

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006031.D
 Acq On : 15 Sep 2021 18:00
 Operator : SY/MD
 Sample : M3733-09
 Misc : 7.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-01-(8-10)-END-POINT

Quant Time: Sep 16 01:24:16 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)

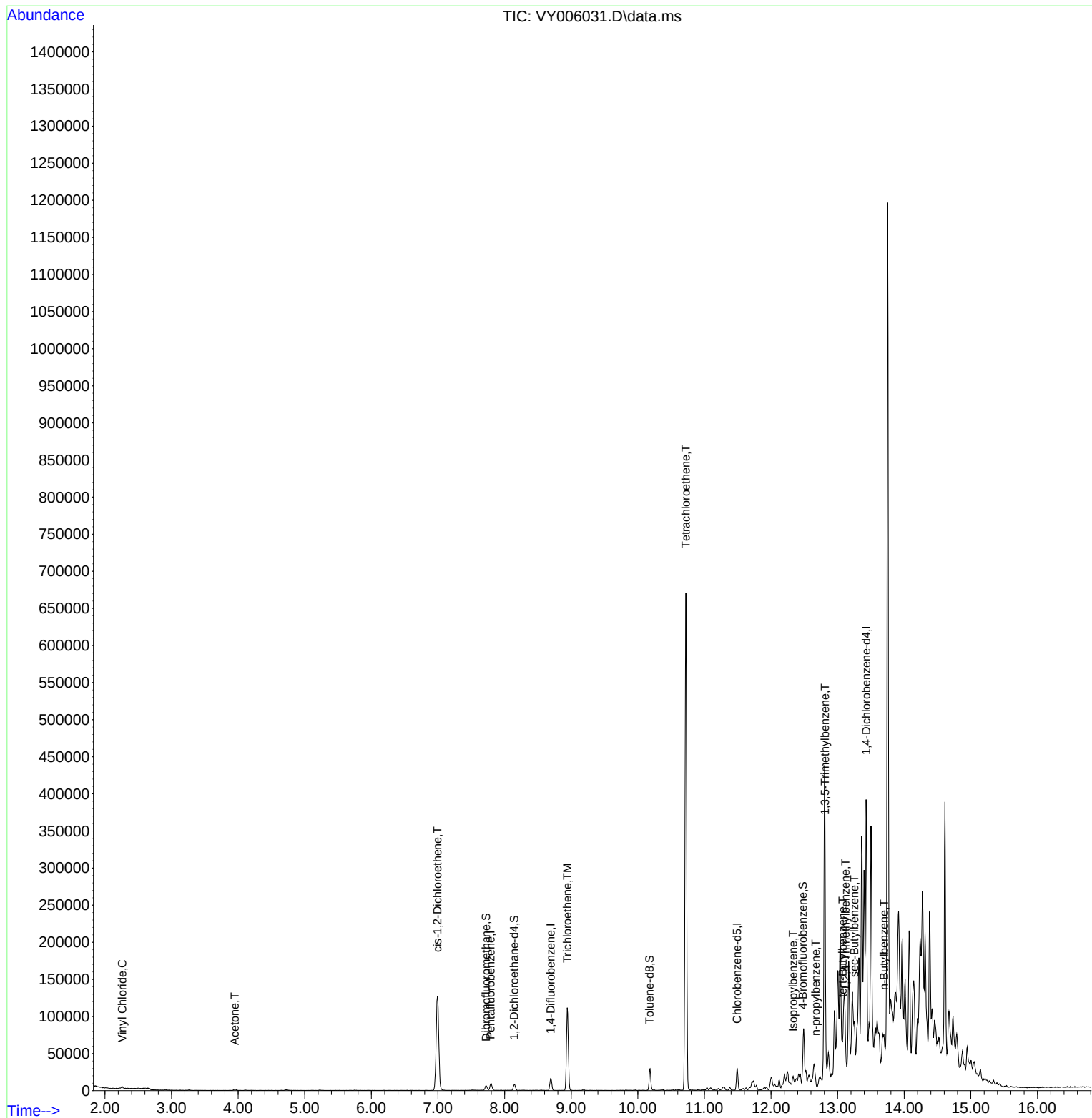
Internal Standards						
1) Pentafluorobenzene	7.789	168	7079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	14509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6668	67.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.620%	
35) Dibromofluoromethane	7.722	113	4245	50.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.260%	
50) Toluene-d8	10.179	98	17171	47.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.160%	
62) 4-Bromofluorobenzene	12.477	95	7512	61.307	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 122.620%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.260	62	2186	20.820	ug/l #	88
16) Acetone	3.948	43	2683	99.480	ug/l #	83
27) cis-1,2-Dichloroethene	6.990	96	77699	878.710	ug/l	88
44) Trichloroethene	8.941	130	37324	354.952	ug/l	97
64) Tetrachloroethene	10.721	164	138811	1169.722	ug/l	98
73) Isopropylbenzene	12.331	105	6634	10.865	ug/l	97
78) n-propylbenzene	12.672	91	4075	5.394	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1274	2.516	ug/l	100
83) tert-Butylbenzene	13.075	119	7129	16.461	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	4818	9.590	ug/l	98
85) sec-Butylbenzene	13.251	105	21193	32.689	ug/l #	70
89) n-Butylbenzene	13.696	91	9912	19.150	ug/l #	75

