

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087786.D
 Acq On : 10 Sep 2025 17:11
 Operator : JC\MD
 Sample : Q3045-05DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DNAPL-OILDL

Quant Time: Sep 11 02:07:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

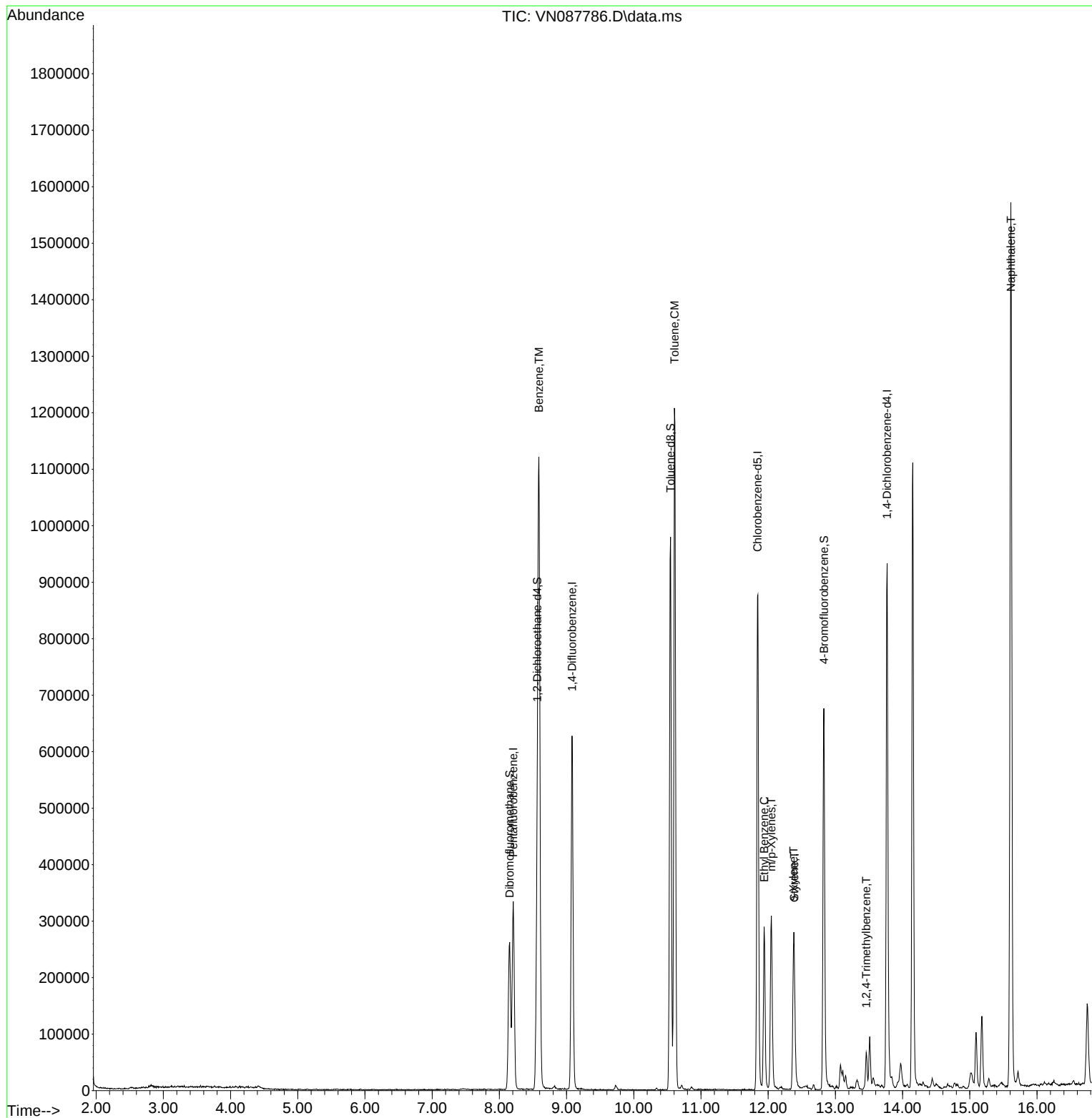
Internal Standards						
1) Pentafluorobenzene	8.206	168	222850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	513405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	495256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	246225	53.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.860%	
35) Dibromofluoromethane	8.153	113	186328	50.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.540%	
50) Toluene-d8	10.547	98	658805	47.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.980%	
62) 4-Bromofluorobenzene	12.829	95	242033	49.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.100%	
Target Compounds						
					Qvalue	
40) Benzene	8.588	78	1074489	61.604	ug/l	100
52) Toluene	10.606	92	517351	47.846	ug/l	99
67) Ethyl Benzene	11.941	91	216607	10.154	ug/l	100
68) m/p-Xylenes	12.047	106	98917	12.643	ug/l	94
69) o-Xylene	12.376	106	56595	7.381	ug/l	93
70) Styrene	12.388	104	83769	6.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	36959	2.185	ug/l	97
95) Naphthalene	15.611	128	1404049	75.234	ug/l	100

