

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006022.D
 Acq On : 15 Sep 2021 12:54
 Operator : SY/MD
 Sample : M3733-10
 Misc : 6.96G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Sep 16 01:22:34 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	137235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101524	53.258	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.520%			
35) Dibromofluoromethane	7.722	113	76764	49.391	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.780%			
50) Toluene-d8	10.185	98	339631	51.272	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.483	95	181457	80.683	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 161.360%#			
Target Compounds						Qvalue
4) Vinyl Chloride	2.253	62	508144	249.645	ug/l	99
12) 1,1-Dichloroethene	3.875	96	4924	3.594	ug/l	92
17) Carbon Disulfide	4.198	76	5207	1.138	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	44304	28.834	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	15086333	8800.773	ug/l	82
39) Methylcyclohexane	9.185	83	17683	5.282	ug/l	96
44) Trichloroethene	8.947	130	2688838	1393.151	ug/l	93
52) Toluene	10.246	92	7191	1.507	ug/l	97
64) Tetrachloroethene	10.728	164	7453665	3462.845	ug/l	98
73) Isopropylbenzene	12.331	105	48050	4.547	ug/l	99
78) n-propylbenzene	12.672	91	59614	4.559	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	69897	7.975	ug/l	97
83) tert-Butylbenzene	13.075	119	30774	4.105	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	213542	24.557	ug/l	99
85) sec-Butylbenzene	13.251	105	126087	11.236	ug/l #	63
86) p-Isopropyltoluene	13.373	119	33324	3.478	ug/l	96
89) n-Butylbenzene	13.697	91	43969m	4.908	ug/l	

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

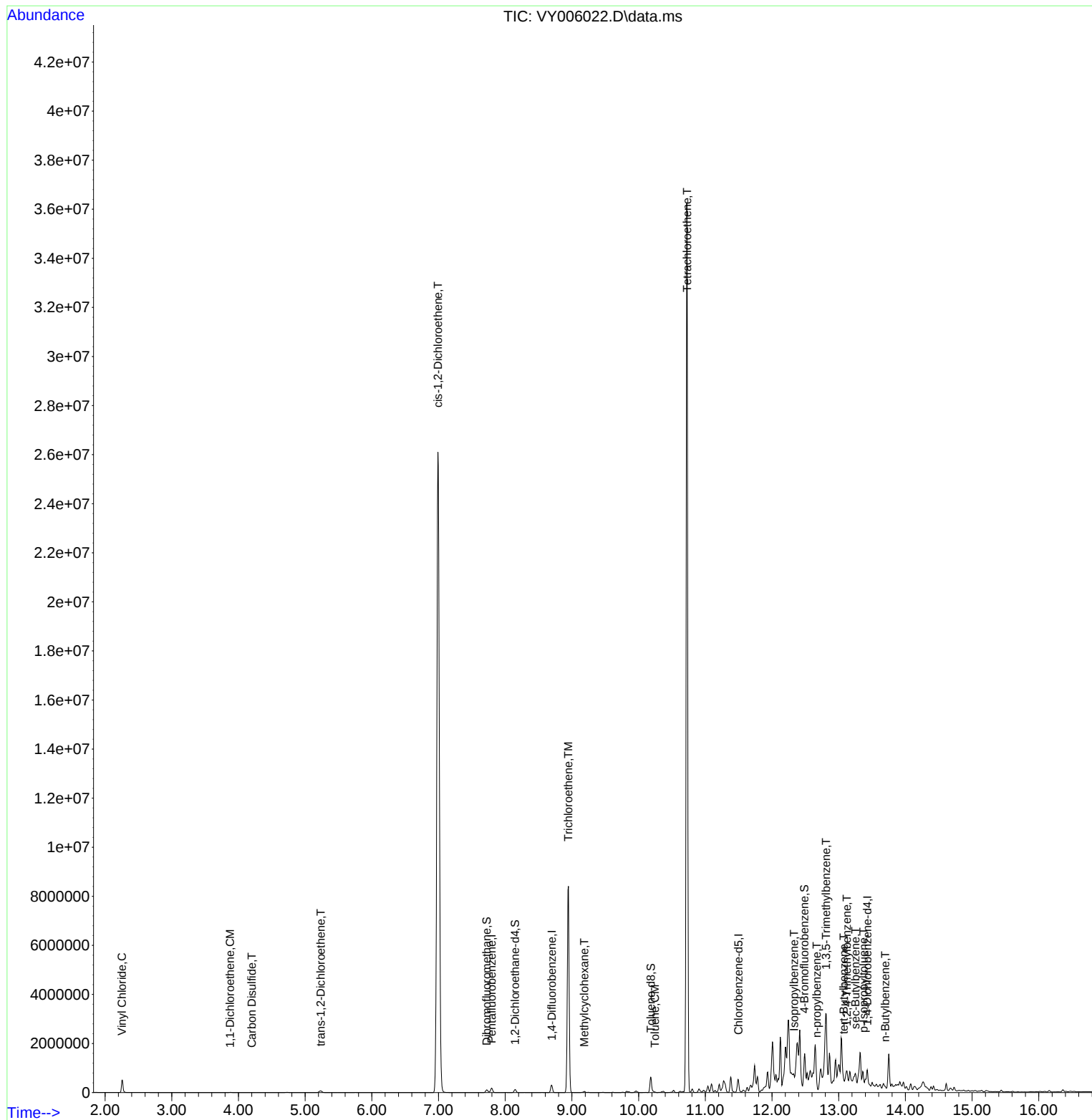
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
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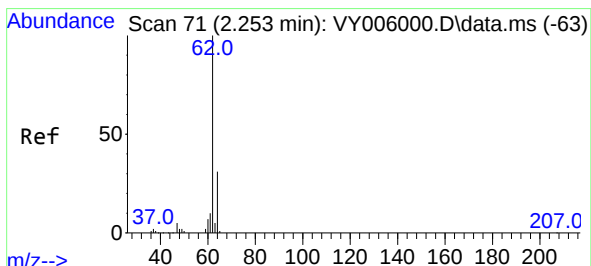
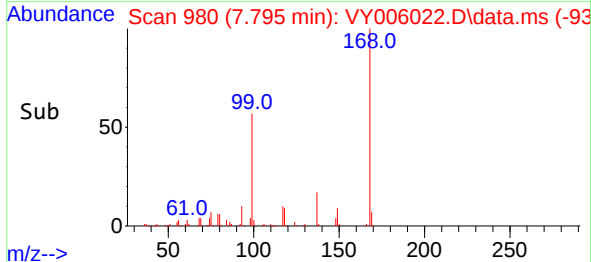
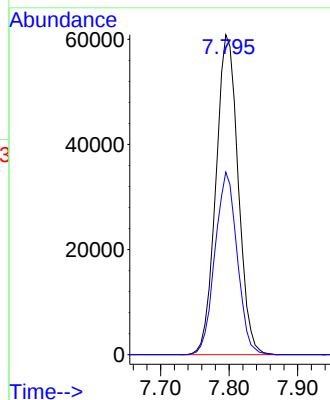
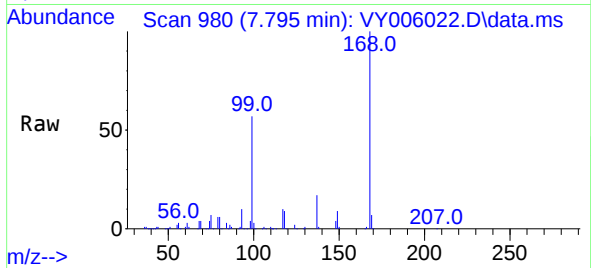
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion: 168 Resp: 137235
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3

