

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087347.D
 Acq On : 17 Jul 2025 16:09
 Operator : JC\MD
 Sample : Q2620-01
 Misc : 1.00g/10.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GAS-BUR-25-0010

Quant Time: Jul 18 01:26:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

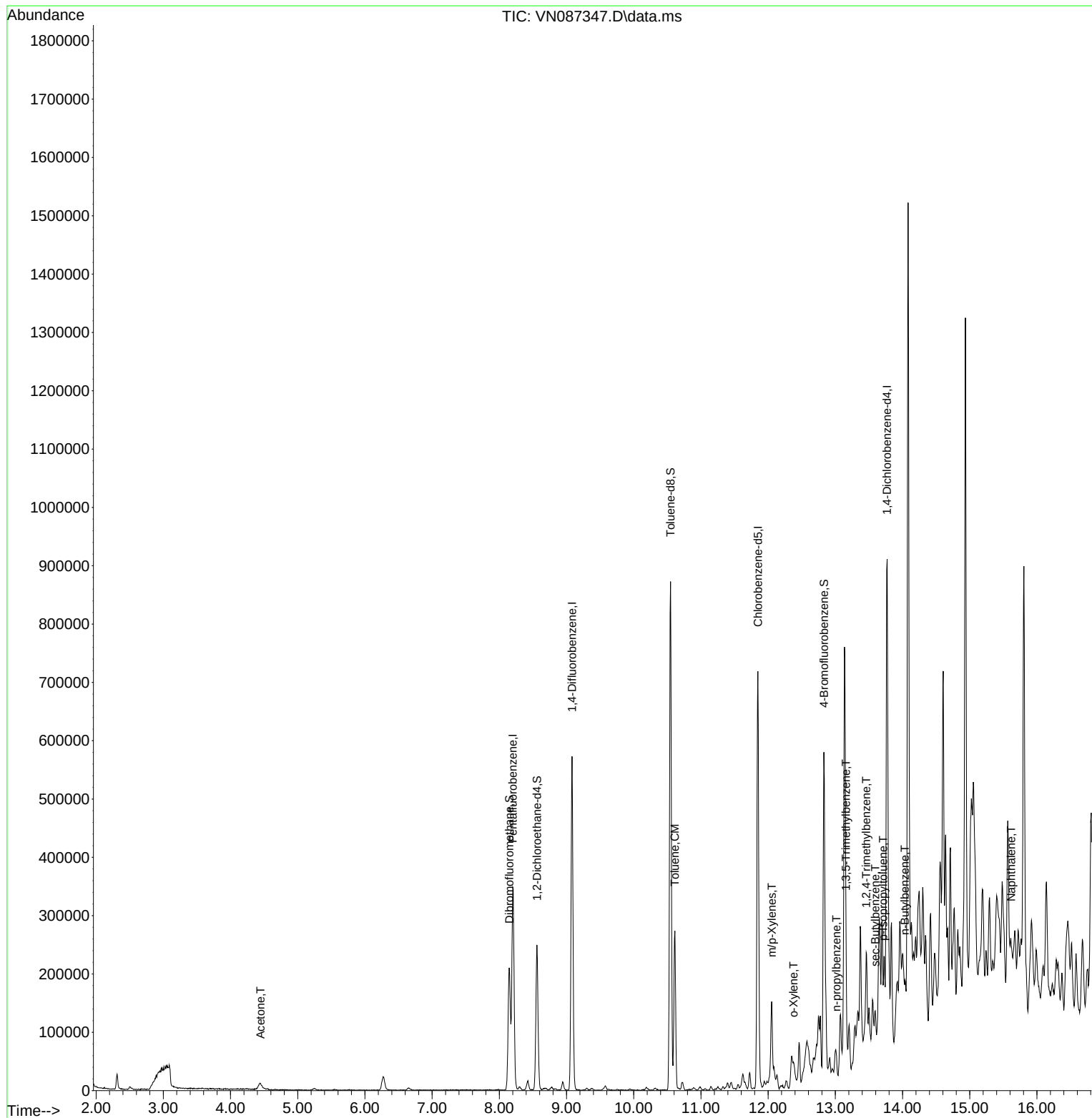
Internal Standards						
1) Pentafluorobenzene	8.200	168	252125	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.083	114	488022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	421082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	198568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	204961	47.910	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.820%
35) Dibromofluoromethane	8.147	113	157880	46.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.800%
50) Toluene-d8	10.547	98	605142	50.394	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.829	95	195153	43.988	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.980%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	23935	11.933	ug/l	100
52) Toluene	10.612	92	120191	13.756	ug/l	97
68) m/p-Xylenes	12.053	106	9389	1.611	ug/l	93
69) o-Xylene	12.377	106	6178	1.110	ug/l	89
78) n-propylbenzene	13.018	91	19963	1.270	ug/l	98
80) 1,3,5-Trimethylbenzene	13.159	105	31898	2.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	110119	10.127	ug/l	98
85) sec-Butylbenzene	13.594	105	17753	1.325	ug/l	82
86) p-Isopropyltoluene	13.712	119	10974	1.022	ug/l	93
89) n-Butylbenzene	14.035	91	27602	2.693	ug/l #	81
95) Naphthalene	15.617	128	96819	7.721	ug/l	97

