

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091721\
 Data File : VY006082.D
 Acq On : 17 Sep 2021 19:52
 Operator : SY/MD
 Sample : M3797-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VB16193

Quant Time: Sep 20 01:44:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

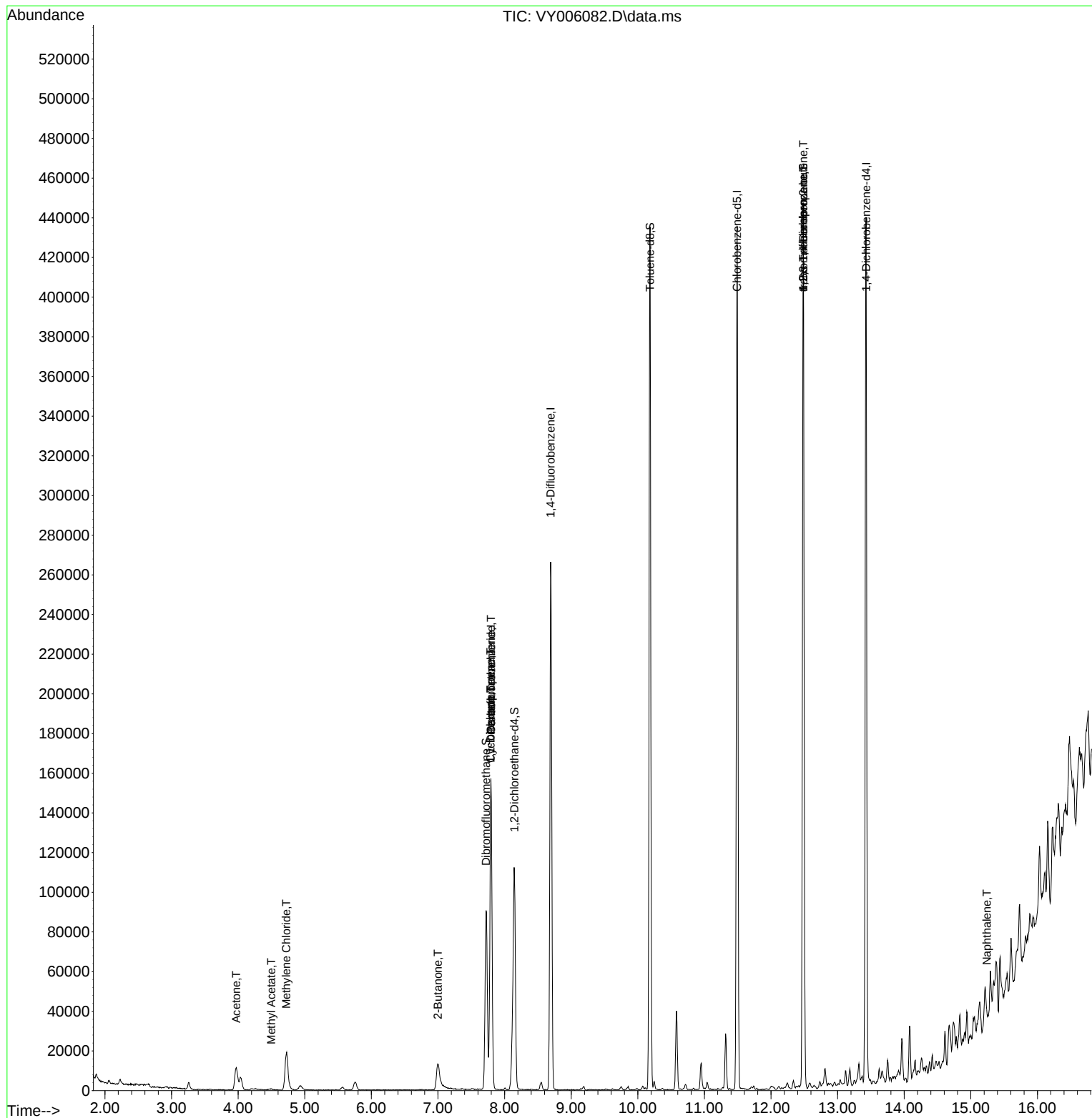
Internal Standards						
1) Pentafluorobenzene	7.795	168	118678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82048	49.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.722	113	62509	47.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.880%
50) Toluene-d8	10.185	98	274615	49.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.483	95	102491	54.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1694	Below Cal	#	77
16) Acetone	3.973	43	25013	55.320	ug/l	100
18) Methyl Acetate	4.497	43	1471	1.292	ug/l #	73
20) Methylene Chloride	4.722	84	12908	4.963	ug/l	96
25) 2-Butanone	6.996	43	5201	8.346	ug/l	94
31) Cyclohexane	7.789	56	2878	1.090	ug/l #	45
36) 1,1-Dichloropropene	7.789	75	9731	4.295	ug/l #	49
38) Carbon Tetrachloride	7.795	117	11527	4.673	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	59675	52.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59675	96.949	ug/l #	8
95) Naphthalene	15.239	128	4988	1.176	ug/l #	85

