

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
 Data File : VN086567.D
 Acq On : 09 May 2025 17:20
 Operator : JC\MD
 Sample : Q1980-04DL2 100X
 Misc : 1.22g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3848DL2

Quant Time: May 09 23:31:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

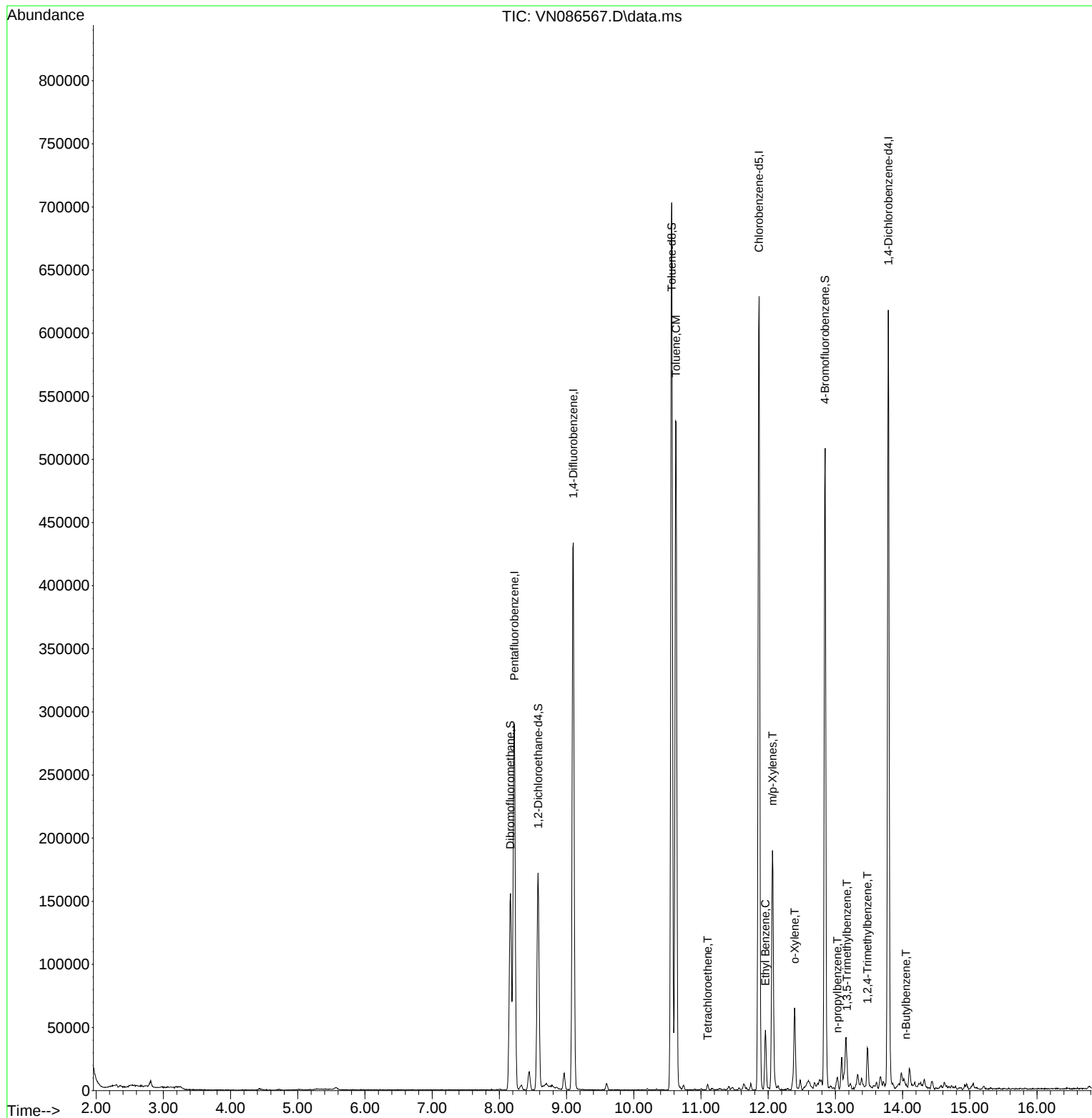
Internal Standards						
1) Pentafluorobenzene	8.224	168	217075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	397488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	142174	45.166	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.340%
35) Dibromofluoromethane	8.165	113	115437	62.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	125.140%#
50) Toluene-d8	10.565	98	498146	50.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.847	95	185335	51.537	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.080%
Target Compounds						
					Qvalue	
52) Toluene	10.629	92	243996	33.123	ug/l	99
64) Tetrachloroethene	11.100	164	954	0.326	ug/l #	86
67) Ethyl Benzene	11.959	91	35354	2.310	ug/l	100
68) m/p-Xylenes	12.065	106	55982	9.762	ug/l	100
69) o-Xylene	12.394	106	17428	3.073	ug/l	98
78) n-propylbenzene	13.029	91	6727	0.410	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	5352	0.470	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	19471	1.678	ug/l	99
89) n-Butylbenzene	14.053	91	2258	0.226	ug/l #	84

