

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006025.D
 Acq On : 15 Sep 2021 15:41
 Operator : SY/MD
 Sample : M3733-05
 Misc : 5.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NAPL-AREA-01-(18-20)

Quant Time: Sep 16 01:23:11 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)

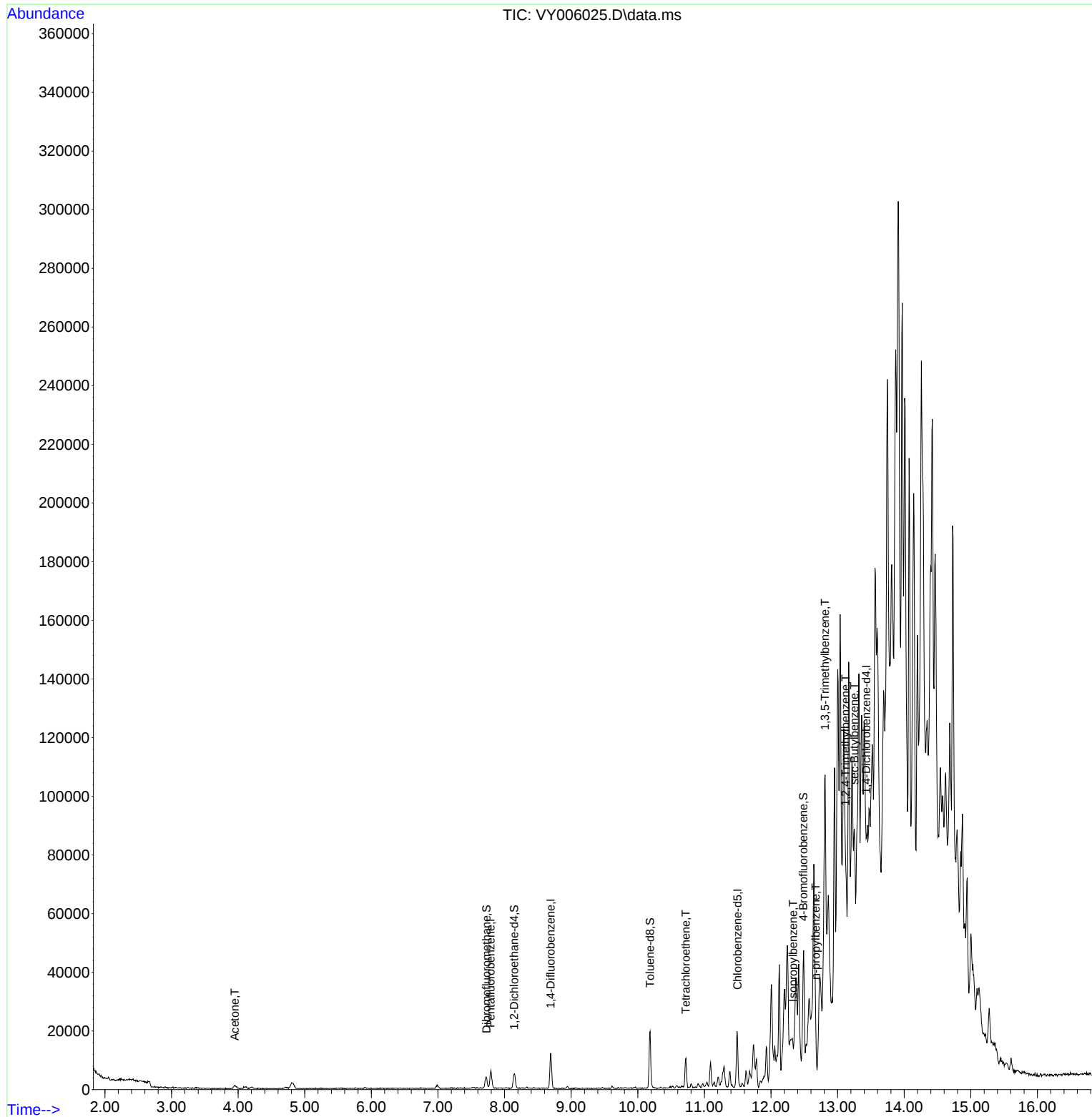
Internal Standards						
1) Pentafluorobenzene	7.789	168	4657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4420	68.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.660%
35) Dibromofluoromethane	7.728	113	2584	46.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.880%
50) Toluene-d8	10.185	98	11578	48.818	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.483	95	5139	63.821	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.640%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	1897	106.917	ug/l #	89
64) Tetrachloroethene	10.721	164	1971	25.372	ug/l #	86
73) Isopropylbenzene	12.331	105	1066	1.969	ug/l	98
78) n-propylbenzene	12.672	91	6117	9.132	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	3853	8.581	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	9904	22.232	ug/l	100
85) sec-Butylbenzene	13.251	105	6495	11.298	ug/l #	63