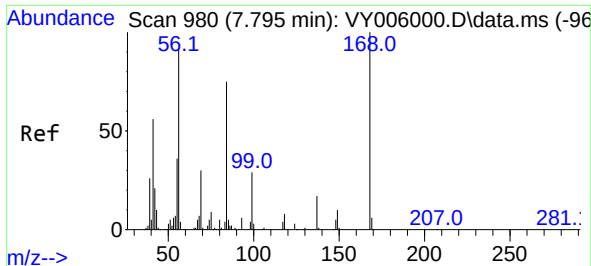
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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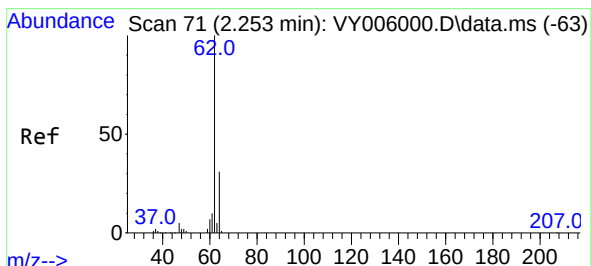
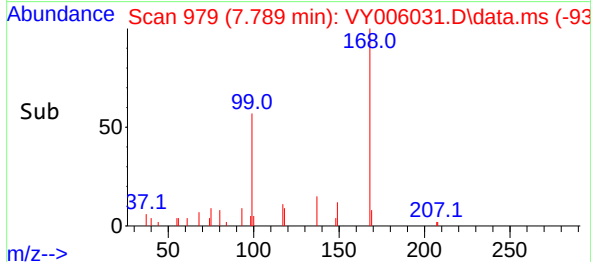
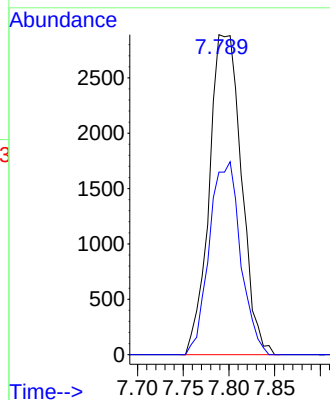
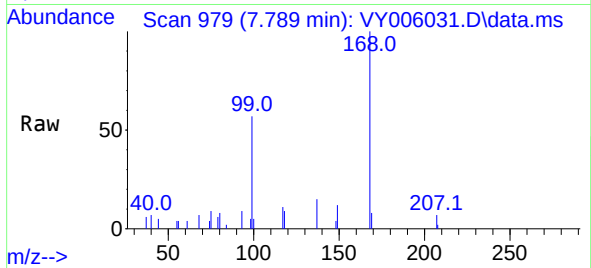




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

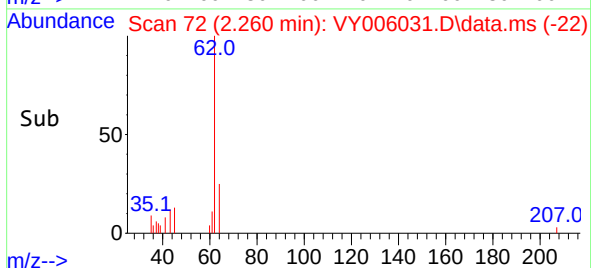
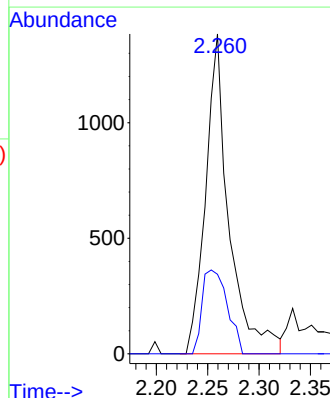
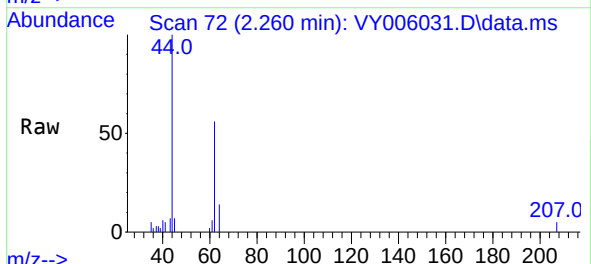
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MSVOA_Y
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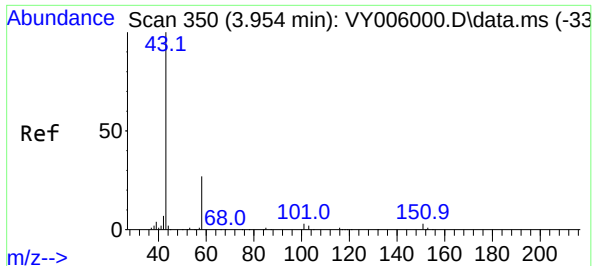
Tgt Ion:168 Resp: 7079
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#4
Vinyl Chloride
Concen: 20.820 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion: 62 Resp: 2186
Ion Ratio Lower Upper
62 100
64 24.9 25.0 37.6#

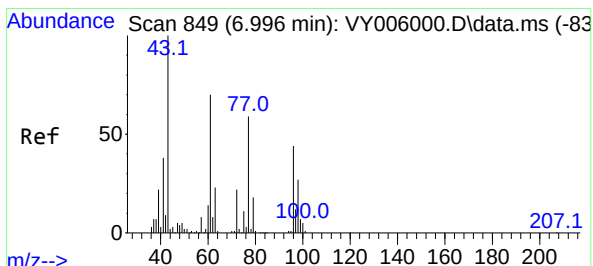
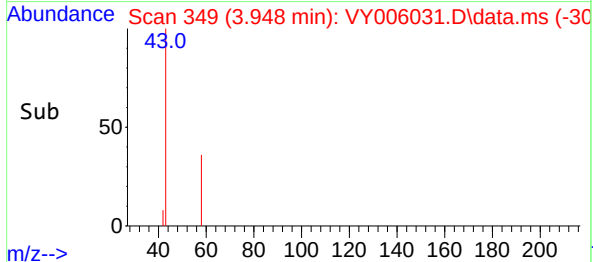
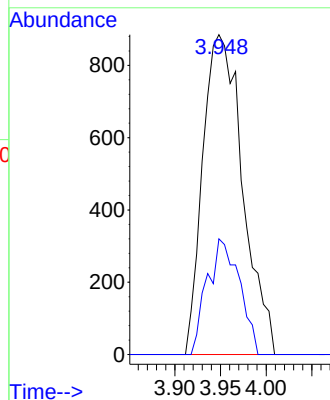
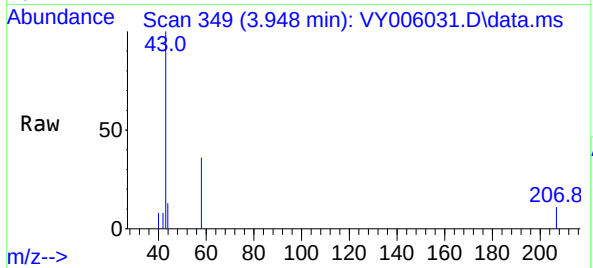