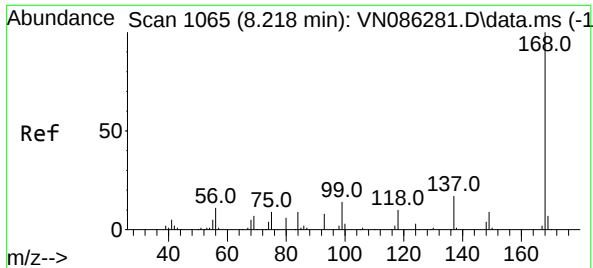
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050925\
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

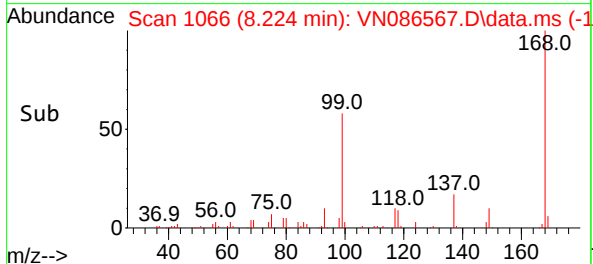
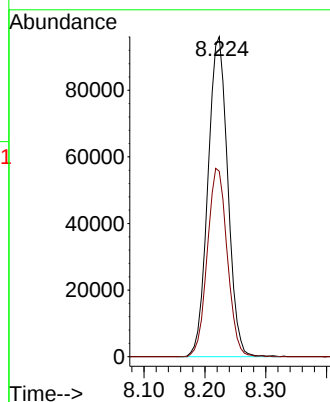
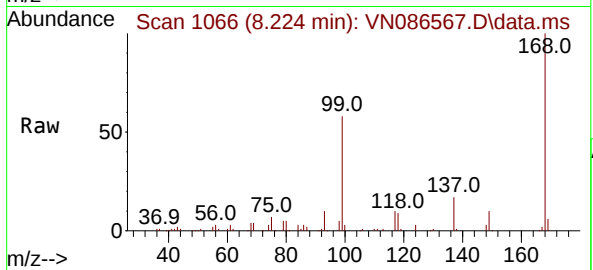




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

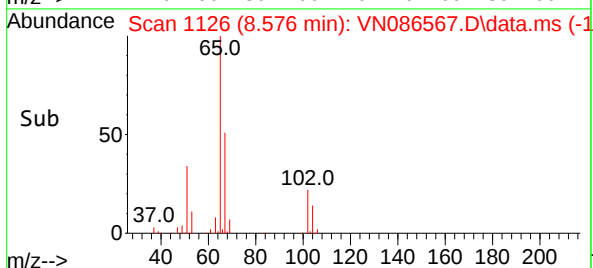
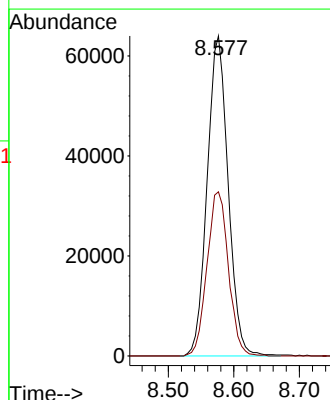
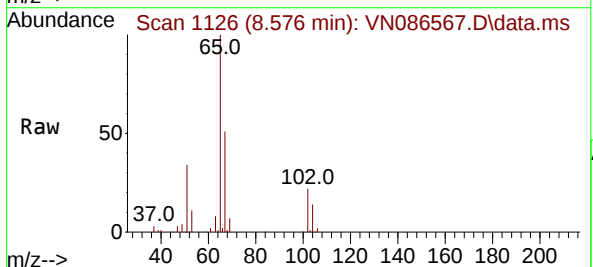
Instrument :
MSVOA_N
ClientSampleId :
3848DL2

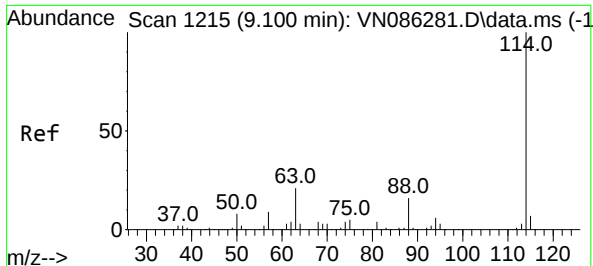
Tgt Ion:168 Resp: 217075
Ion Ratio Lower Upper
168 100
99 58.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 45.166 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