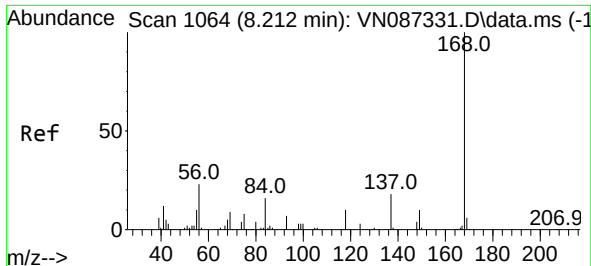
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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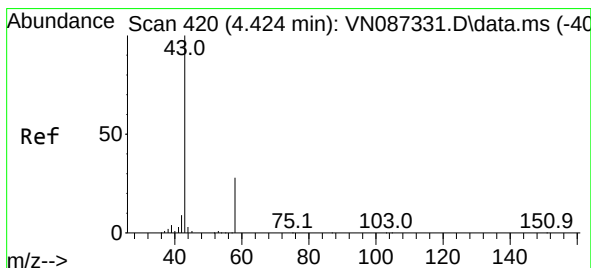
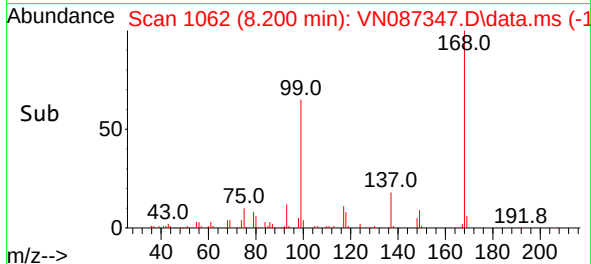
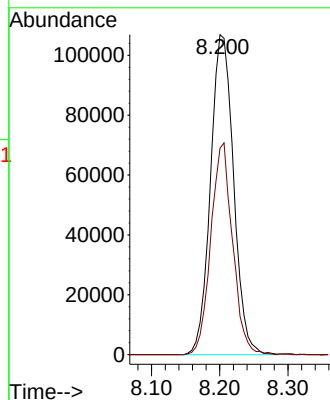
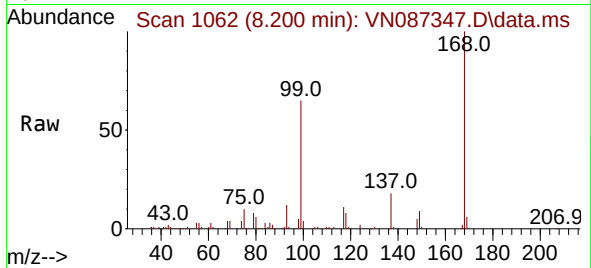




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1064
Delta R.T. -0.012 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