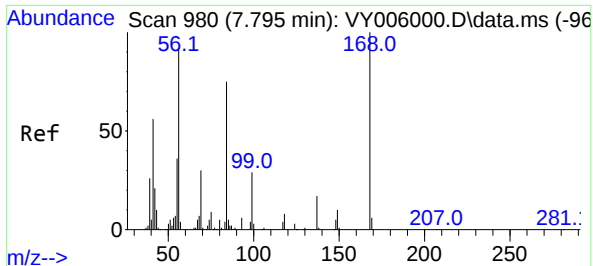
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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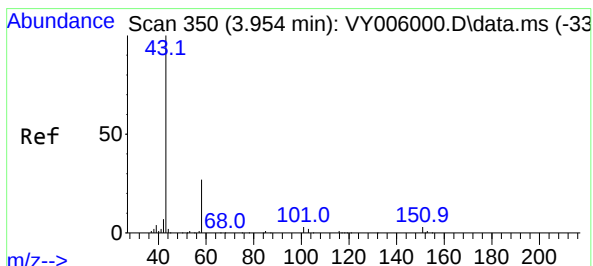
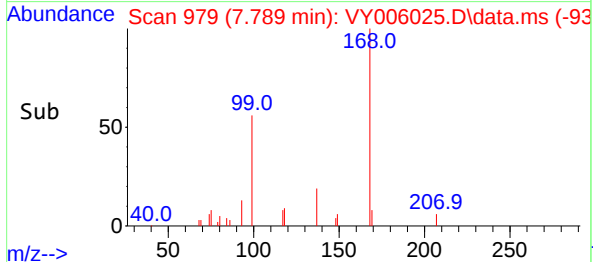
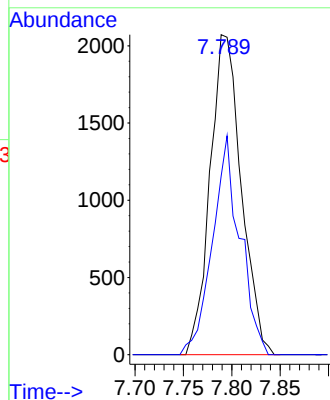
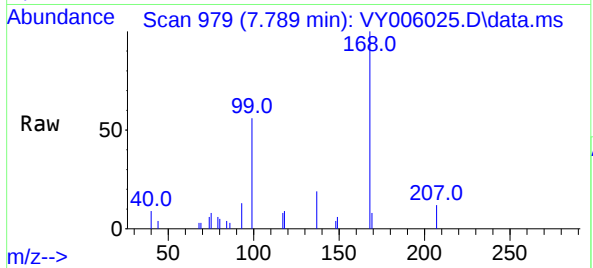




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

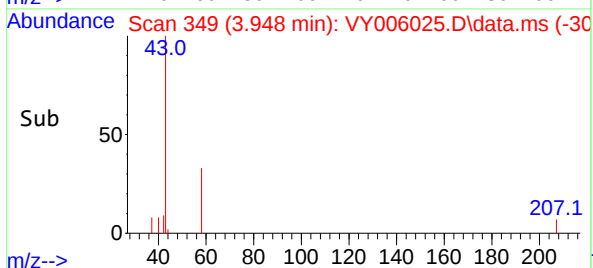
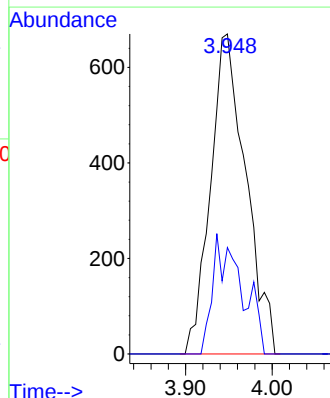
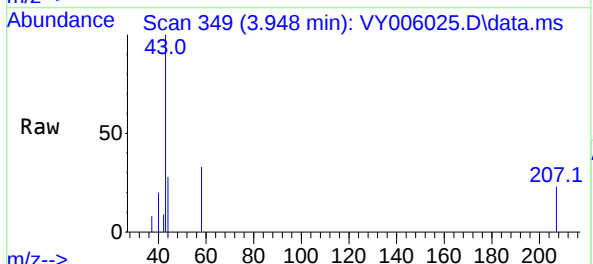
Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-01-(18-20)

