

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006111.D
 Acq On : 22 Sep 2021 18:11
 Operator : SY/MD
 Sample : M3881-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-092221

Quant Time: Sep 23 01:28:11 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)

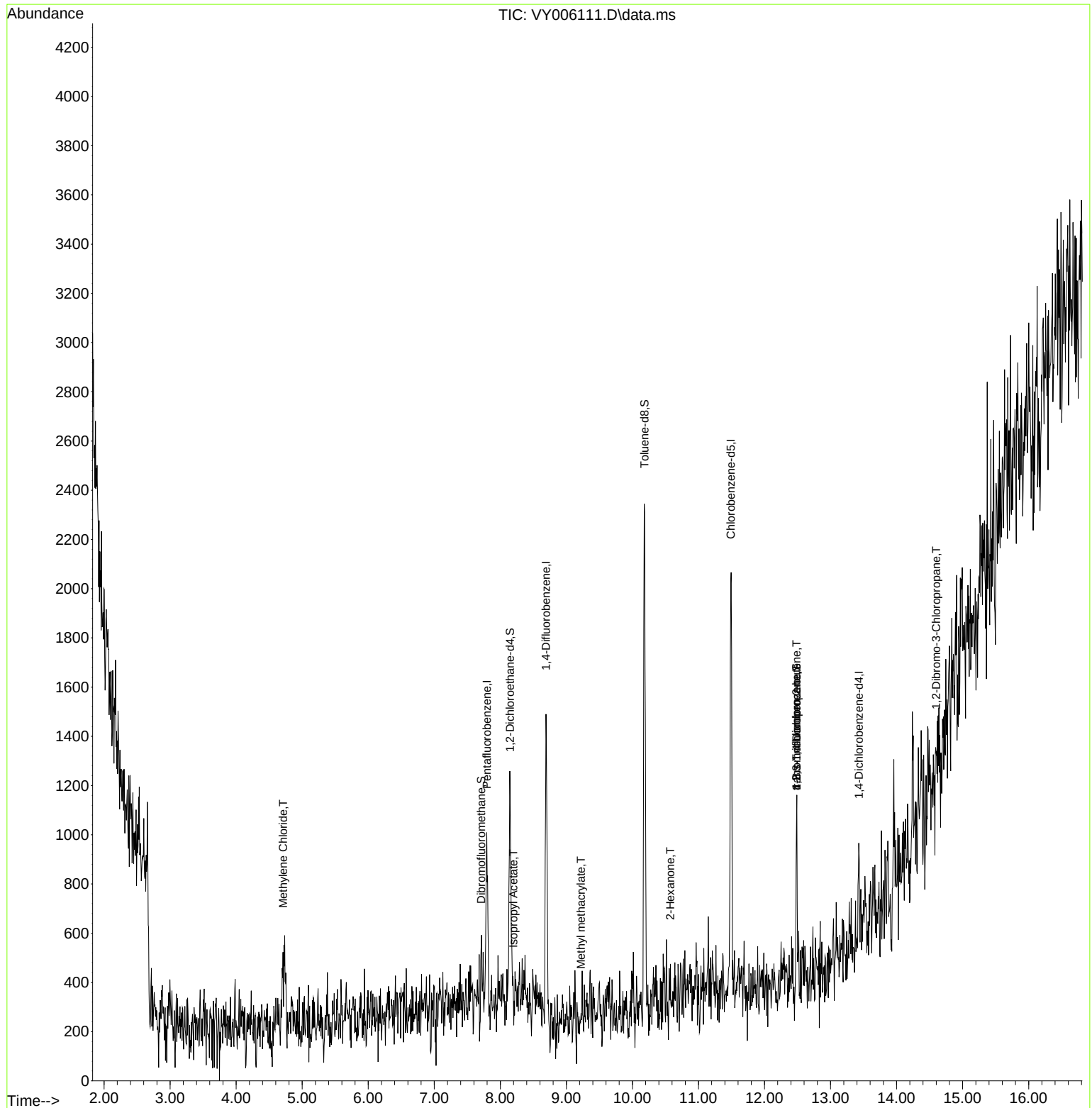
Internal Standards						
1) Pentafluorobenzene	7.795	168	697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1044	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	753	77.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.560%	
35) Dibromofluoromethane	7.710	113	63	7.148	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 14.300%#	
50) Toluene-d8	10.185	98	1630	43.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 86.780%	
62) 4-Bromofluorobenzene	12.483	95	205	16.074	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 32.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	79	5.387	ug/l #	49
43) Isopropyl Acetate	8.197	43	20	1.015	ug/l #	56
48) Methyl methacrylate	9.222	41	20	2.196	ug/l #	17
59) 2-Hexanone	10.575	43	20	2.757	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	86	54.871	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86	100.882	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.599	75	39	91.786	ug/l #	6