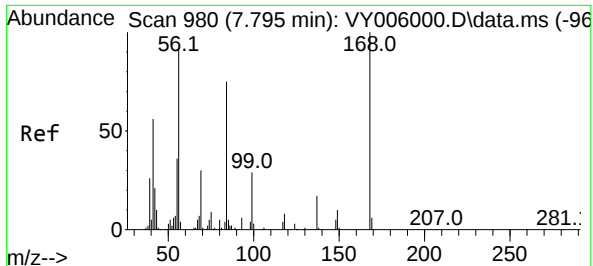
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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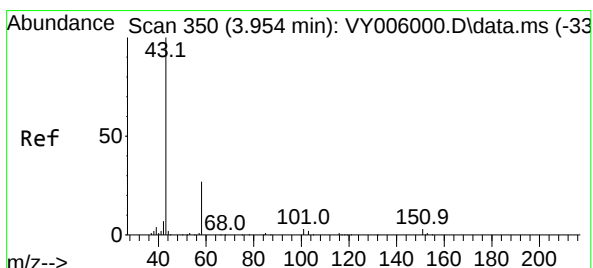
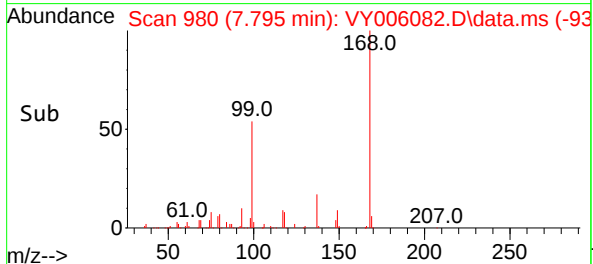
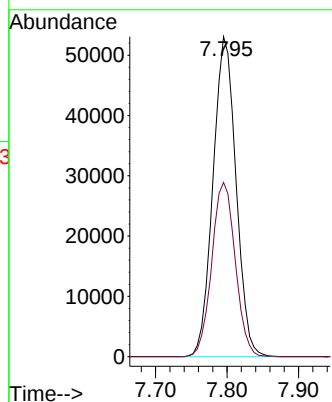
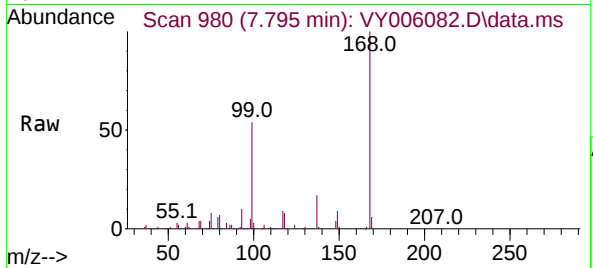




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

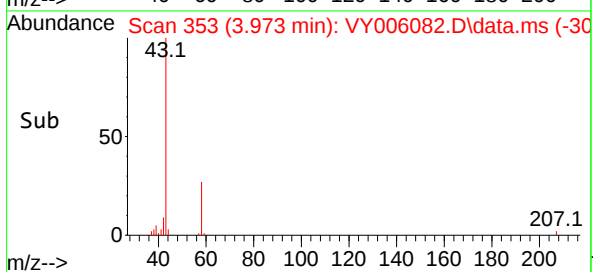
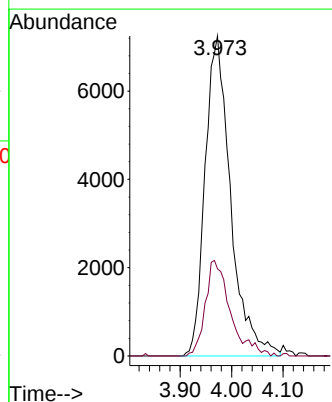
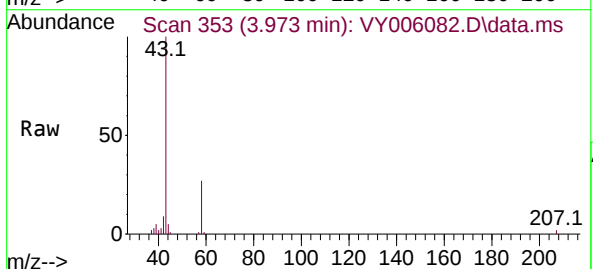
Instrument :
MSVOA_Y
ClientSampleId :
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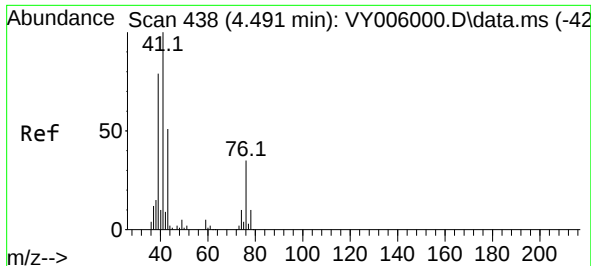
Tgt Ion:168 Resp: 118678
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#16
Acetone
Concen: 55.320 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion: 43 Resp: 25013
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0