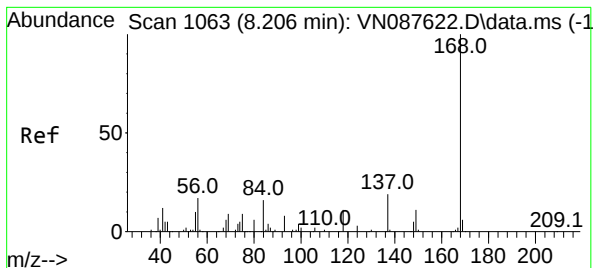
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087786.D
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Sample : Q3045-05DL 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Sep 11 02:07:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

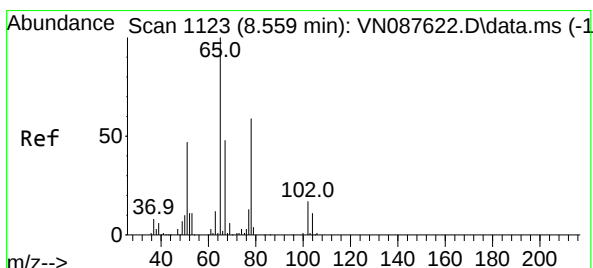
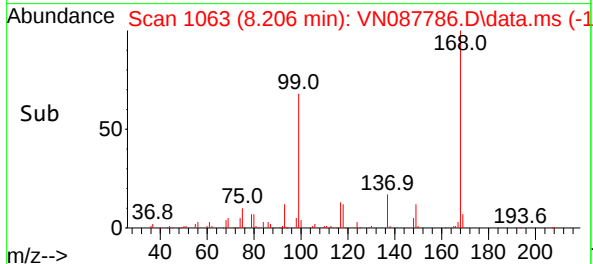
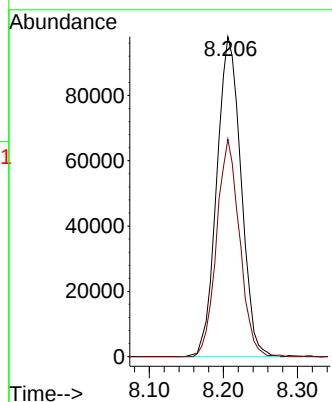
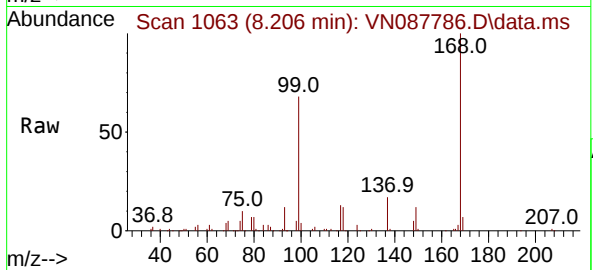




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

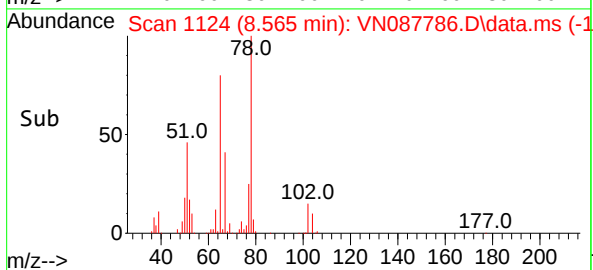
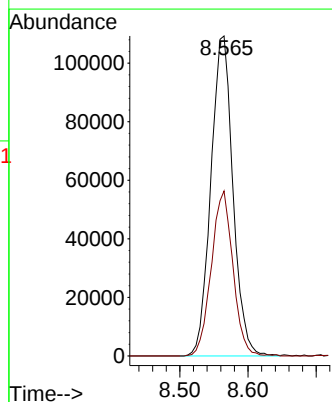
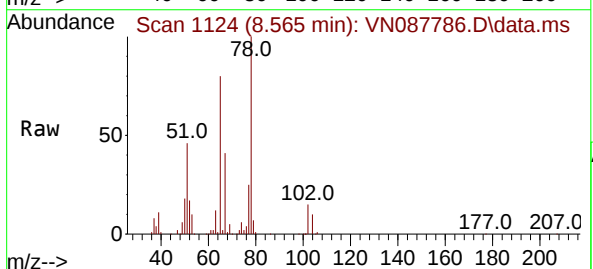
Instrument :
MSVOA_N
ClientSampleId :
DNAPL-OILDL

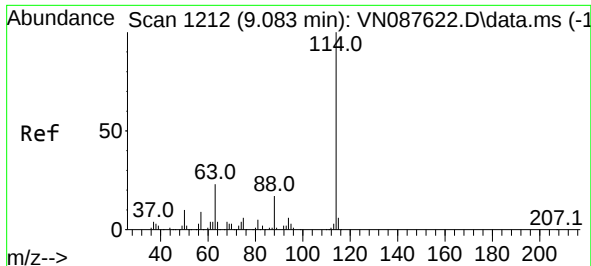
Tgt Ion:168 Resp: 222850
Ion Ratio Lower Upper
168 100
99 68.0 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 53.926 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