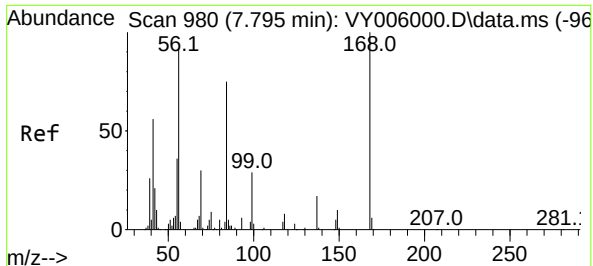
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

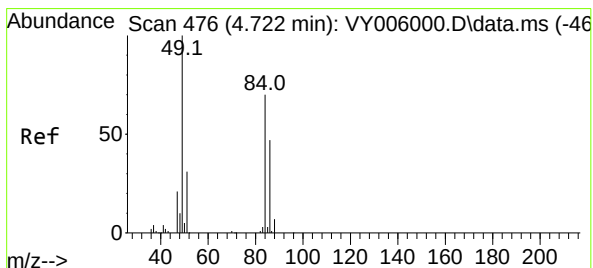
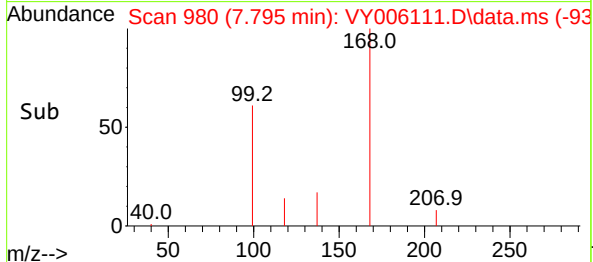
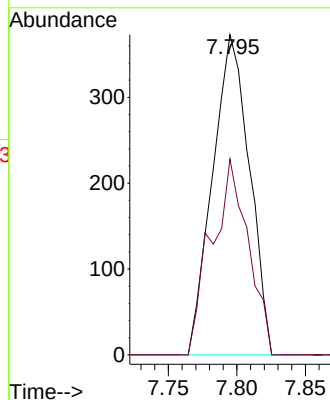
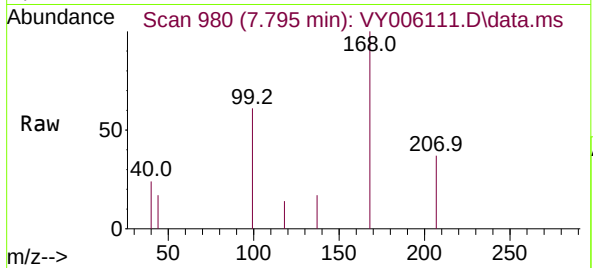




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

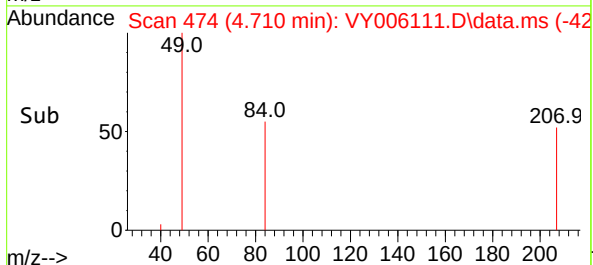
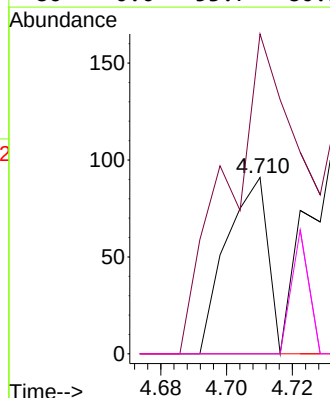
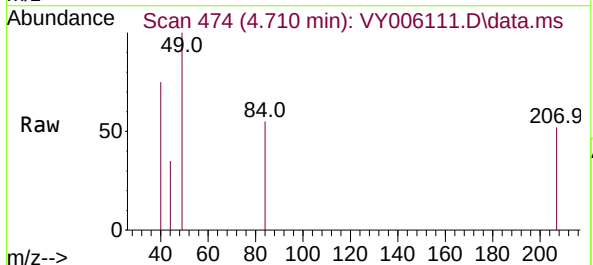
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-092221

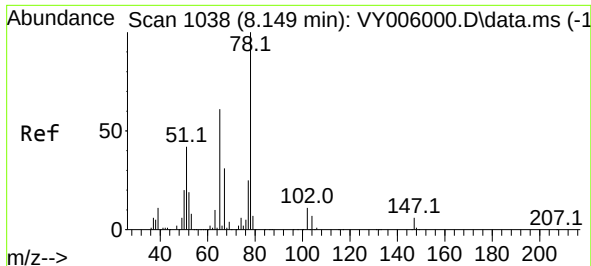
Tgt Ion:168 Resp: 697
Ion Ratio Lower Upper
168 100
99 61.1 46.9 70.3



