

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111225\
 Data File : VN088270.D
 Acq On : 12 Nov 2025 12:53
 Operator : JC\MD
 Sample : Q3590-02ME
 Misc : 5.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0314-0316-COMPME

Quant Time: Nov 12 13:10:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

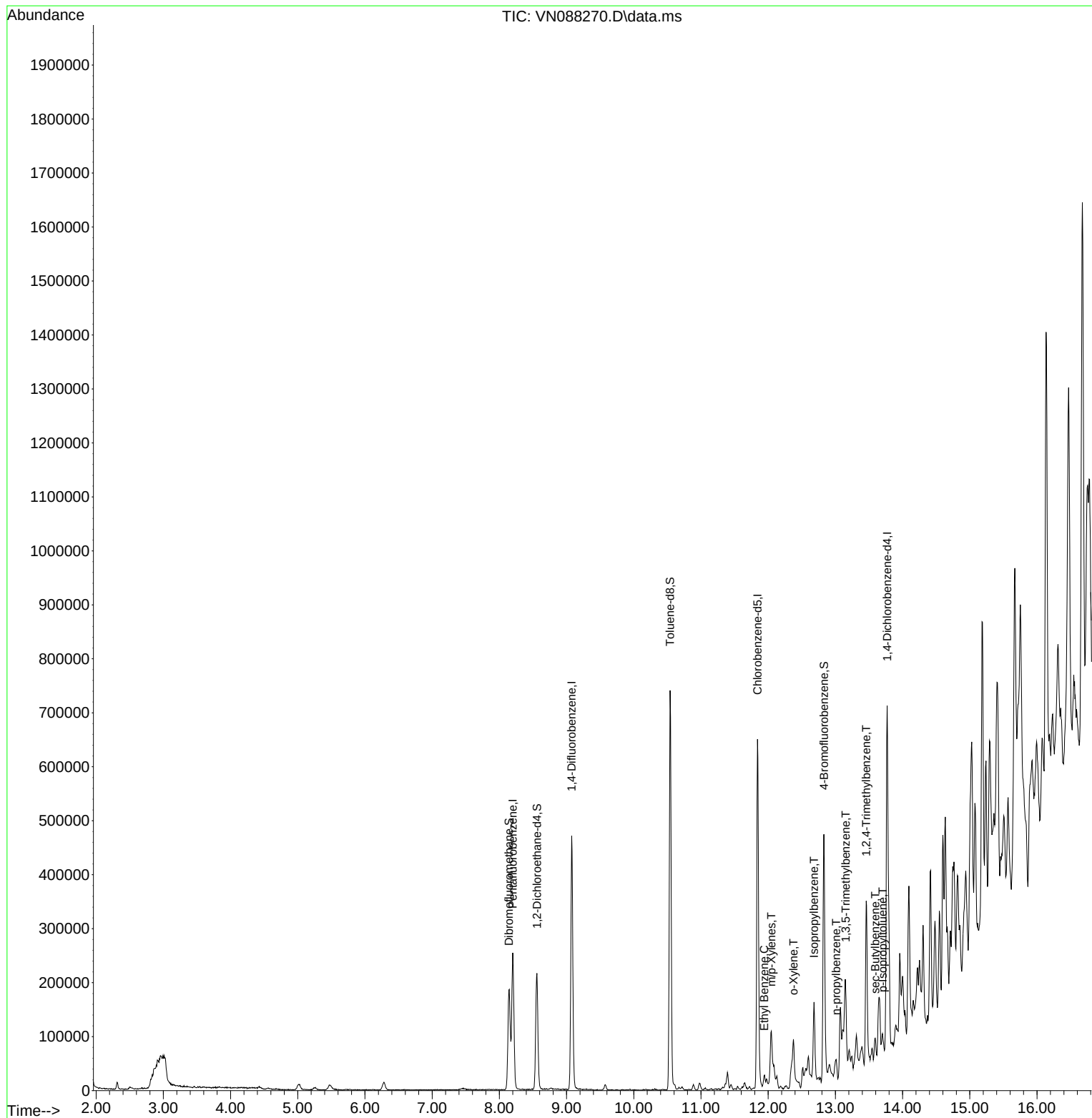
Internal Standards						
1) Pentafluorobenzene	8.200	168	165572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	372428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	355751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	172199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	179344	62.640	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery = 125.280%#		
35) Dibromofluoromethane	8.141	113	134250	53.657	ug/l	-0.01
Spiked Amount	50.000	Range 75 - 124		Recovery = 107.320%		
50) Toluene-d8	10.541	98	486782	50.493	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery = 100.980%		
62) 4-Bromofluorobenzene	12.829	95	175351	51.503	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121		Recovery = 103.000%		
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.941	91	14379	1.014	ug/l	100
68) m/p-Xylenes	12.047	106	29527	5.558	ug/l	98
69) o-Xylene	12.376	106	18984	3.769	ug/l	94
73) Isopropylbenzene	12.682	105	14652	1.103	ug/l	87
78) n-propylbenzene	13.012	91	25887	1.597	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	50701	4.597	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	190676	17.278	ug/l	98
85) sec-Butylbenzene	13.594	105	19849	1.371	ug/l #	74
86) p-Isopropyltoluene	13.706	119	19395	1.670	ug/l	96