Instrument :
MSVOA_Y
ClientSampleId :
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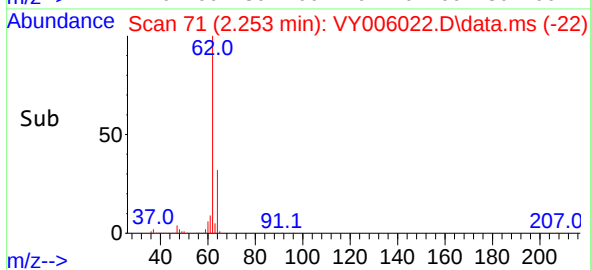
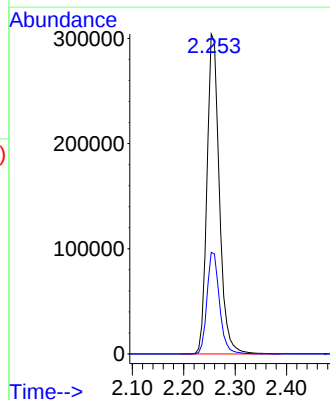
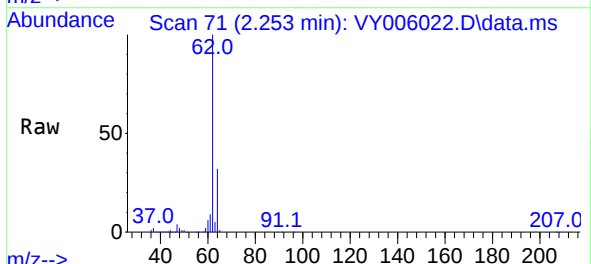
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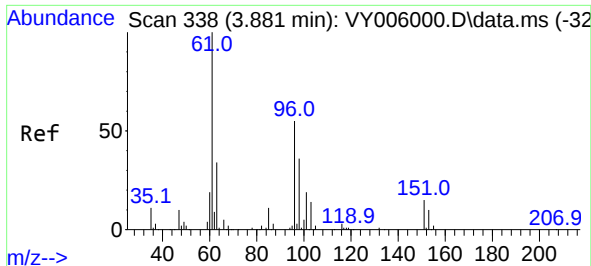
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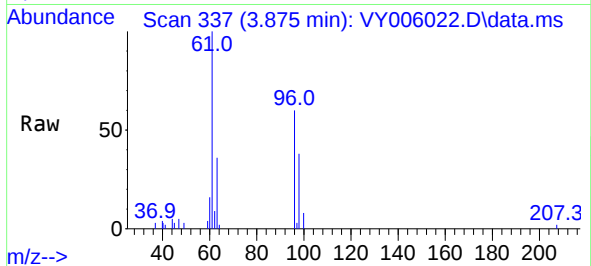
#4
Vinyl Chloride
Concen: 249.645 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion: 62 Resp: 508144
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6



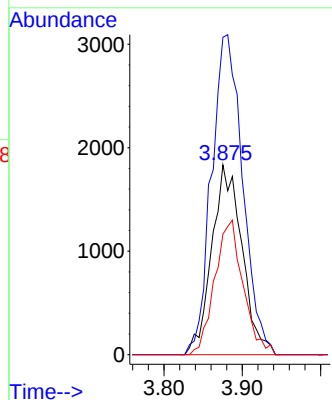


#12
1,1-Dichloroethene
Concen: 3.594 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



Tgt Ion: 96 Resp: 4924

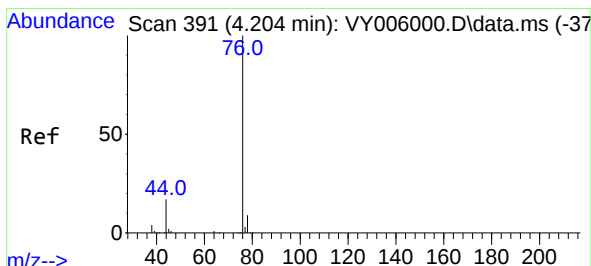
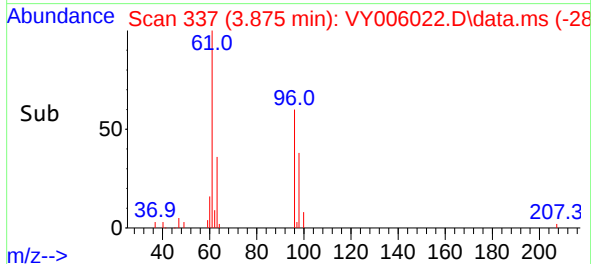
Ion	Ratio	Lower	Upper
96	100		
61	167.3	145.8	218.6
98	63.5	52.5	78.7



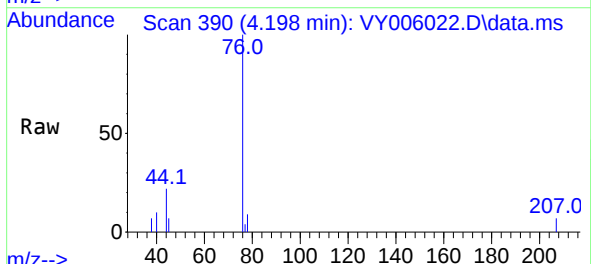
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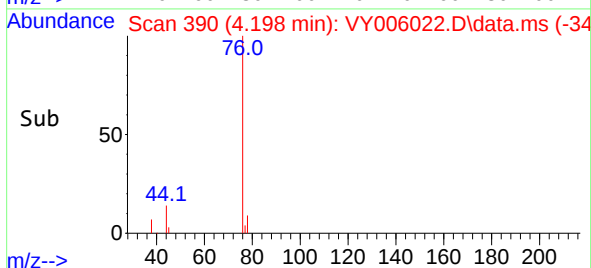
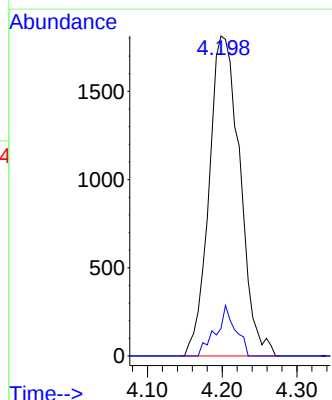


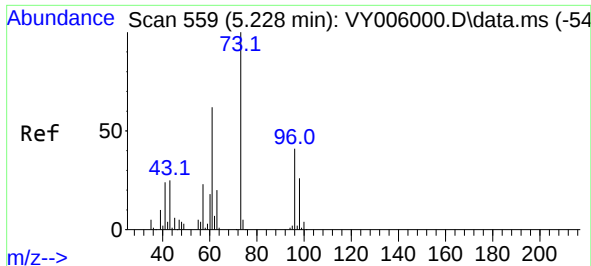
#17
Carbon Disulfide
Concen: 1.138 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