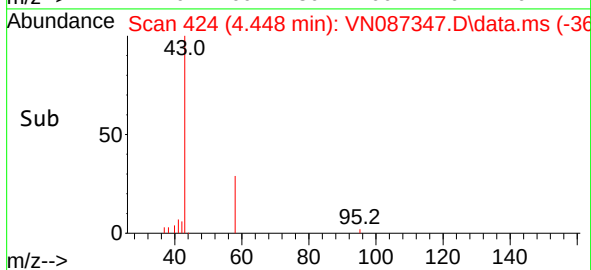
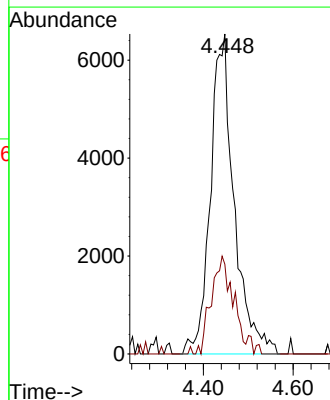
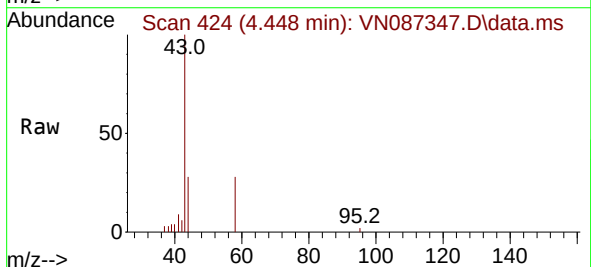
Instrument :
MSVOA_N
ClientSampleId :
GAS-BUR-25-0010

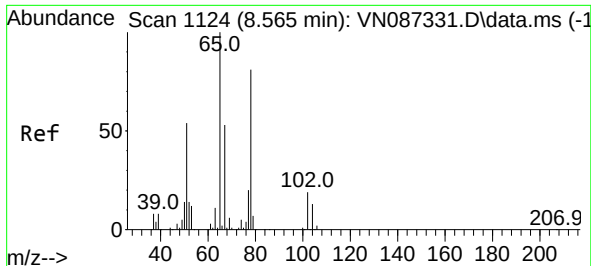
Tgt Ion:168 Resp: 252125
Ion Ratio Lower Upper
168 100
99 64.6 47.9 71.9



#16
Acetone
Concen: 11.933 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

Tgt Ion: 43 Resp: 23935
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5





#33

1,2-Dichloroethane-d4

Concen: 47.910 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087347.D

Acq: 17 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

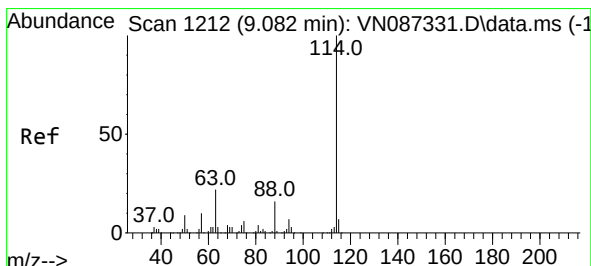
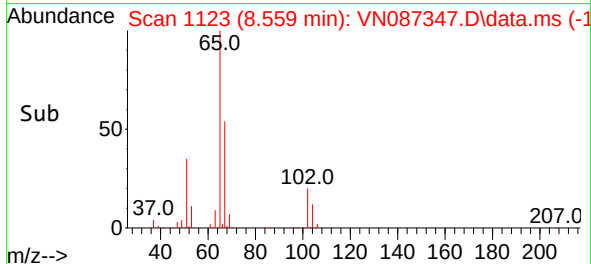
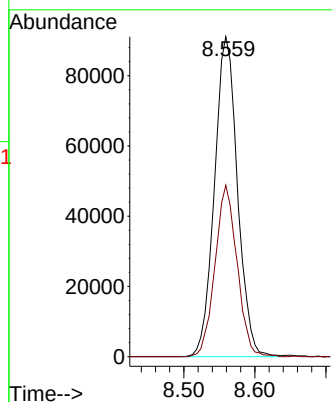
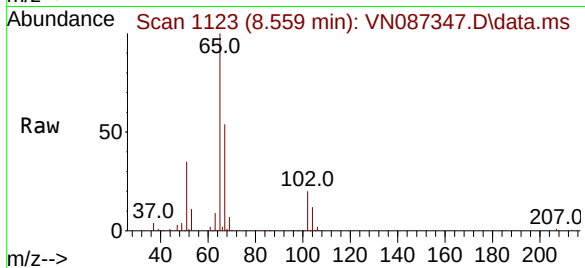
GAS-BUR-25-0010