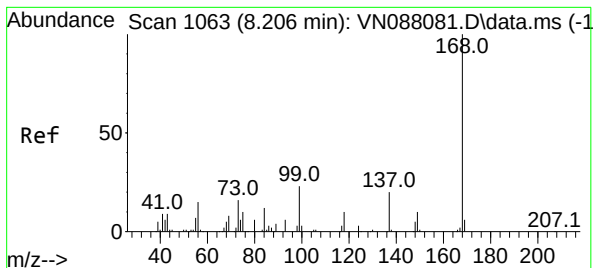
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111225\
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MOO-25-0314-0316-COMPME

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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

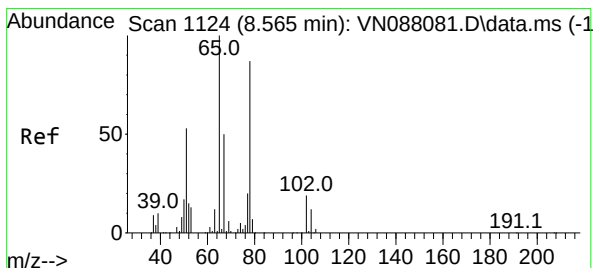
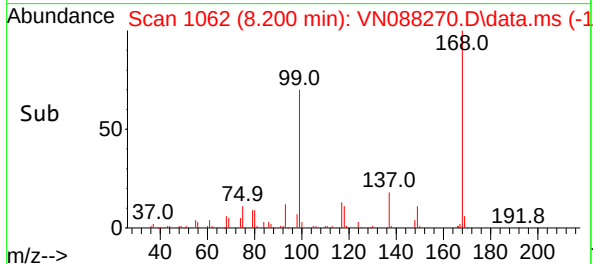
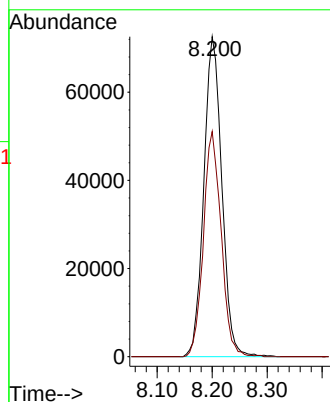
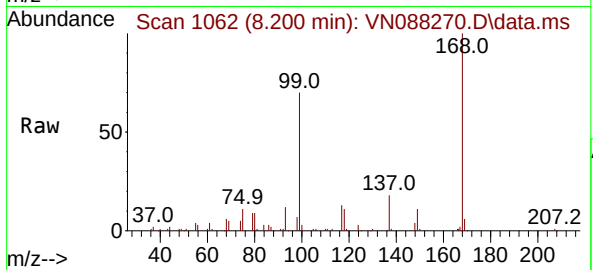




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

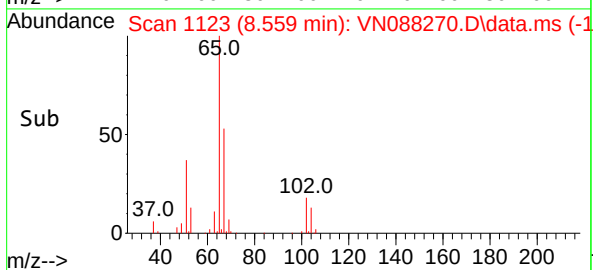
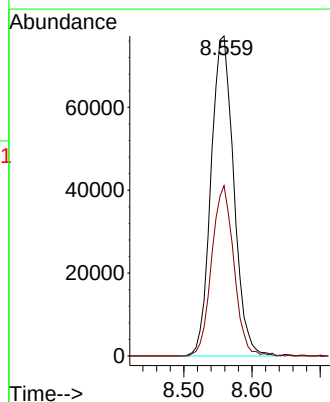
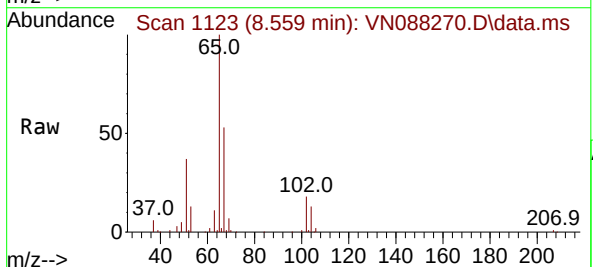
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0314-0316-COMPME

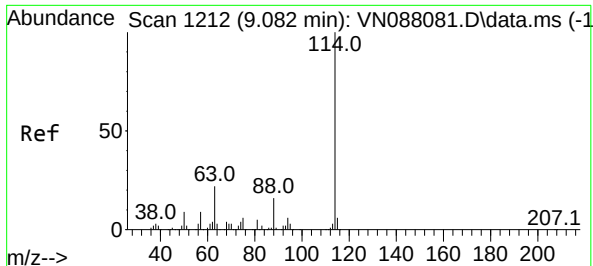
Tgt Ion:168 Resp: 165572
Ion Ratio Lower Upper
168 100
99 70.3 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 62.640 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

Tgt Ion: 65 Resp: 179344
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088270.D