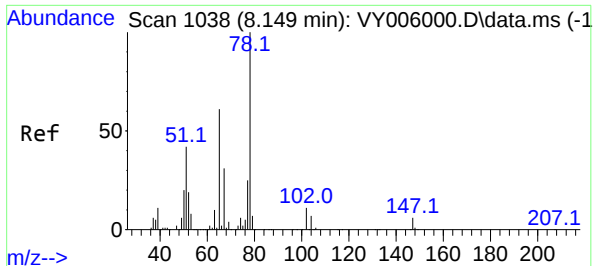
Tgt Ion:168 Resp: 4657
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#16
Acetone
Concen: 106.917 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Tgt Ion: 43 Resp: 1897
Ion Ratio Lower Upper
43 100
58 33.3 22.0 33.0#

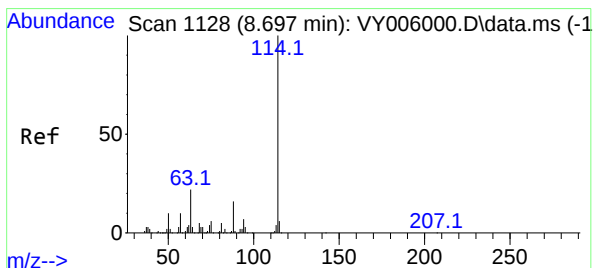
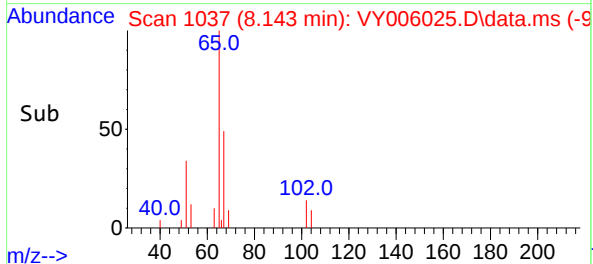
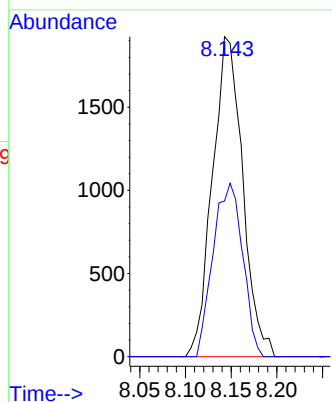
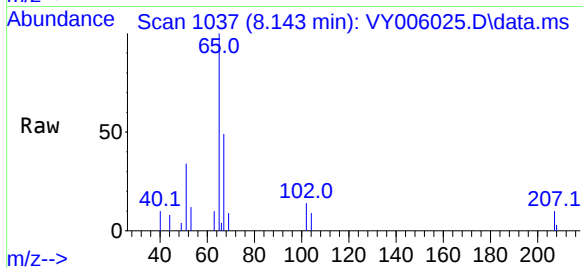




#33
 1,2-Dichloroethane-d4
 Concen: 68.328 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY006025.D
 Acq: 15 Sep 2021 15:41

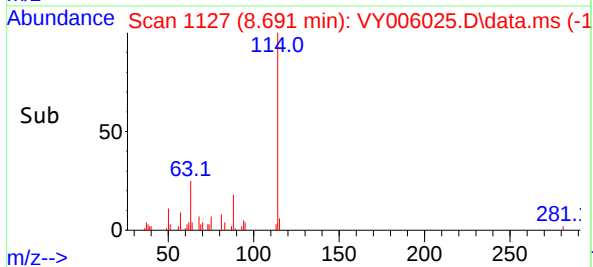
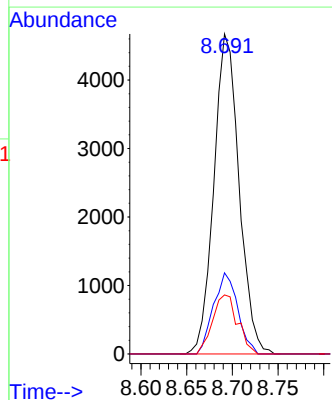
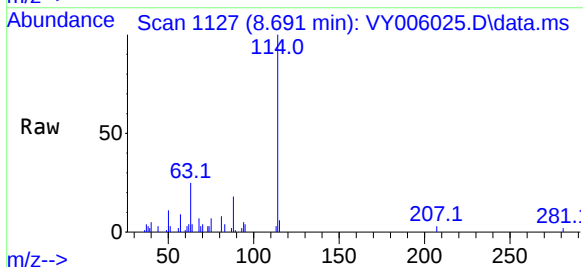
Instrument :
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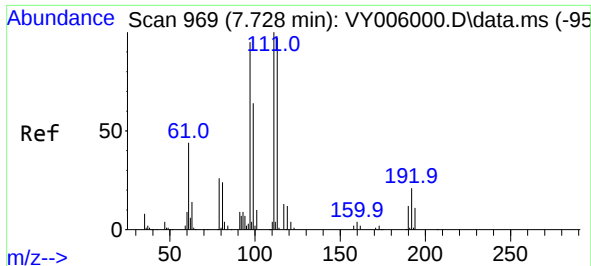
Tgt Ion: 65 Resp: 4420
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY006025.D
 Acq: 15 Sep 2021 15:41