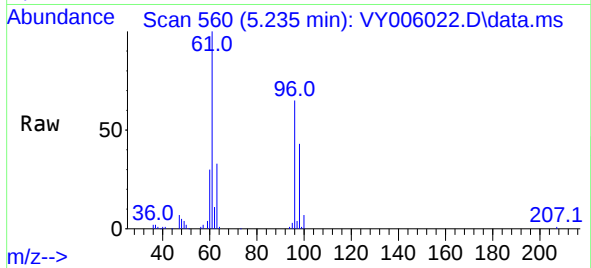
Tgt Ion: 76 Resp: 5207

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0



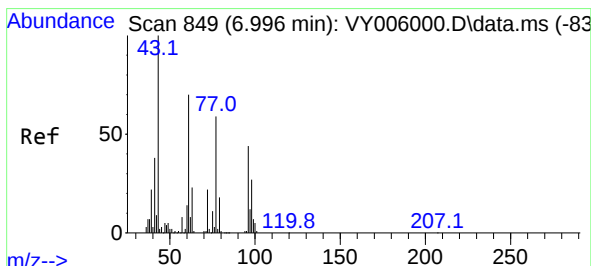
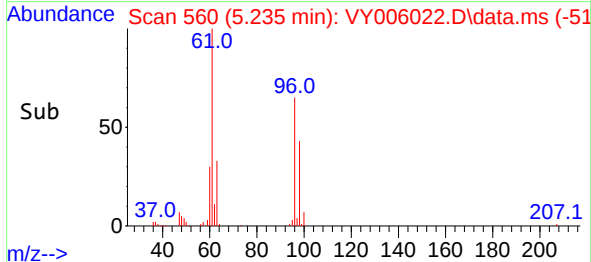
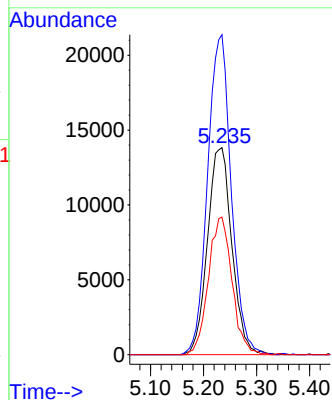


#21
trans-1,2-Dichloroethene
Concen: 28.834 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

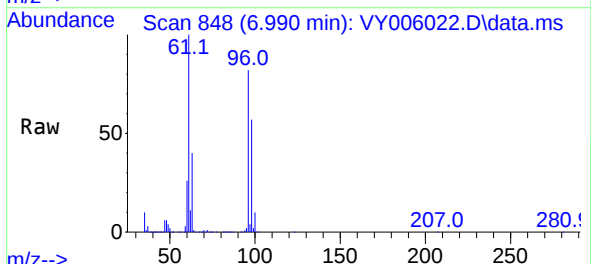


Tgt Ion: 96 Resp: 44304

Ion	Ratio	Lower	Upper
96	100		
61	154.6	120.5	180.7
98	66.5	49.8	74.8

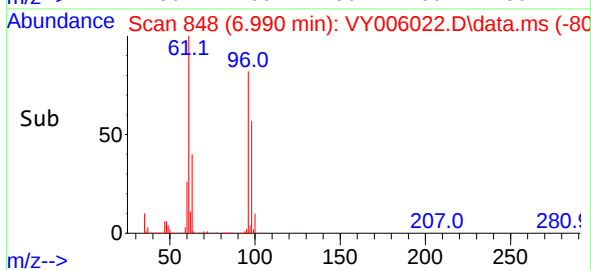
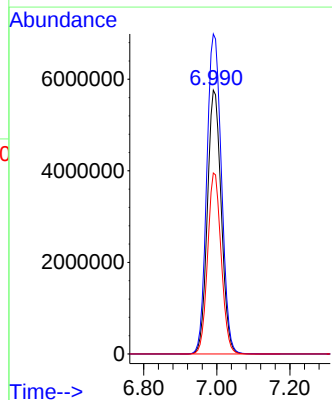


#27
cis-1,2-Dichloroethene
Concen: 8800.773 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



Tgt Ion: 96 Resp:15086333

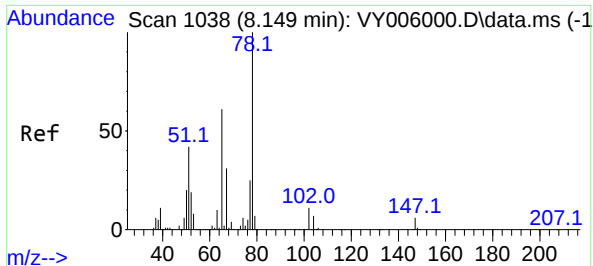
Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	319.8
98	67.0	0.0	127.0



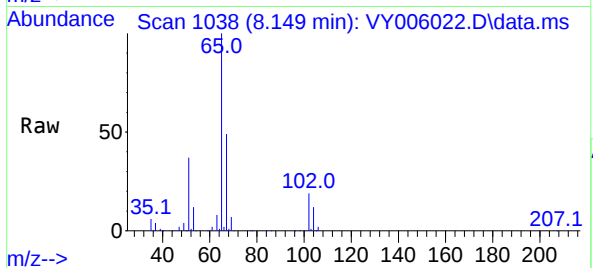
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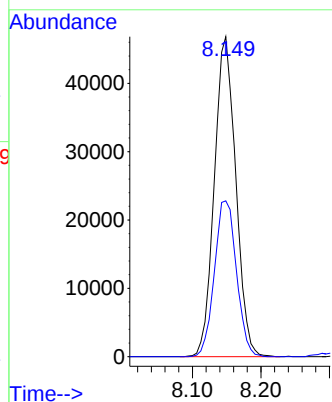
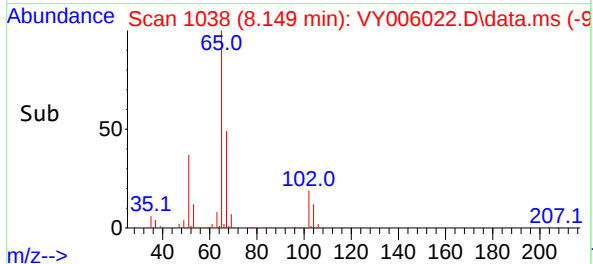
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#33
1,2-Dichloroethane-d4
Concen: 53.258 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



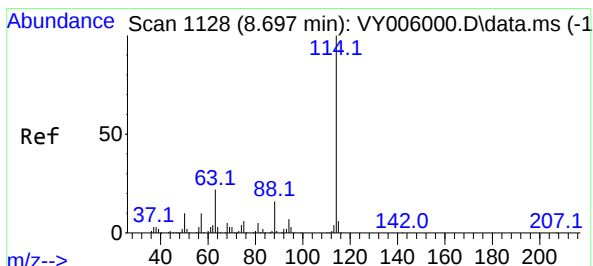
Tgt Ion: 65 Resp: 101524
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4



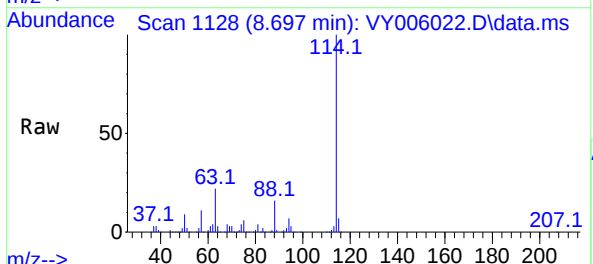
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MSVOA_Y
ClientSampleId :
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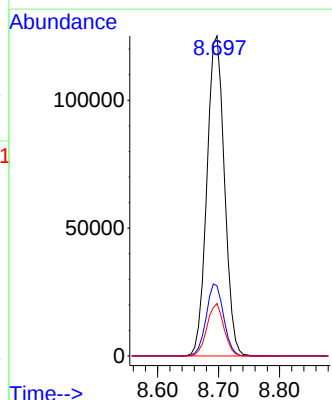
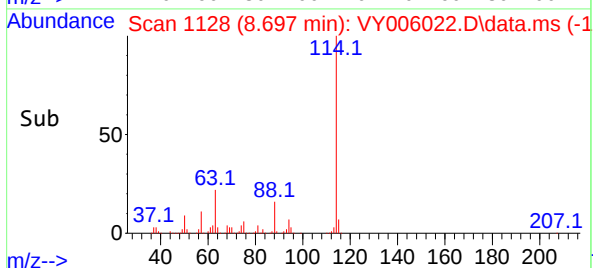
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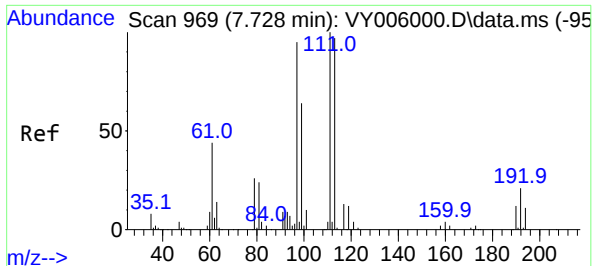