Acq: 12 Nov 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

MOO-25-0314-0316-COMPME

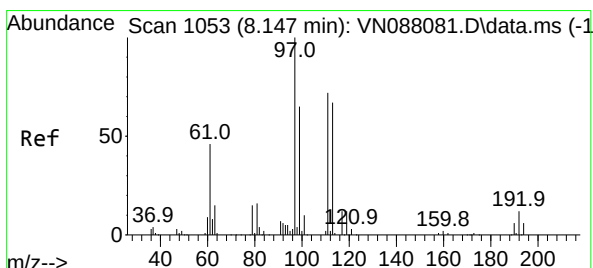
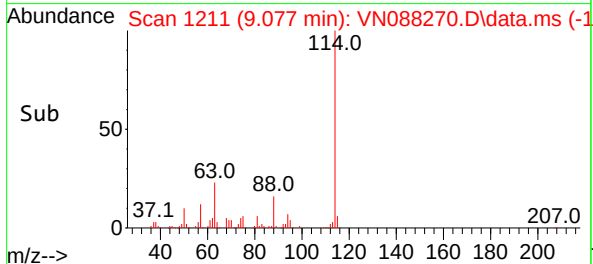
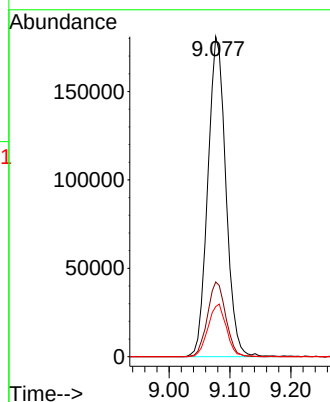
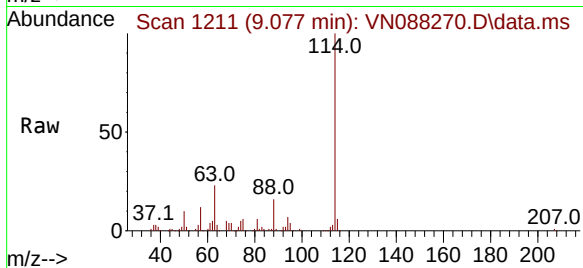
Tgt Ion:114 Resp: 372428

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

88 15.6 0.0 33.4



#35

Dibromofluoromethane

Concen: 53.657 ug/l

RT: 8.141 min Scan# 1052

Delta R.T. -0.012 min

Lab File: VN088270.D

Acq: 12 Nov 2025 12:53

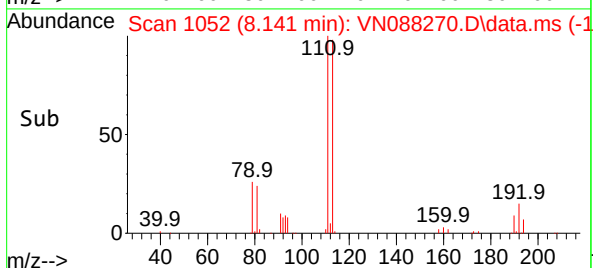
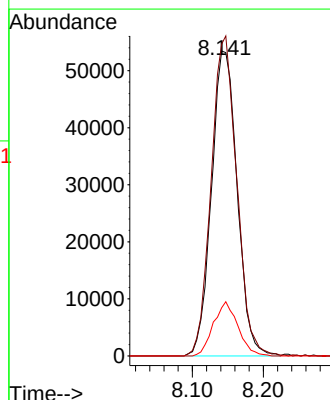
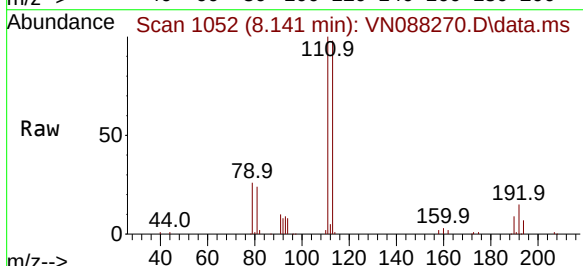
Tgt Ion:113 Resp: 134250

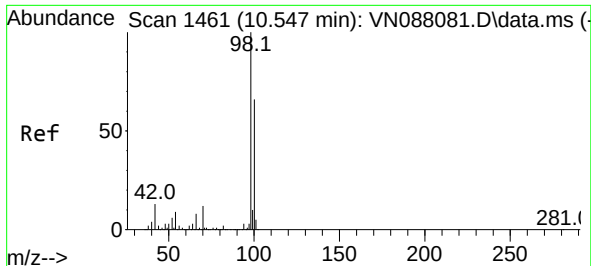
Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

192 17.0 12.8 19.2

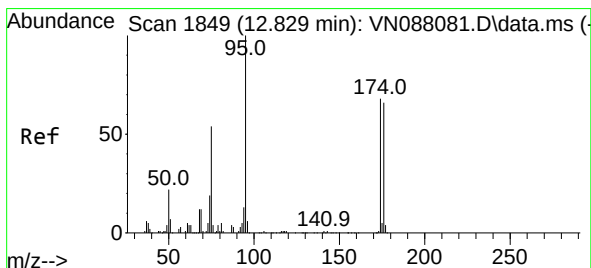
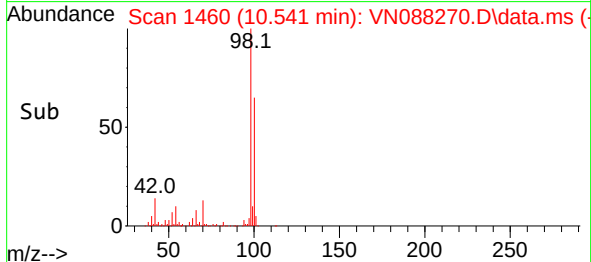
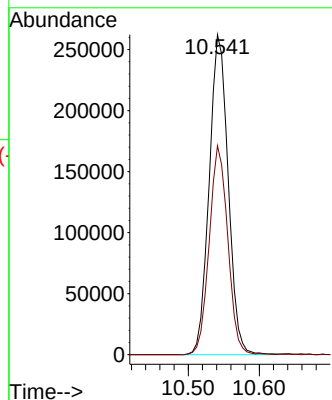
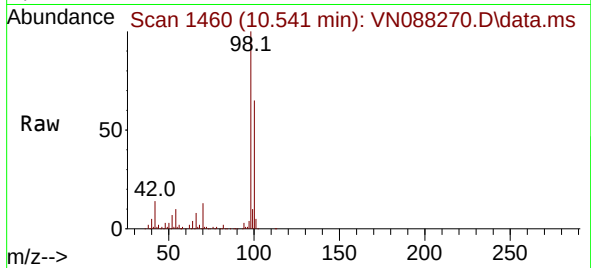