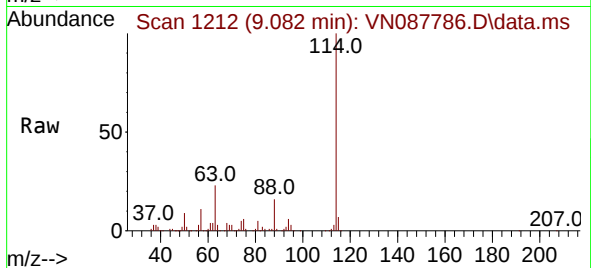
Tgt Ion: 65 Resp: 246225
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.0



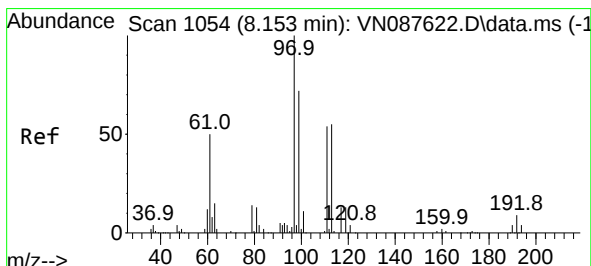
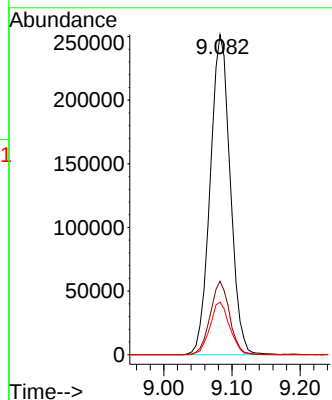
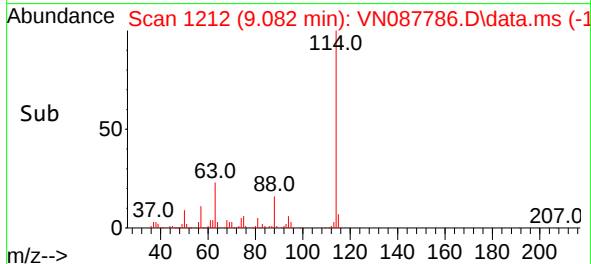


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
DNAPL-OILDL

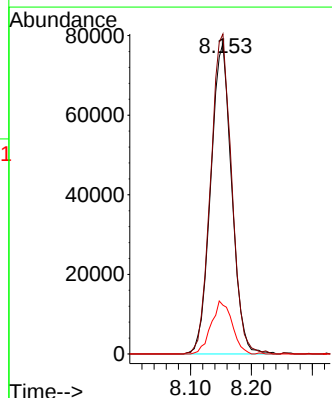
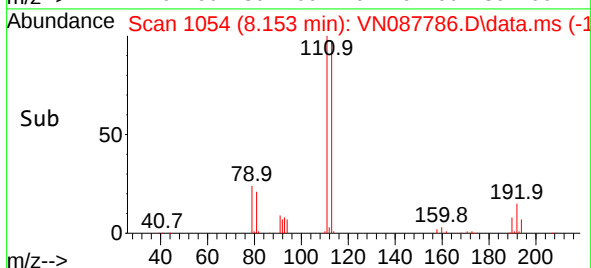
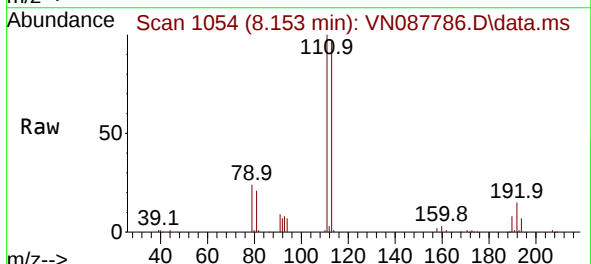


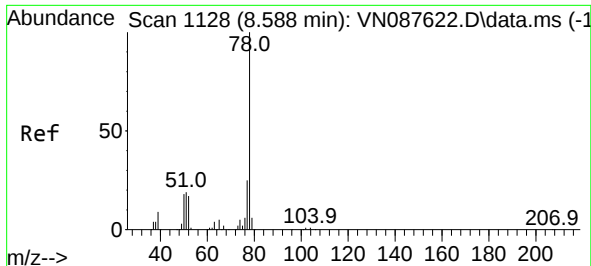
Tgt Ion:114 Resp: 513405
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.2
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.267 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Tgt Ion:113 Resp: 186328
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 17.0 12.8 19.2