#16
Acetone
Concen: 99.480 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

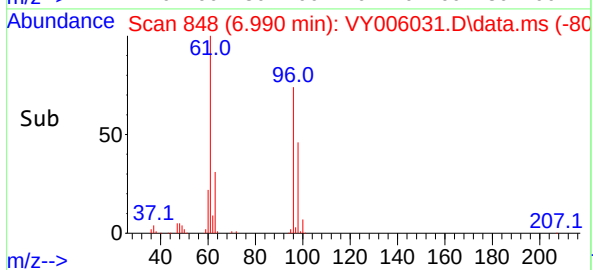
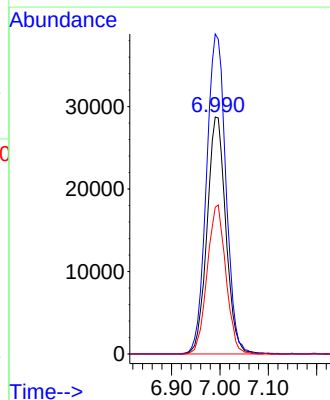
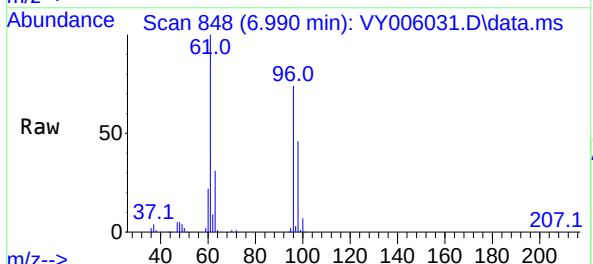
Instrument :
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ClientSampleId :
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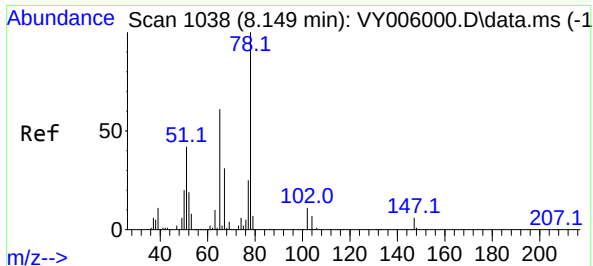
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
58 36.2 22.0 33.0#



#27
cis-1,2-Dichloroethene
Concen: 878.710 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion: 96 Resp: 77699
Ion Ratio Lower Upper
96 100
61 138.9 0.0 319.8
98 62.4 0.0 127.0

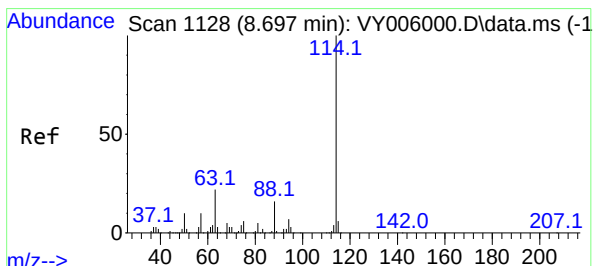
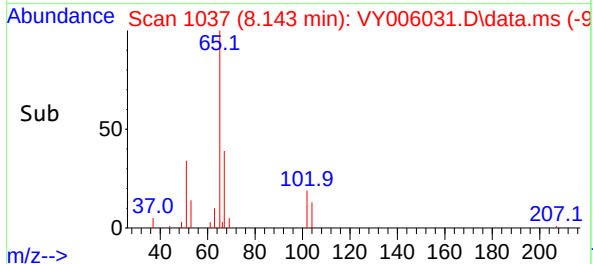
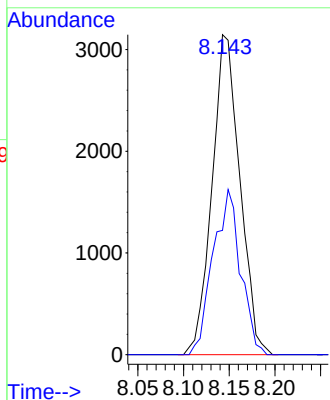
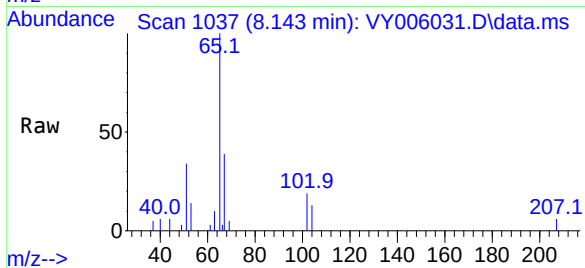




#33
1,2-Dichloroethane-d4
Concen: 67.811 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

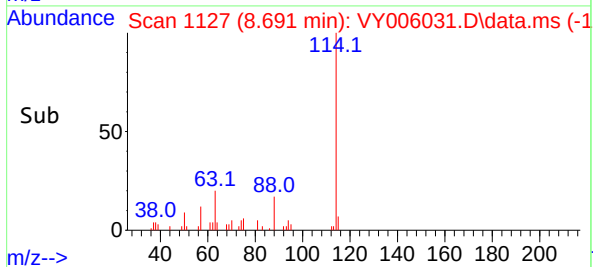
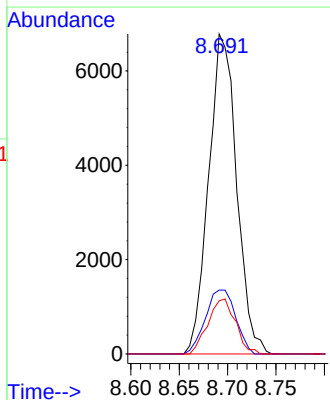
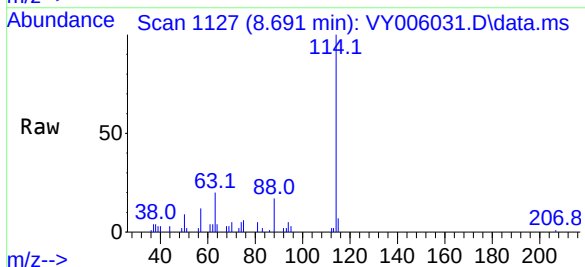
Instrument :
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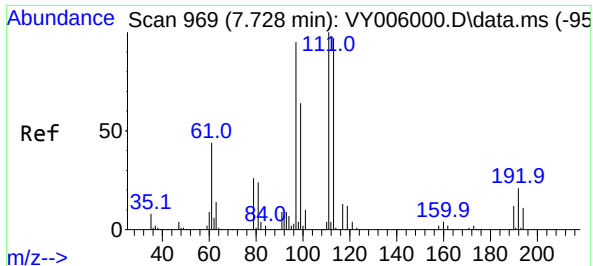
Tgt Ion: 65 Resp: 6668
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion: 114 Resp: 13633
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 16.6 0.0 31.8