Tgt Ion: 114 Resp: 8959
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 43.2
 88 18.5 0.0 31.8

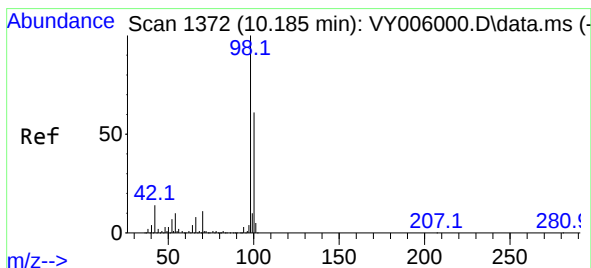
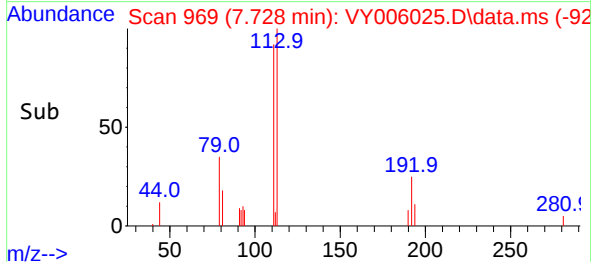
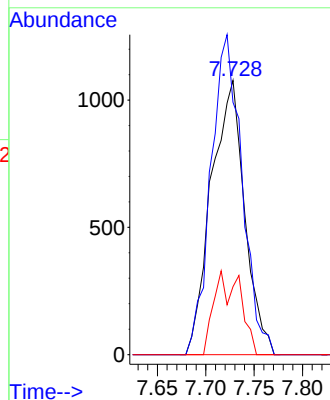
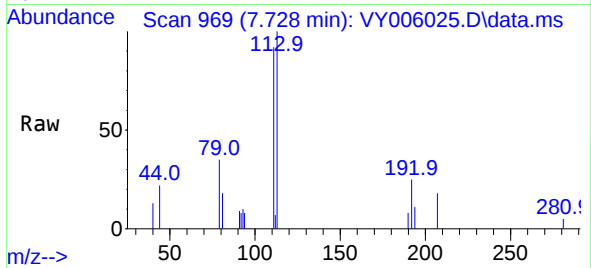




#35
Dibromofluoromethane
Concen: 46.436 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

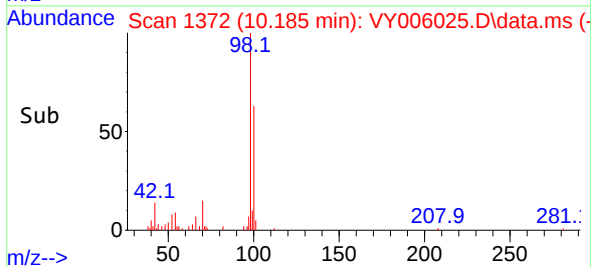
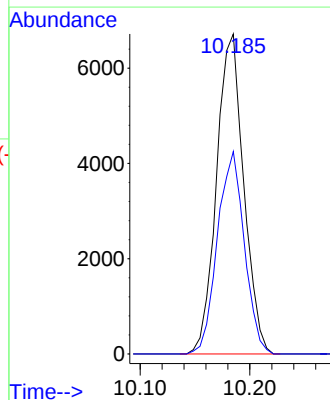
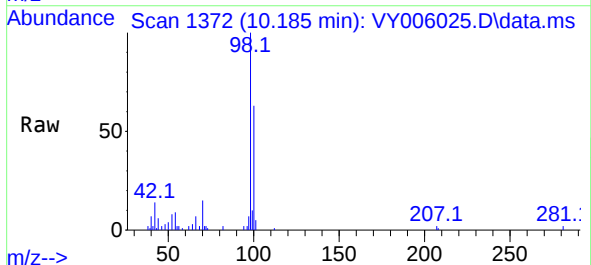
Instrument :
MSVOA_Y
ClientSampleId :
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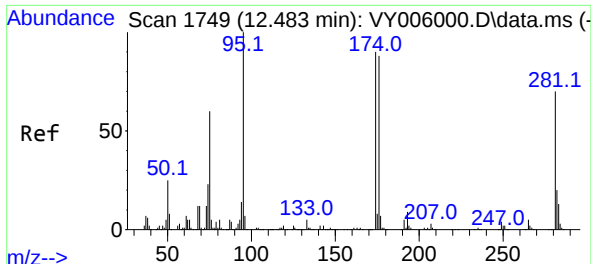
Tgt Ion:	113	Resp:	2584
Ion	Ratio	Lower	Upper
113	100		
111	108.5	82.6	124.0
192	24.1	17.6	26.4