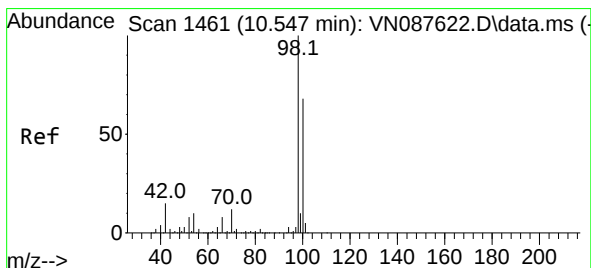
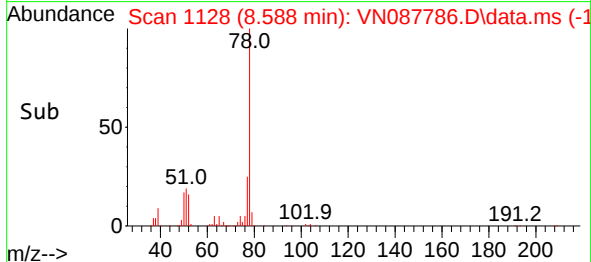
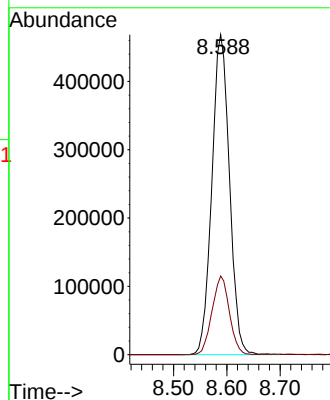
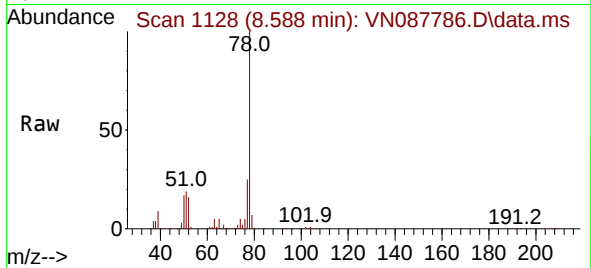




#40
Benzene
Concen: 61.604 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

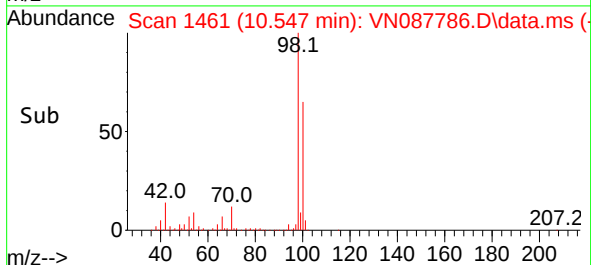
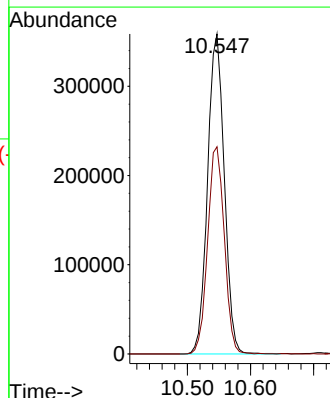
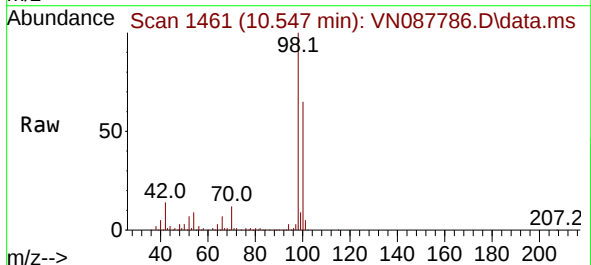
Instrument :
MSVOA_N
ClientSampleId :
DNAPL-OILDL

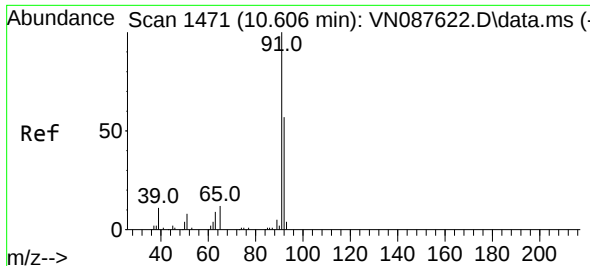
Tgt Ion: 78 Resp: 1074489
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5



#50
Toluene-d8
Concen: 47.486 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Tgt Ion: 98 Resp: 658805
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2

