

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006047.D
 Acq On : 16 Sep 2021 14:57
 Operator : SY/MD
 Sample : M3733-10RE
 Misc : 7.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-02-(8-10)-END-POINTRE

Manual Integrations
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Quant Time: Sep 17 02:45:17 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	151440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	280109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	291747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108257	51.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.920%	
35) Dibromofluoromethane	7.722	113	83003	47.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.420%	
50) Toluene-d8	10.185	98	389654	52.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	12.477	95	285742	113.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 227.000%#	
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	521896	232.351	ug/l	99
12) 1,1-Dichloroethene	3.881	96	4687	3.100	ug/l	98
16) Acetone	3.960	43	12955	22.453	ug/l	96
17) Carbon Disulfide	4.204	76	14139	2.800	ug/l	98
18) Methyl Acetate	4.485	43	1954	1.344	ug/l #	74
21) trans-1,2-Dichloroethene	5.228	96	45337	26.739	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	16871465	8918.960	ug/l	81
39) Methylcyclohexane	9.185	83	47844	12.768	ug/l	99
44) Trichloroethene	8.947	130	2095562	969.943	ug/l	91
52) Toluene	10.246	92	10484	1.962	ug/l	96
64) Tetrachloroethene	10.721	164	6353419	2662.547	ug/l	96
67) Ethyl Benzene	11.593	91	19975	1.683	ug/l	96
73) Isopropylbenzene	12.331	105	107831	8.800	ug/l	98
78) n-propylbenzene	12.672	91	87834	5.793	ug/l	87
80) 1,3,5-Trimethylbenzene	12.812	105	15603	1.535	ug/l	91
83) tert-Butylbenzene	13.074	119	64414	7.411	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	73878	7.327	ug/l	100
85) sec-Butylbenzene	13.257	105	258618	19.876	ug/l #	61
86) p-Isopropyltoluene	13.373	119	15820m	1.424	ug/l	
89) n-Butylbenzene	13.696	91	39373m	3.790	ug/l	

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

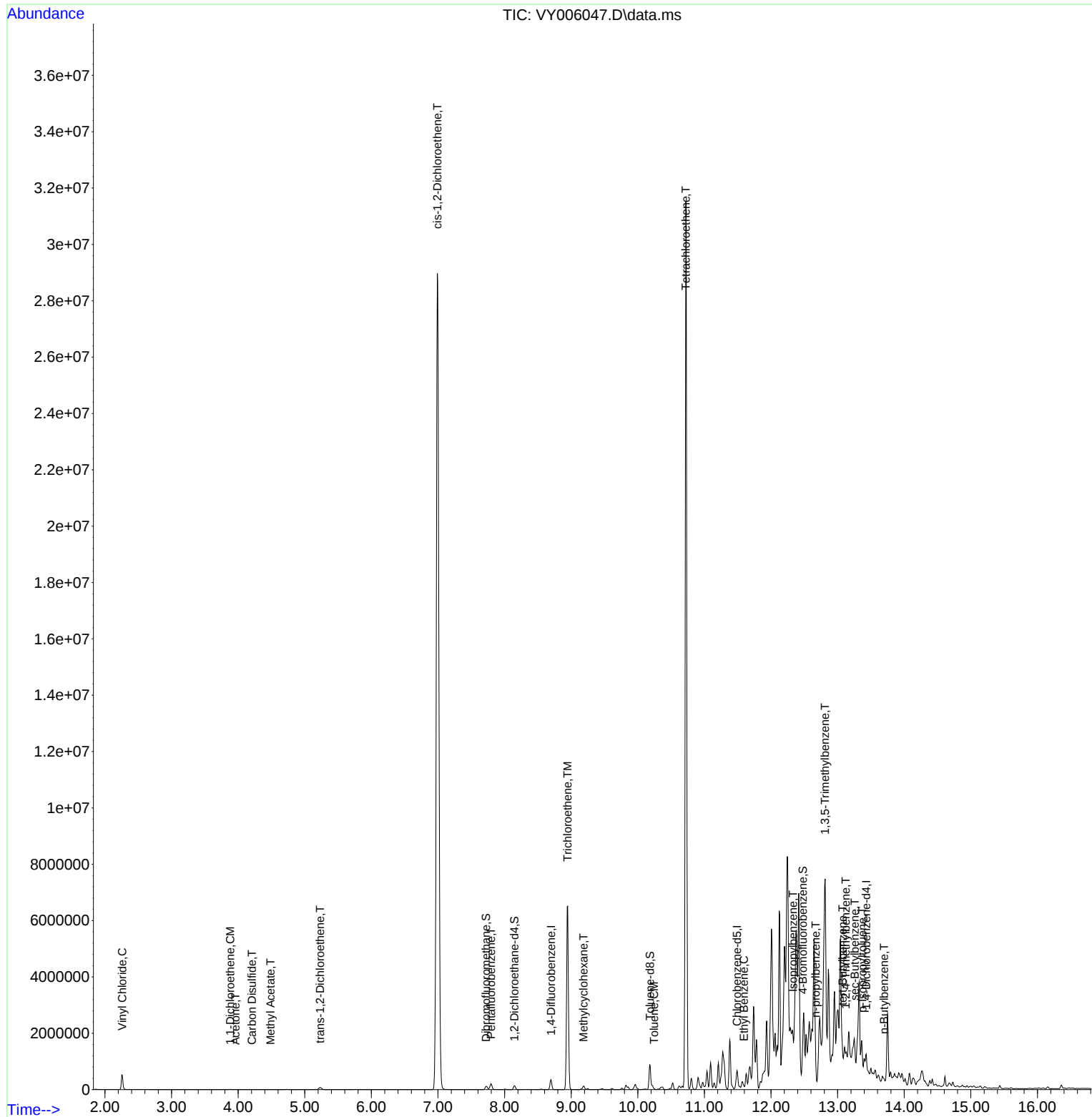
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Data File : VY006047.D
Acq On : 16 Sep 2021 14:57
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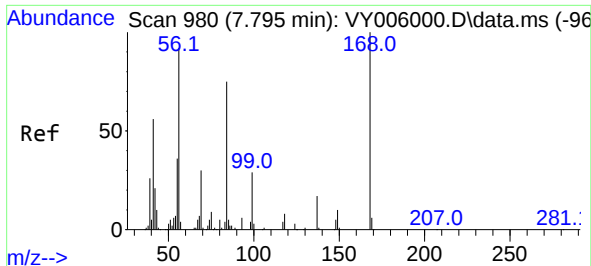
Instrument :
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NAPL-02-(8-10)-END-POINTRE

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Quant Title : SW846 8260
QLast Update : Wed Sep 15 05:01:47 2021
Response via : Initial Calibration





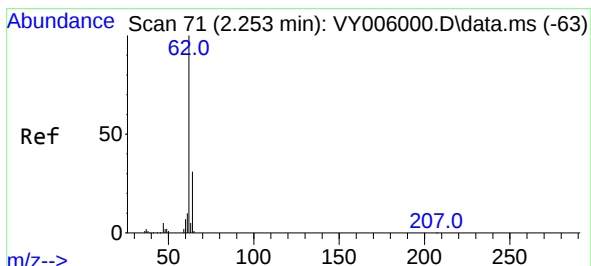
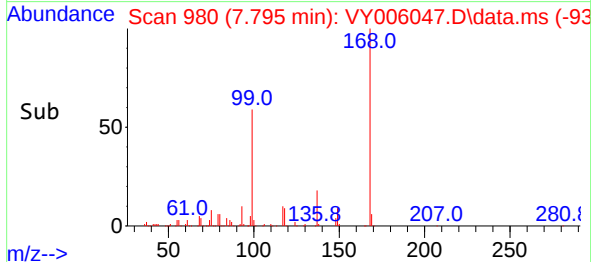
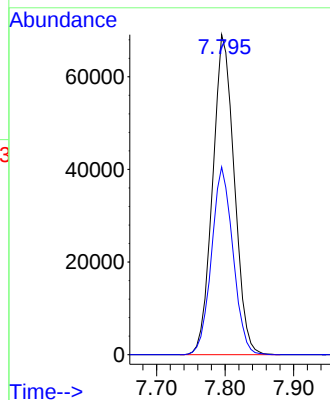
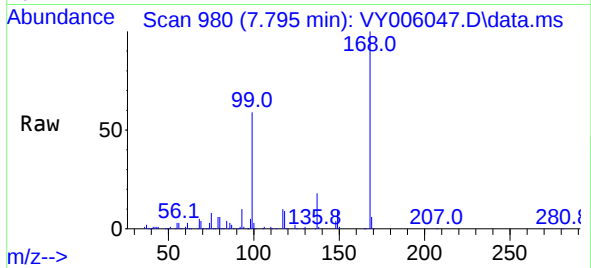
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 168 Resp: 151440
Ion Ratio Lower Upper
168 100
99 58.6 46.9 70.3