#50
Toluene-d8
Concen: 48.818 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Tgt Ion:	98	Resp:	11578
Ion	Ratio	Lower	Upper
98	100		
100	62.5	50.2	75.2

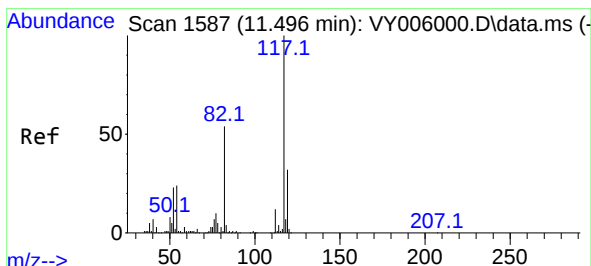
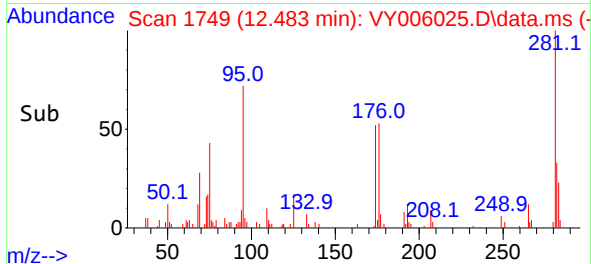
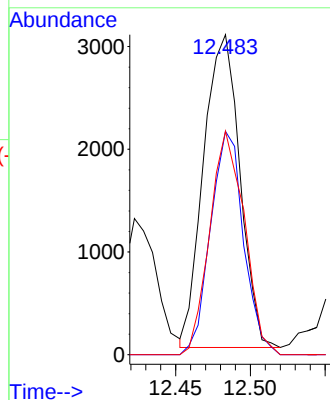
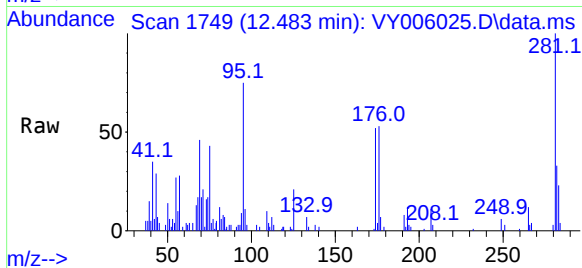




#62
4-Bromofluorobenzene
Concen: 63.821 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

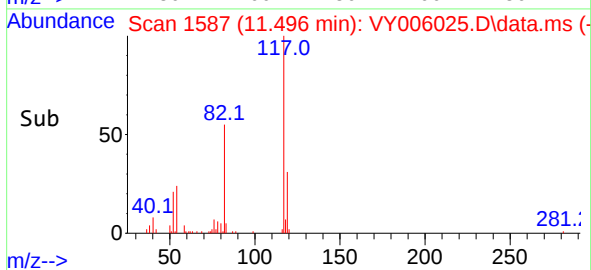
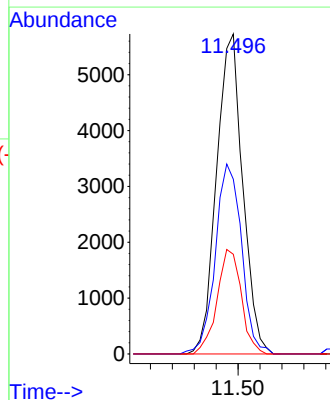
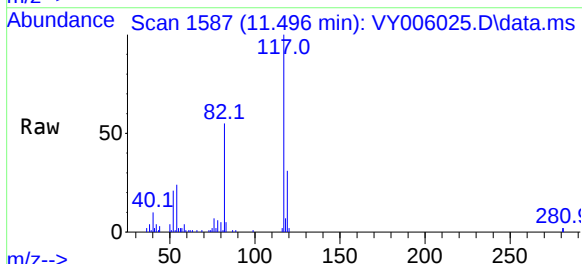
Instrument :
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ClientSampleId :
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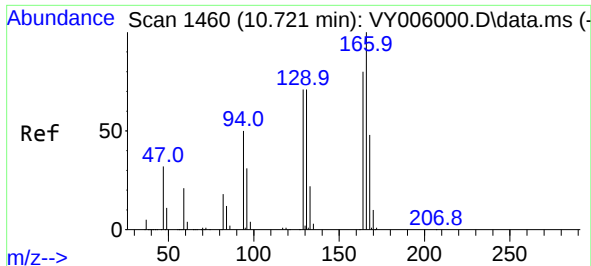
Tgt Ion:	95	Resp:	5139
Ion Ratio	Lower	Upper	
95	100		
174	65.0	0.0	177.0
176	68.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Tgt Ion:	117	Resp:	9498
Ion Ratio	Lower	Upper	
117	100		
82	54.6	43.0	64.4
119	31.2	25.4	38.0