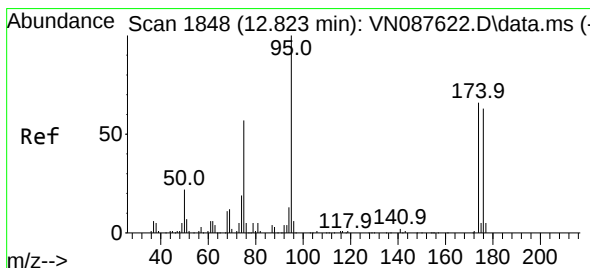
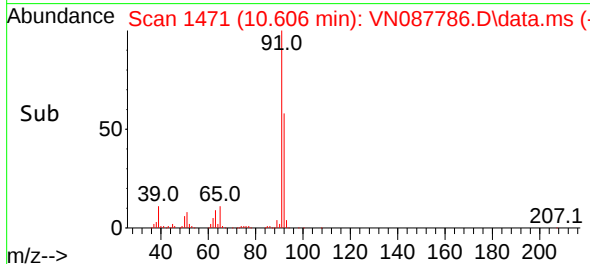
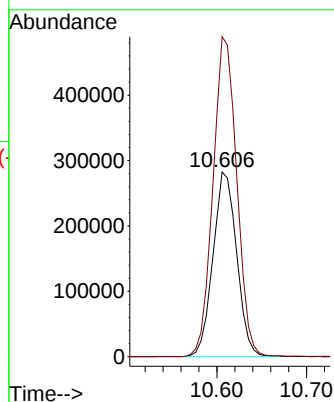
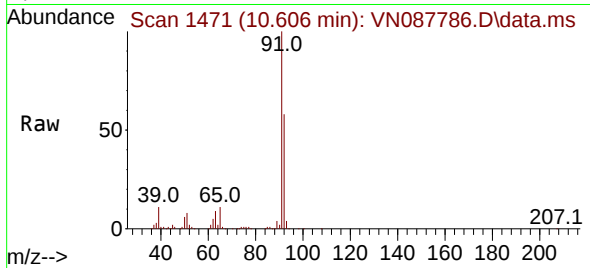




#52
Toluene
Concen: 47.846 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

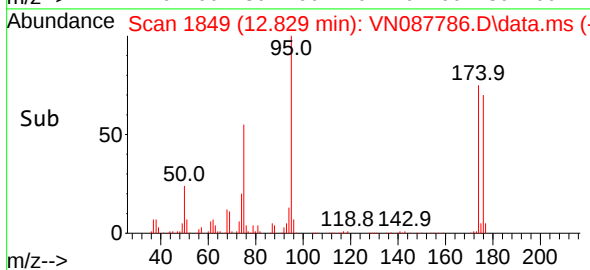
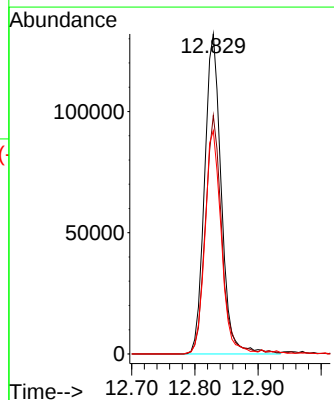
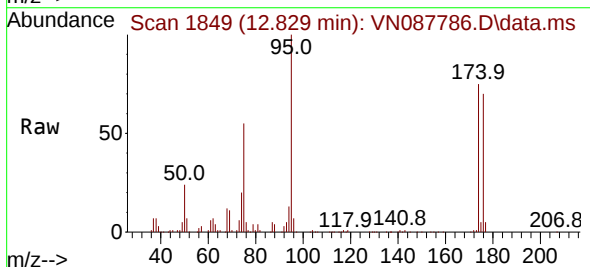
Instrument :
MSVOA_N
ClientSampleId :
DNAPL-OILDL

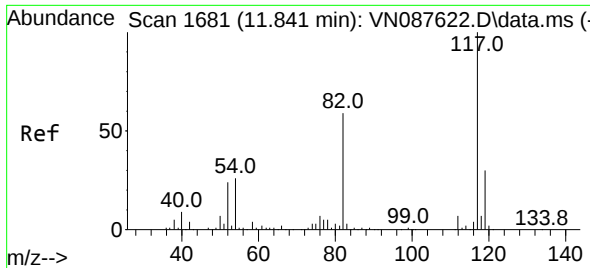
Tgt Ion: 92 Resp: 517351
Ion Ratio Lower Upper
92 100
91 174.2 140.4 210.6



#62
4-Bromofluorobenzene
Concen: 49.055 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Tgt Ion: 95 Resp: 242033
Ion Ratio Lower Upper
95 100
174 73.6 0.0 138.4
176 68.7 0.0 132.6

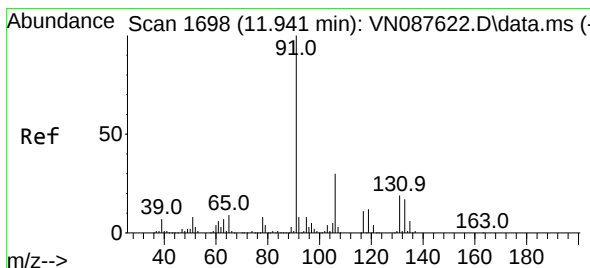
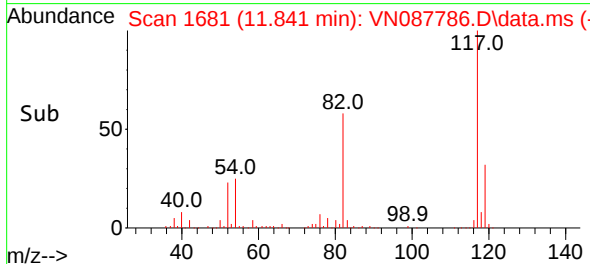
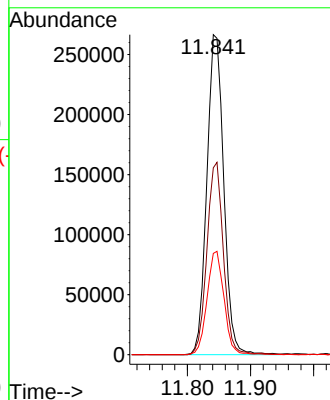
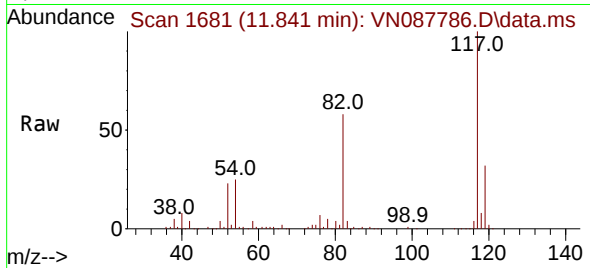