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

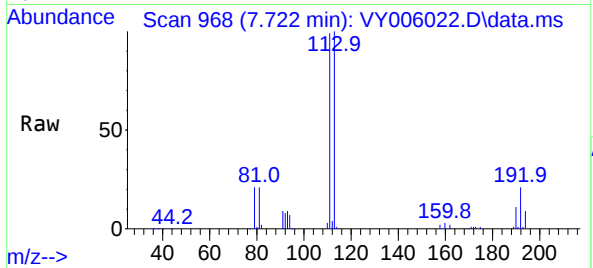


Tgt Ion: 114 Resp: 250230
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.4 0.0 31.8

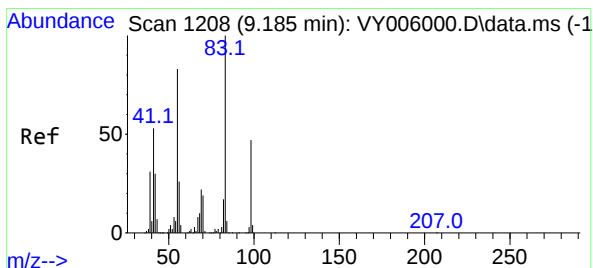
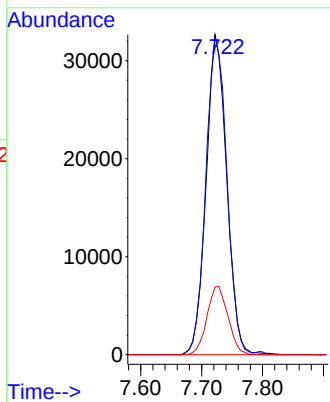
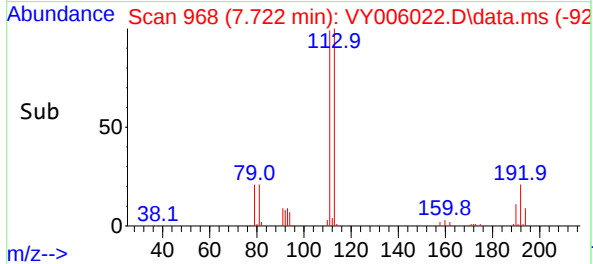




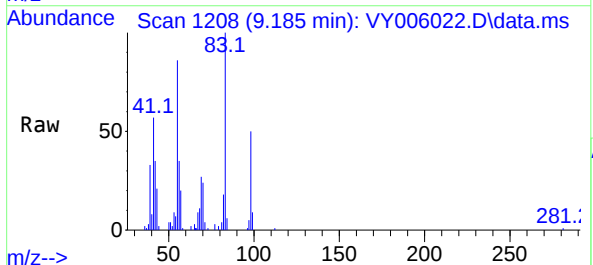
#35
Dibromofluoromethane
Concen: 49.391 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



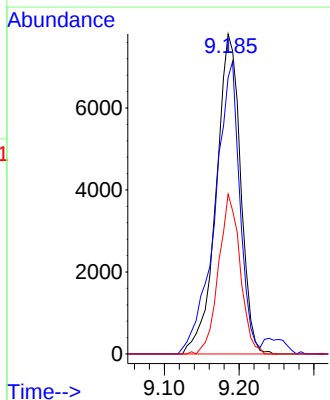
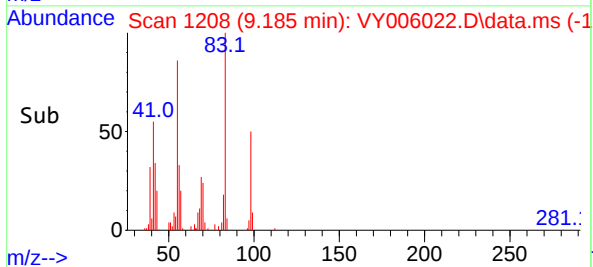
Tgt Ion: 113 Resp: 76764
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 21.7 17.6 26.4



#39
Methylcyclohexane
Concen: 5.282 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



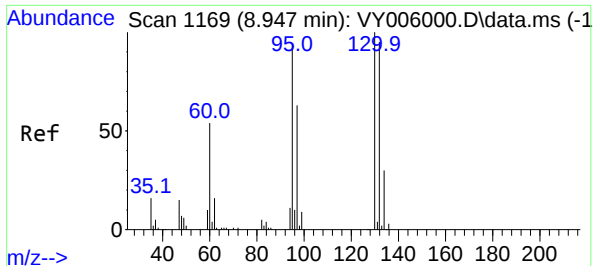
Tgt Ion: 83 Resp: 17683
Ion Ratio Lower Upper
83 100
55 86.4 66.5 99.7
98 49.9 37.9 56.9



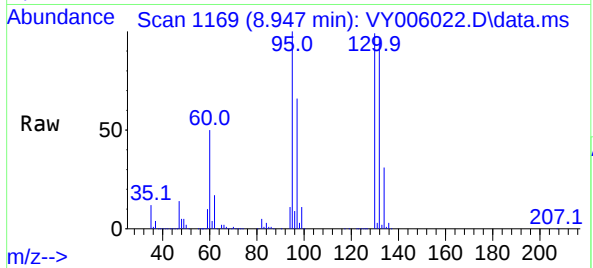
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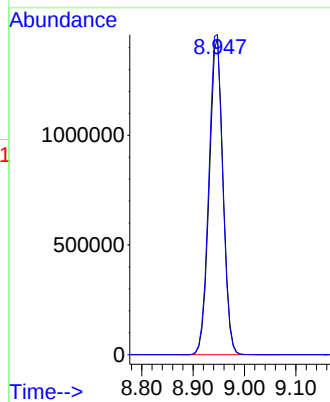
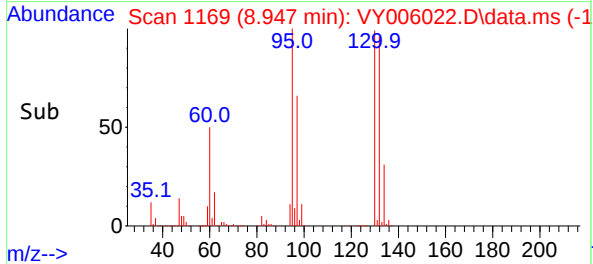
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#44
Trichloroethene
Concen: 1393.151 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



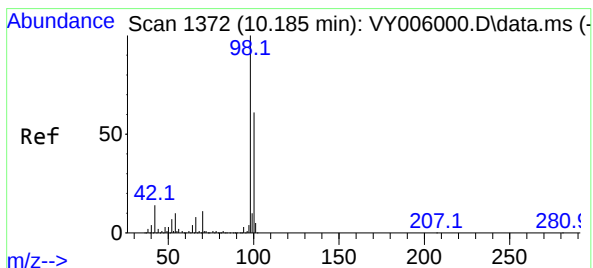
Tgt Ion:130 Resp: 2688838
Ion Ratio Lower Upper
130 100
95 101.1 0.0 188.2