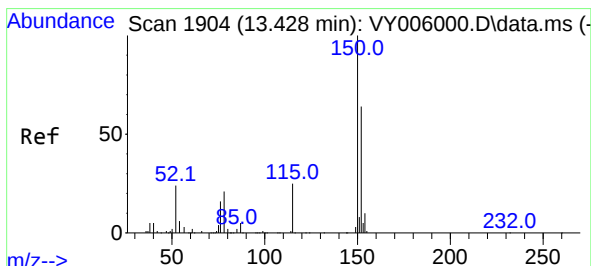
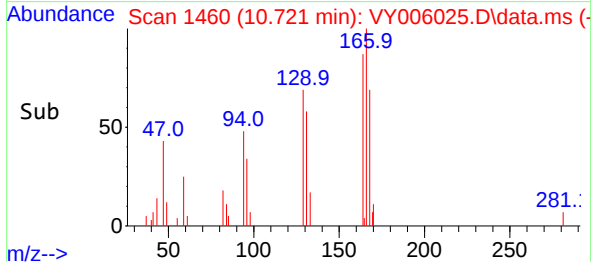
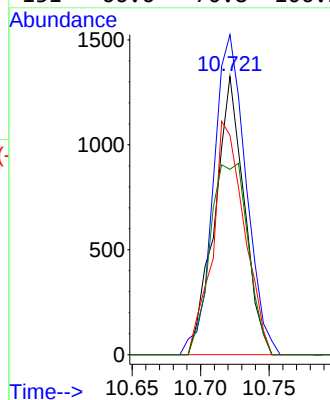
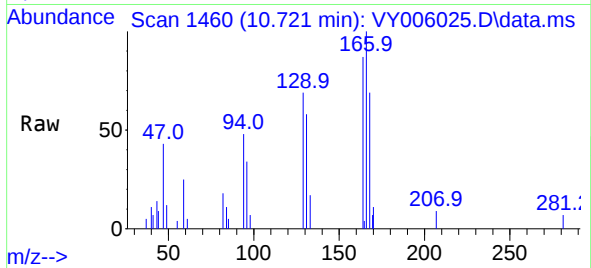


#64
Tetrachloroethene
Concen: 25.372 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-01-(18-20)

Tgt Ion:164 Resp: 1971

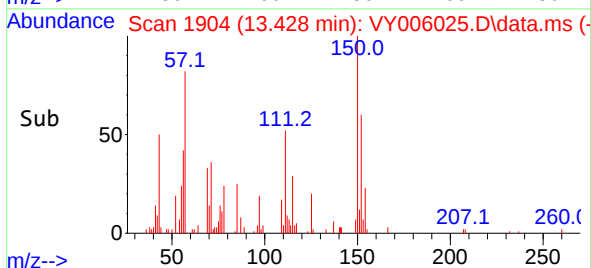
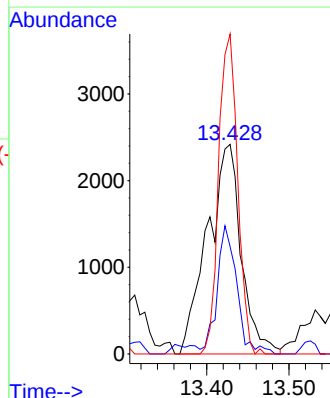
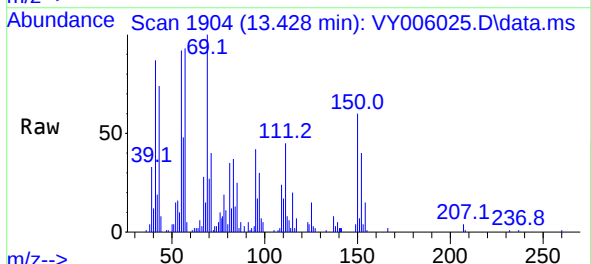
Ion	Ratio	Lower	Upper
164	100		
166	115.0	100.4	150.6
129	78.9	71.4	107.0
131	66.6	70.8	106.2