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

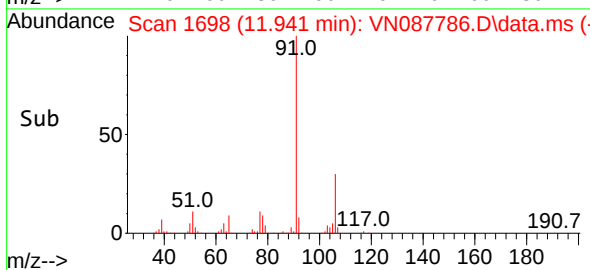
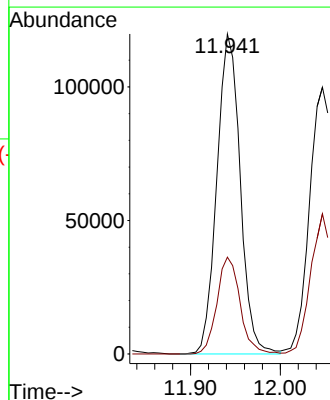
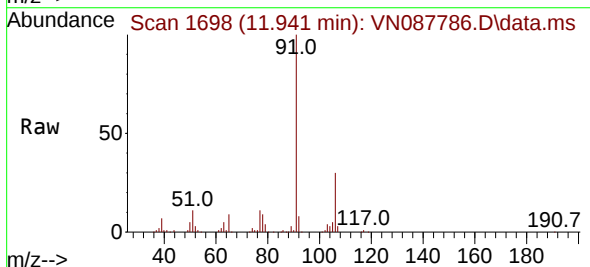
Instrument :
MSVOA_N
ClientSampleId :
DNAPL-OILDL

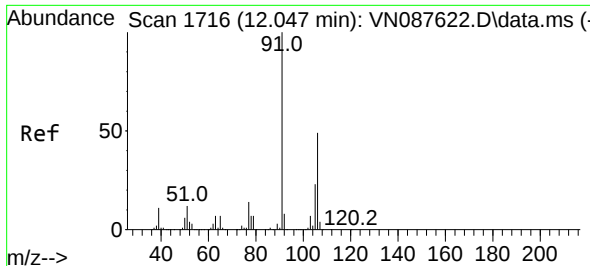
Tgt Ion:117 Resp: 495256
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.6 24.3 36.5



#67
Ethyl Benzene
Concen: 10.154 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Tgt Ion: 91 Resp: 216607
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1

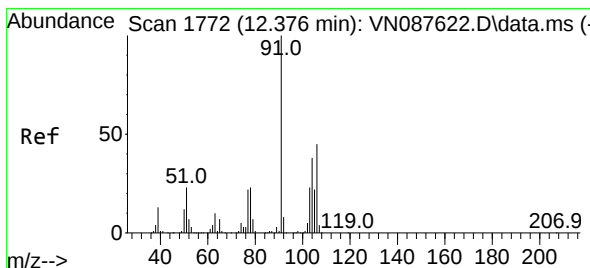
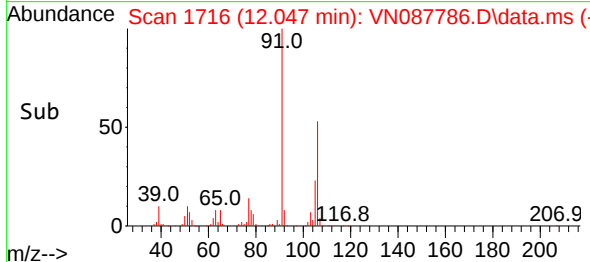
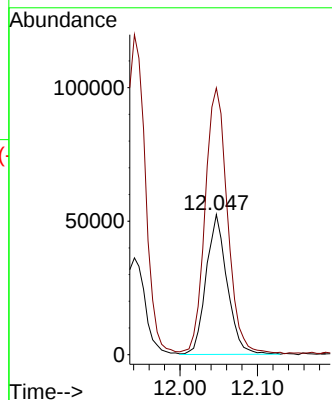
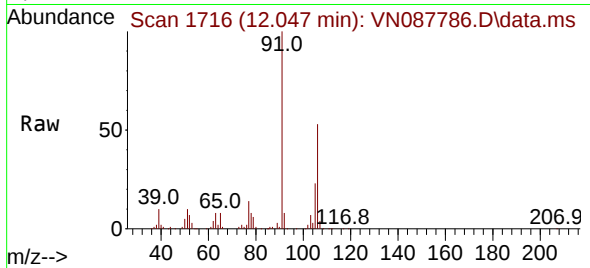