Tgt Ion: 65 Resp: 142174
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0

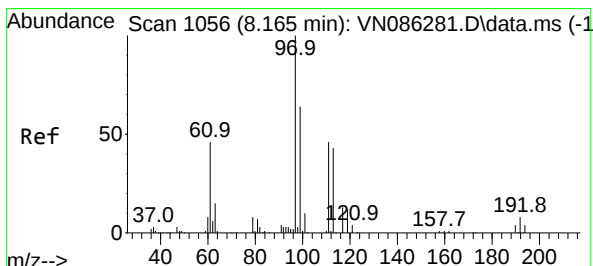
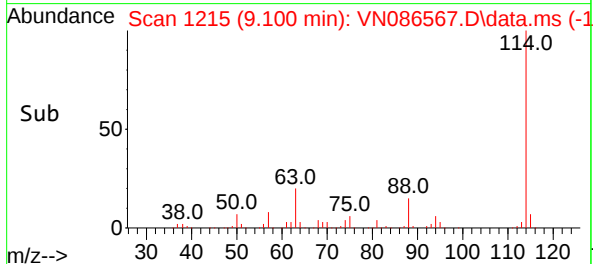
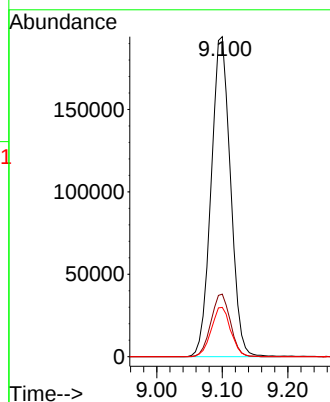
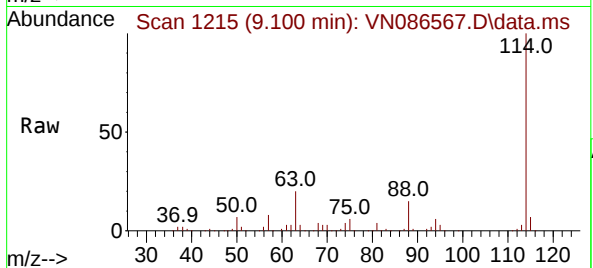




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

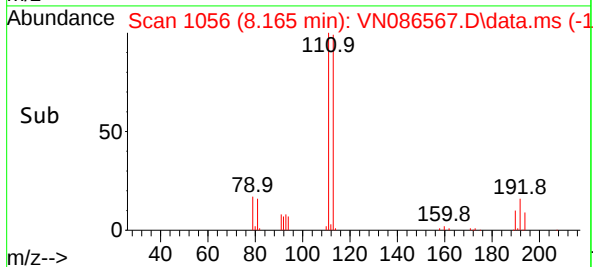
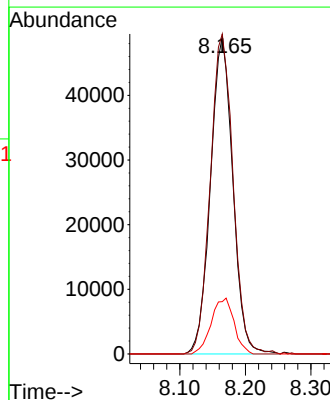
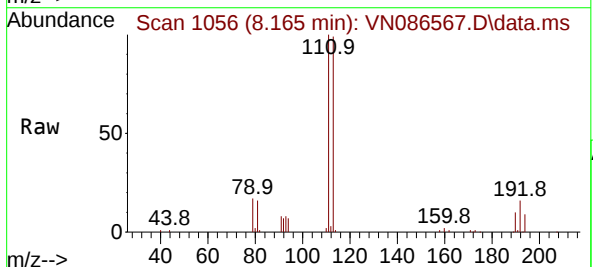
Instrument :
MSVOA_N
ClientSampleId :
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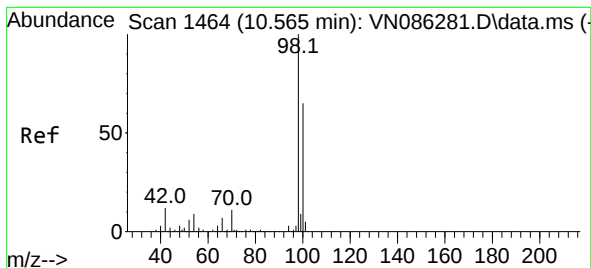
Tgt Ion:114 Resp: 397488
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 62.574 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

Tgt Ion:113 Resp: 115437
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.0
192 18.0 13.7 20.5

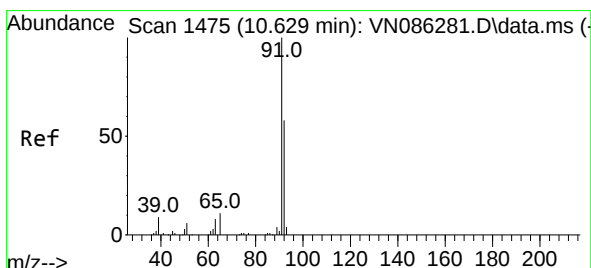
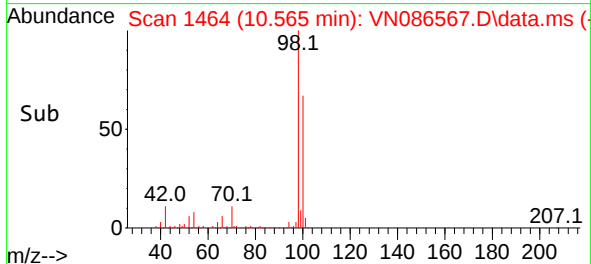
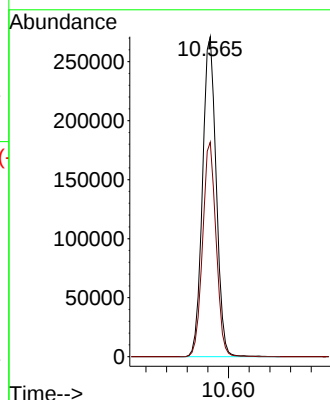
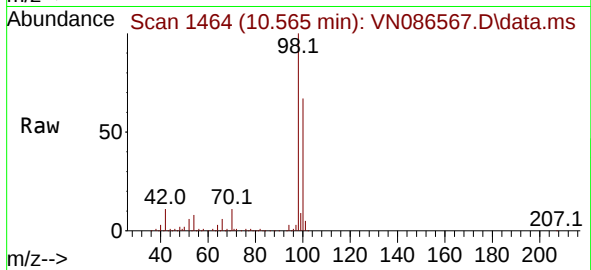