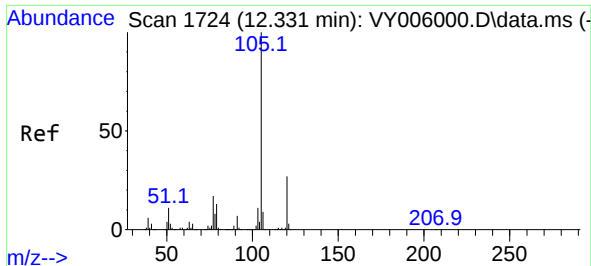


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Tgt Ion:152 Resp: 6914

Ion	Ratio	Lower	Upper
152	100		
115	35.5	28.2	84.7
150	85.8	0.0	347.6

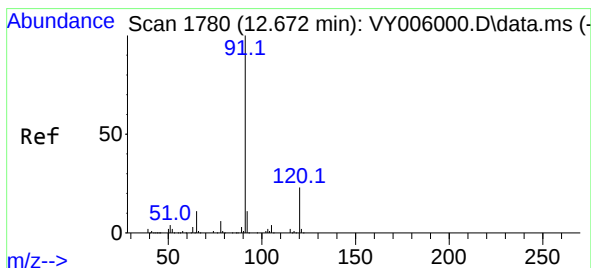
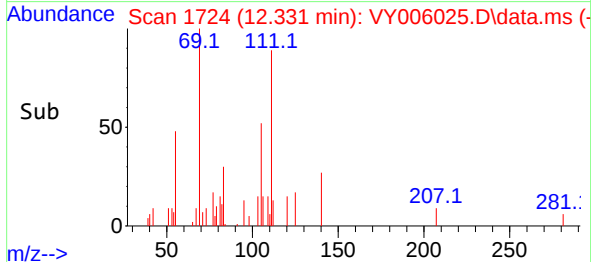
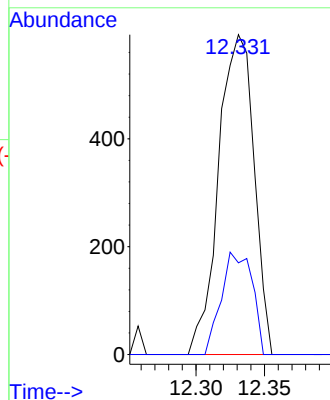
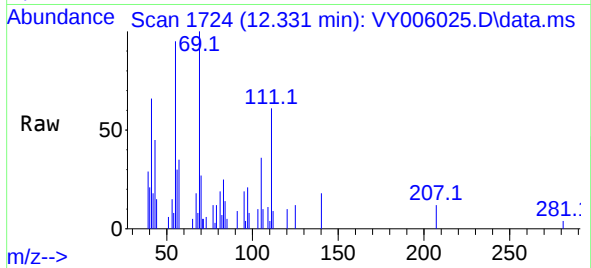




#73
Isopropylbenzene
Concen: 1.969 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

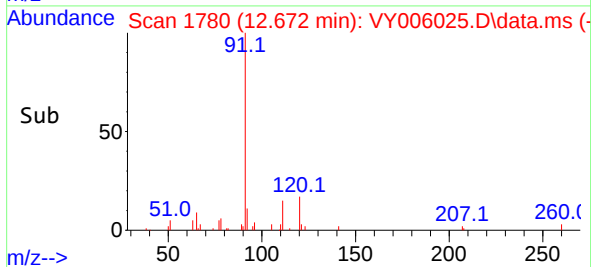
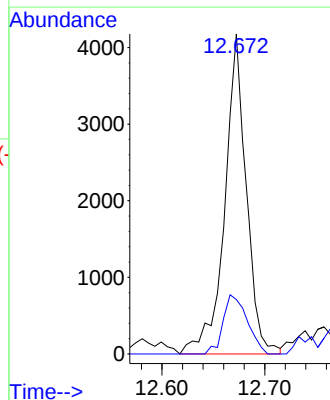
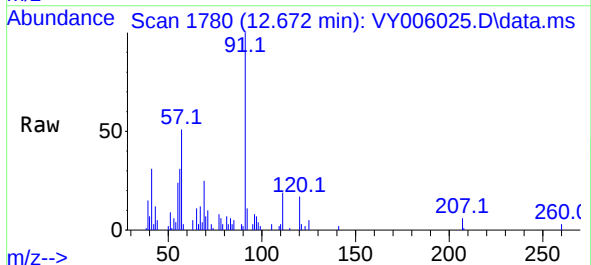
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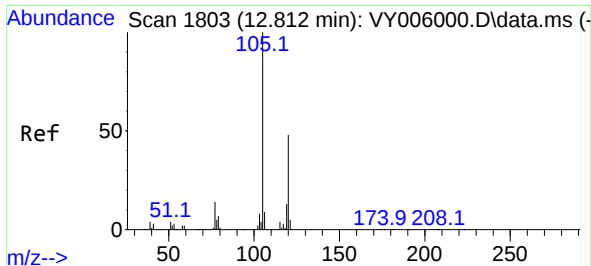
Tgt Ion:105 Resp: 1066
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2



#78
n-propylbenzene
Concen: 9.132 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Tgt Ion: 91 Resp: 6117
Ion Ratio Lower Upper
91 100
120 20.5 11.3 33.9