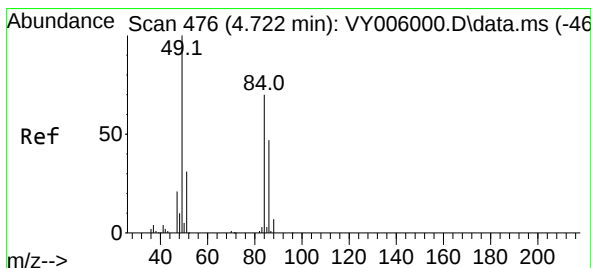
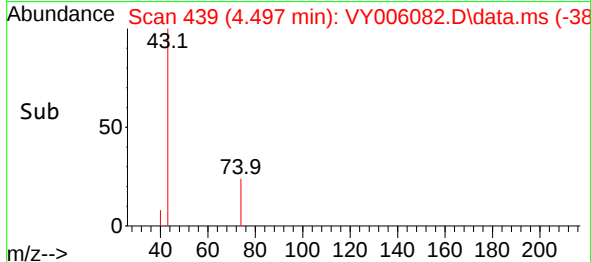
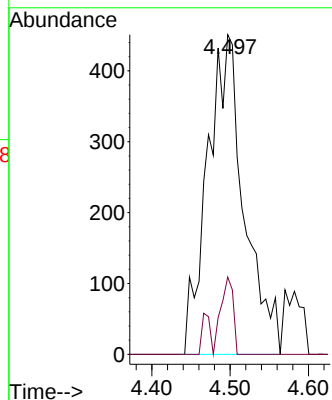
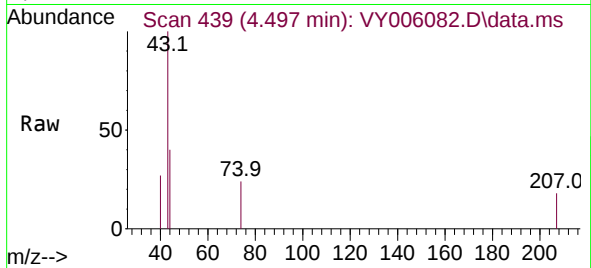




#18
Methyl Acetate
Concen: 1.292 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

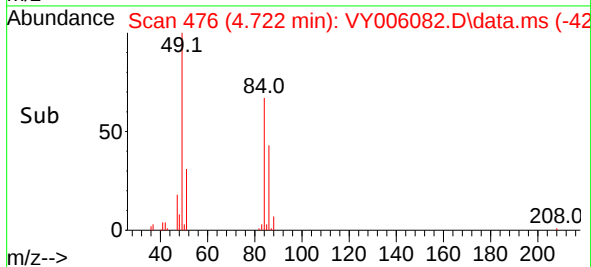
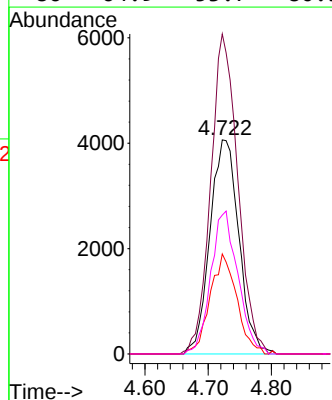
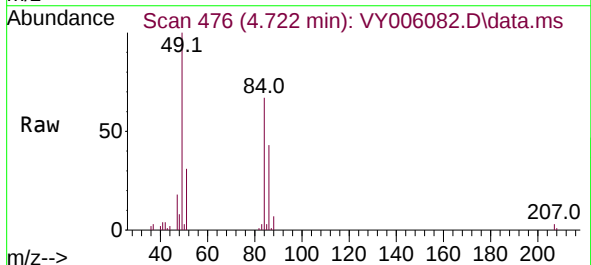
Instrument :
MSVOA_Y
ClientSampled :
VB16193

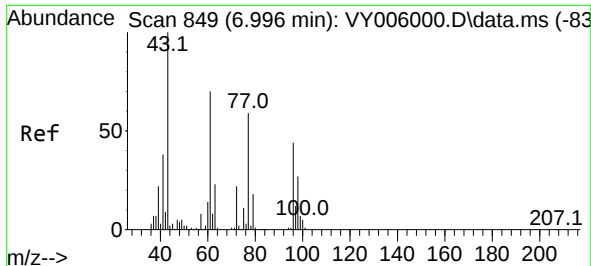
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
74 8.2 16.6 24.8#



#20
Methylene Chloride
Concen: 4.963 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion: 84 Resp: 12908
Ion Ratio Lower Upper
84 100
49 149.4 114.4 171.6
51 46.7 35.3 52.9
86 64.9 53.7 80.5

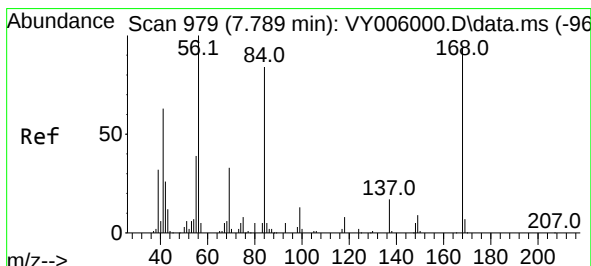
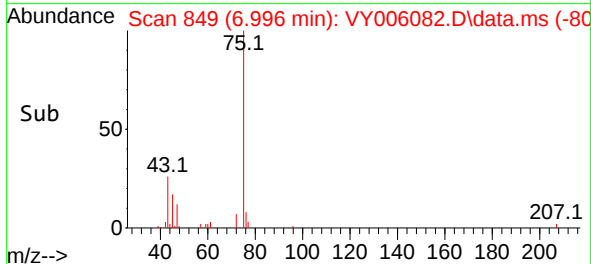
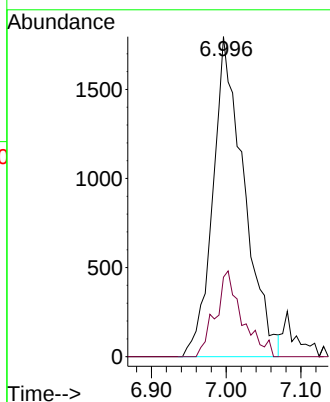
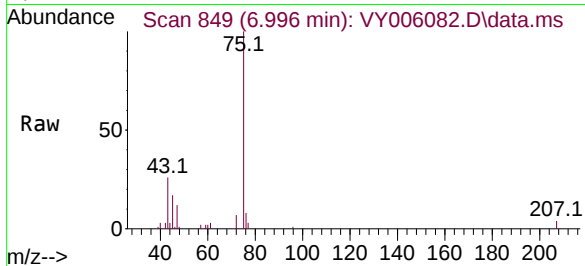