#20
Methylene Chloride
Concen: 5.387 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

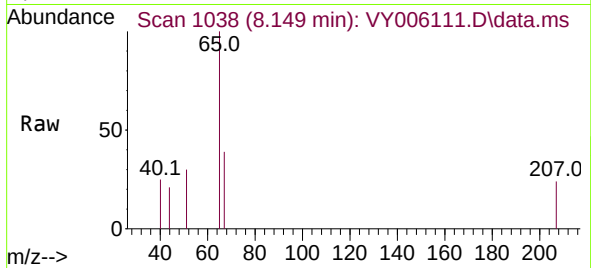
Tgt Ion: 84 Resp: 79
Ion Ratio Lower Upper
84 100
49 181.3 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#



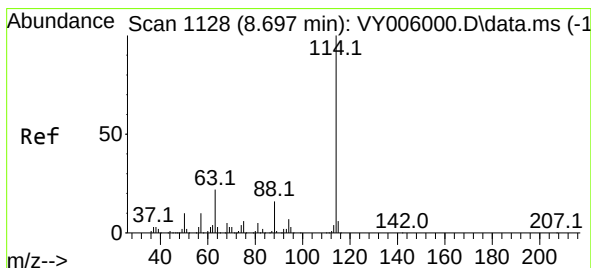
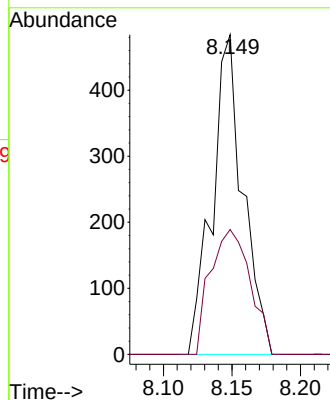
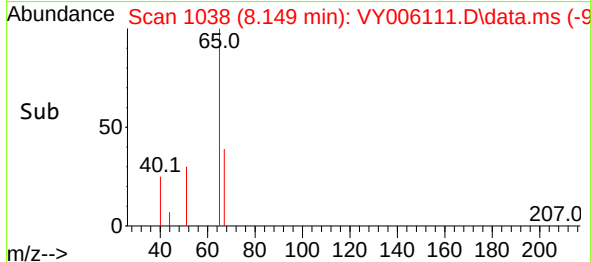


#33
 1,2-Dichloroethane-d4
 Concen: 77.775 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006111.D
 Acq: 22 Sep 2021 18:11

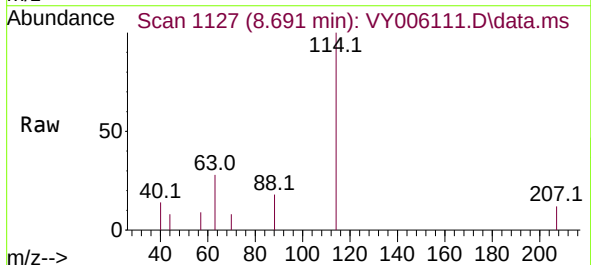
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-092221



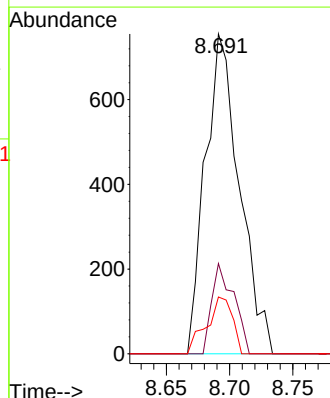
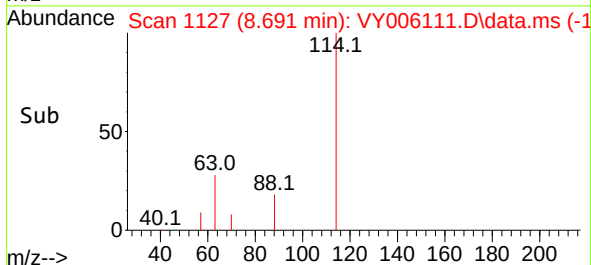
Tgt Ion: 65 Resp: 753
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.4

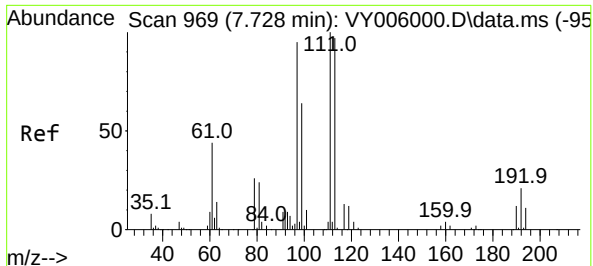


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY006111.D
 Acq: 22 Sep 2021 18:11