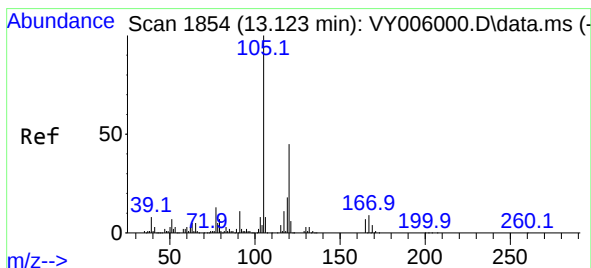
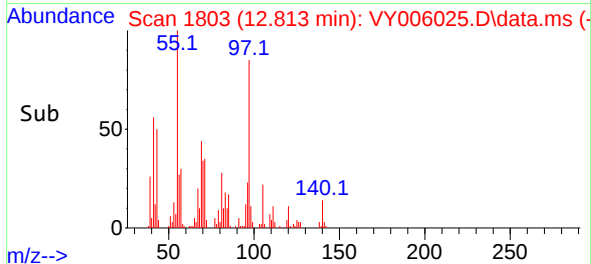
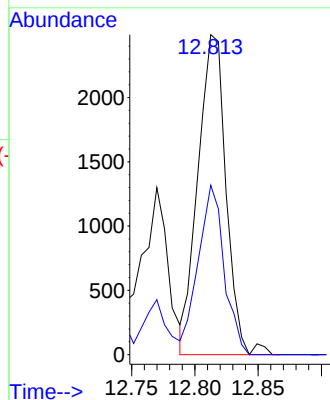
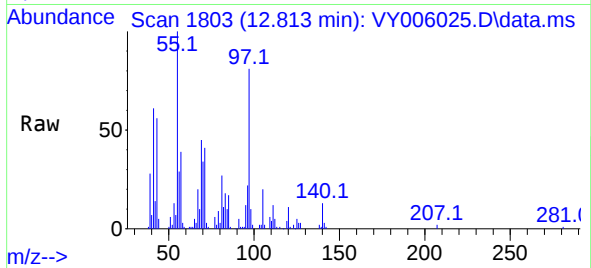




#80
1,3,5-Trimethylbenzene
Concen: 8.581 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

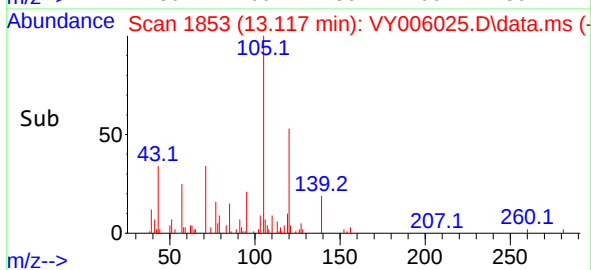
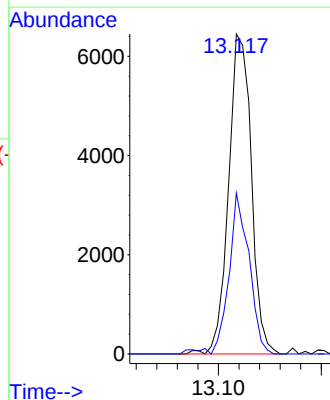
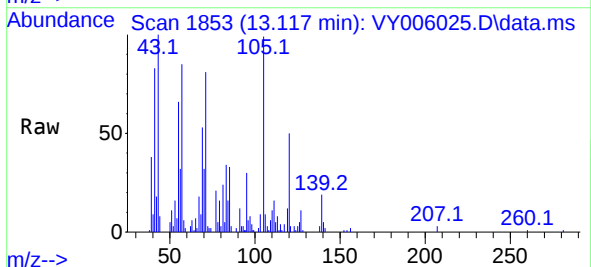
Instrument :
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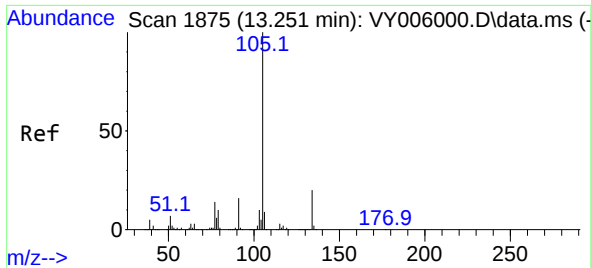
Tgt Ion:105 Resp: 3853
Ion Ratio Lower Upper
105 100
120 48.9 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 22.232 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Tgt Ion:105 Resp: 9904
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.9





#85
sec-Butylbenzene
Concen: 11.298 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY006025.D
Acq: 15 Sep 2021 15:41

Instrument :
MSVOA_Y
ClientSampleId :
NAPL-AREA-01-(18-20)

Tgt Ion:105 Resp: 6495
Ion Ratio Lower Upper
105 100
134 37.4 10.2 30.4#