#68
m/p-Xylenes
Concen: 12.643 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

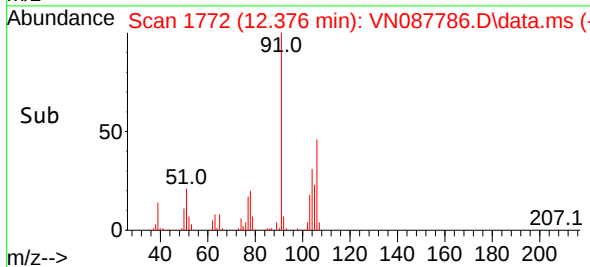
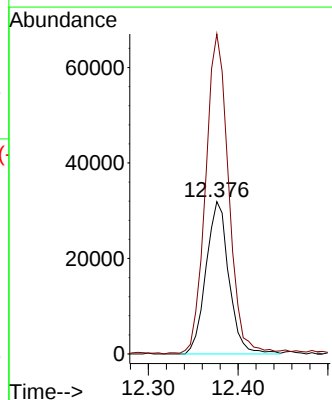
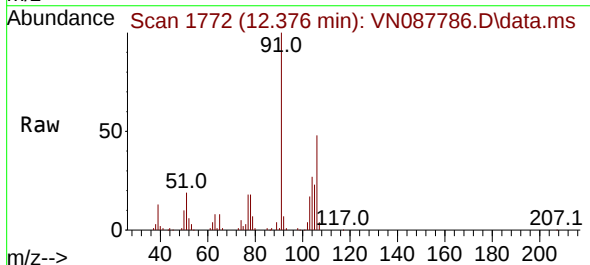
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DNAPL-OILDL

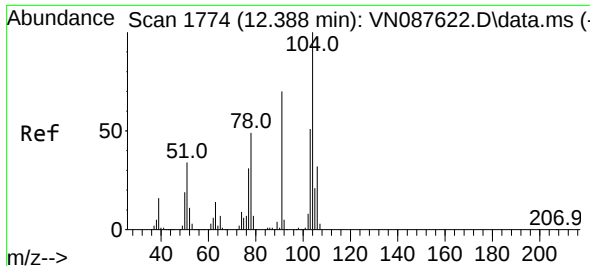
Tgt Ion:106 Resp: 98917
Ion Ratio Lower Upper
106 100
91 202.9 169.3 253.9



#69
o-Xylene
Concen: 7.381 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Tgt Ion:106 Resp: 56595
Ion Ratio Lower Upper
106 100
91 211.6 111.4 334.2

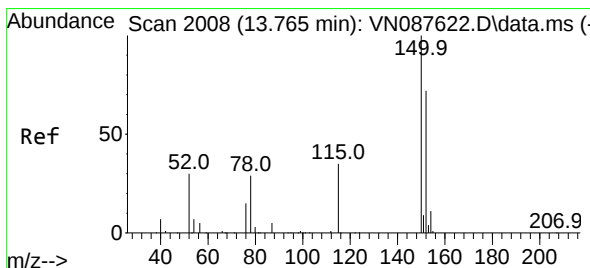
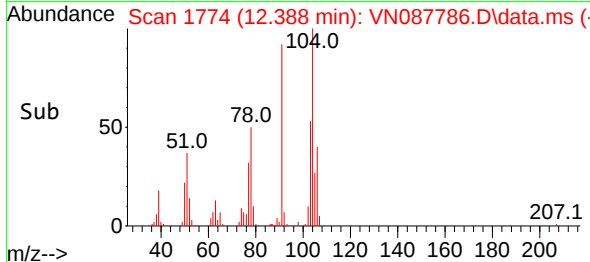
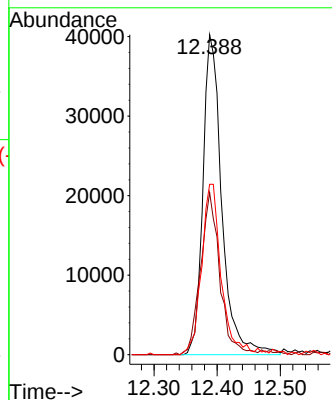
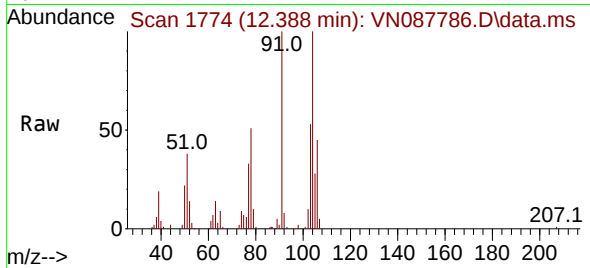




#70
Styrene
Concen: 6.521 ug/l
RT: 12.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