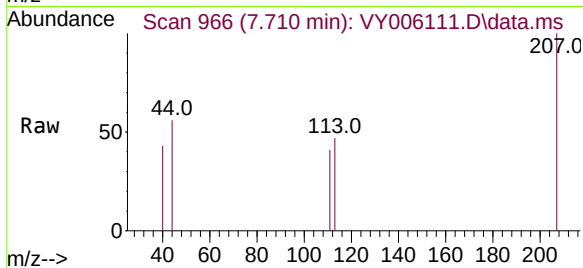
Tgt Ion: 114 Resp: 1419
 Ion Ratio Lower Upper
 114 100
 63 28.2 0.0 43.2
 88 17.7 0.0 31.8



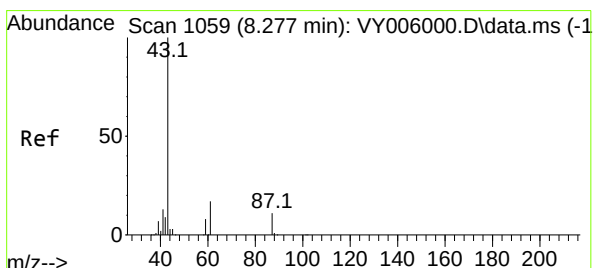
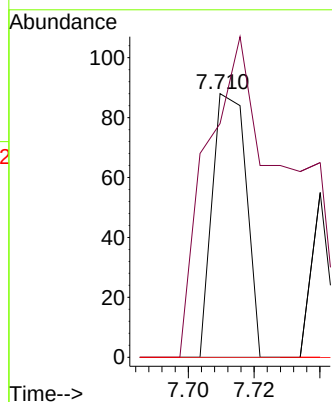
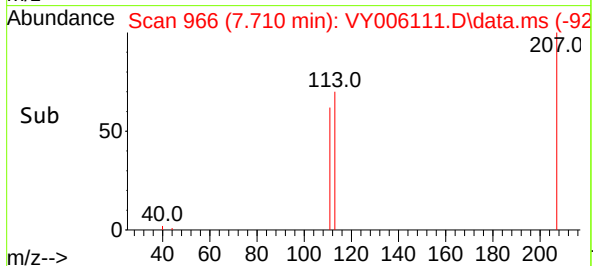


#35
Dibromofluoromethane
Concen: 7.148 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.018 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

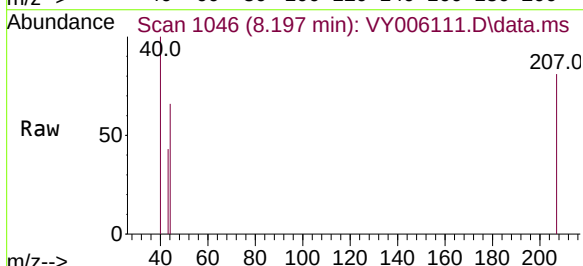
Instrument :
MSVOA_Y
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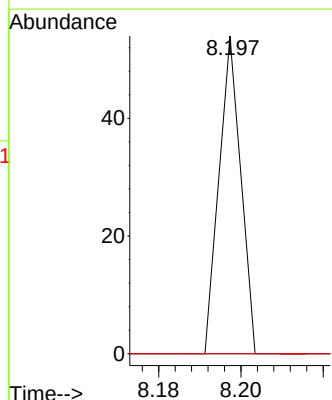
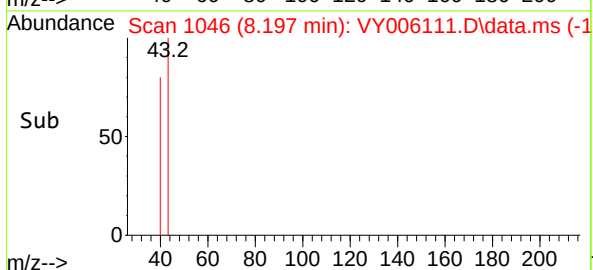
Tgt Ion: 113 Resp: 63
Ion Ratio Lower Upper
113 100
111 295.2 82.6 124.0#
192 0.0 17.6 26.4#

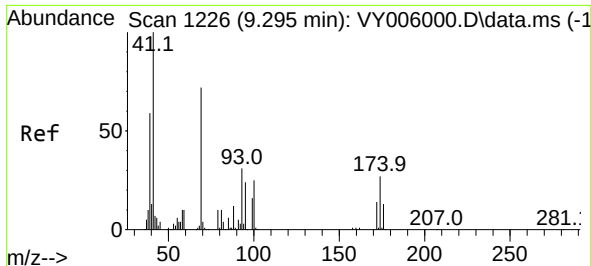


#43
Isopropyl Acetate
Concen: 1.015 ug/l
RT: 8.197 min Scan# 1046
Delta R.T. -0.079 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11



Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 0.0 8.9 13.3#

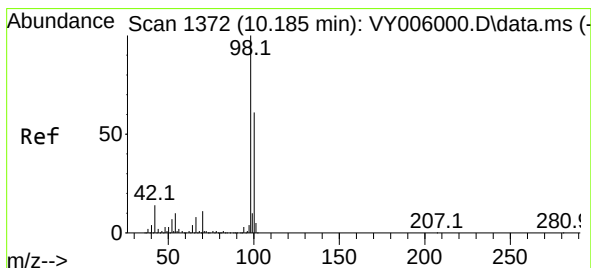
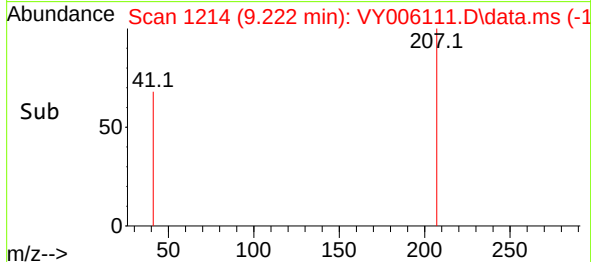
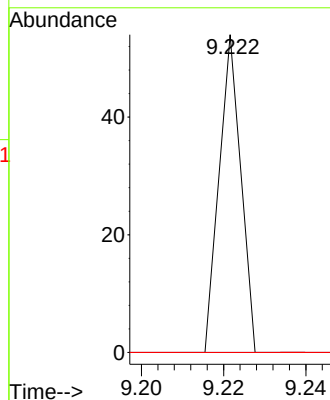
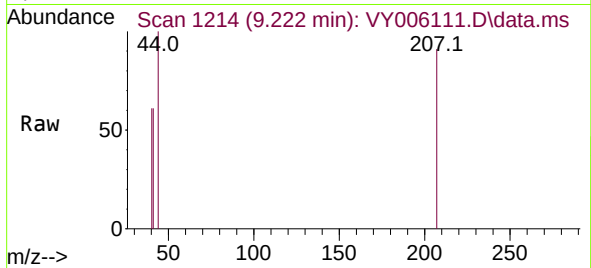




#48
Methyl methacrylate
Concen: 2.196 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.073 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

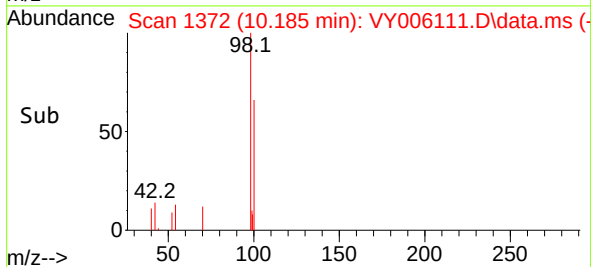
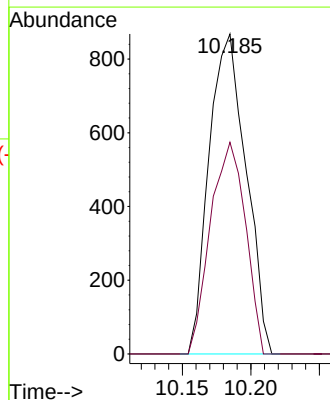
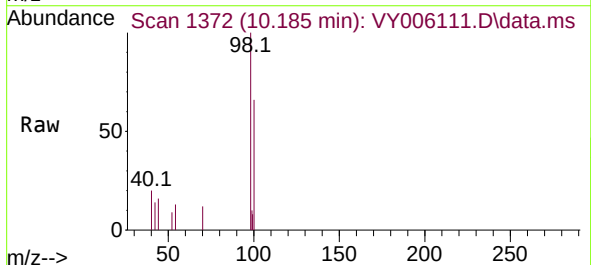
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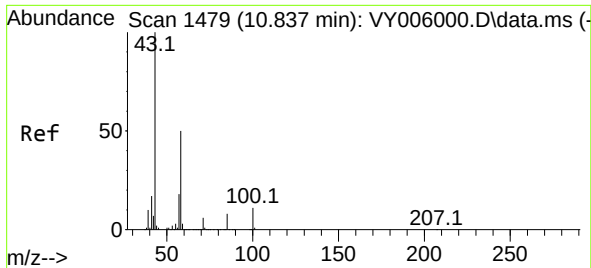
Tgt Ion: 41 Resp: 20
Ion Ratio Lower Upper
41 100
69 0.0 58.2 87.2#
39 0.0 47.4 71.0#



#50
Toluene-d8
Concen: 43.392 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