#25
2-Butanone
Concen: 8.346 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

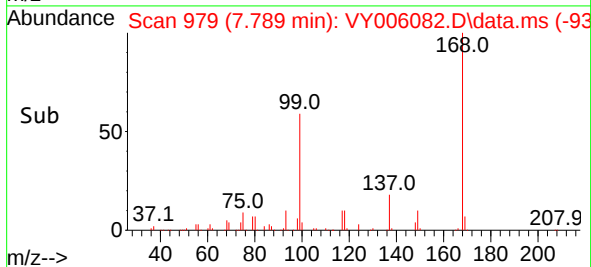
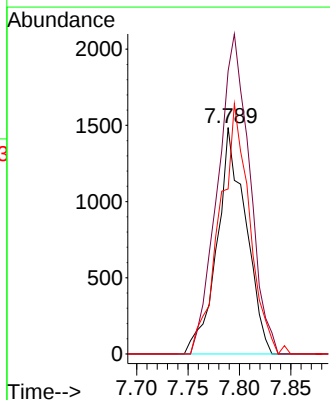
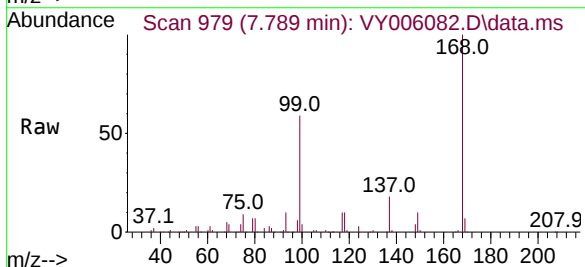
Instrument :
MSVOA_Y
ClientSampleId :
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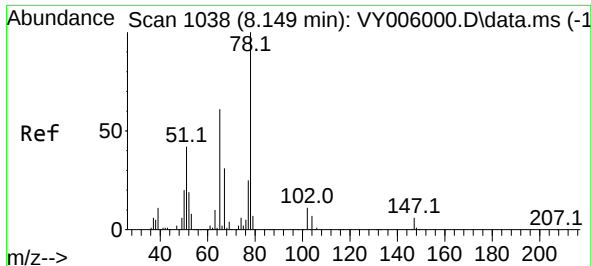
Tgt Ion: 43 Resp: 5201
Ion Ratio Lower Upper
43 100
72 24.8 17.7 26.5



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion: 56 Resp: 2878
Ion Ratio Lower Upper
56 100
69 125.0 26.7 40.1#
84 72.9 67.2 100.8

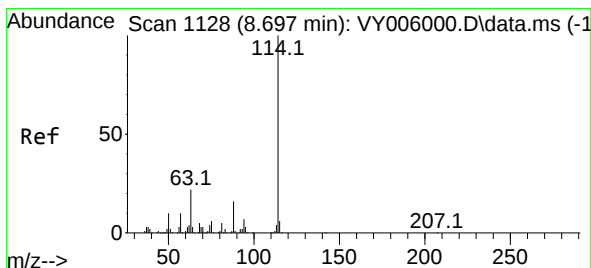
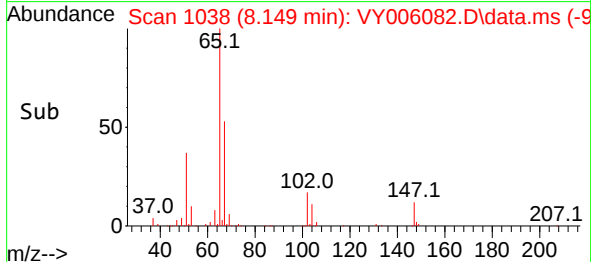
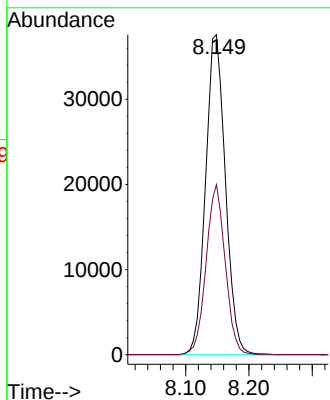
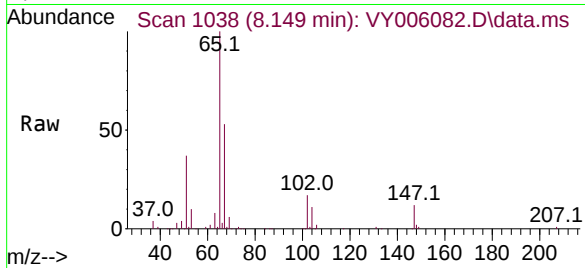




#33
 1,2-Dichloroethane-d4
 Concen: 49.771 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006082.D
 Acq: 17 Sep 2021 19:52