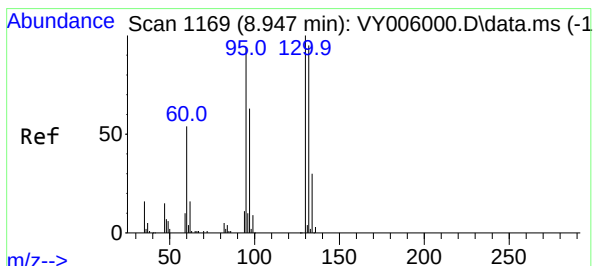
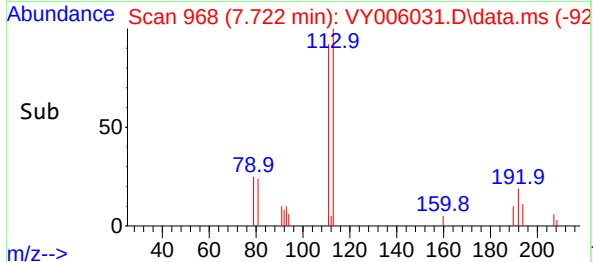
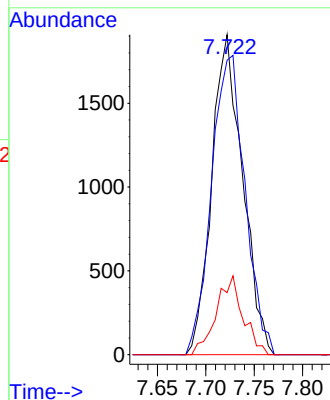
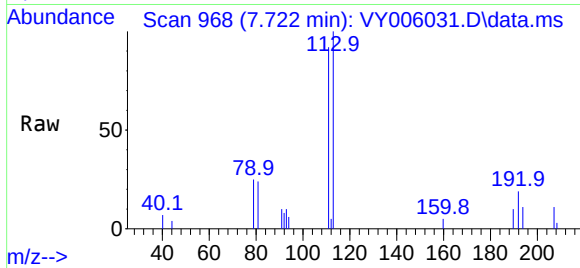




#35
Dibromofluoromethane
Concen: 50.132 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

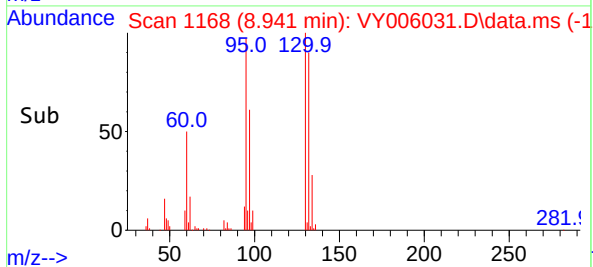
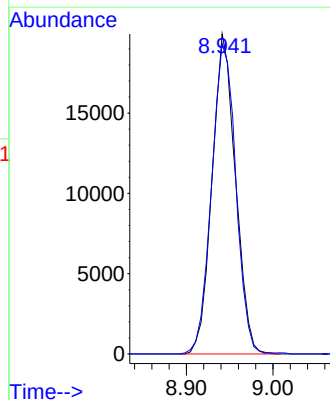
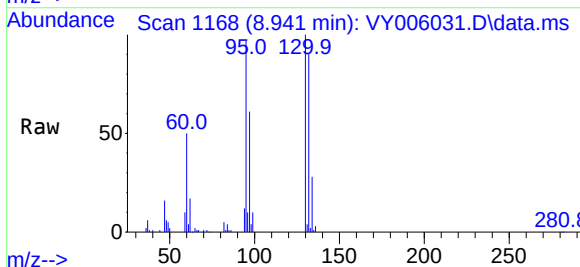
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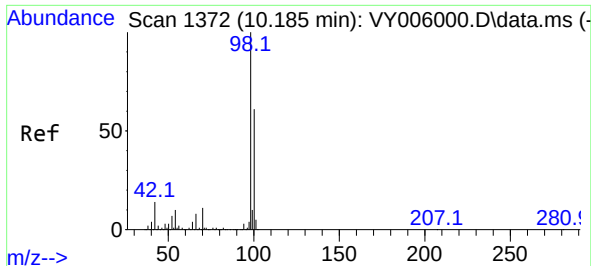
Tgt Ion:	113	Resp:	4245
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	124.0
192	21.4	17.6	26.4



#44
Trichloroethene
Concen: 354.952 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion:	130	Resp:	37324
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	188.2