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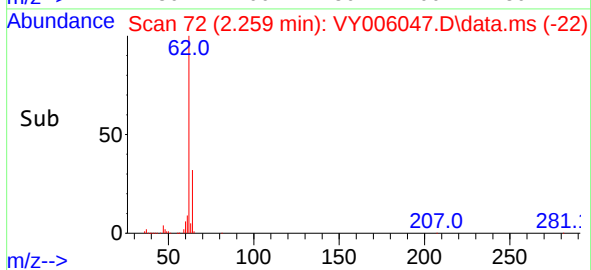
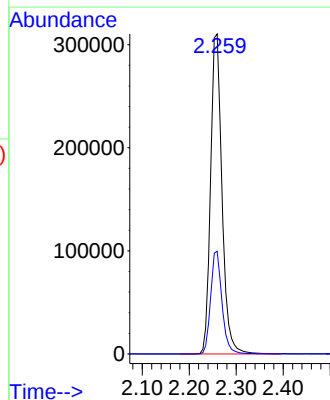
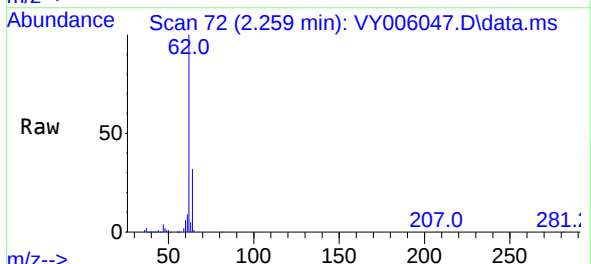
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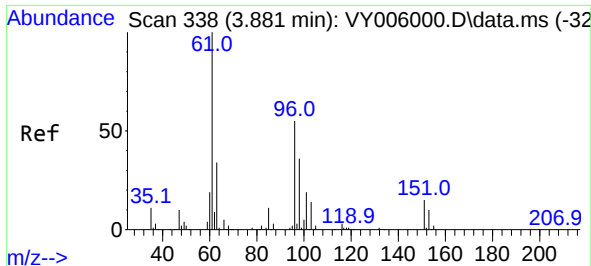
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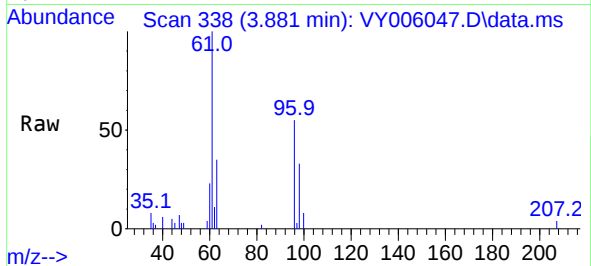
#4
Vinyl Chloride
Concen: 232.351 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 62 Resp: 521896
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.6

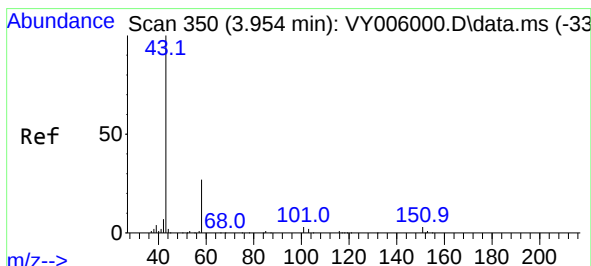
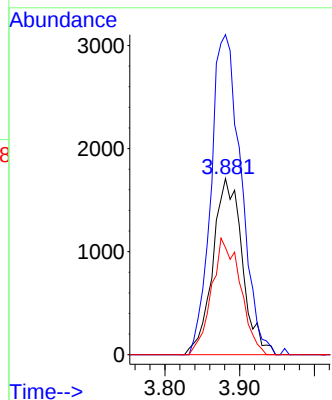
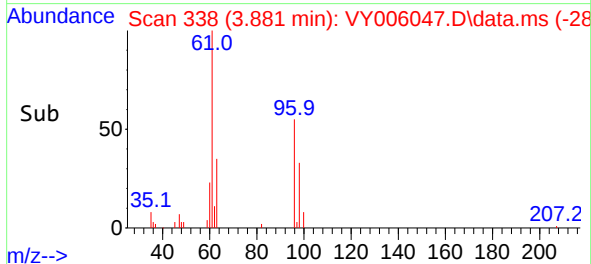




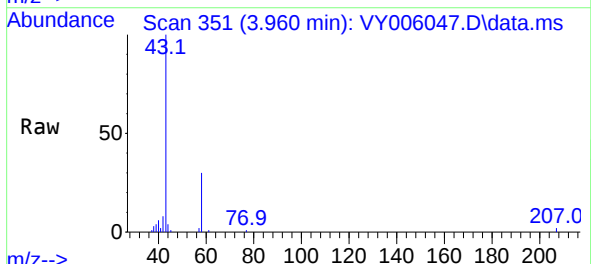
#12
1,1-Dichloroethene
Concen: 3.100 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57



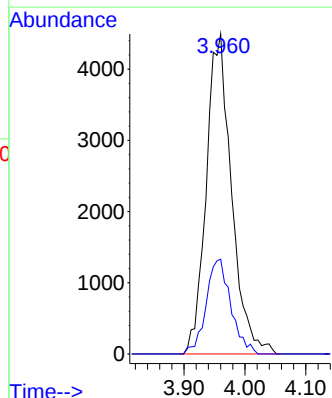
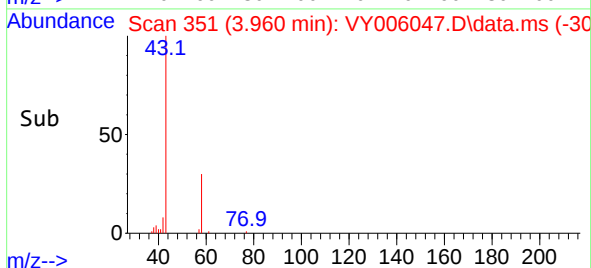
Tgt Ion: 96 Resp: 4687
Ion Ratio Lower Upper
96 100
61 181.7 145.8 218.6
98 60.8 52.5 78.7



#16
Acetone
Concen: 22.453 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57



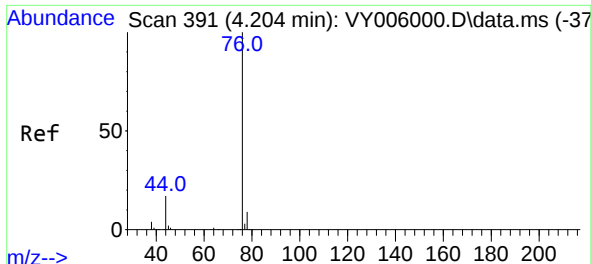
Tgt Ion: 43 Resp: 12955
Ion Ratio Lower Upper
43 100
58 29.6 22.0 33.0