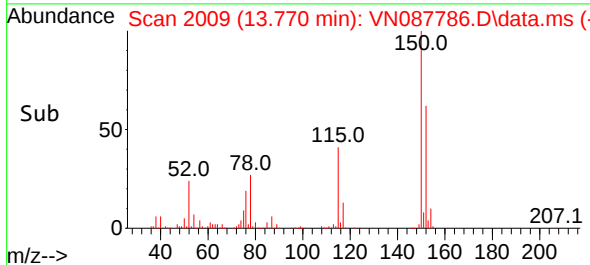
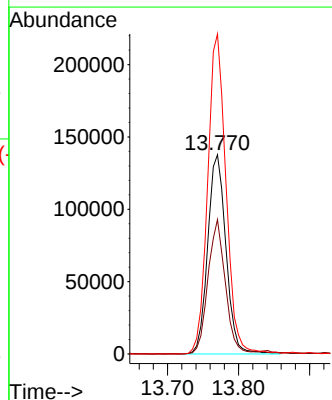
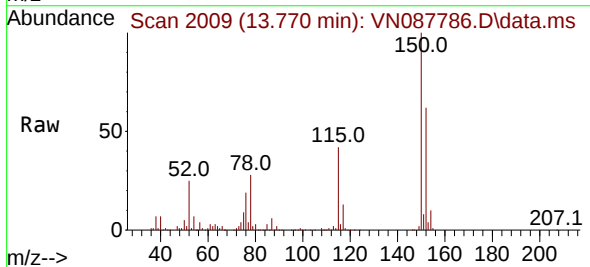
Instrument :
MSVOA_N
ClientSampleId :
DNAPL-OILDL

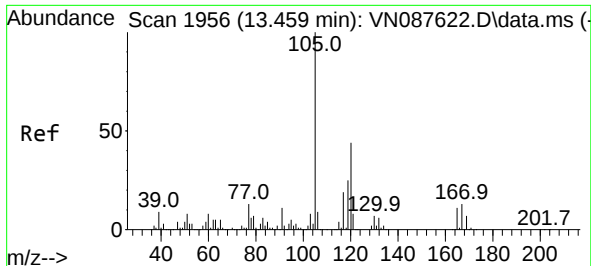
Tgt Ion:104 Resp: 83769
Ion Ratio Lower Upper
104 100
78 51.6 42.2 63.2
103 55.0 43.4 65.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Tgt Ion:152 Resp: 246497
Ion Ratio Lower Upper
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115 63.9 32.3 96.8
150 160.7 0.0 351.0

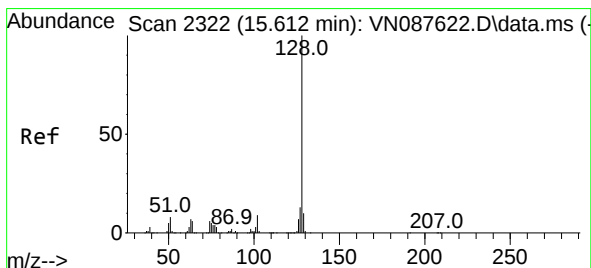
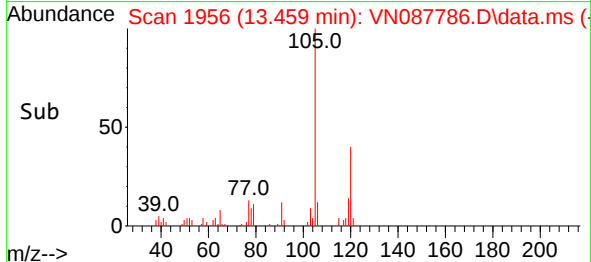
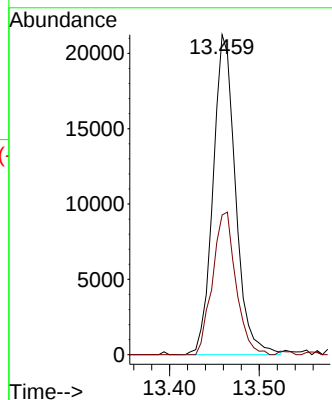
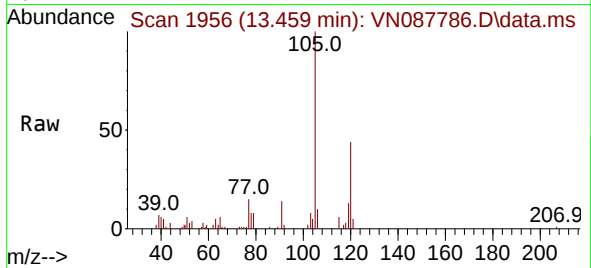




#84
1,2,4-Trimethylbenzene
Concen: 2.185 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Instrument :
MSVOA_N
ClientSampleId :
DNAPL-OILDL

Tgt Ion:105 Resp: 36959
Ion Ratio Lower Upper
105 100
120 46.2 22.0 66.0



#95
Naphthalene
Concen: 75.234 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087786.D
Acq: 10 Sep 2025 17:11

Tgt Ion:128 Resp: 1404049
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.6 12.8