#50
Toluene-d8
Concen: 50.525 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

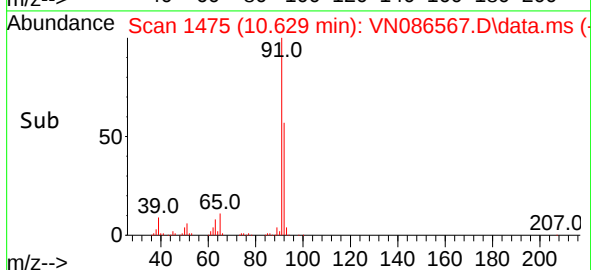
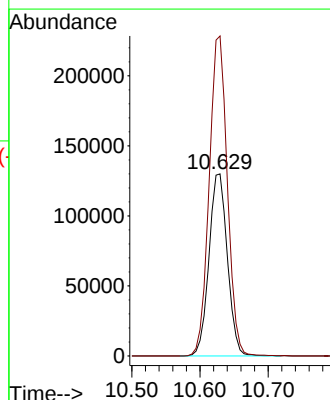
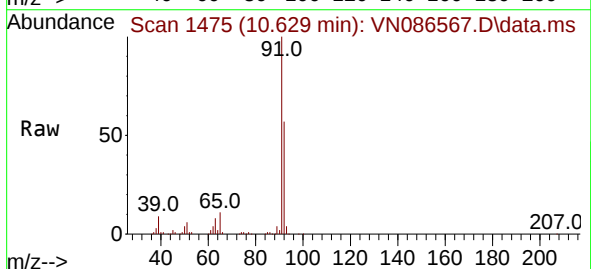
Instrument :
MSVOA_N
ClientSampleId :
3848DL2

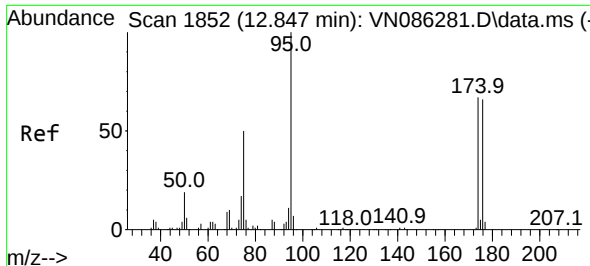
Tgt Ion: 98 Resp: 498146
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#52
Toluene
Concen: 33.123 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

Tgt Ion: 92 Resp: 243996
Ion Ratio Lower Upper
92 100
91 173.6 137.3 205.9

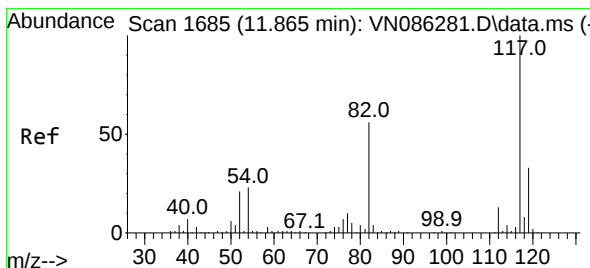
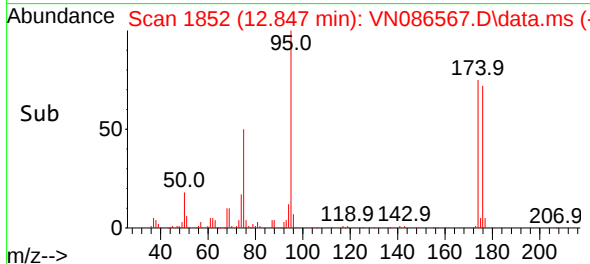
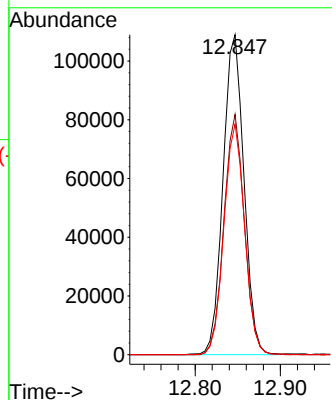
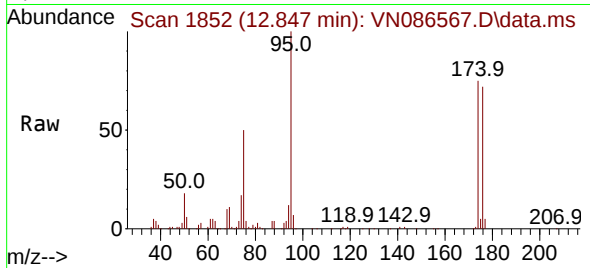




#62
4-Bromofluorobenzene
Concen: 51.537 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