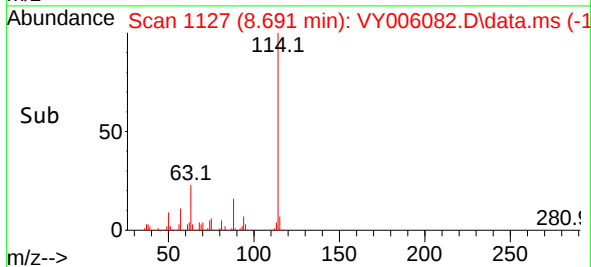
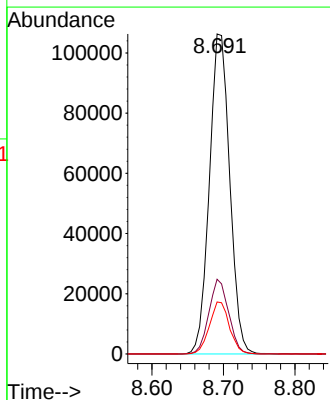
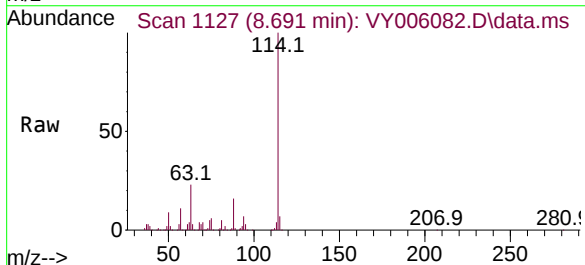
Instrument :
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 ClientSampleId :
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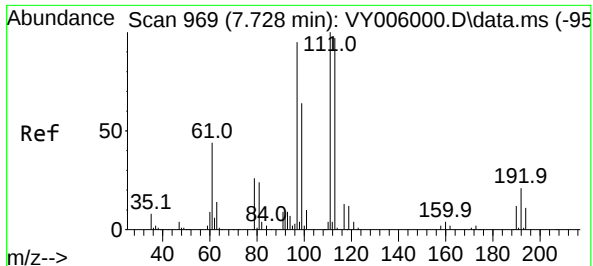
Tgt Ion: 65 Resp: 82048
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY006082.D
 Acq: 17 Sep 2021 19:52

Tgt Ion:114 Resp: 209928
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.2
 88 16.2 0.0 31.8

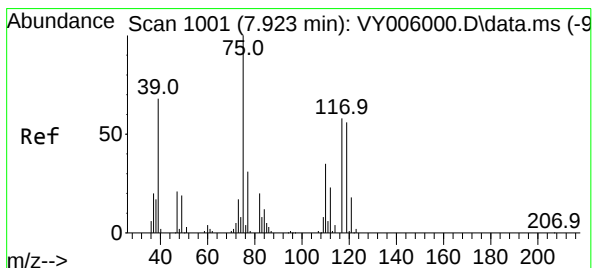
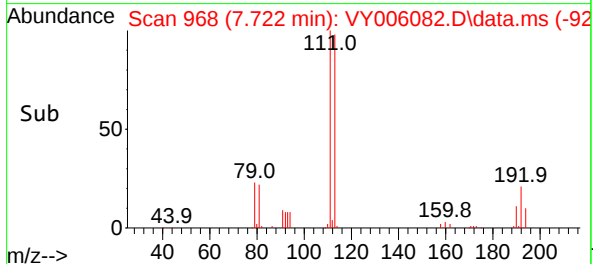
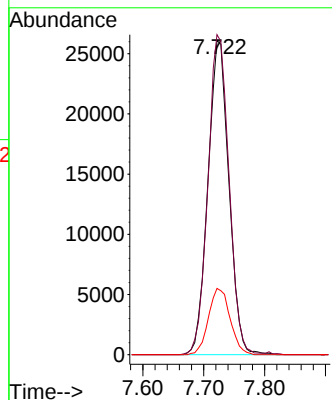
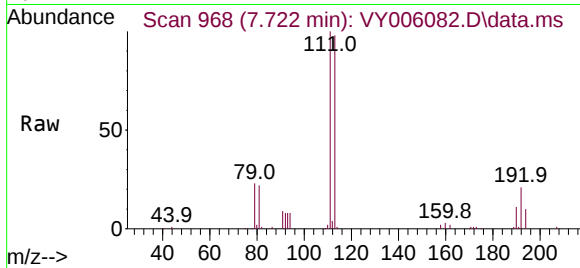




#35
Dibromofluoromethane
Concen: 47.940 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

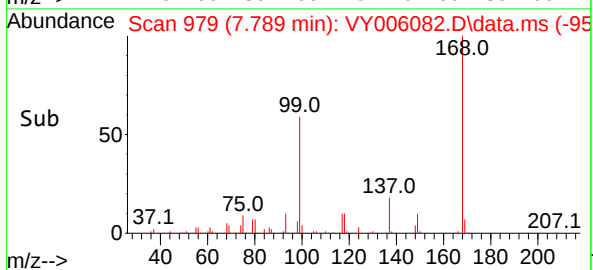
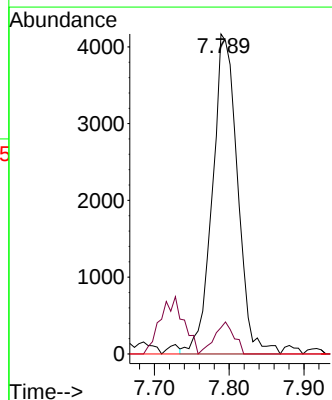
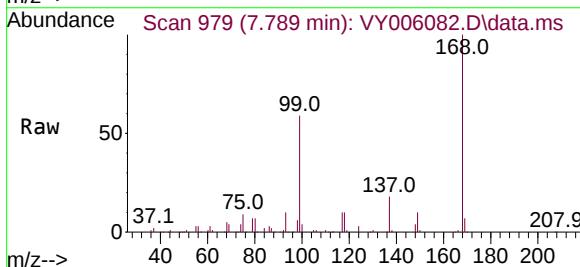
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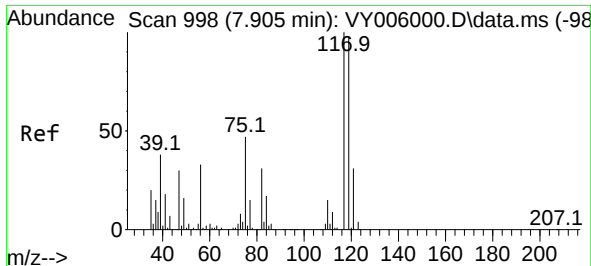
Tgt Ion:	113	Resp:	62509
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	21.7	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.295 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion:	75	Resp:	9731
Ion	Ratio	Lower	Upper
75	100		
110	7.5	17.1	51.2#
77	0.0	24.4	36.6#

