8.8 13.2