Tgt Ion: 98 Resp: 1630
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

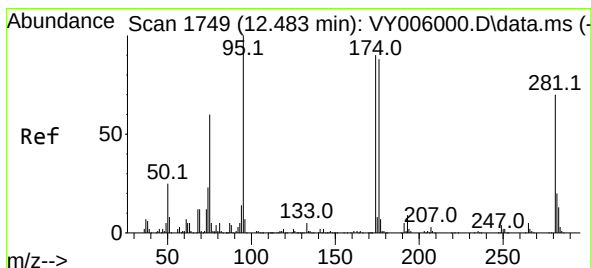
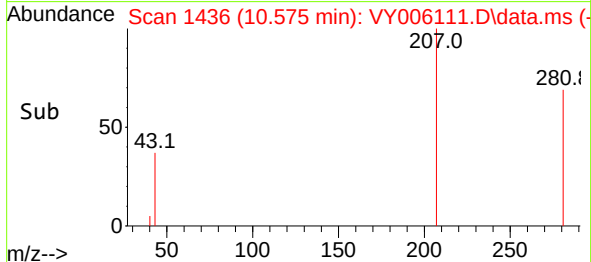
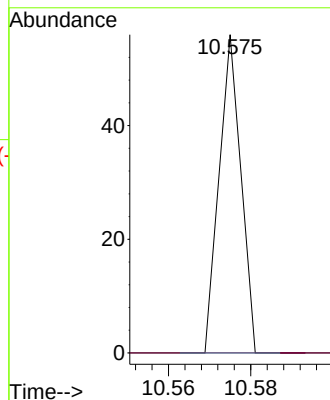
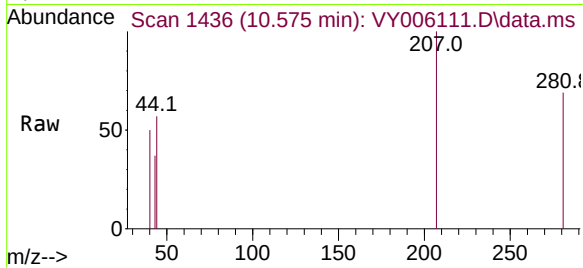




#59
2-Hexanone
Concen: 2.757 ug/l
RT: 10.575 min Scan# 1436
Delta R.T. -0.262 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

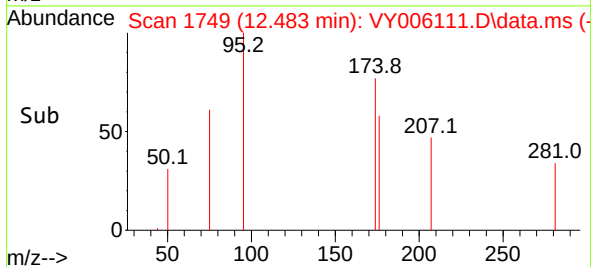
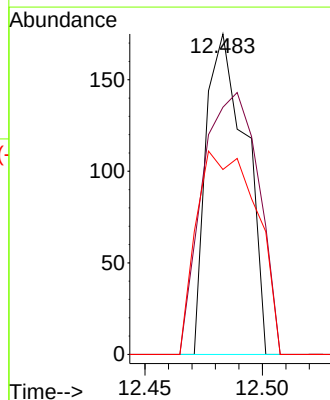
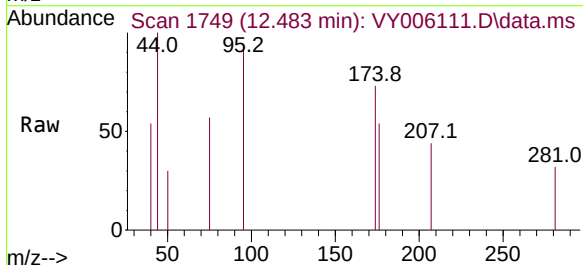
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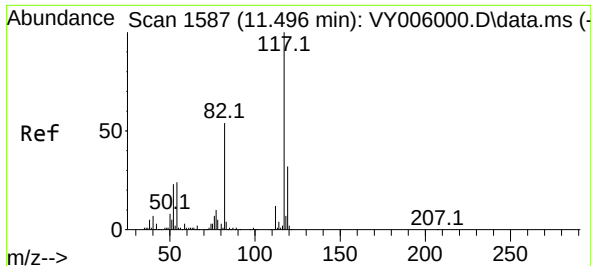
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 16.074 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

Tgt Ion: 95 Resp: 205
Ion Ratio Lower Upper
95 100
174 115.6 0.0 177.0
176 96.1 0.0 175.8