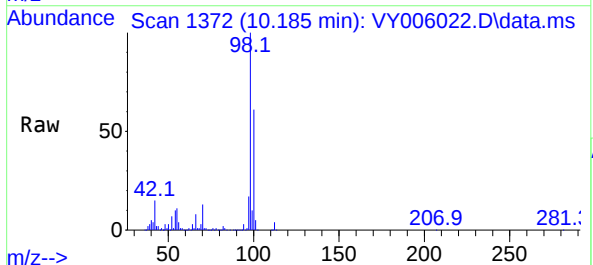
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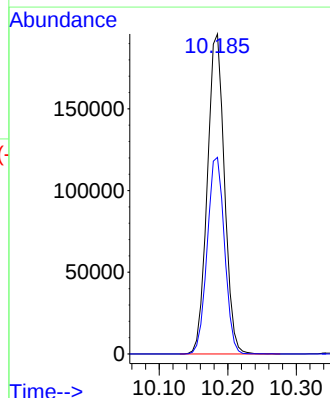
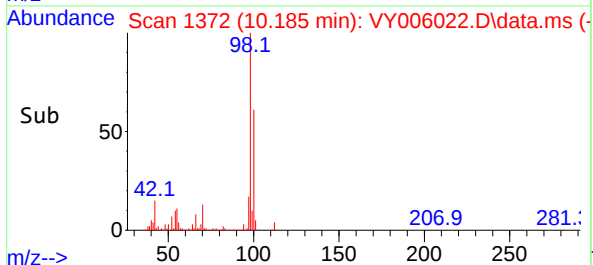
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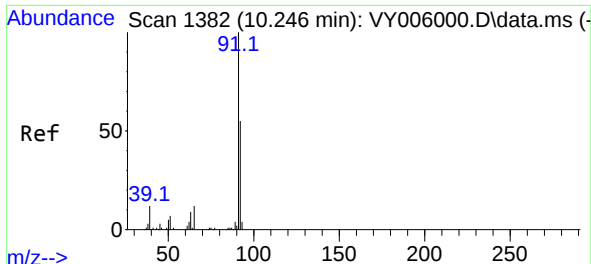


#50
Toluene-d8
Concen: 51.272 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



Tgt Ion: 98 Resp: 339631
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2





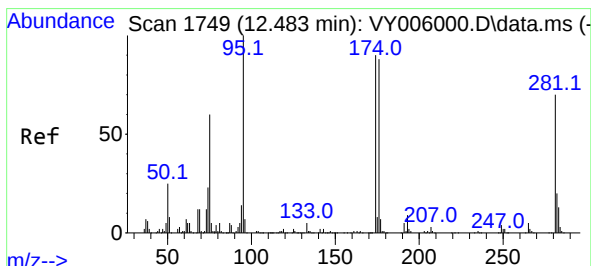
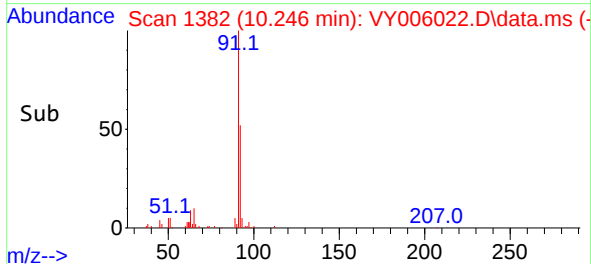
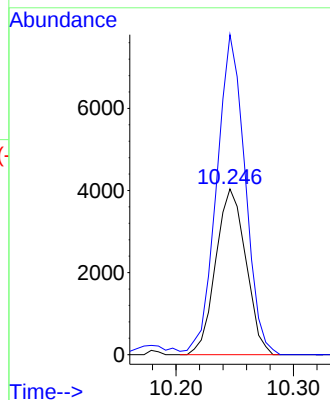
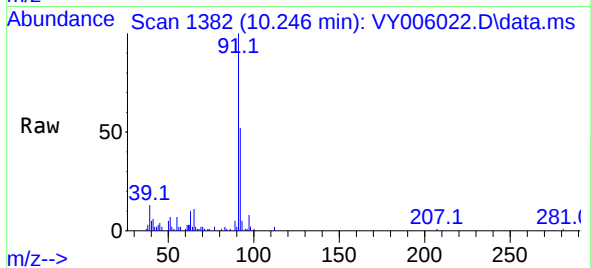
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Toluene
Concen: 1.507 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion: 92 Resp: 7191
Ion Ratio Lower Upper
92 100
91 183.0 142.6 213.8

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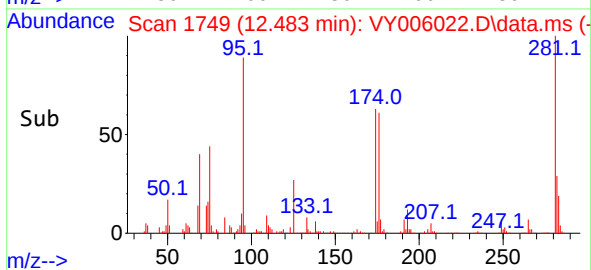
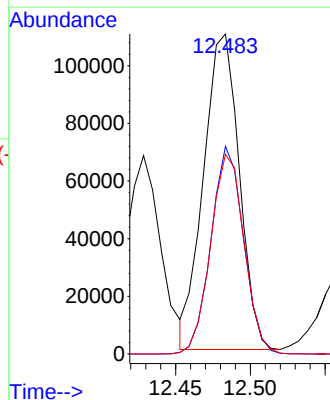
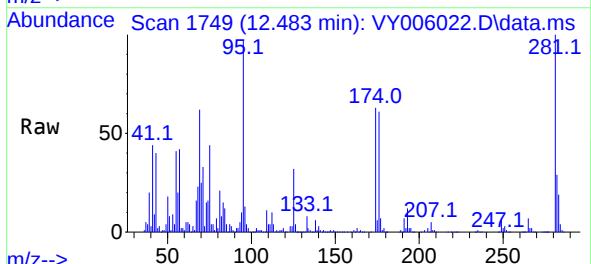
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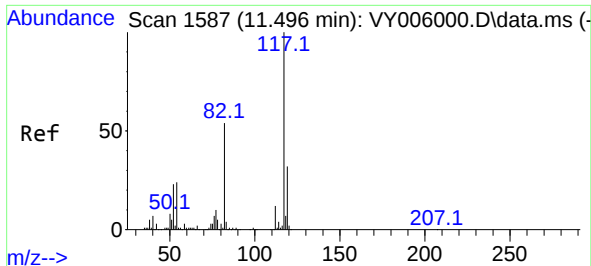
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#62
4-Bromofluorobenzene
Concen: 80.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion: 95 Resp: 181457
Ion Ratio Lower Upper
95 100
174 60.0 0.0 177.0
176 59.4 0.0 175.8





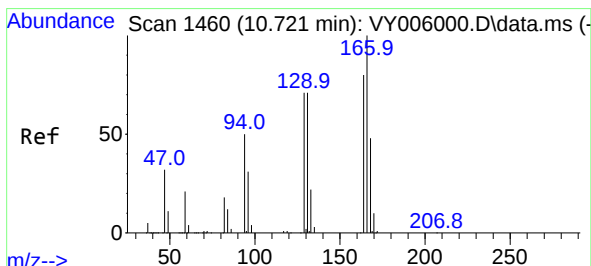
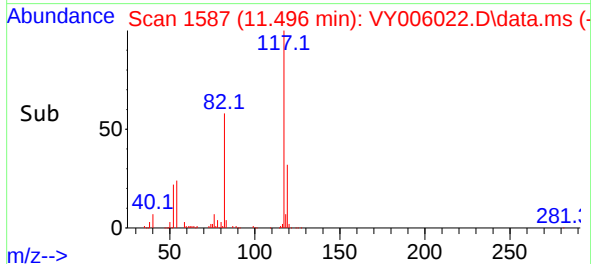
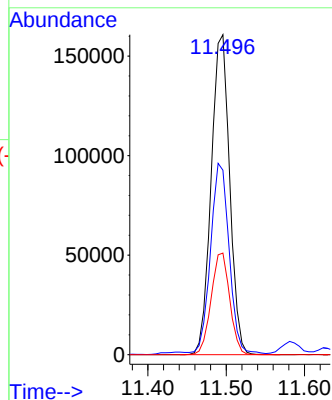
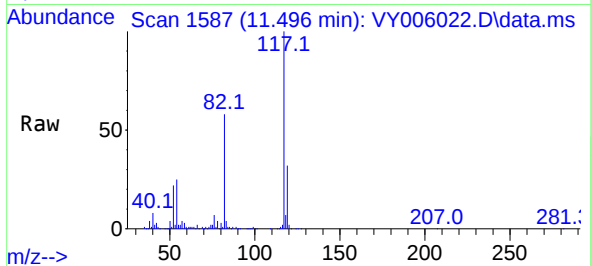
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion:	117	Resp:	263168
Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.0	64.4
119	31.8	25.4	38.0