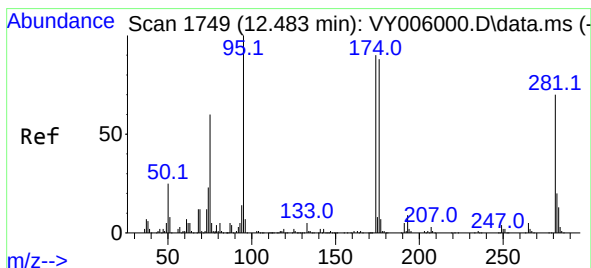
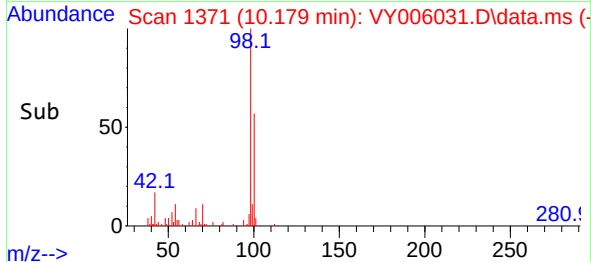
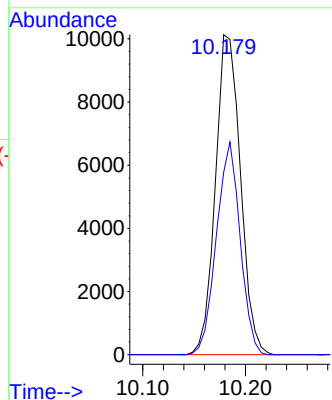
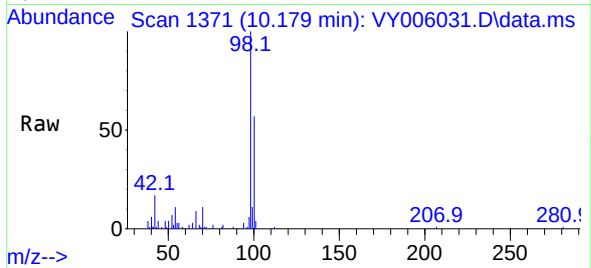




#50
Toluene-d8
Concen: 47.579 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

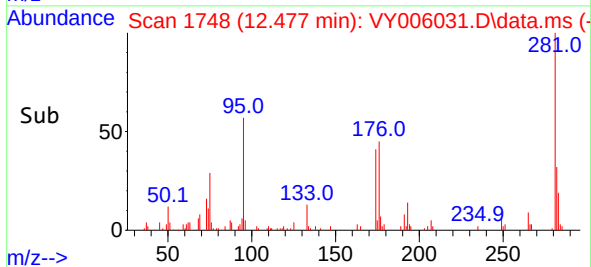
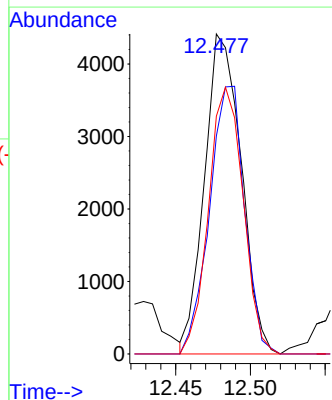
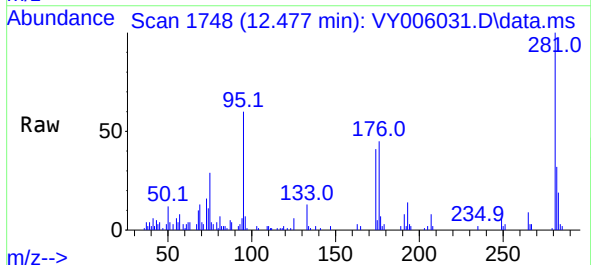
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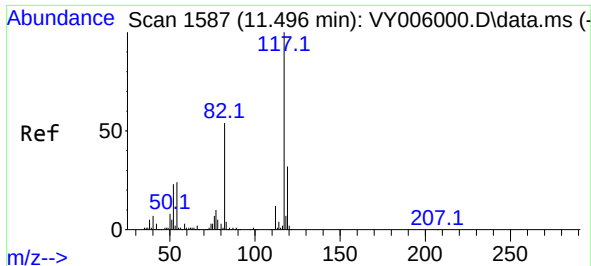
Tgt Ion: 98 Resp: 17171
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 61.307 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion: 95 Resp: 7512
Ion Ratio Lower Upper
95 100
174 80.4 0.0 177.0
176 78.8 0.0 175.8

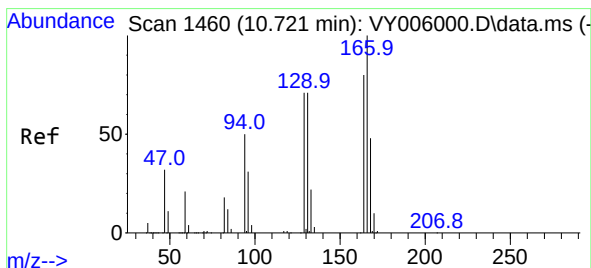
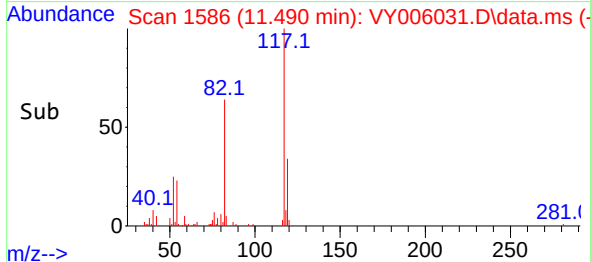
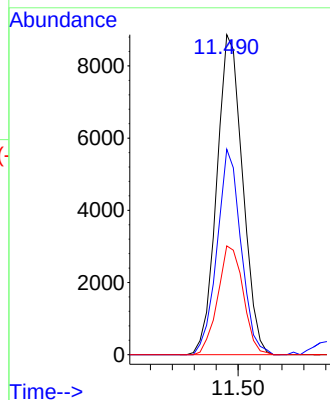
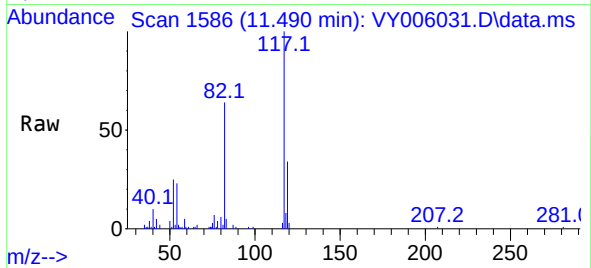