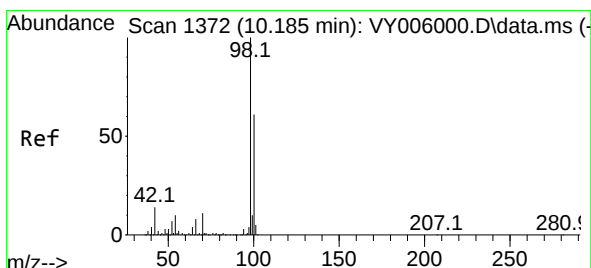
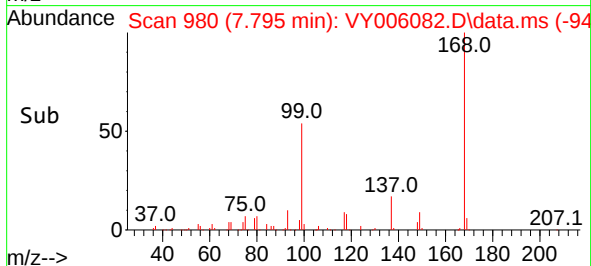
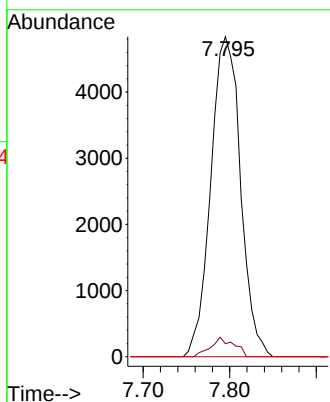
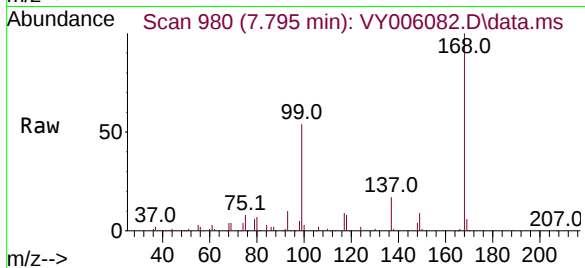




#38
Carbon Tetrachloride
Concen: 4.673 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

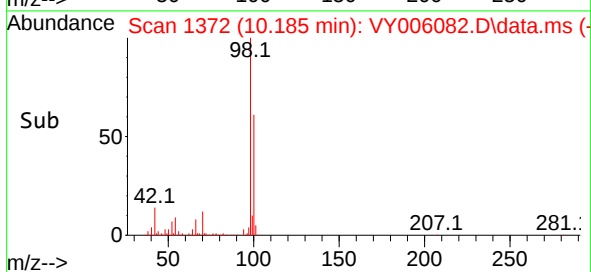
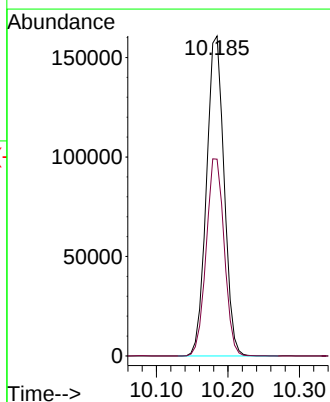
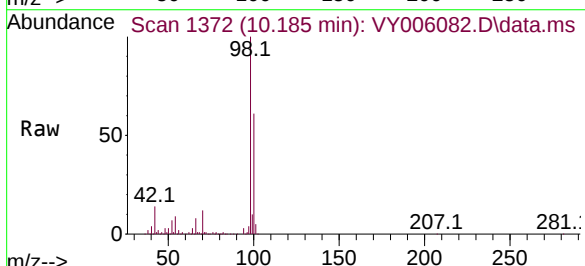
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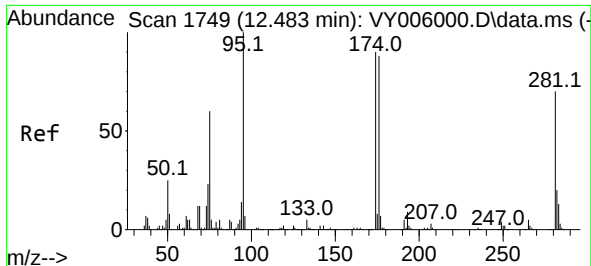
Tgt Ion:117 Resp: 11527
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.415 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion: 98 Resp: 274615
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