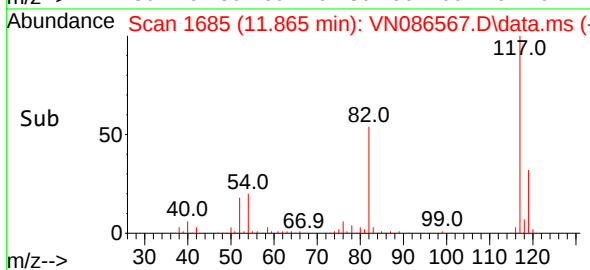
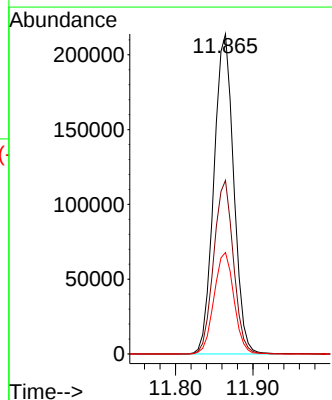
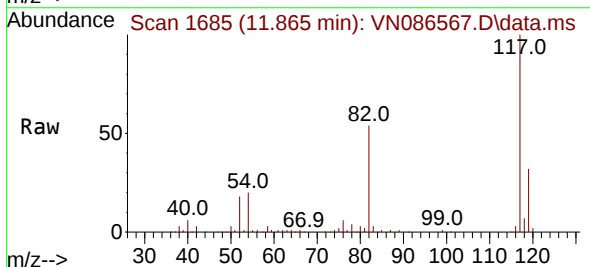
Instrument :
MSVOA_N
ClientSampleId :
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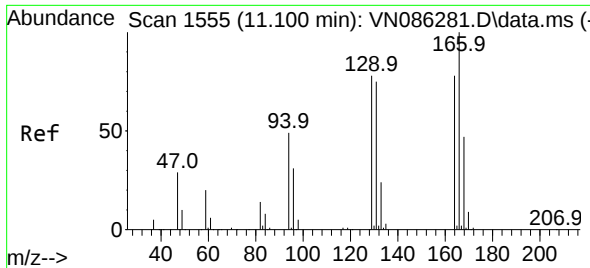
Tgt Ion: 95 Resp: 185335
Ion Ratio Lower Upper
95 100
174 73.5 0.0 133.4
176 71.3 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

Tgt Ion: 117 Resp: 380054
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 31.7 26.4 39.6

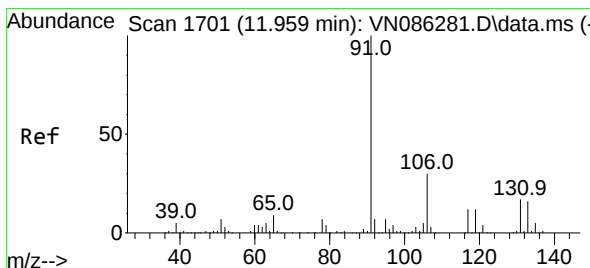
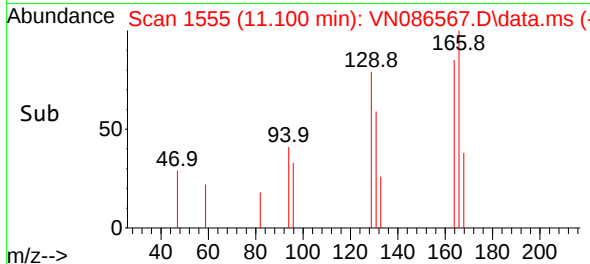
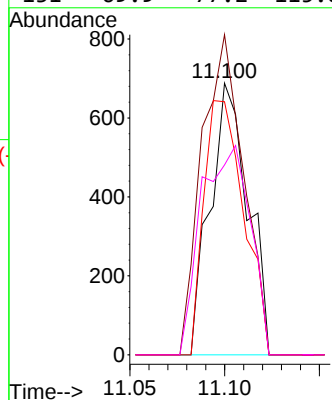
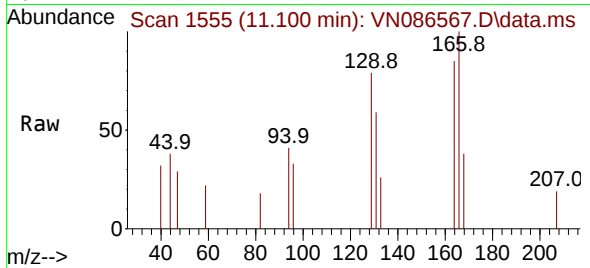




#64
Tetrachloroethene
Concen: 0.326 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