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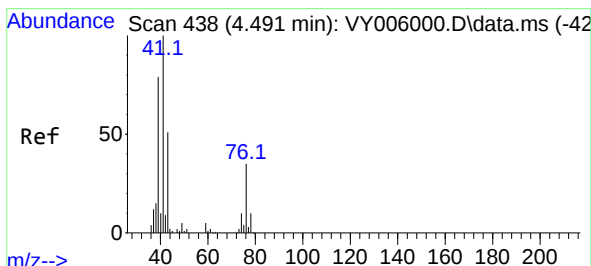
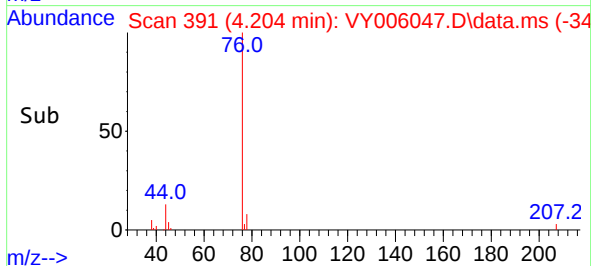
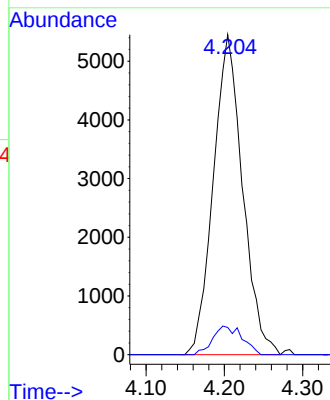
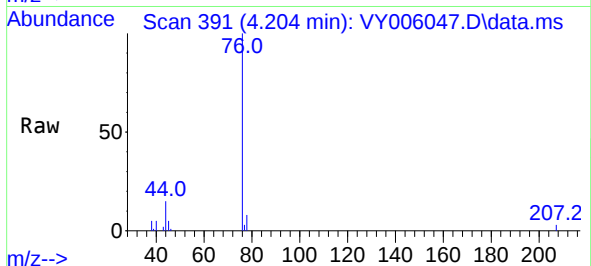
#17
Carbon Disulfide
Concen: 2.800 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 76 Resp: 14139
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Instrument :
MSVOA_Y
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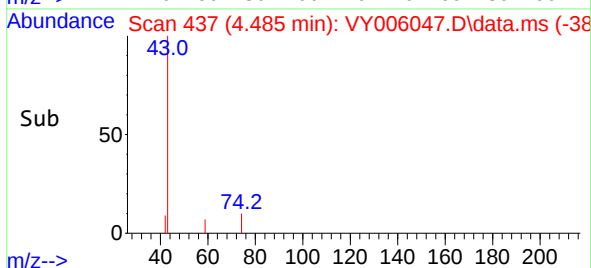
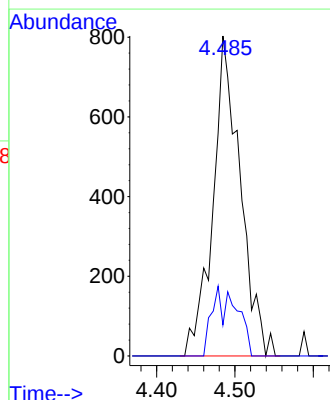
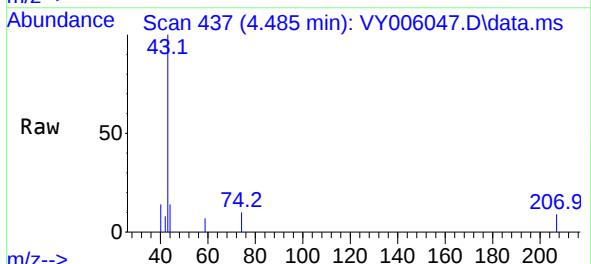
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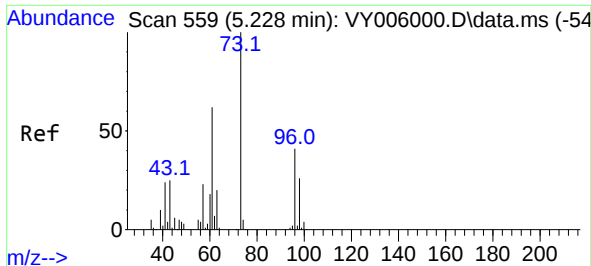
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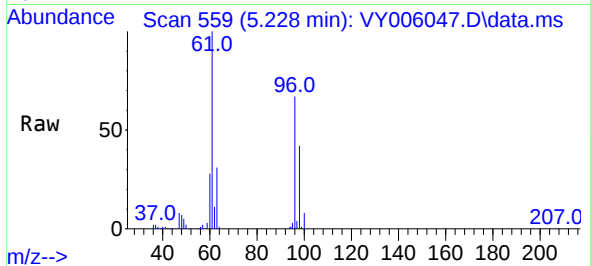
#18
Methyl Acetate
Concen: 1.344 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
74 8.6 16.6 24.8#

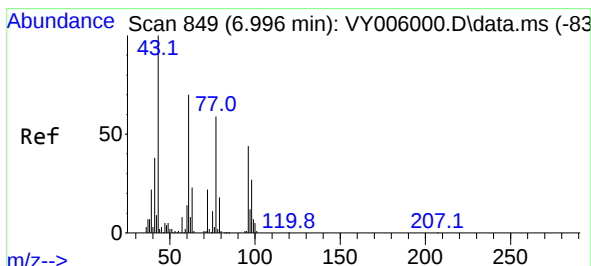
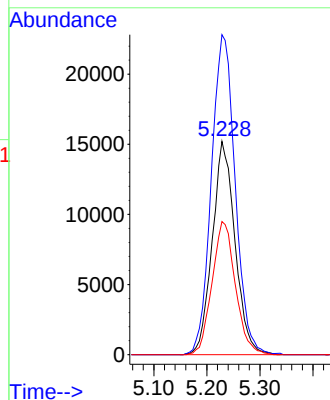
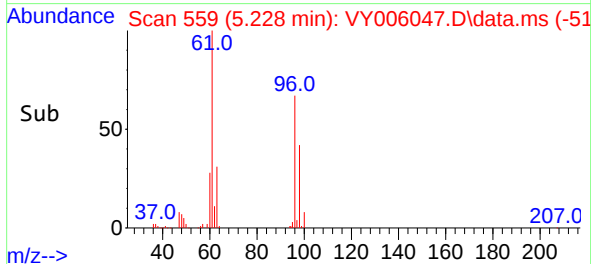




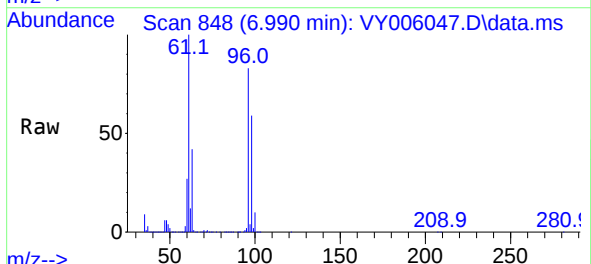
#21
trans-1,2-Dichloroethene
Concen: 26.739 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57



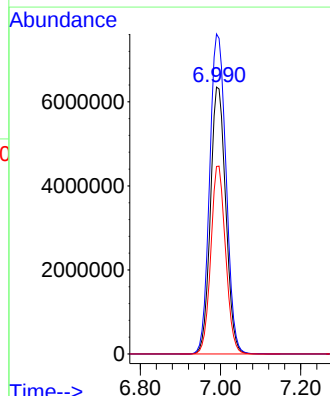
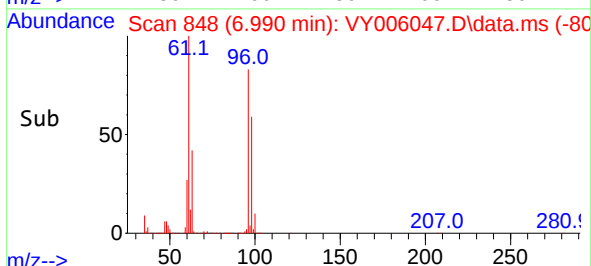
Tgt Ion: 96 Resp: 45337
Ion Ratio Lower Upper
96 100
61 150.0 120.5 180.7
98 62.4 49.8 74.8



#27
cis-1,2-Dichloroethene
Concen: 8918.960 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57



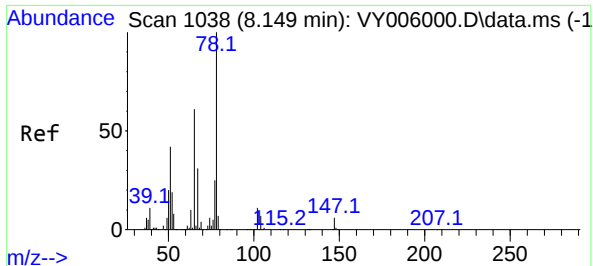
Tgt Ion: 96 Resp:16871465
Ion Ratio Lower Upper
96 100
61 127.7 0.0 319.8
98 67.9 0.0 127.0