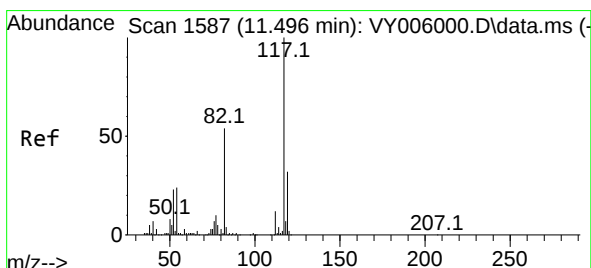
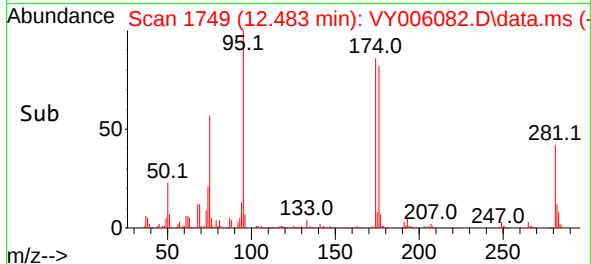
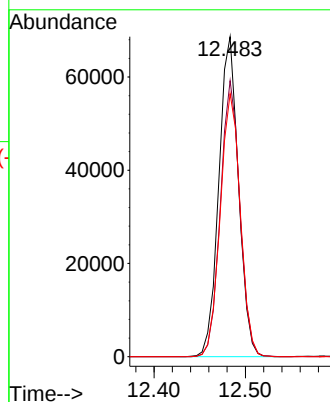
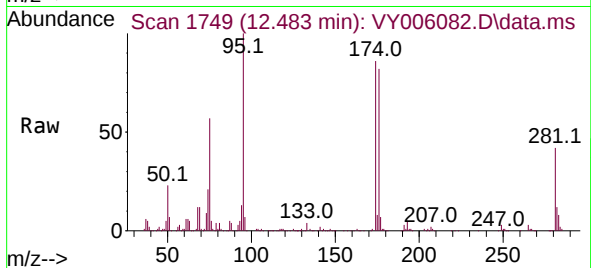




#62
4-Bromofluorobenzene
Concen: 54.320 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

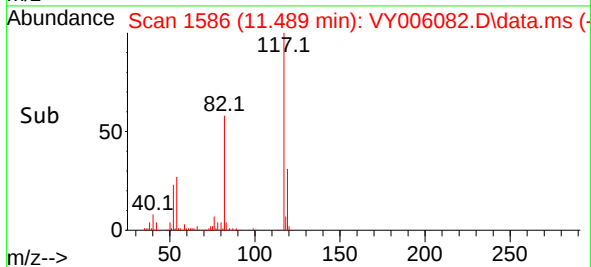
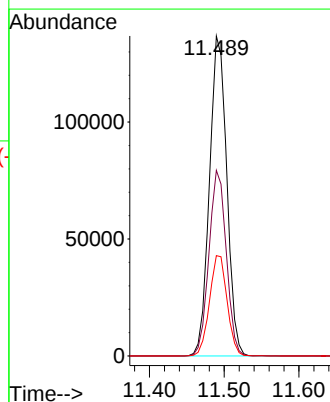
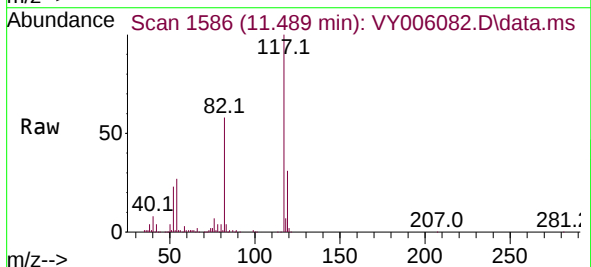
Instrument :
MSVOA_Y
ClientSampleId :
VB16193

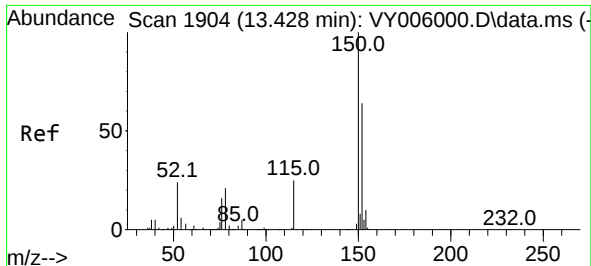
Tgt Ion: 95 Resp: 102491
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 83.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion: 117 Resp: 220409
Ion Ratio Lower Upper
117 100
82 58.0 43.0 64.4
119 31.3 25.4 38.0

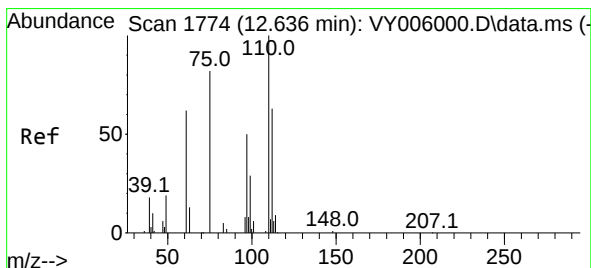
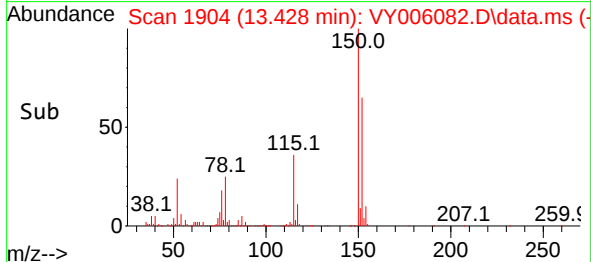
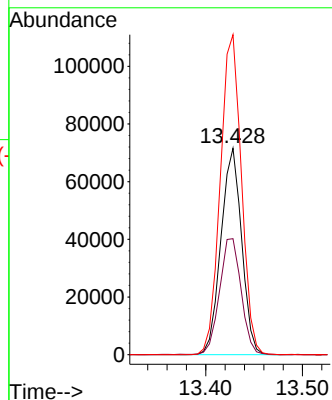
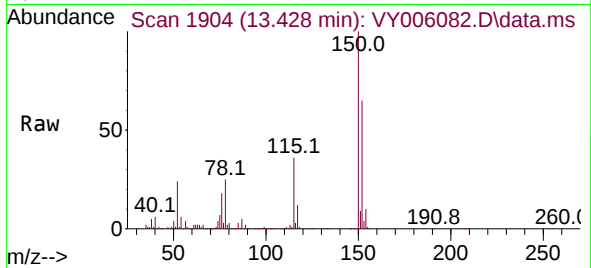