#50
Toluene-d8
Concen: 50.493 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

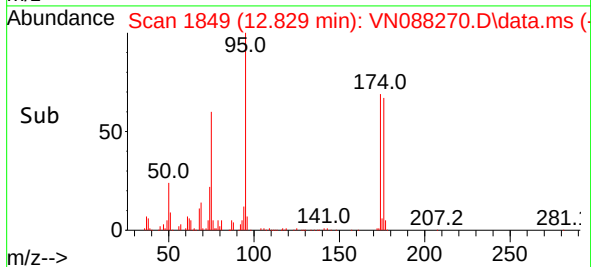
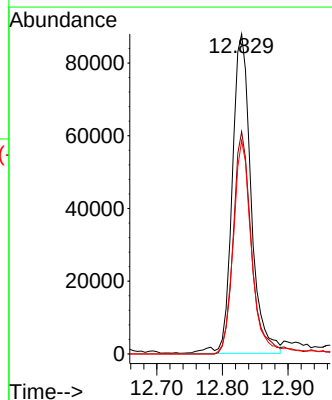
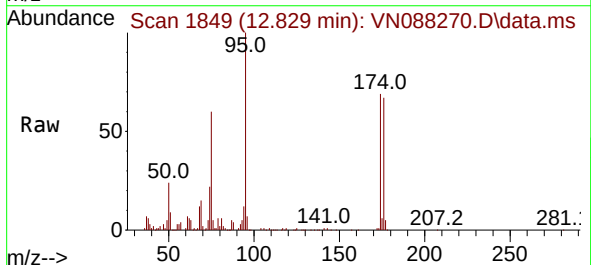
Instrument : MSVOA_N
ClientSampleId : MOO-25-0314-0316-COMPME

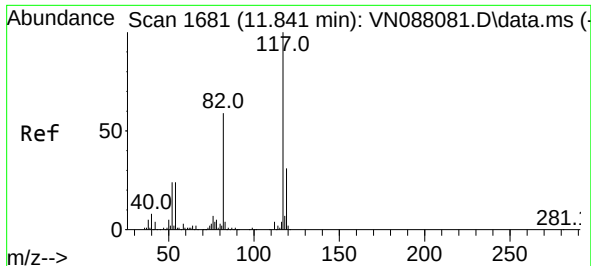
Tgt Ion: 98 Resp: 486782
Ion Ratio Lower Upper
98 100
100 63.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

Tgt Ion: 95 Resp: 175351
Ion Ratio Lower Upper
95 100
174 67.9 0.0 138.4
176 65.6 0.0 132.6

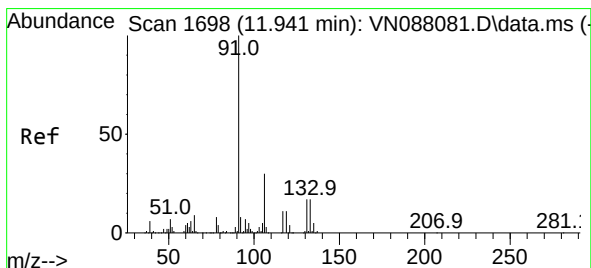
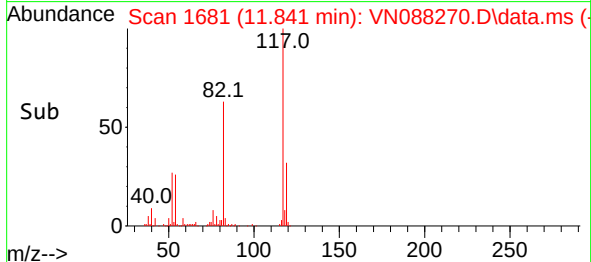
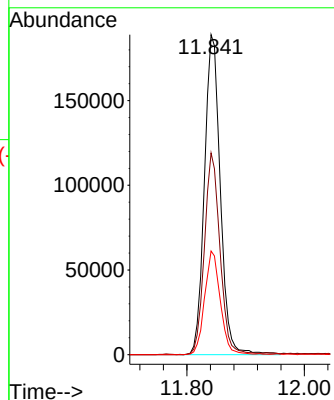
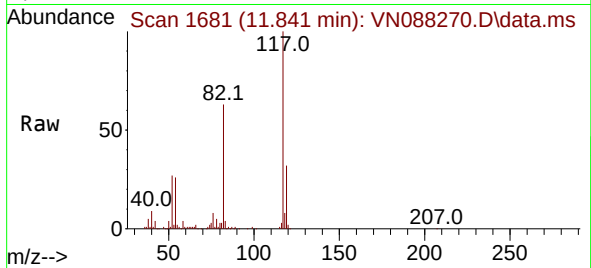