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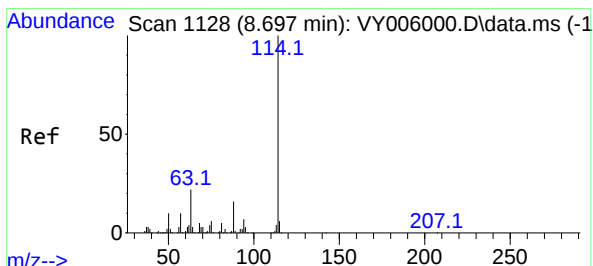
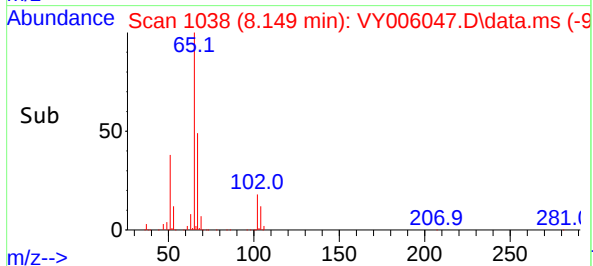
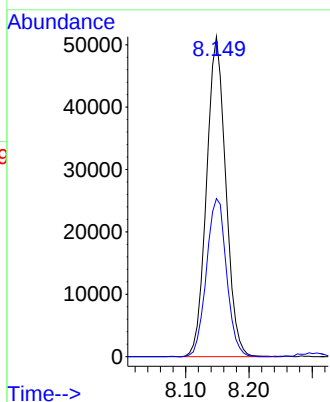
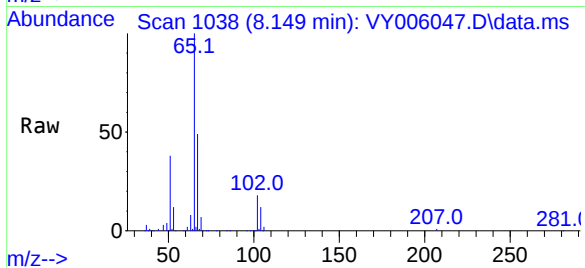
#33
1,2-Dichloroethane-d4
Concen: 51.463 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006047.D
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Tgt Ion: 65 Resp: 108257
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4

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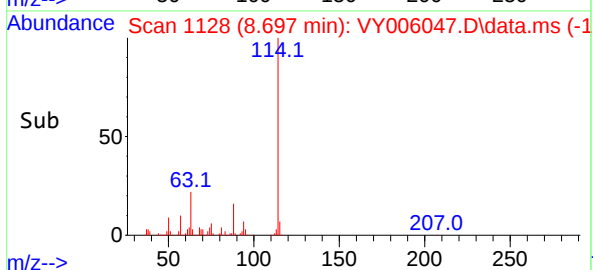
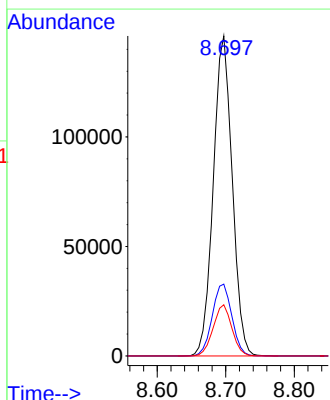
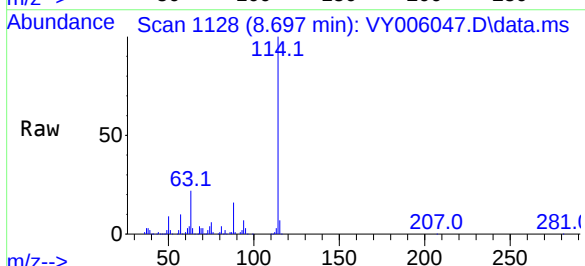
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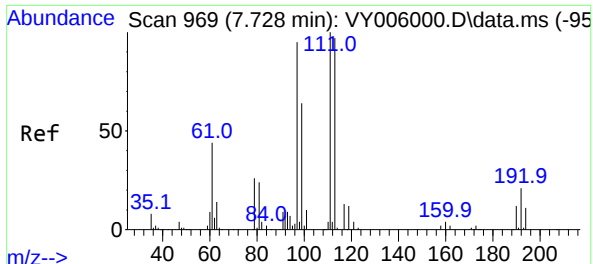
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 114 Resp: 280109
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.2
88 16.0 0.0 31.8





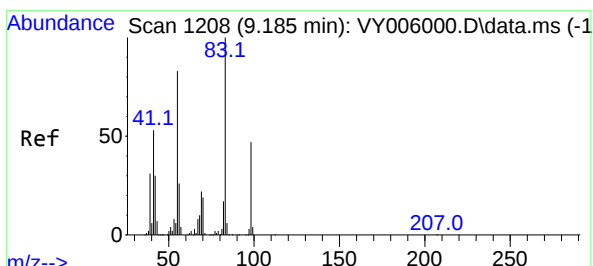
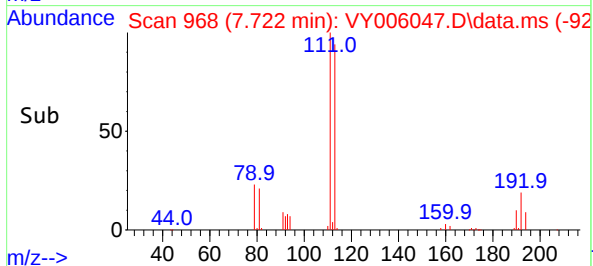
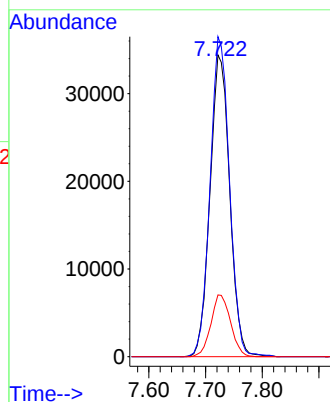
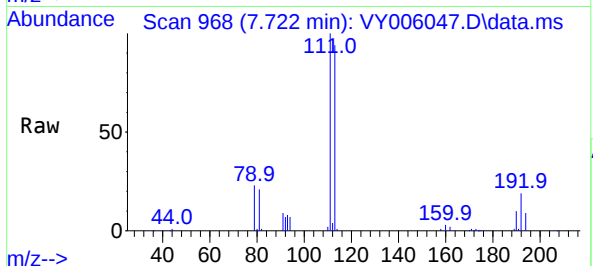
#35
Dibromofluoromethane
Concen: 47.708 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006047.D
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Tgt Ion:	113	Resp:	83003
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.6	124.0
192	20.4	17.6	26.4

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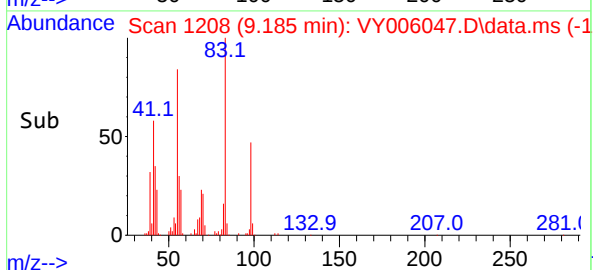
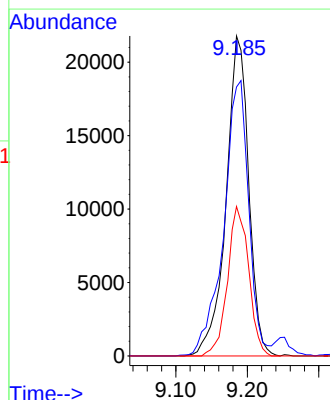
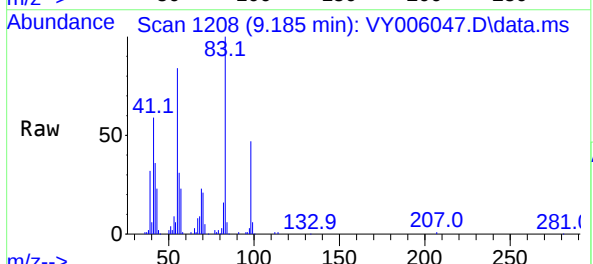
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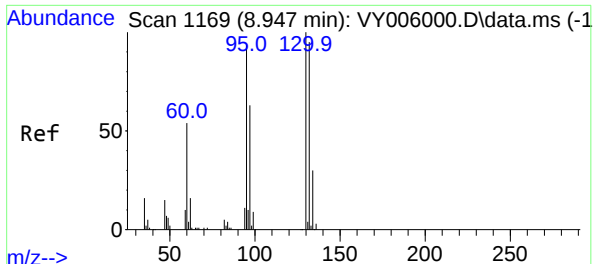
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#39
Methylcyclohexane
Concen: 12.768 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion:	83	Resp:	47844
Ion	Ratio	Lower	Upper
83	100		
55	83.8	66.5	99.7
98	46.7	37.9	56.9