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

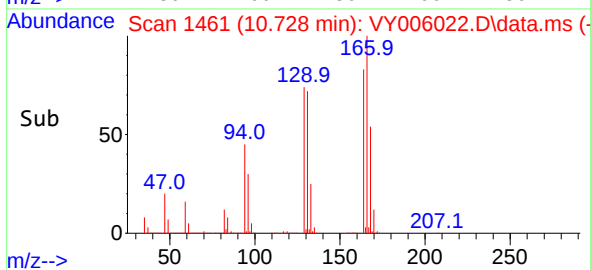
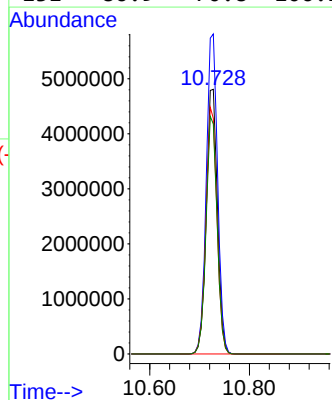
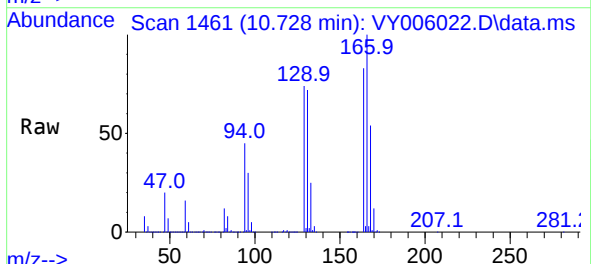
Manual Integrations
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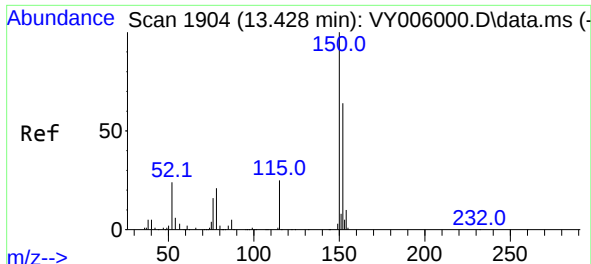
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#64
Tetrachloroethene
Concen: 3462.845 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion:	164	Resp:	7453665
Ion	Ratio	Lower	Upper
164	100		
166	120.9	100.4	150.6
129	89.1	71.4	107.0
131	86.9	70.8	106.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

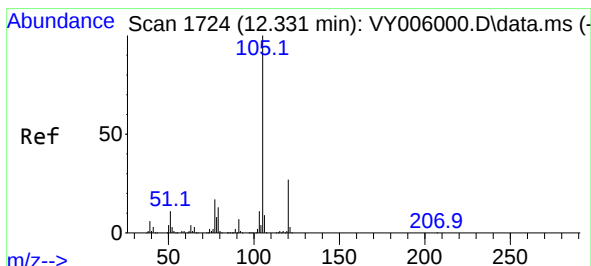
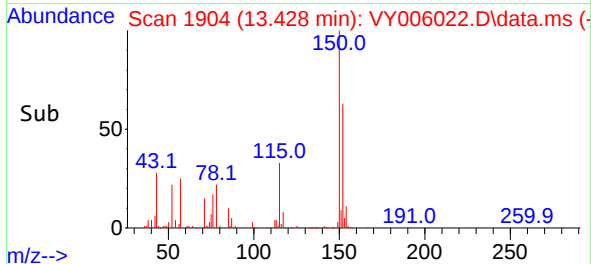
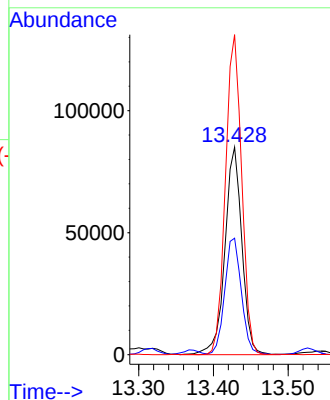
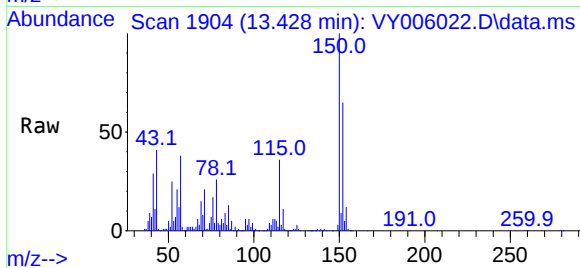
Tgt Ion:152 Resp: 134961

Ion	Ratio	Lower	Upper
152	100		
115	54.7	28.2	84.7
150	146.7	0.0	347.6

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

Manual Integrations
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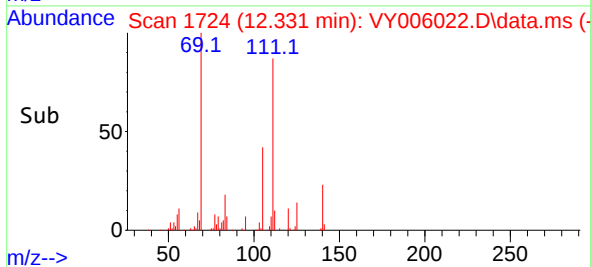
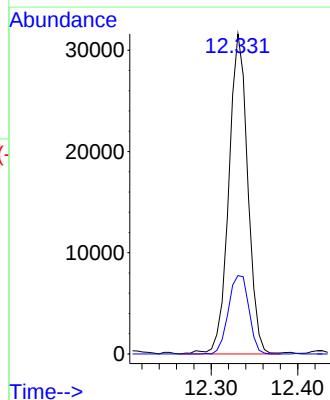
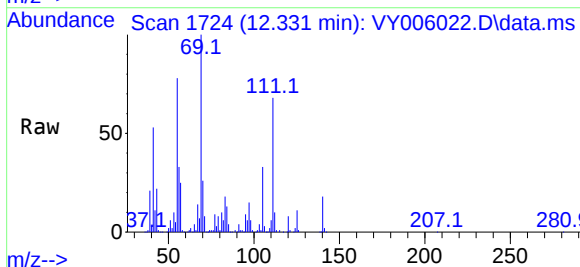
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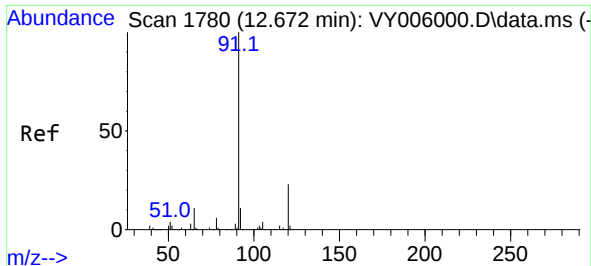


#73
Isopropylbenzene
Concen: 4.547 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion:105 Resp: 48050