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

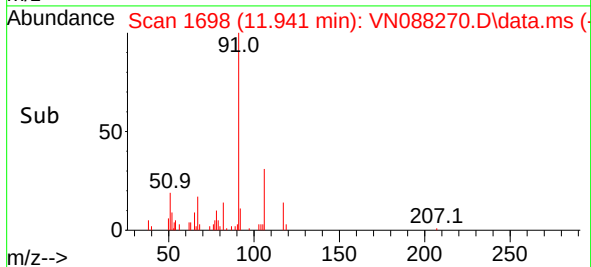
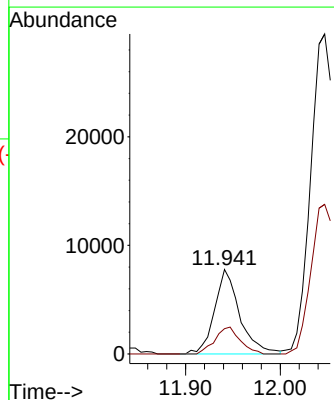
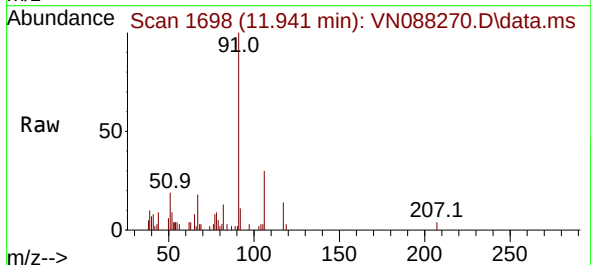
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0314-0316-COMPME

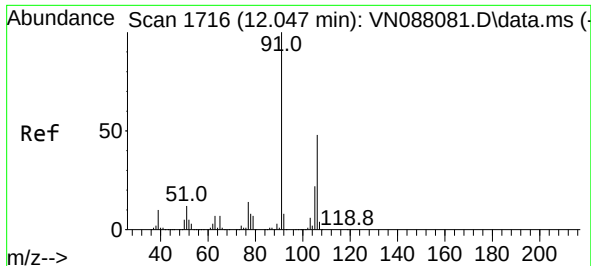
Tgt Ion:117 Resp: 355751
Ion Ratio Lower Upper
117 100
82 62.9 47.4 71.2
119 32.4 24.3 36.5



#67
Ethyl Benzene
Concen: 1.014 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

Tgt Ion: 91 Resp: 14379
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1

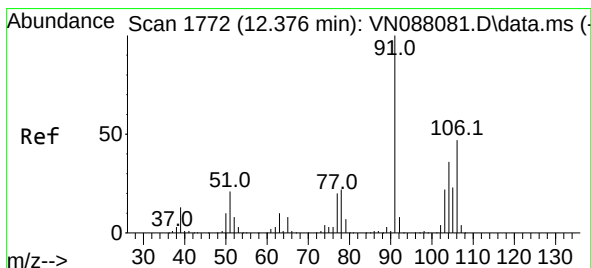
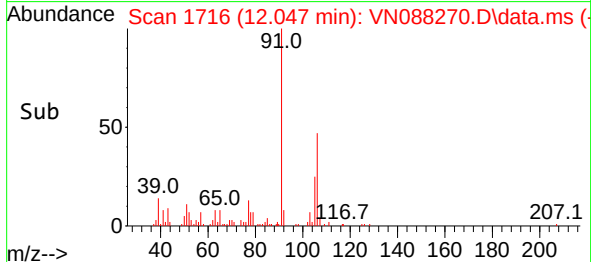
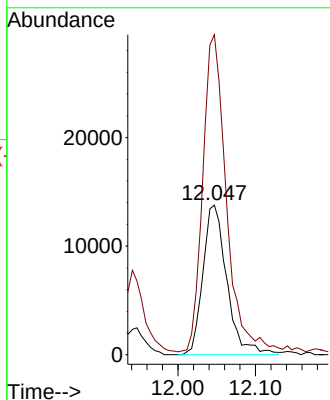
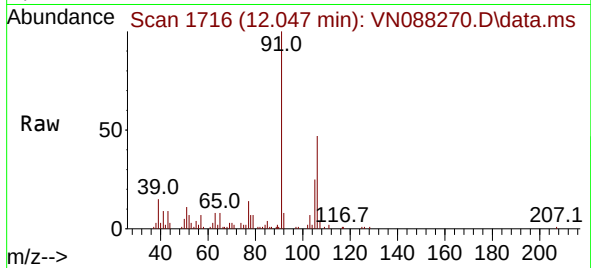




#68
m/p-Xylenes
Concen: 5.558 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