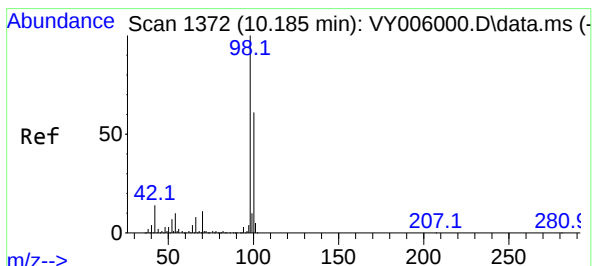
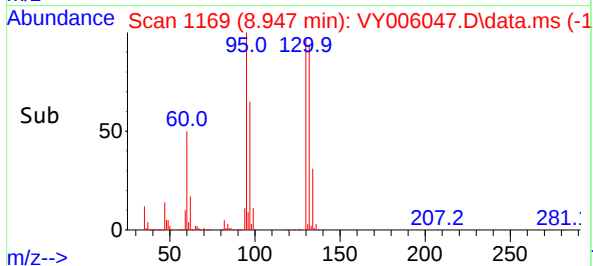
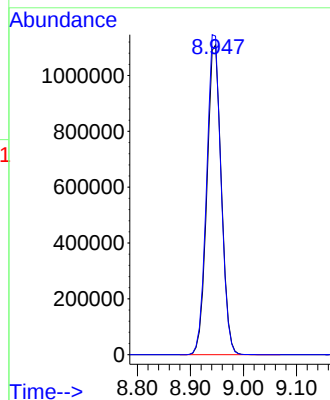
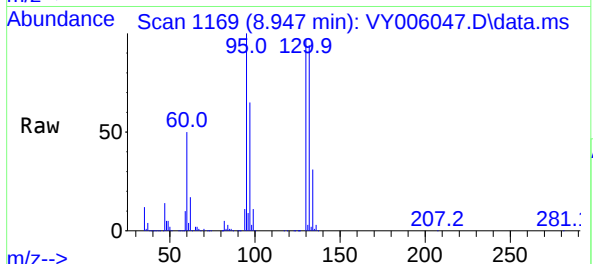
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Trichloroethene
Concen: 969.943 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion:130 Resp: 2095562
Ion Ratio Lower Upper
130 100
95 102.9 0.0 188.2

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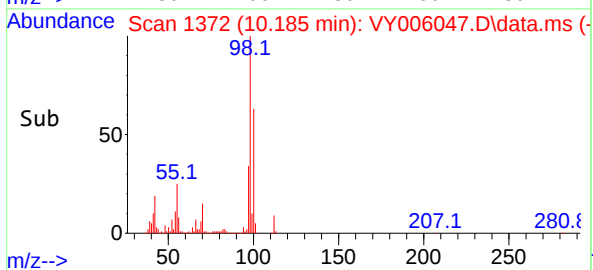
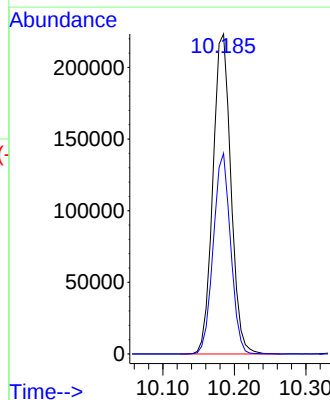
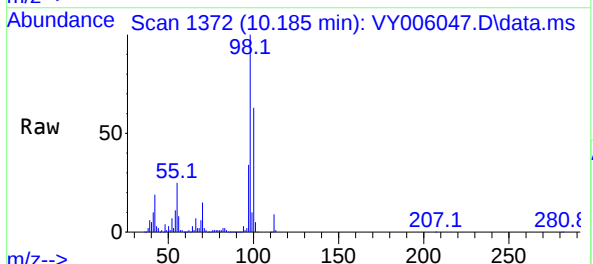
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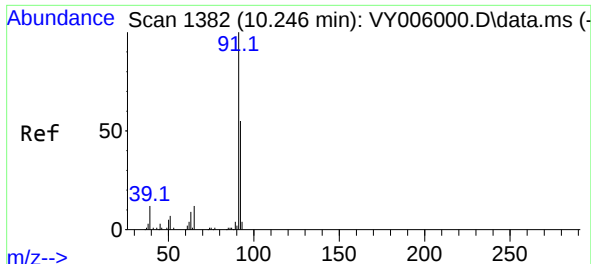
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#50
Toluene-d8
Concen: 52.549 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 98 Resp: 389654
Ion Ratio Lower Upper
98 100
100 60.2 50.2 75.2





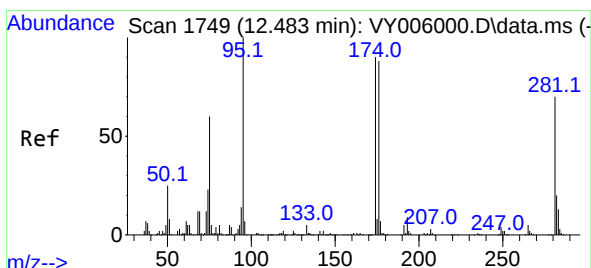
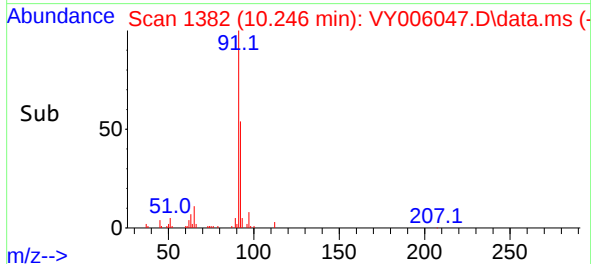
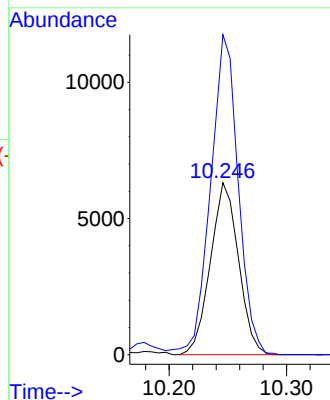
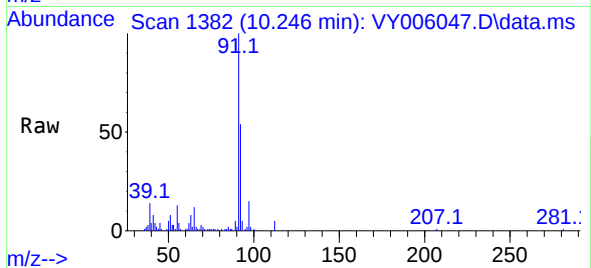
#52
Toluene
Concen: 1.962 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 92 Resp: 10484
Ion Ratio Lower Upper
92 100
91 183.2 142.6 213.8

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINTRE

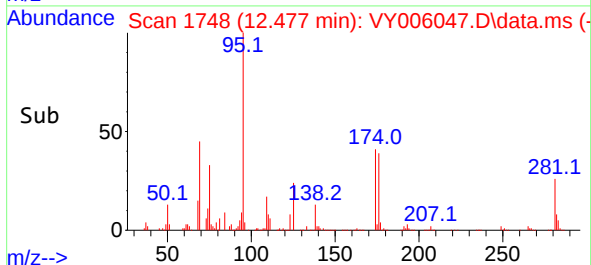
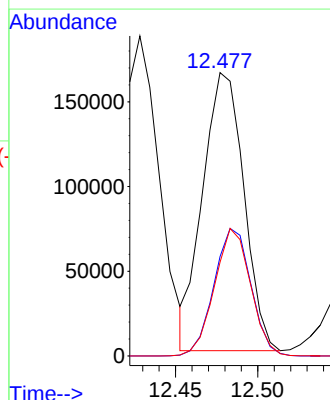
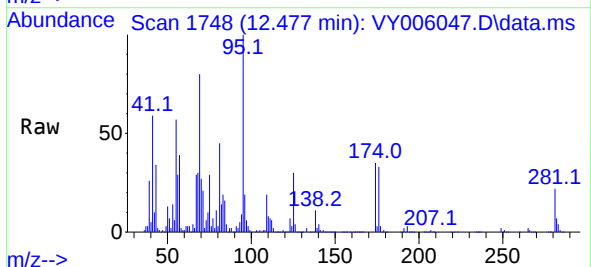
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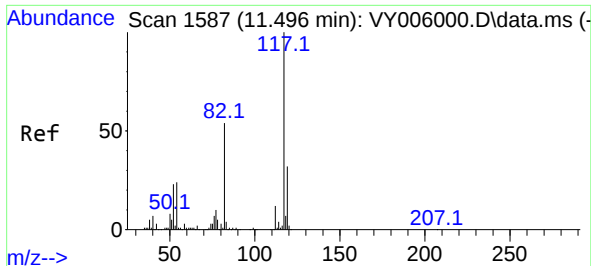
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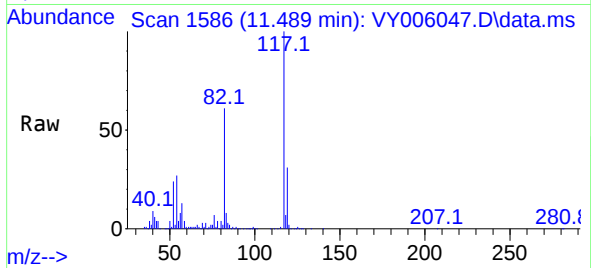
#62
4-Bromofluorobenzene
Concen: 113.500 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 95 Resp: 285742
Ion Ratio Lower Upper
95 100
174 41.3 0.0 177.0
176 40.2 0.0 175.8