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

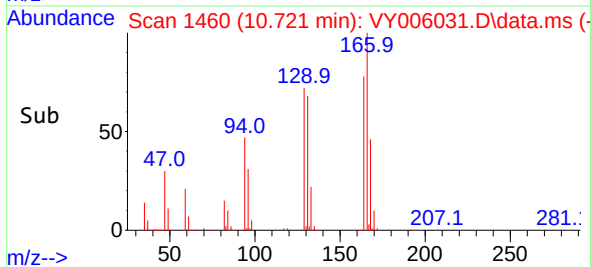
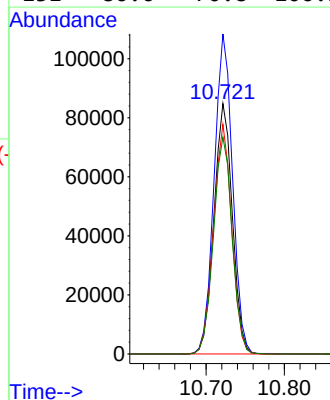
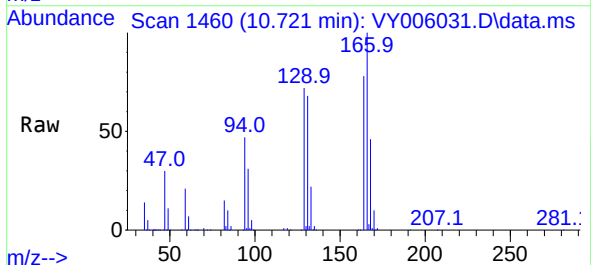
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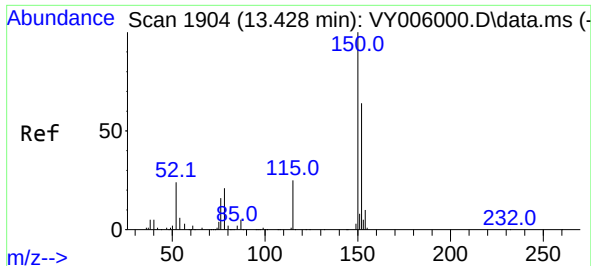
Tgt Ion:	117	Resp:	14509
Ion	Ratio	Lower	Upper
117	100		
82	64.2	43.0	64.4
119	34.0	25.4	38.0



#64
Tetrachloroethene
Concen: 1169.722 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion:	164	Resp:	138811
Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.4	150.6
129	91.7	71.4	107.0
131	86.6	70.8	106.2

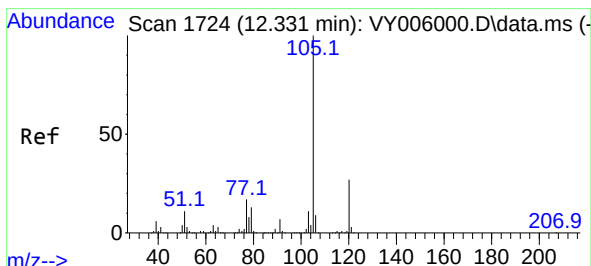
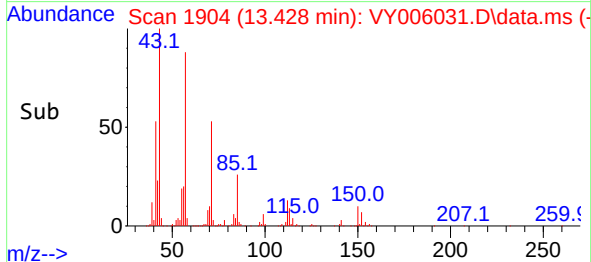
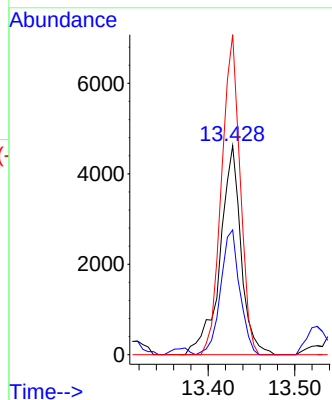
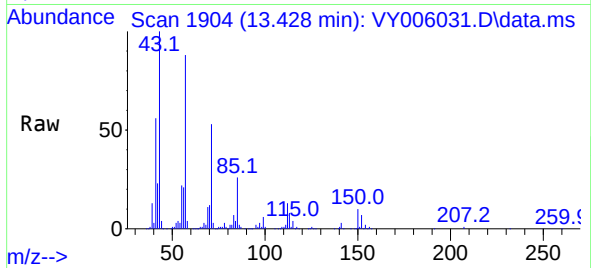




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

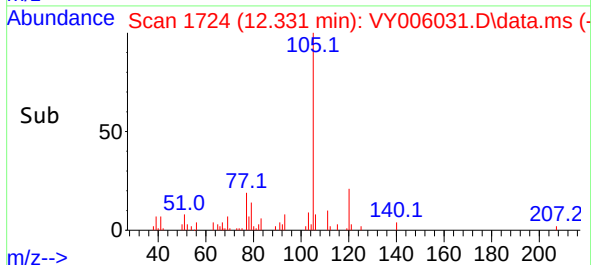
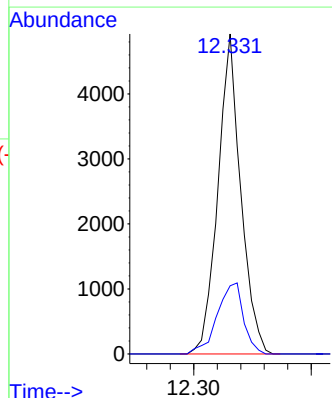
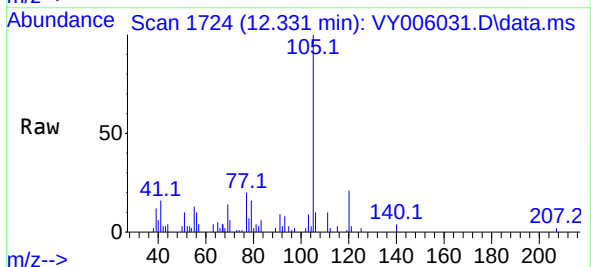
Instrument :
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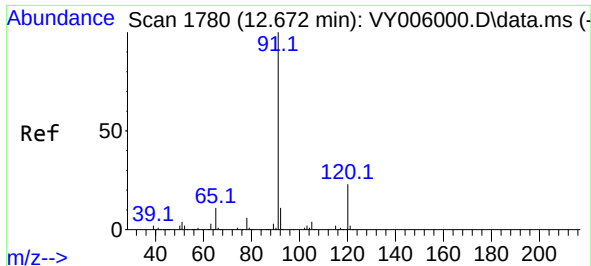
Tgt Ion:152 Resp: 7797
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 135.0 0.0 347.6