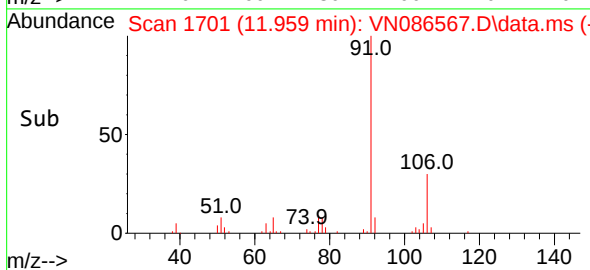
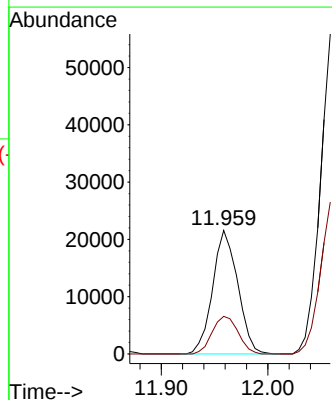
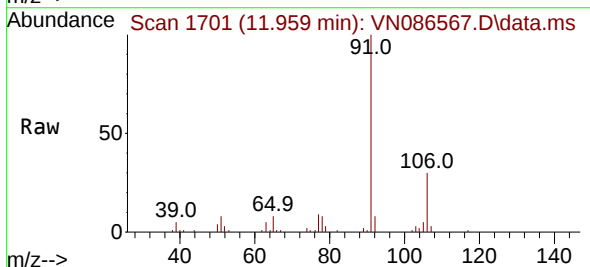
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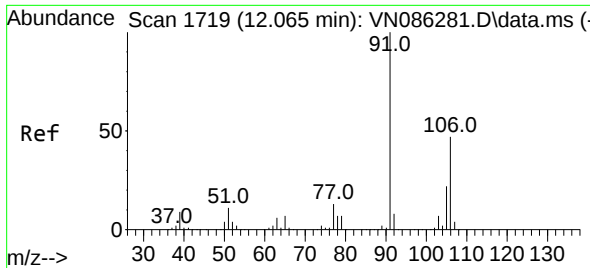
Tgt Ion:164	Resp:	954
Ion	Ratio	Lower Upper
164	100	
166	117.9	103.0 154.4
129	93.2	80.1 120.1
131	69.9	77.2 115.8



#67
Ethyl Benzene
Concen: 2.310 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

Tgt Ion: 91	Resp:	35354
Ion	Ratio	Lower Upper
91	100	
106	30.4	24.3 36.5

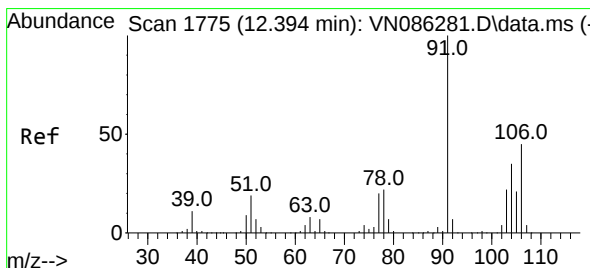
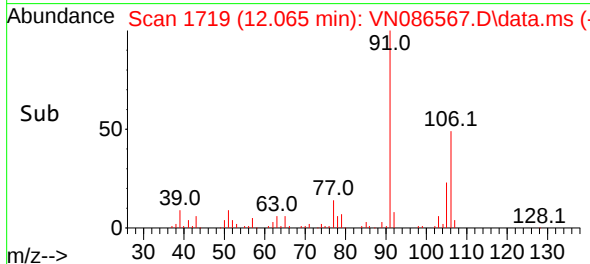
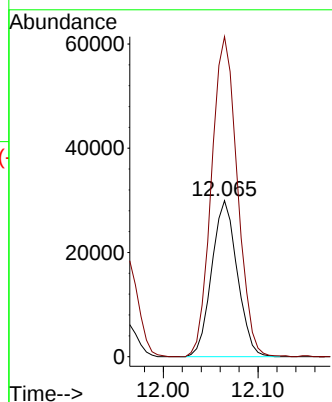
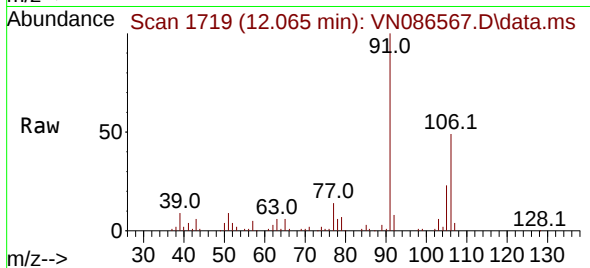




#68
m/p-Xylenes
Concen: 9.762 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

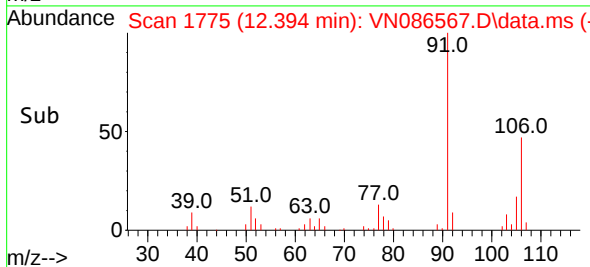
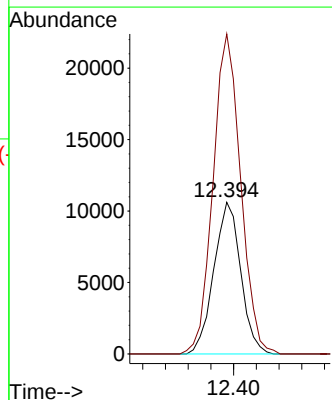
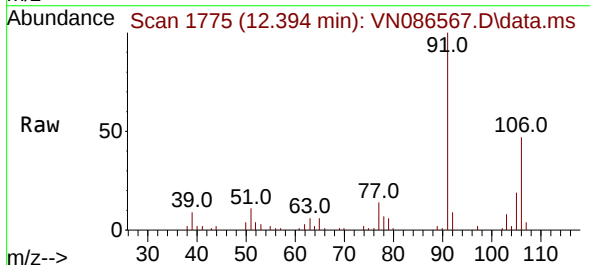
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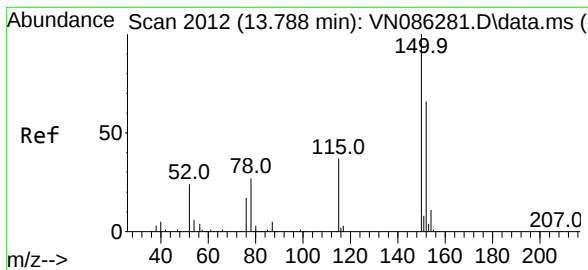
Tgt Ion:106 Resp: 55982
Ion Ratio Lower Upper
106 100
91 208.2 166.5 249.7