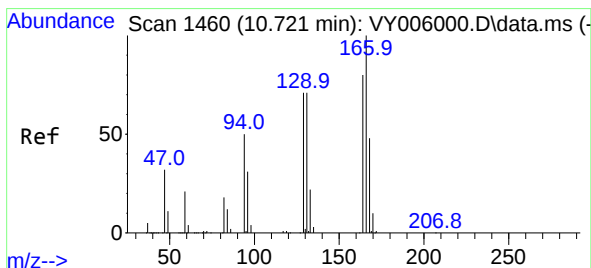
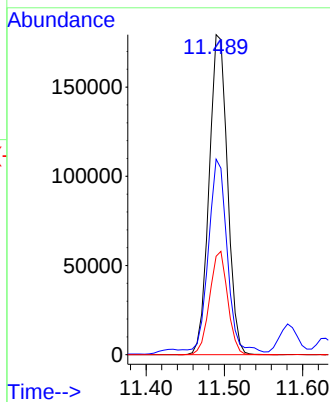
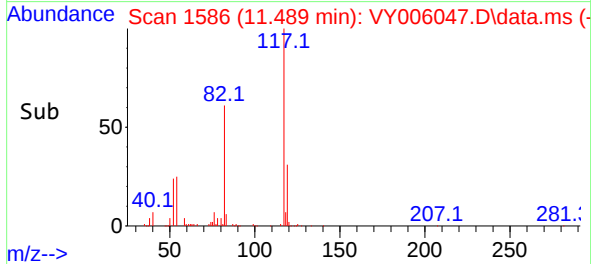




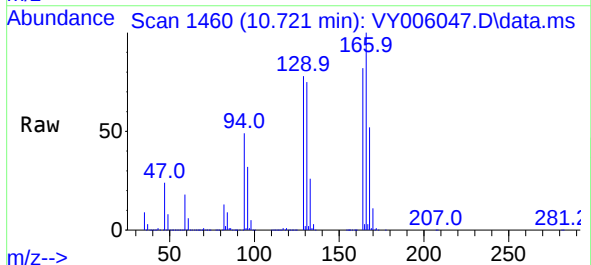
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57



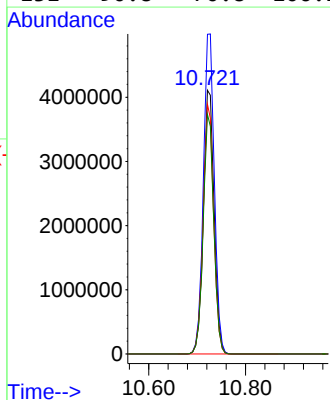
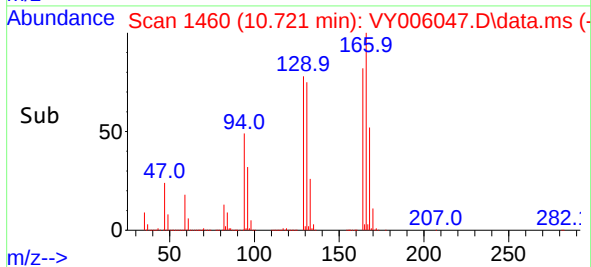
Tgt Ion:117 Resp: 291747
Ion Ratio Lower Upper
117 100
82 59.7 43.0 64.4
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 2662.547 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57



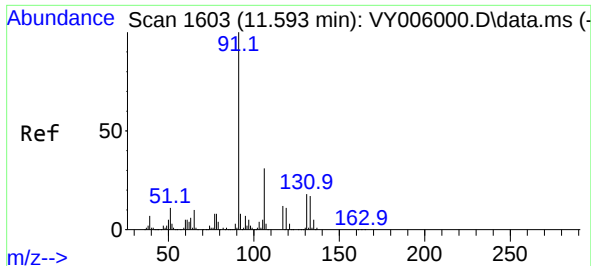
Tgt Ion:164 Resp: 6353419
Ion Ratio Lower Upper
164 100
166 121.2 100.4 150.6
129 94.6 71.4 107.0
131 90.8 70.8 106.2



Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINTRE

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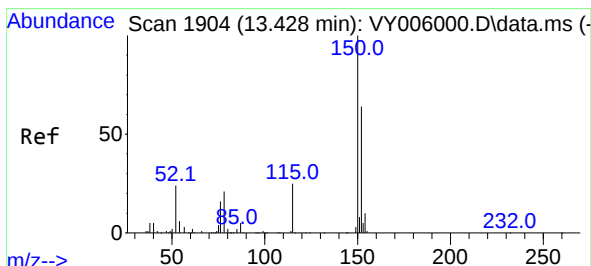
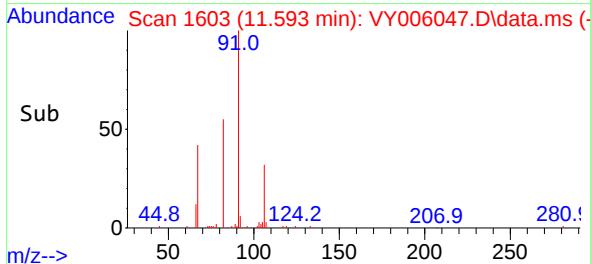
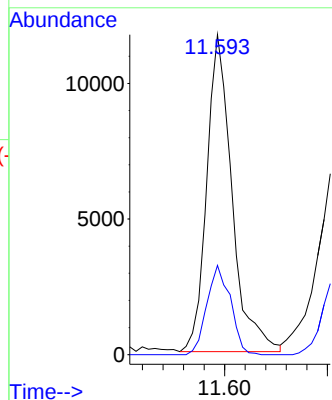
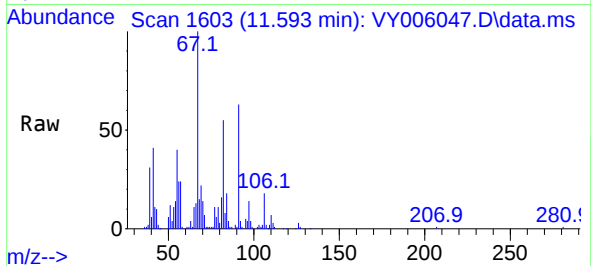
#67
Ethyl Benzene
Concen: 1.683 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 91 Resp: 19975
Ion Ratio Lower Upper
91 100
106 28.2 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINTRE

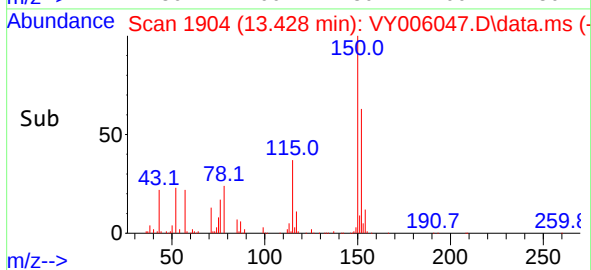
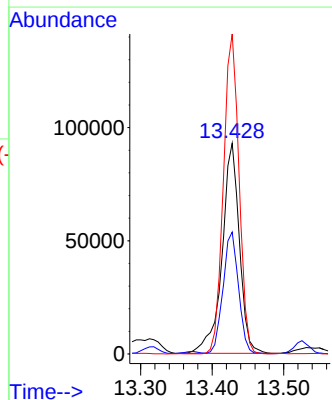
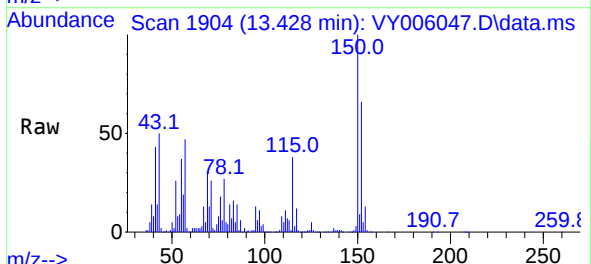
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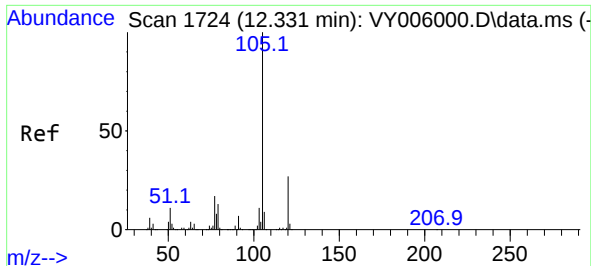
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion:152 Resp: 156480
Ion Ratio Lower Upper
152 100
115 51.6 28.2 84.7
150 136.5 0.0 347.6