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.4	40.2





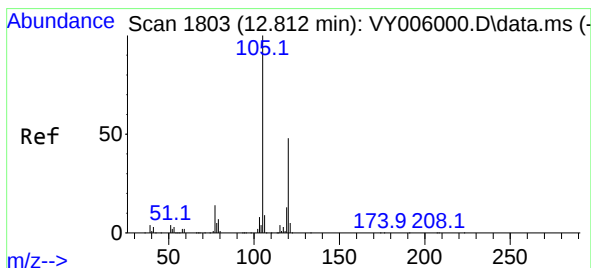
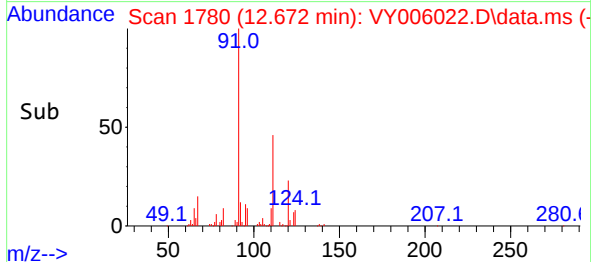
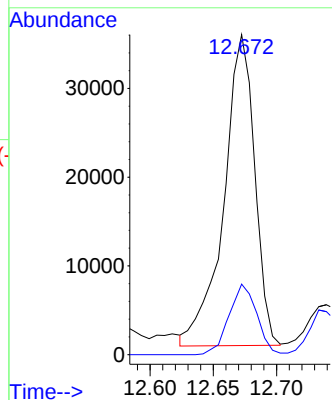
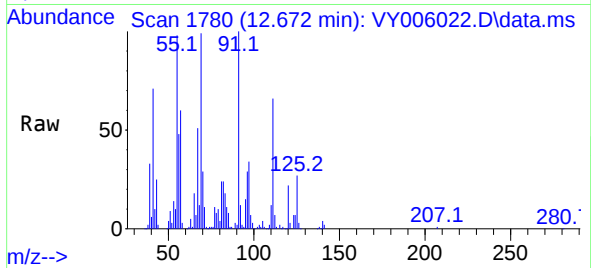
#78
n-propylbenzene
Concen: 4.559 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion: 91 Resp: 59614
Ion Ratio Lower Upper
91 100
120 20.4 11.3 33.9

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

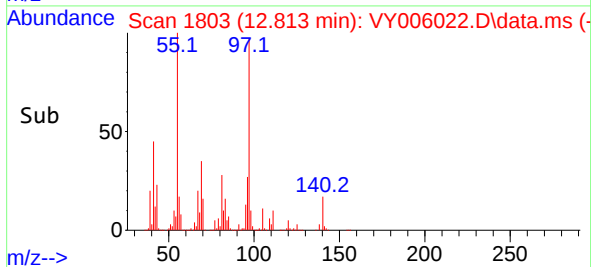
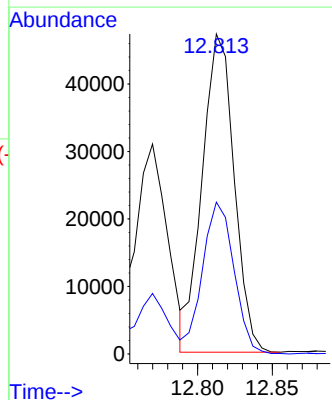
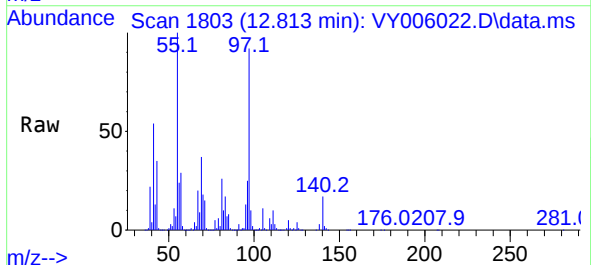
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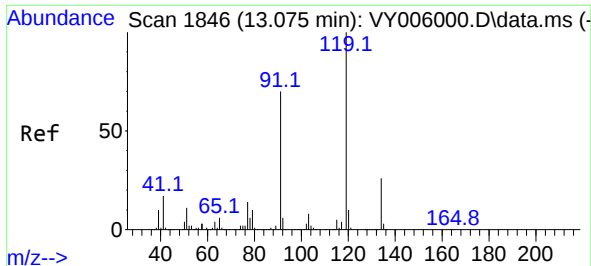
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#80
1,3,5-Trimethylbenzene
Concen: 7.975 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion: 105 Resp: 69897
Ion Ratio Lower Upper
105 100
120 47.2 24.4 73.4





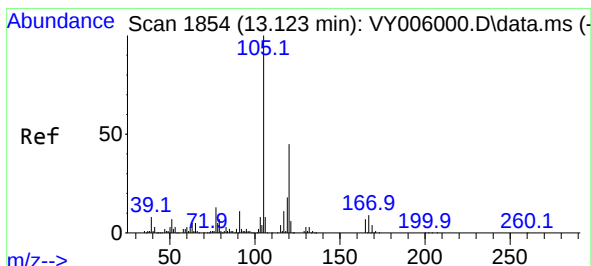
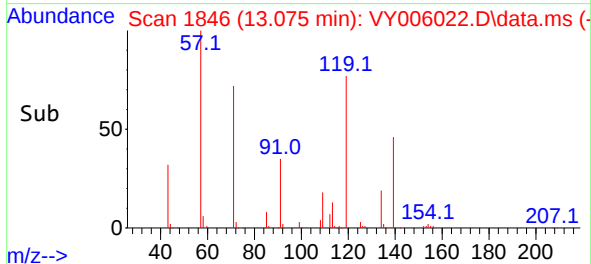
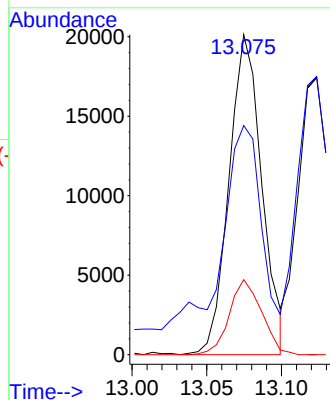
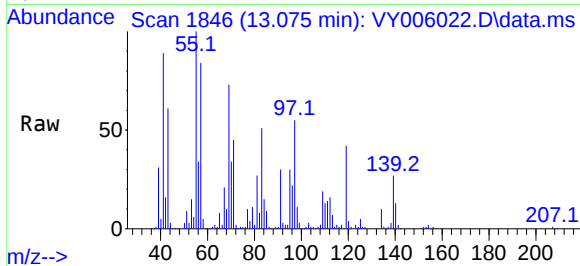
#83
tert-Butylbenzene
Concen: 4.105 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion:119 Resp: 30774
Ion Ratio Lower Upper
119 100
91 71.5 34.8 104.4
134 23.0 13.3 39.9