#69
o-Xylene
Concen: 3.073 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

Tgt Ion:106 Resp: 17428
Ion Ratio Lower Upper
106 100
91 216.7 109.7 329.0

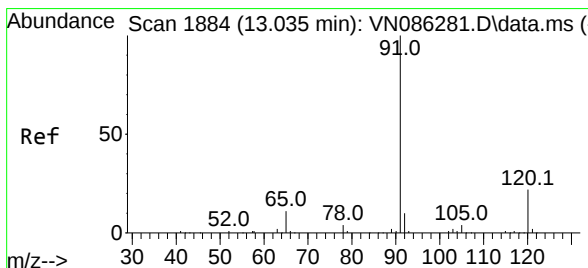
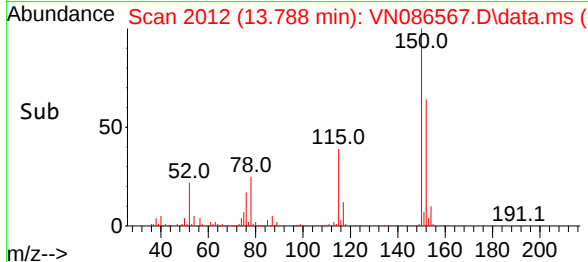
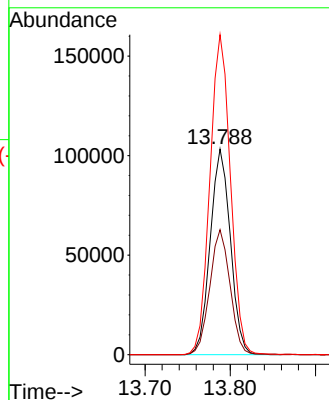
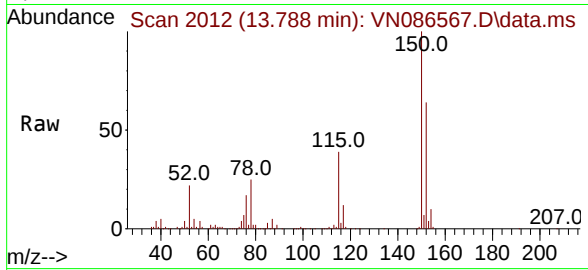




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

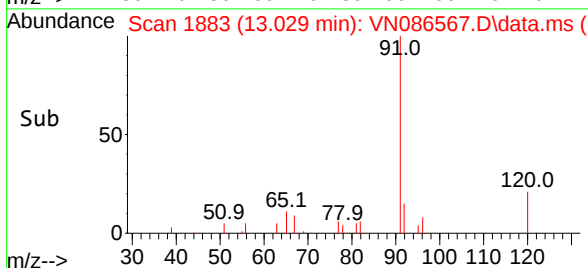
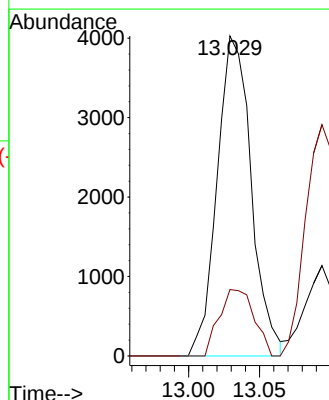
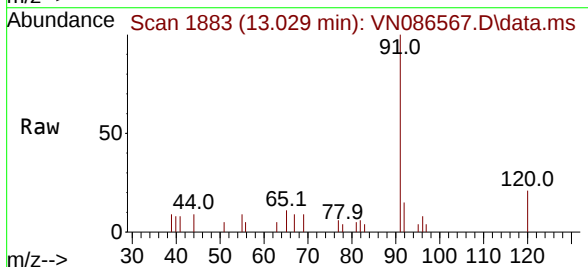
Instrument :
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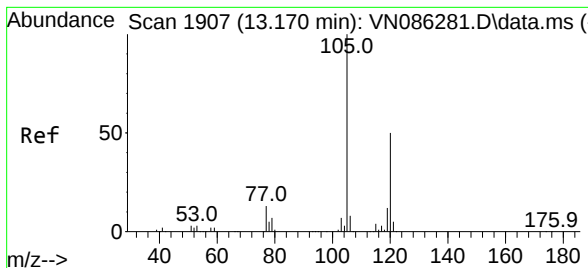
Tgt Ion:152 Resp: 170213
Ion Ratio Lower Upper
152 100
115 61.0 31.9 95.9
150 158.1 0.0 352.0