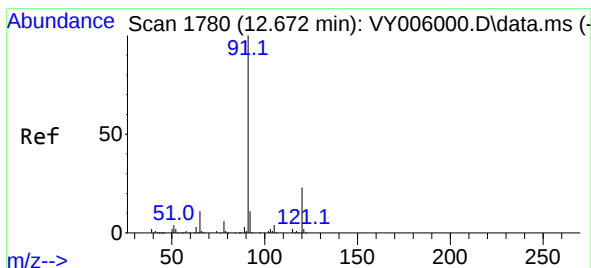
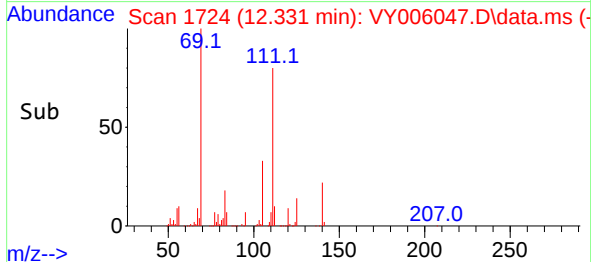
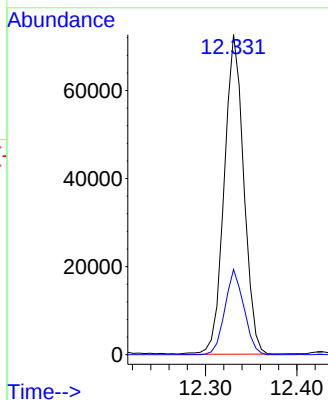
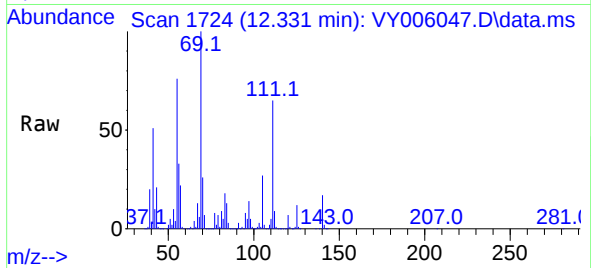
#73
Isopropylbenzene
Concen: 8.800 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 105 Resp: 107831
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.2

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINTRE

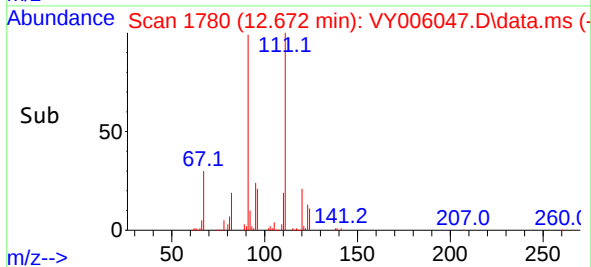
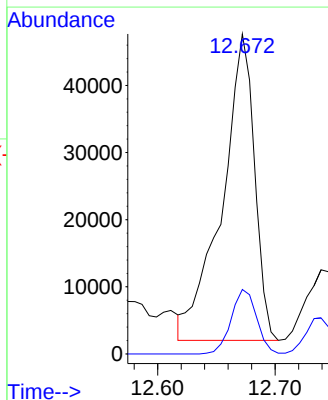
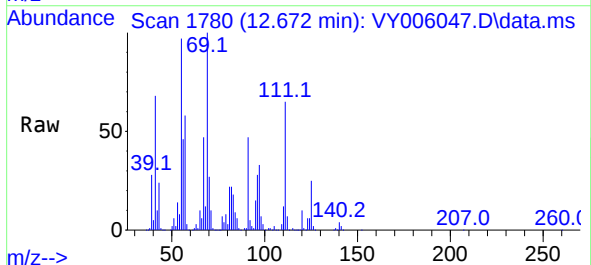
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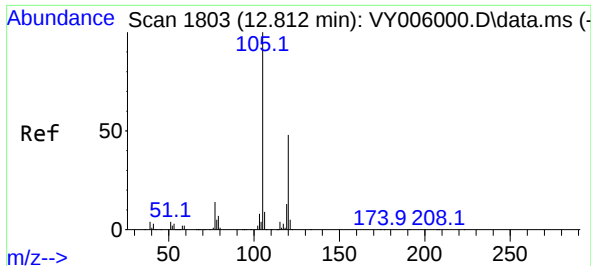
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#78
n-propylbenzene
Concen: 5.793 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 91 Resp: 87834
Ion Ratio Lower Upper
91 100
120 16.5 11.3 33.9





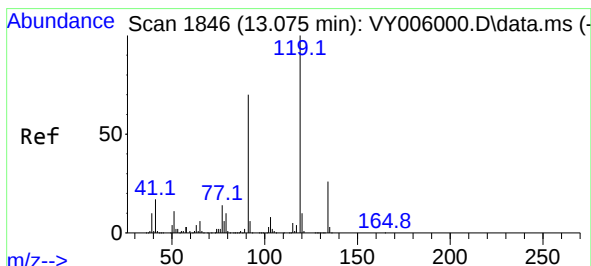
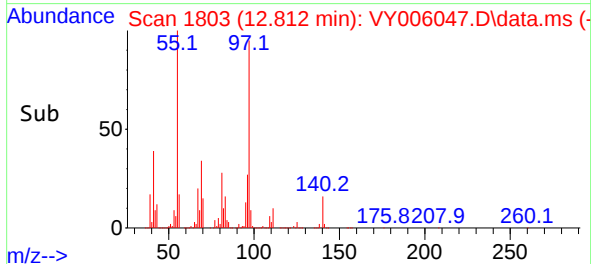
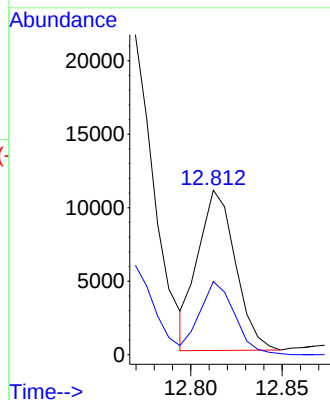
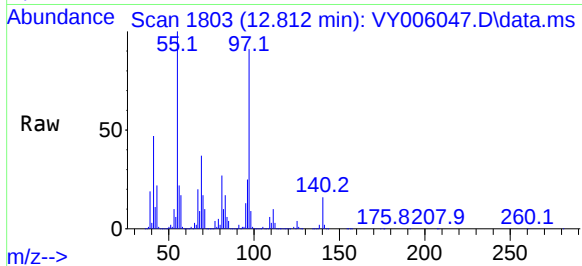
#80
1,3,5-Trimethylbenzene
Concen: 1.535 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion:105 Resp: 15603
Ion Ratio Lower Upper
105 100
120 42.7 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
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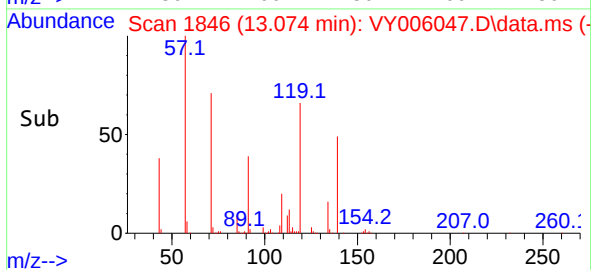
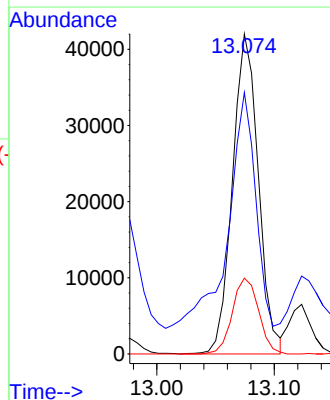
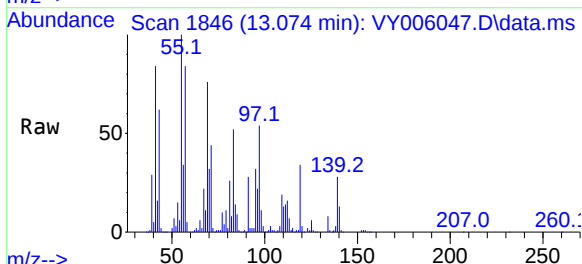
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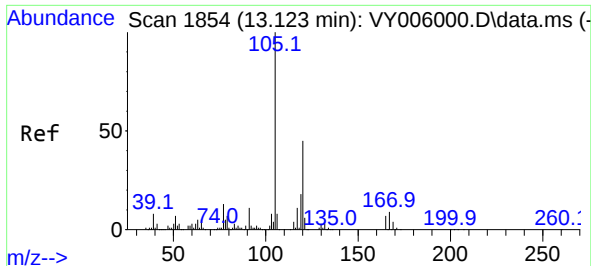
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#83
tert-Butylbenzene
Concen: 7.411 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion:119 Resp: 64414
Ion Ratio Lower Upper
119 100
91 77.5 34.8 104.4
134 24.0 13.3 39.9