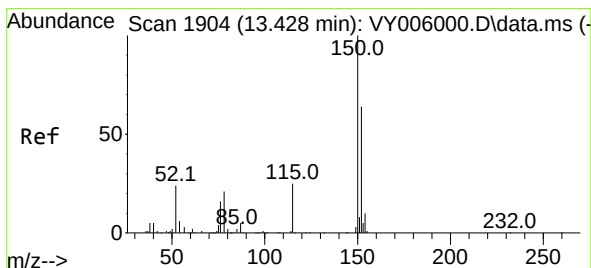
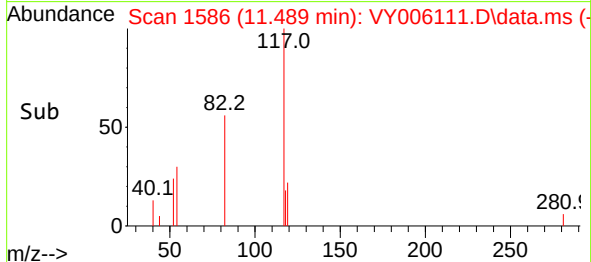
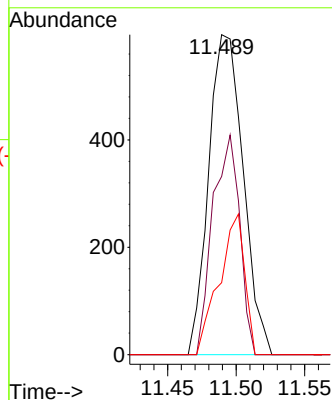
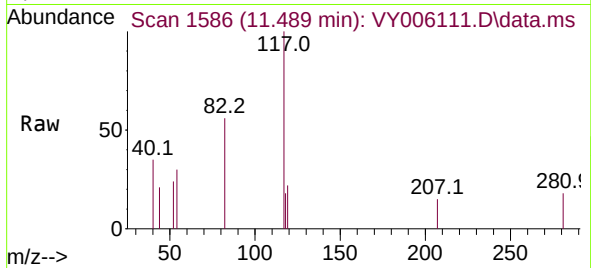




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

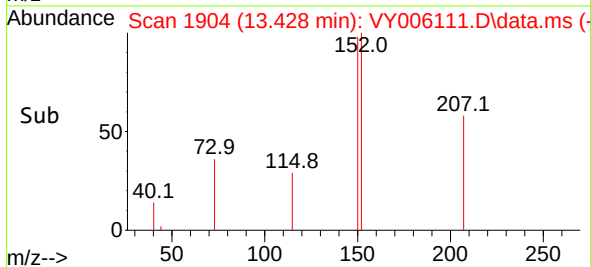
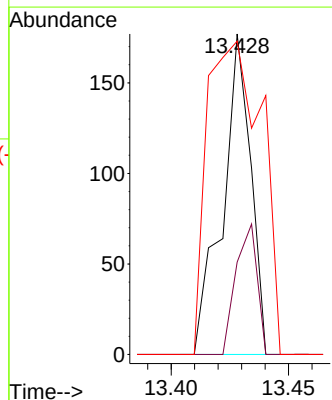
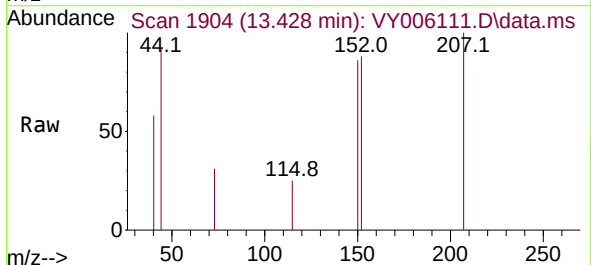
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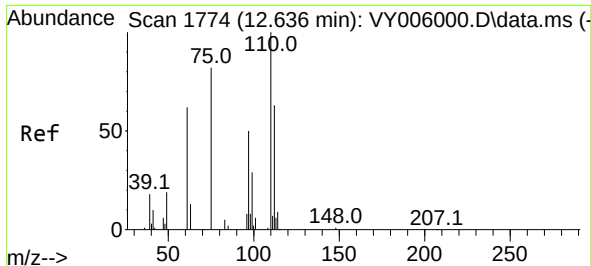
Tgt Ion:117	Resp:	1044
Ion	Ratio	Lower Upper
117	100	
82	55.7	43.0 64.4
119	22.5	25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

Tgt Ion:152	Resp:	147
Ion	Ratio	Lower Upper
152	100	
115	30.6	28.2 84.7
150	189.1	0.0 347.6