Instrument :
MSVOA_Y
ClientSampleId :
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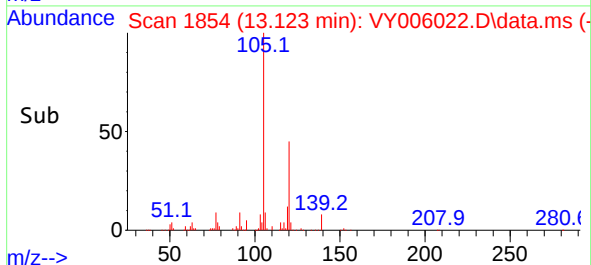
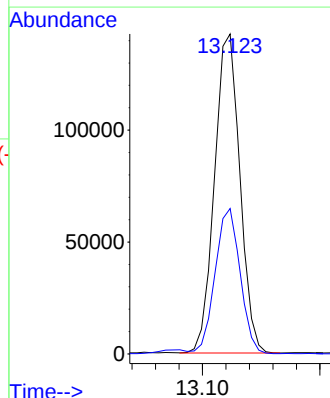
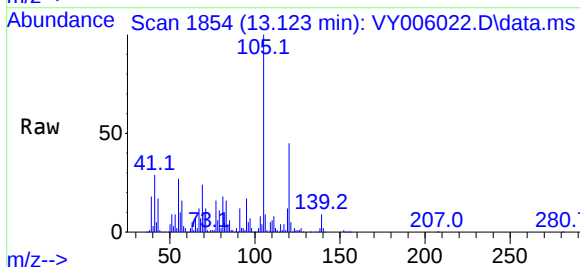
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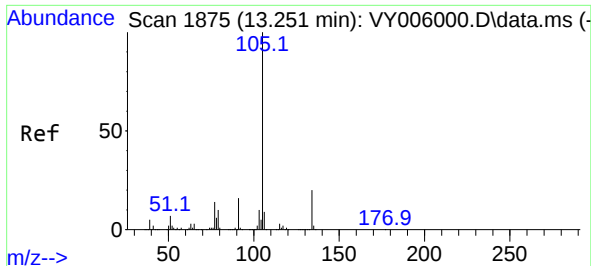
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#84
1,2,4-Trimethylbenzene
Concen: 24.557 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion:105 Resp: 213542
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9





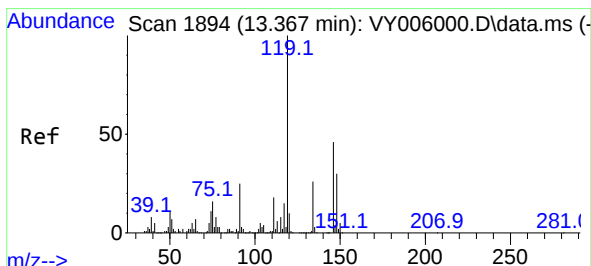
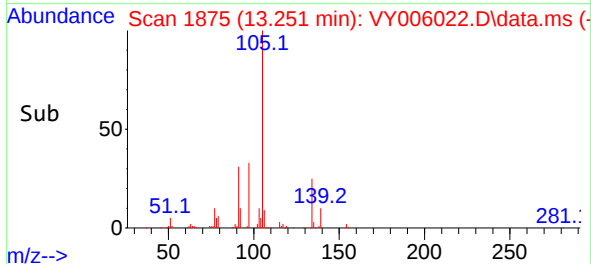
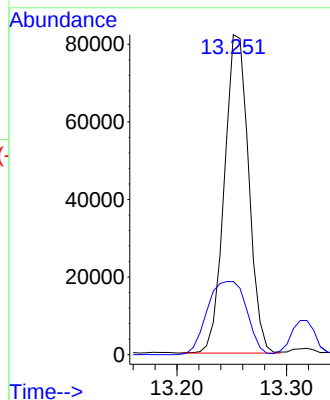
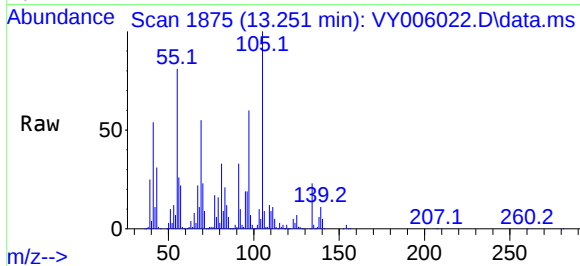
#85
sec-Butylbenzene
Concen: 11.236 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion:105 Resp: 126087
Ion Ratio Lower Upper
105 100
134 37.3 10.2 30.4#

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

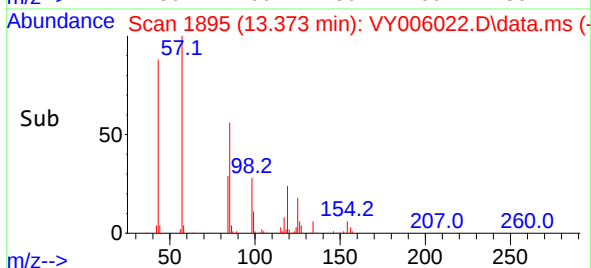
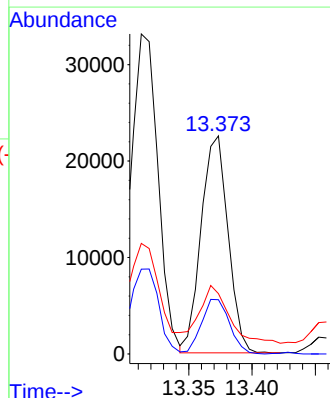
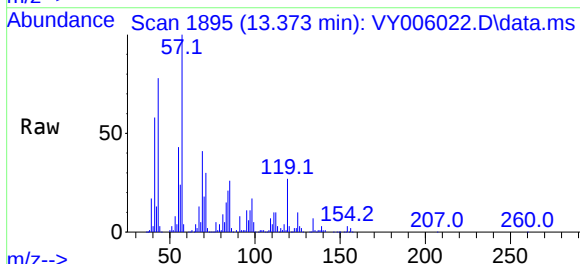
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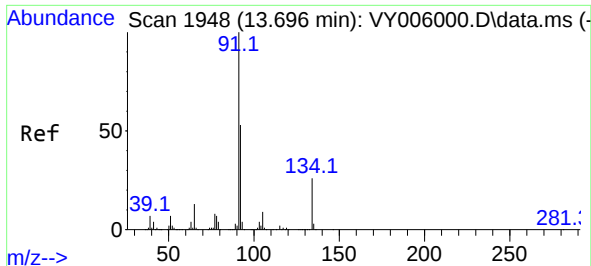
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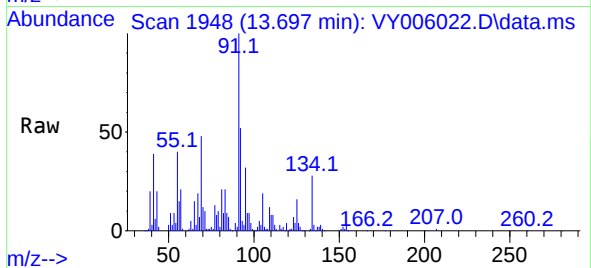
#86
p-Isopropyltoluene
Concen: 3.478 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54

Tgt Ion:119 Resp: 33324
Ion Ratio Lower Upper
119 100
134 26.2 13.2 39.5
91 29.1 12.4 37.2

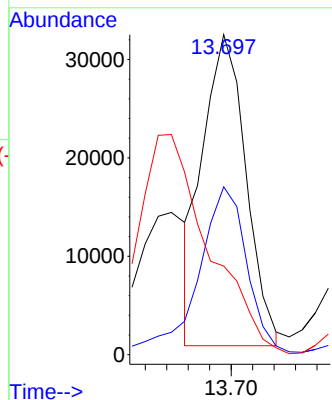
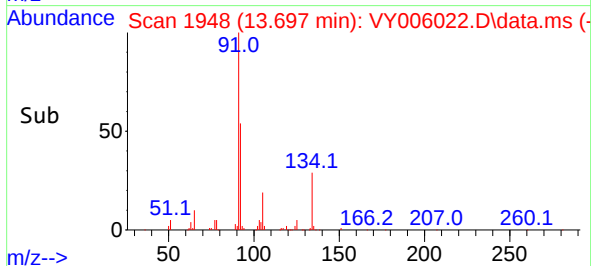




#89
n-Butylbenzene
Concen: 4.908 ug/l m
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006022.D
Acq: 15 Sep 2021 12:54



Tgt Ion: 91 Resp: 43969
Ion Ratio Lower Upper
91 100
92 59.3 26.3 78.9
134 0.0 13.0 38.9#



Instrument :
MSVOA_Y
ClientSampleId :
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