#73
Isopropylbenzene
Concen: 10.865 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion:105 Resp: 6634
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.2

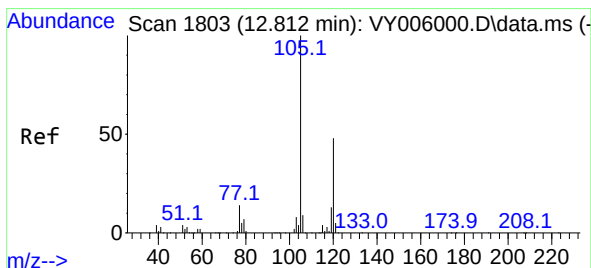
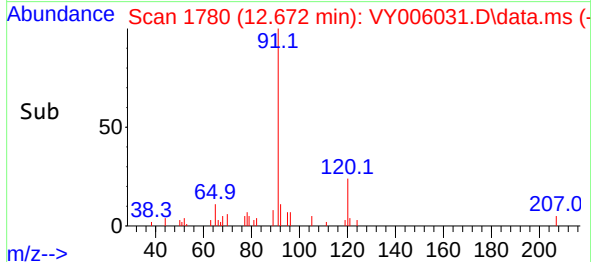
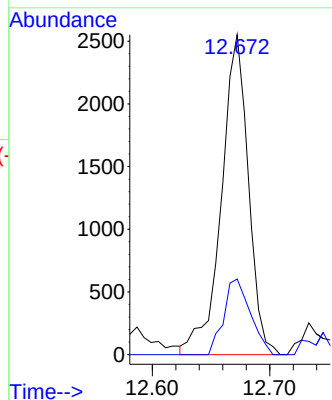
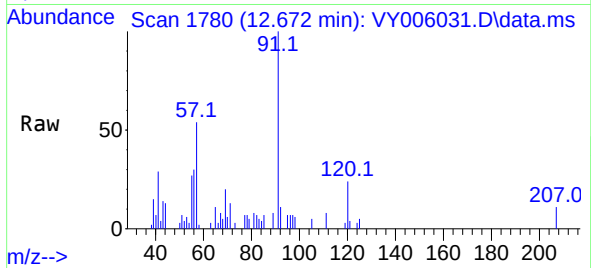




#78
n-propylbenzene
Concen: 5.394 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

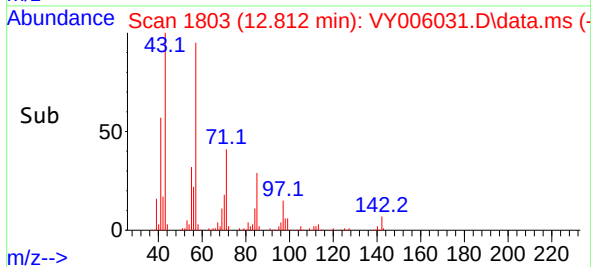
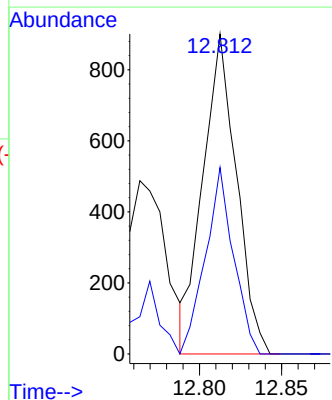
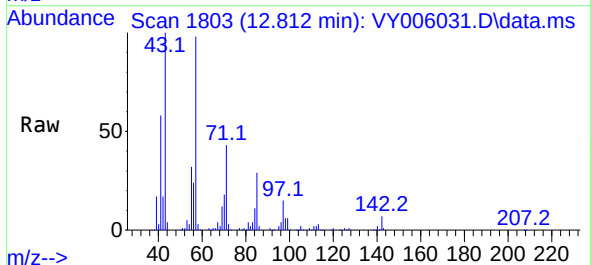
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-01-(8-10)-END-POINT

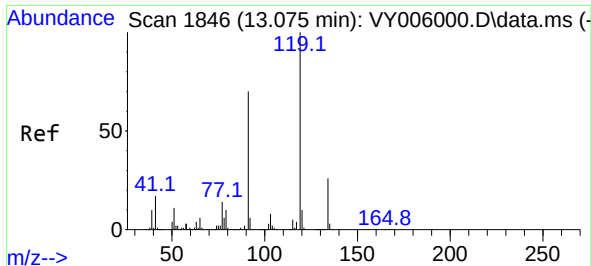
Tgt Ion: 91 Resp: 4075
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 2.516 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion: 105 Resp: 1274
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.4

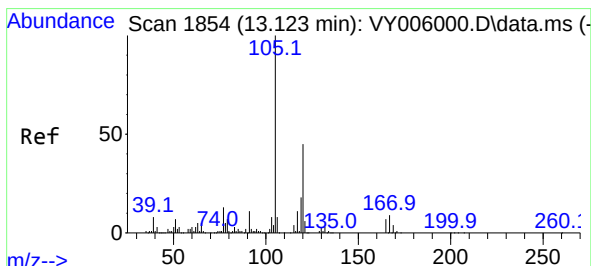
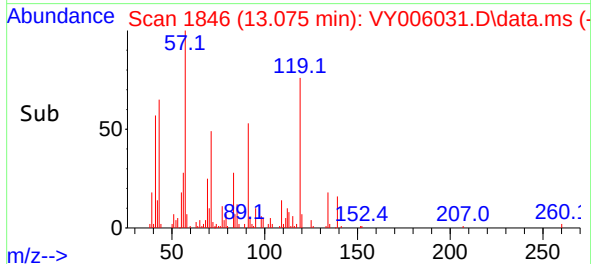
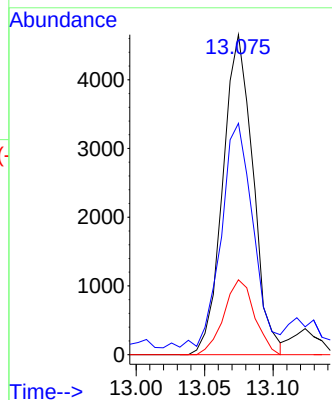
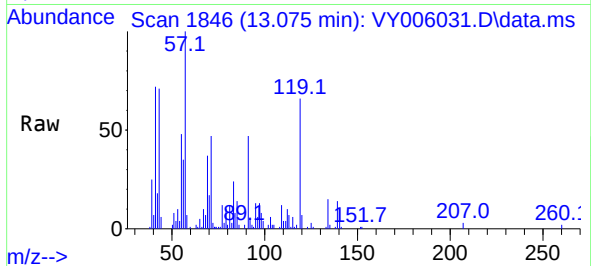