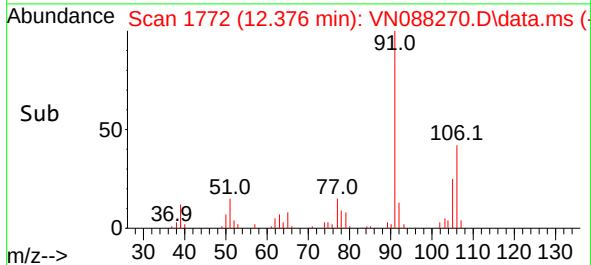
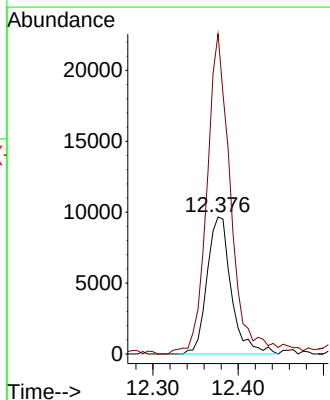
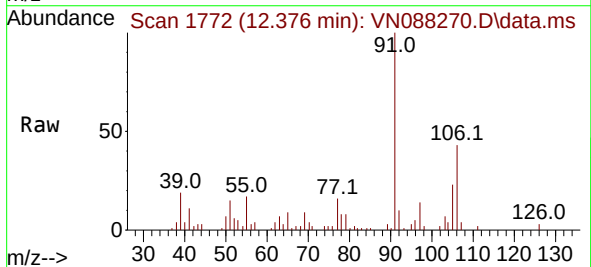
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ClientSampleId :
MOO-25-0314-0316-COMPME

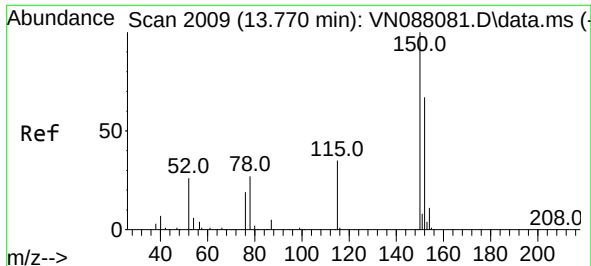
Tgt Ion:106 Resp: 29527
Ion Ratio Lower Upper
106 100
91 208.1 169.3 253.9



#69
o-Xylene
Concen: 3.769 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

Tgt Ion:106 Resp: 18984
Ion Ratio Lower Upper
106 100
91 233.2 111.4 334.2

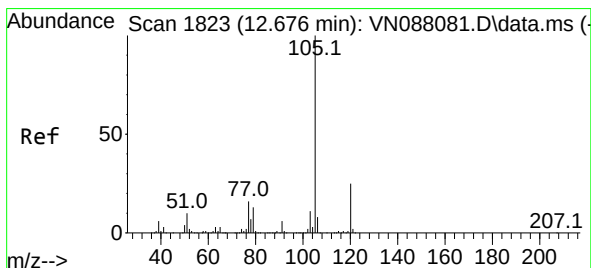
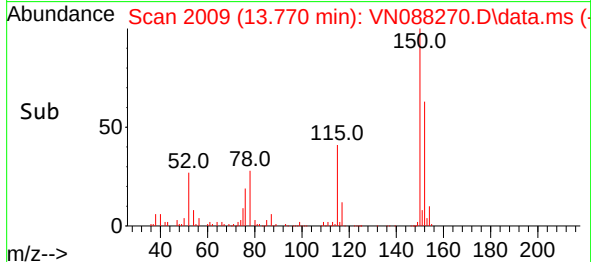
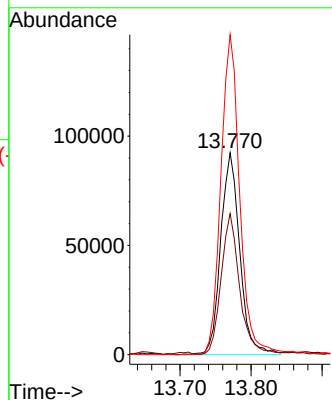
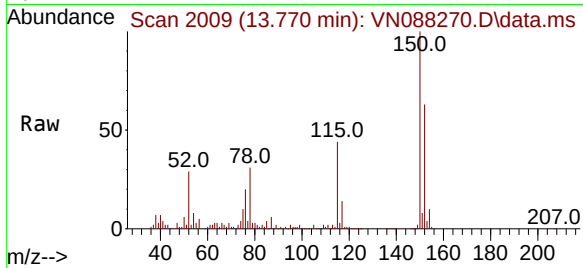




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: VN088270.D
 Acq: 12 Nov 2025 12:53

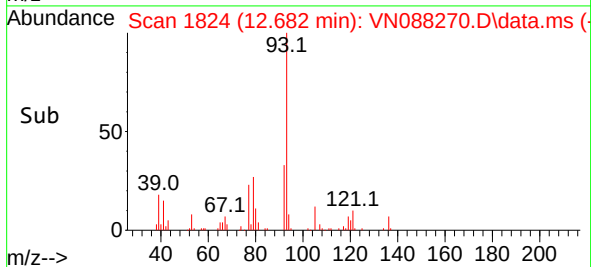
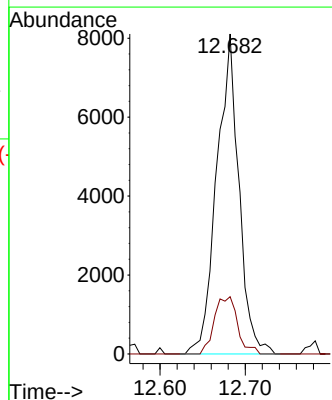
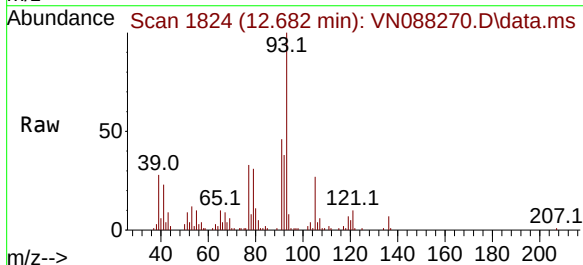
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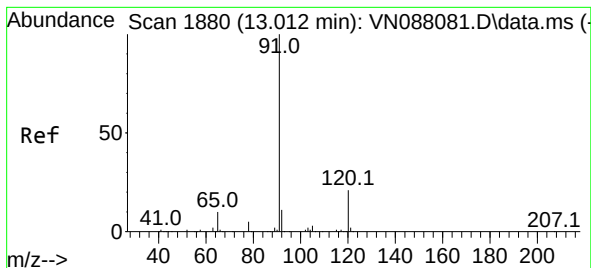
Tgt Ion:152 Resp: 172199
 Ion Ratio Lower Upper
 152 100
 115 67.1 32.3 96.8
 150 158.0 0.0 351.0