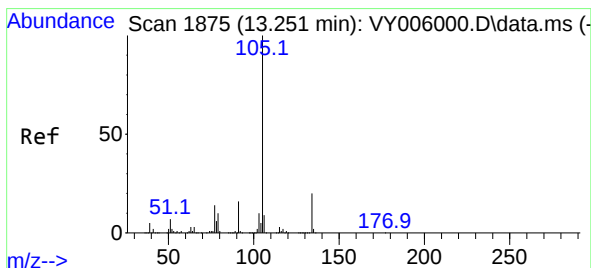
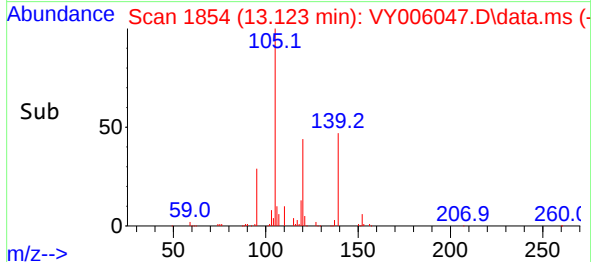
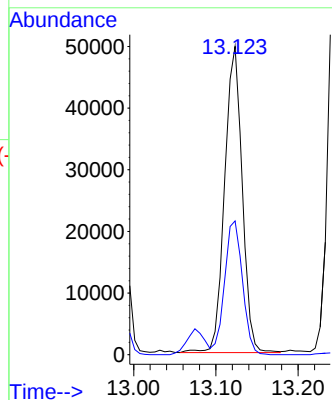
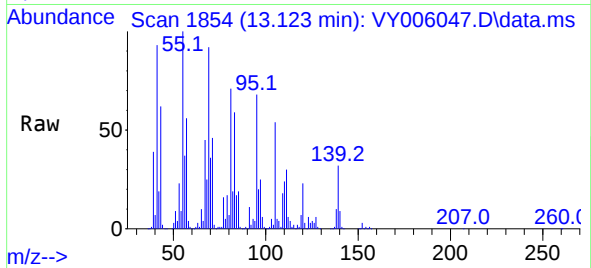
#84
1,2,4-Trimethylbenzene
Concen: 7.327 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion:105 Resp: 73878
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINTRE

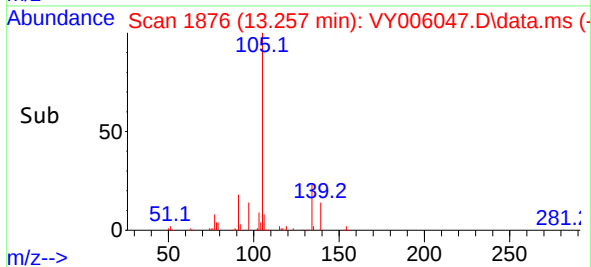
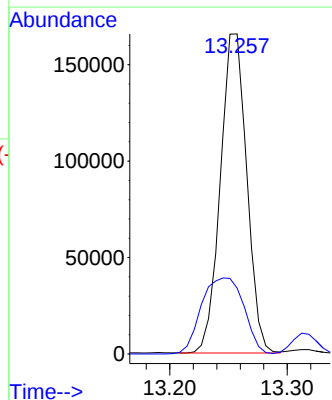
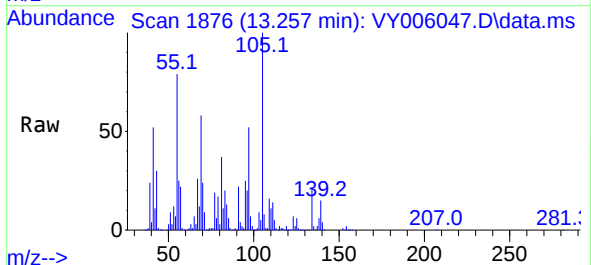
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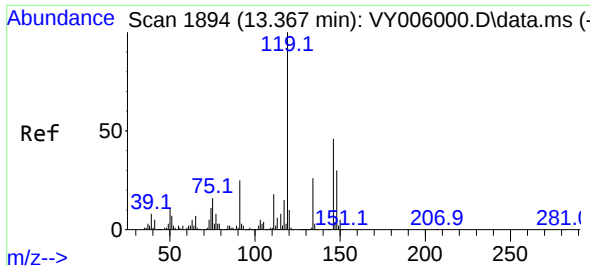
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#85
sec-Butylbenzene
Concen: 19.876 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion:105 Resp: 258618
Ion Ratio Lower Upper
105 100
134 38.2 10.2 30.4#





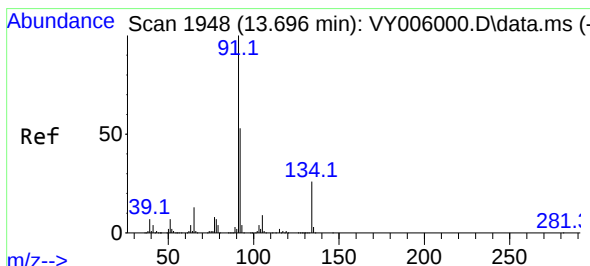
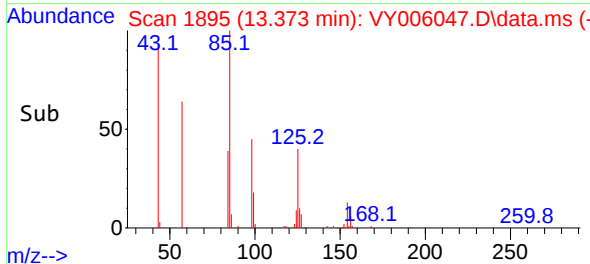
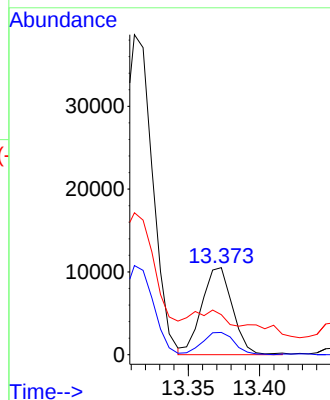
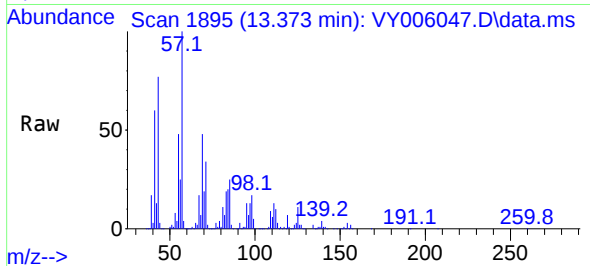
#86
p-Isopropyltoluene
Concen: 1.424 ug/l m
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 119 Resp: 15820
Ion Ratio Lower Upper
119 100
134 164.5 13.2 39.5#
91 194.6 12.4 37.2#

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-02-(8-10)-END-POINTRE

Manual Integrations
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#89
n-Butylbenzene
Concen: 3.790 ug/l m
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006047.D
Acq: 16 Sep 2021 14:57

Tgt Ion: 91 Resp: 39373
Ion Ratio Lower Upper
91 100
92 55.2 26.3 78.9
134 0.0 13.0 38.9#