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

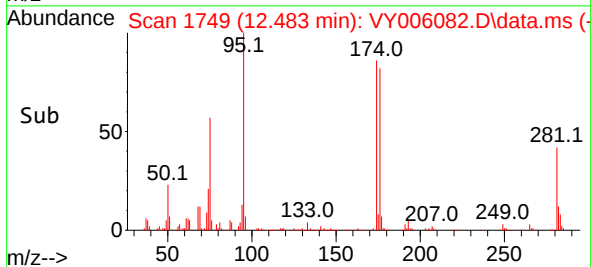
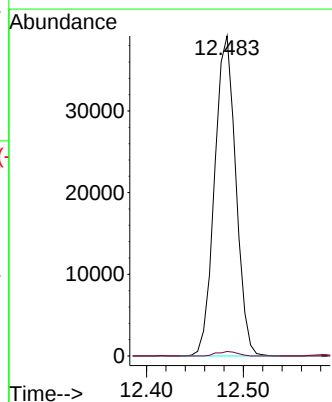
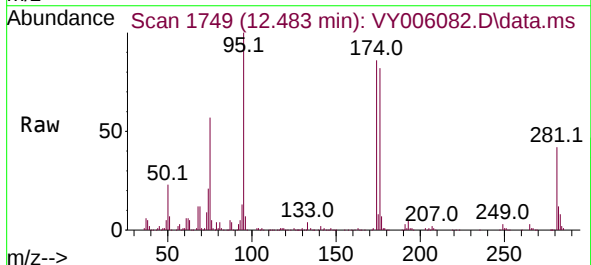
Instrument :
MSVOA_Y
ClientSampleId :
VB16193

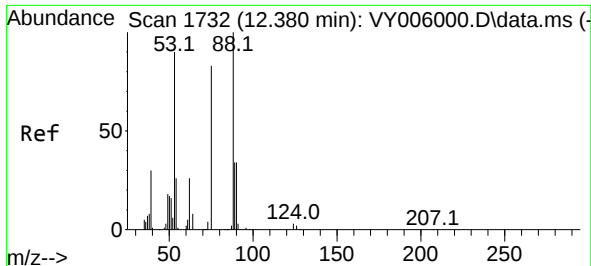
Tgt Ion:152 Resp: 106141
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 157.9 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.732 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion: 75 Resp: 59675
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

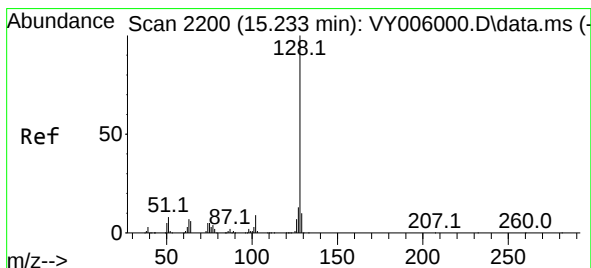
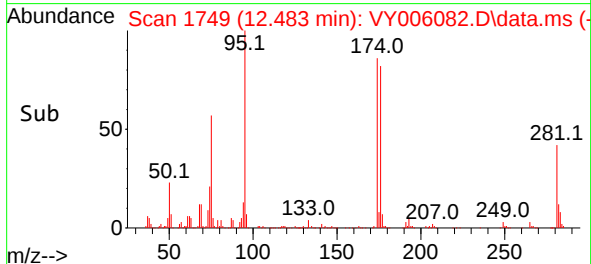
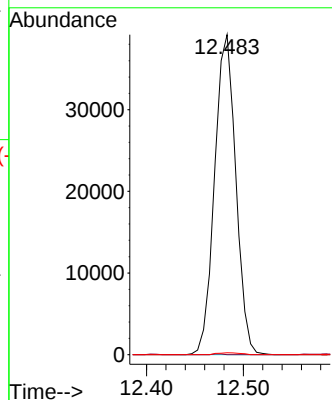
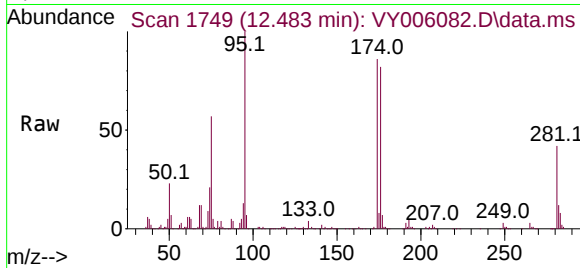




#81
trans-1,4-Dichloro-2-butene
Concen: 96.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Instrument :
MSVOA_Y
ClientSampleId :
VB16193

Tgt Ion: 75 Resp: 59675
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.6 37.0 55.4#



#95
Naphthalene
Concen: 1.176 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006082.D
Acq: 17 Sep 2021 19:52

Tgt Ion: 128 Resp: 4988
Ion Ratio Lower Upper
128 100
127 19.4 11.0 16.4#
129 16.6 8.4 12.6#