#73
 Isopropylbenzene
 Concen: 1.103 ug/l
 RT: 12.682 min Scan# 1824
 Delta R.T. 0.012 min
 Lab File: VN088270.D
 Acq: 12 Nov 2025 12:53

Tgt Ion:105 Resp: 14652
 Ion Ratio Lower Upper
 105 100
 120 18.7 12.8 38.3





#78

n-propylbenzene

Concen: 1.597 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088270.D

Acq: 12 Nov 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

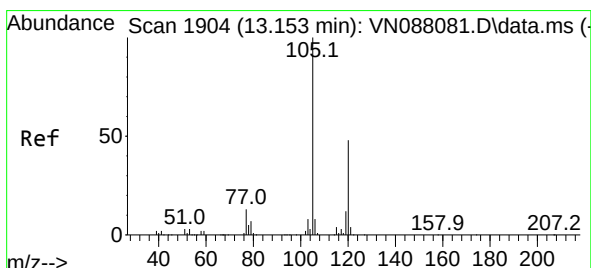
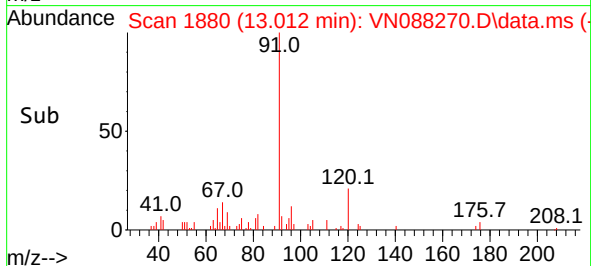
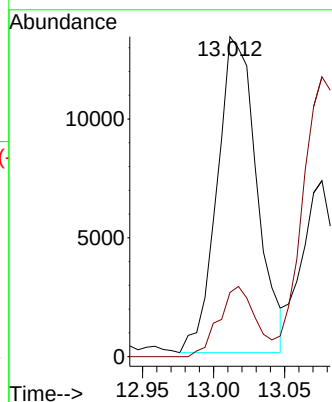
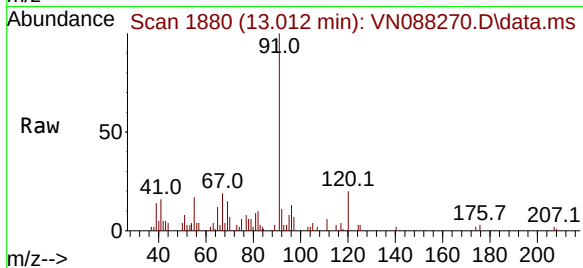
MOO-25-0314-0316-COMPME

Tgt Ion: 91 Resp: 25887

Ion Ratio Lower Upper

91 100

120 20.5 10.7 32.1



#80

1,3,5-Trimethylbenzene

Concen: 4.597 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN088270.D

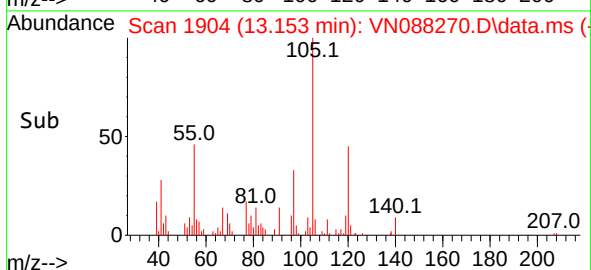
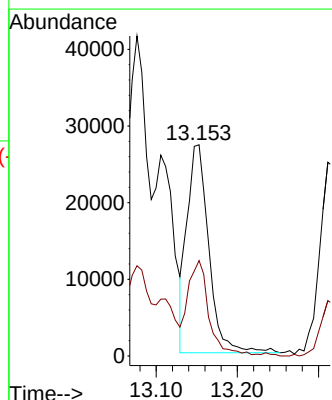
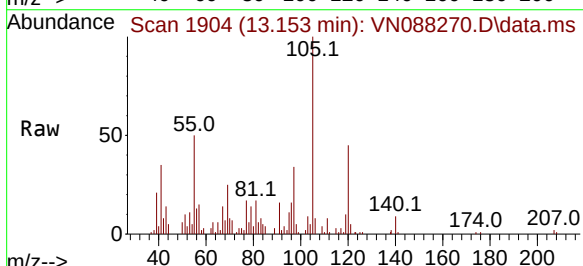
Acq: 12 Nov 2025 12:53