#78
n-propylbenzene
Concen: 0.410 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086567.D
Acq: 09 May 2025 17:20

Tgt Ion: 91 Resp: 6727
Ion Ratio Lower Upper
91 100
120 21.2 11.1 33.3





#80

1,3,5-Trimethylbenzene

Concen: 0.470 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086567.D

Acq: 09 May 2025 17:20

Instrument :

MSVOA_N

ClientSampleId :

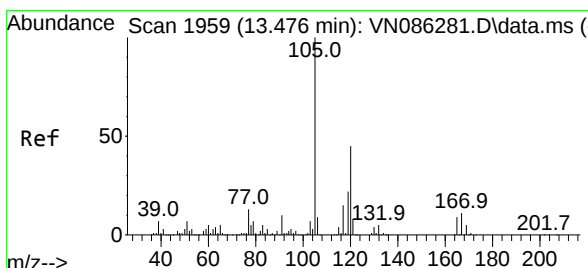
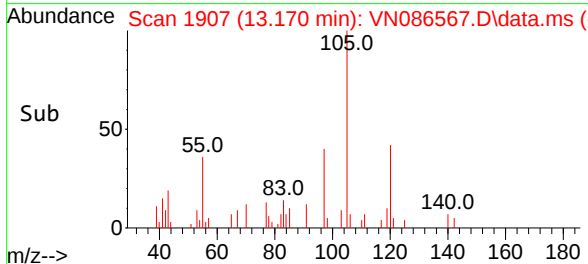
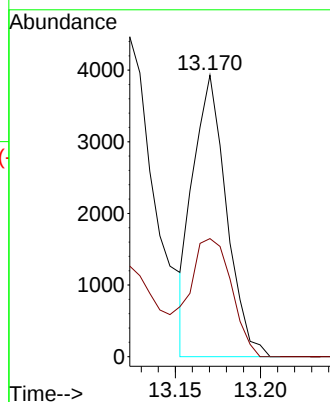
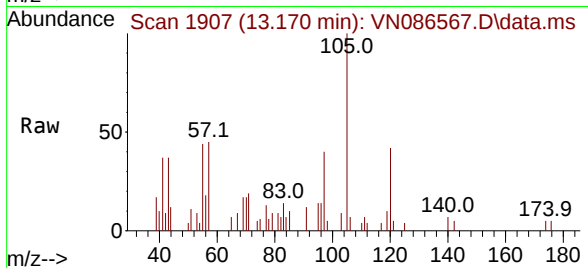
3848DL2

Tgt Ion:105 Resp: 5352

Ion Ratio Lower Upper

105 100

120 53.4 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 1.678 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086567.D

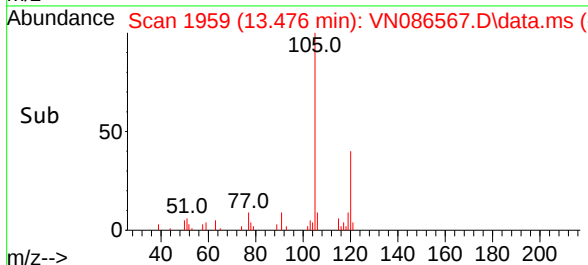
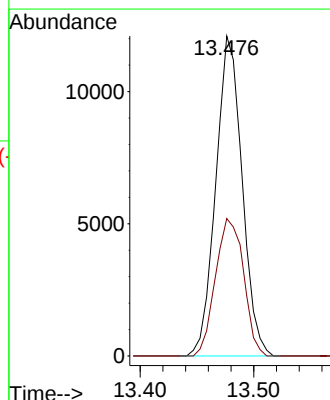
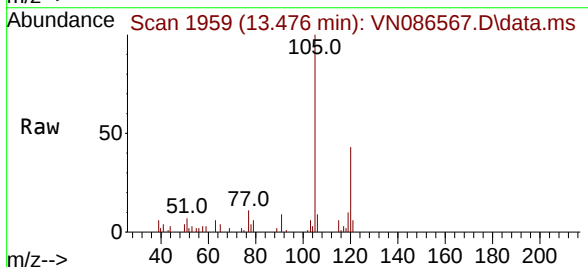
Acq: 09 May 2025 17:20

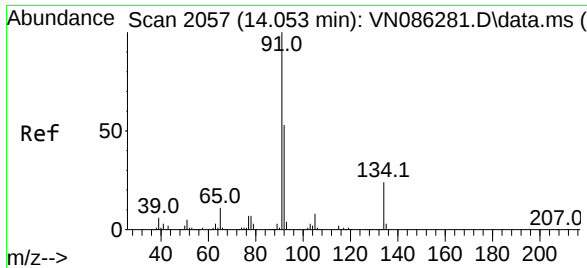
Tgt Ion:105 Resp: 19471

Ion Ratio Lower Upper

105 100

120 45.8 22.4 67.3





#89
 n-Butylbenzene
 Concen: 0.226 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN086567.D
 Acq: 09 May 2025 17:20

Instrument :
 MSVOA_N
 ClientSampleId :
 3848DL2

Tgt Ion:	91	Resp:	2258
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.8	80.4
134	0.0	12.2	36.6#