#83
tert-Butylbenzene
Concen: 16.461 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

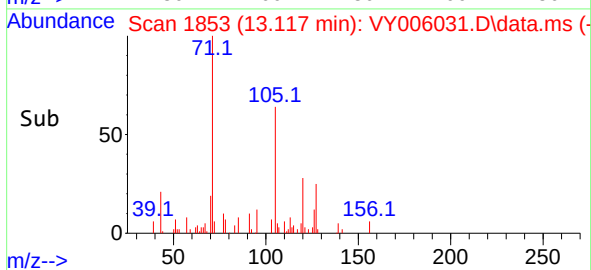
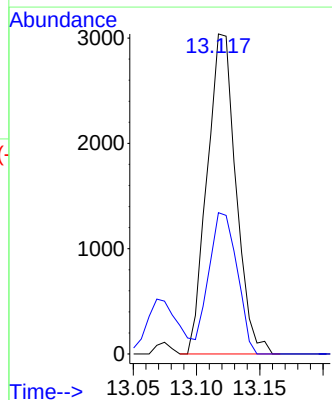
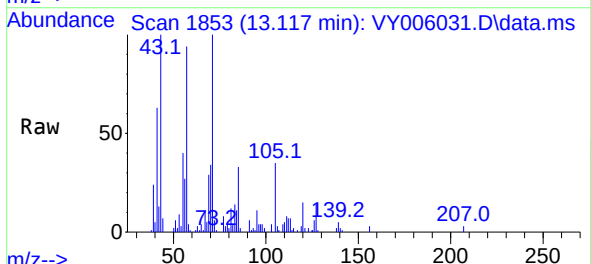
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-01-(8-10)-END-POINT

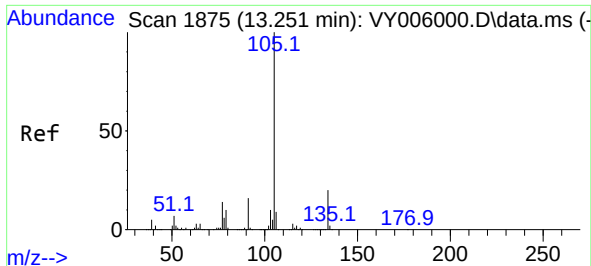
Tgt Ion:	119	Resp:	7129
Ion	Ratio	Lower	Upper
119	100		
91	74.1	34.8	104.4
134	23.7	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 9.590 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion:	105	Resp:	4818
Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.3	66.9

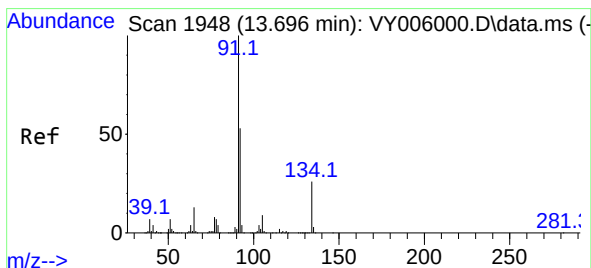
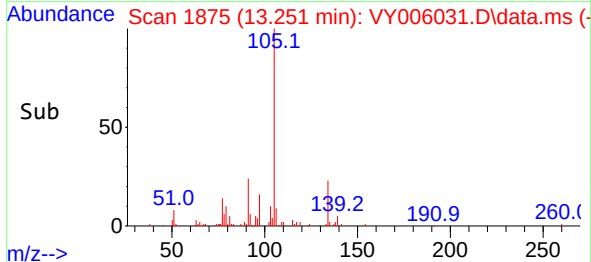
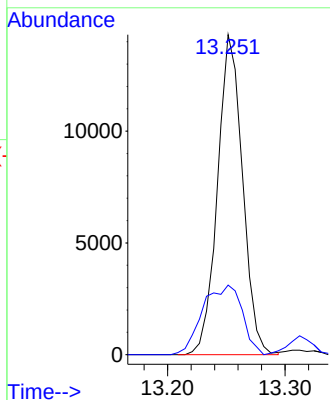
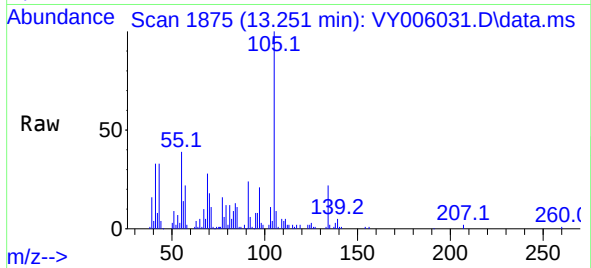




#85
sec-Butylbenzene
Concen: 32.689 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-01-(8-10)-END-POINT

Tgt Ion:105 Resp: 21193
Ion Ratio Lower Upper
105 100
134 34.3 10.2 30.4#



#89
n-Butylbenzene
Concen: 19.150 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006031.D
Acq: 15 Sep 2021 18:00

Tgt Ion: 91 Resp: 9912
Ion Ratio Lower Upper
91 100
92 44.2 26.3 78.9
134 0.0 13.0 38.9#