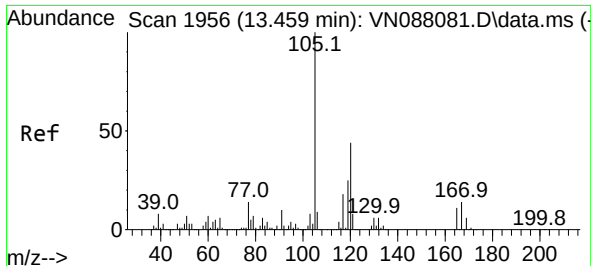
Tgt Ion: 105 Resp: 50701

Ion Ratio Lower Upper

105 100

120 42.9 23.2 69.6

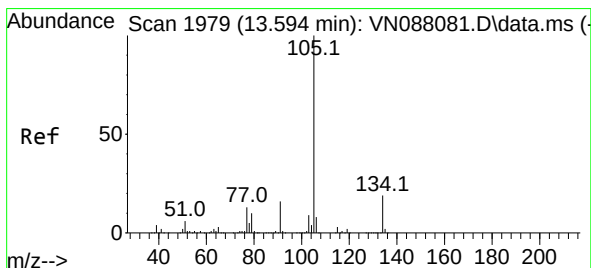
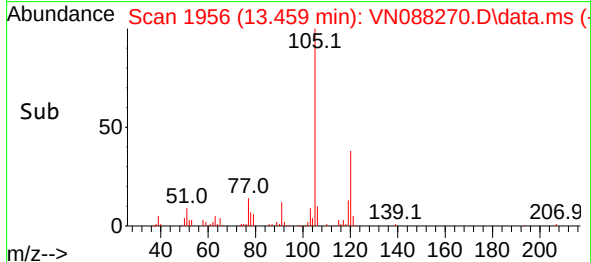
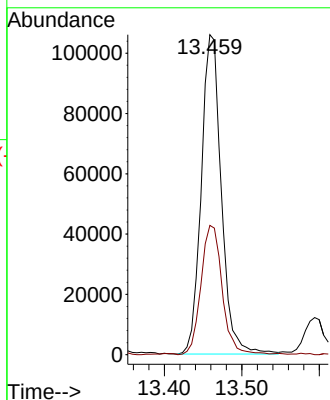
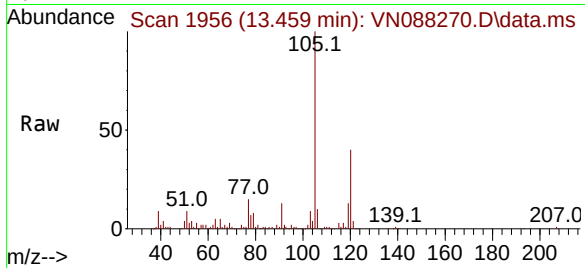




#84
1,2,4-Trimethylbenzene
Concen: 17.278 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

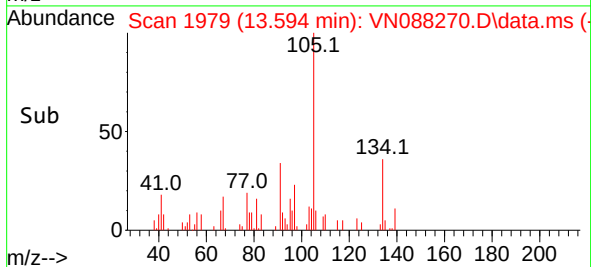
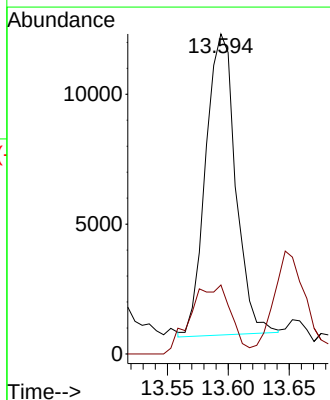
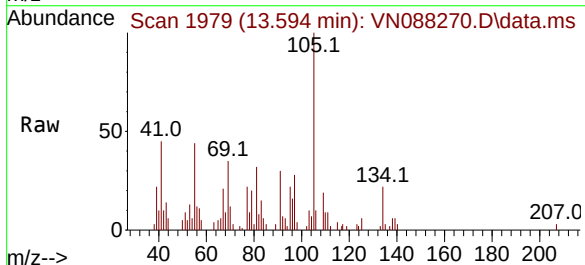
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0314-0316-COMPME

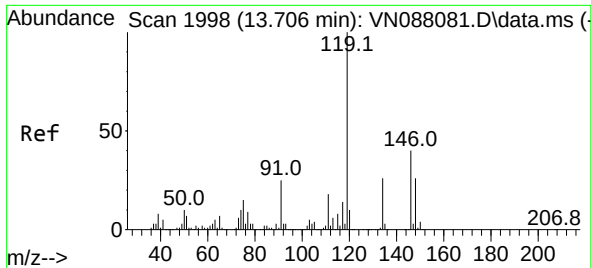
Tgt Ion:105 Resp: 190676
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0



#85
sec-Butylbenzene
Concen: 1.371 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088270.D
Acq: 12 Nov 2025 12:53

Tgt Ion:105 Resp: 19849
Ion Ratio Lower Upper
105 100
134 30.9 9.6 28.6#





#86
 p-Isopropyltoluene
 Concen: 1.670 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088270.D
 Acq: 12 Nov 2025 12:53

Instrument : MSVOA_N
 ClientSampleId : MOO-25-0314-0316-COMPME

Tgt Ion:	119	Resp:	19395
Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.7	38.0
91	22.8	12.5	37.5