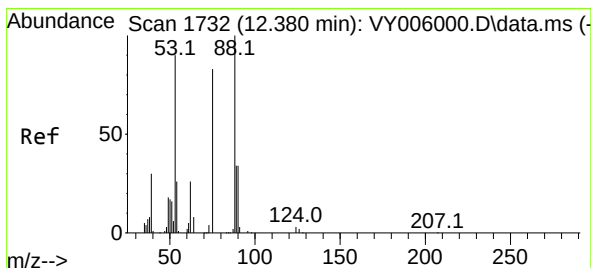
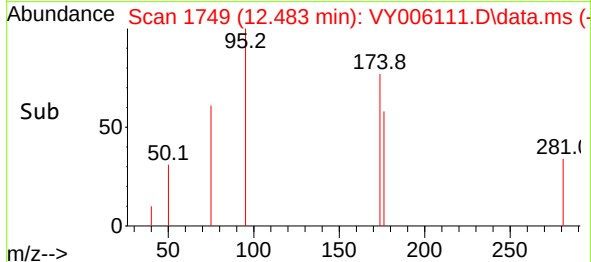
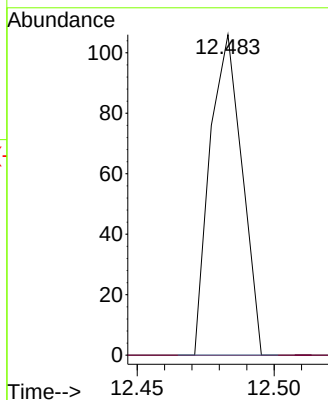
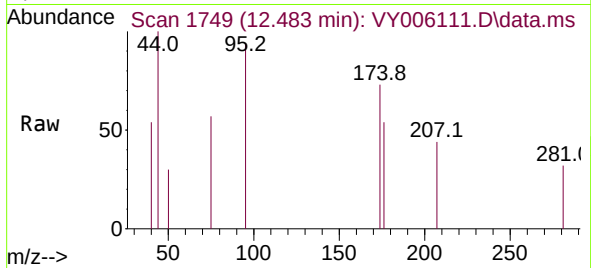




#76
1,2,3-Trichloropropane
Concen: 54.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

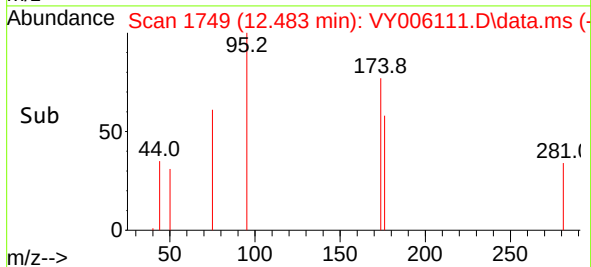
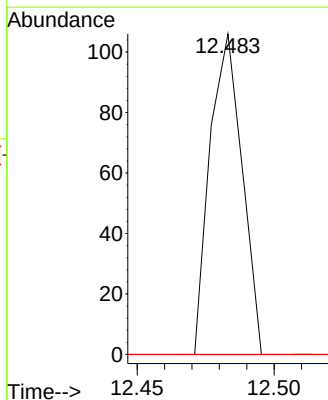
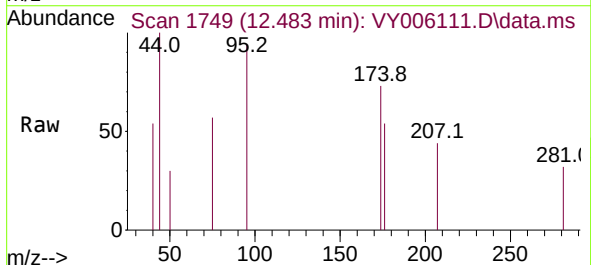
Instrument :
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OK-01-092221

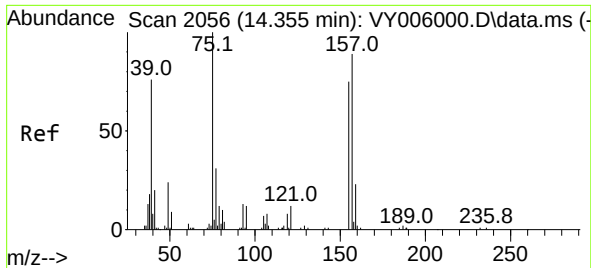
Tgt Ion: 75 Resp: 86
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 100.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006111.D
Acq: 22 Sep 2021 18:11

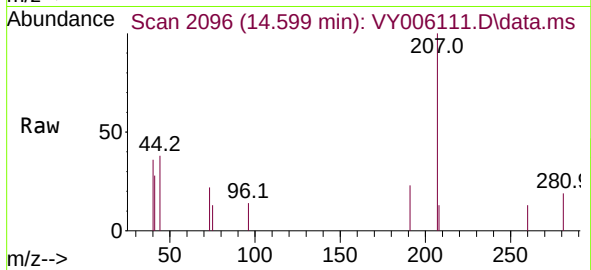
Tgt Ion: 75 Resp: 86
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 91.786 ug/l
 RT: 14.599 min Scan# 2096
 Delta R.T. 0.244 min
 Lab File: VY006111.D
 Acq: 22 Sep 2021 18:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-092221



Tgt Ion: 75 Resp: 39
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.0 113.9#
 157 0.0 47.8 143.3#