Tgt Ion: 65 Resp: 204961

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VN087347.D

Acq: 17 Jul 2025 16:09

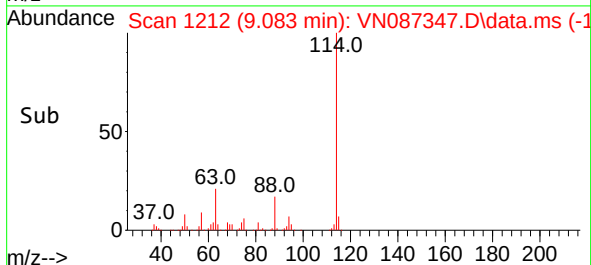
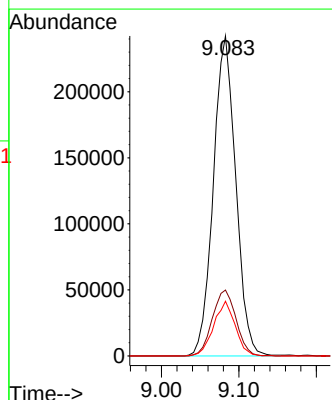
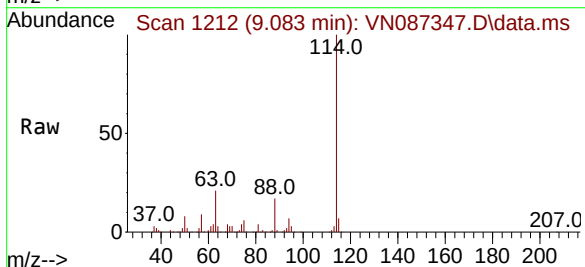
Tgt Ion: 114 Resp: 488022

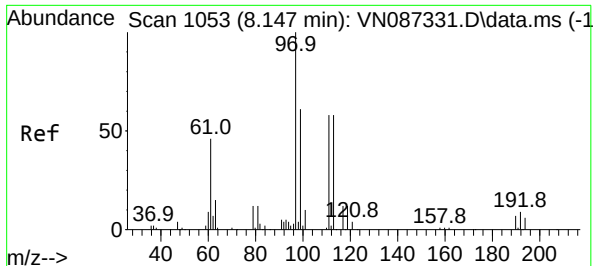
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.6

88 17.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.899 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087347.D

Acq: 17 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

GAS-BUR-25-0010

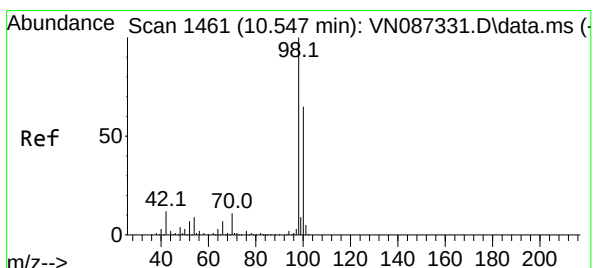
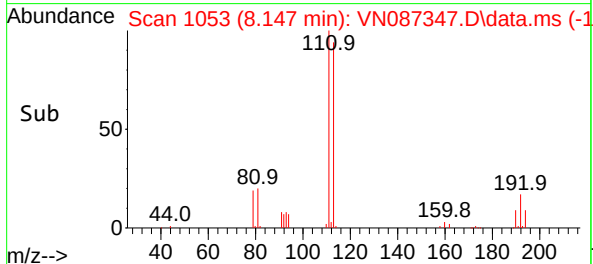
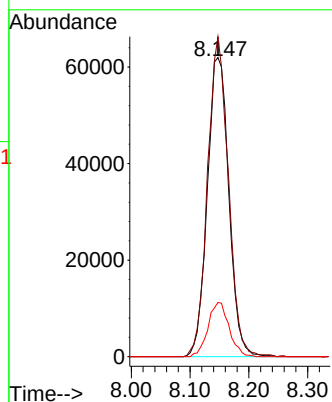
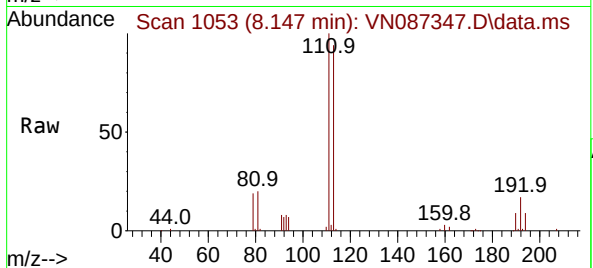
Tgt Ion:113 Resp: 157880

Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 17.8 13.7 20.5



#50

Toluene-d8

Concen: 50.394 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087347.D

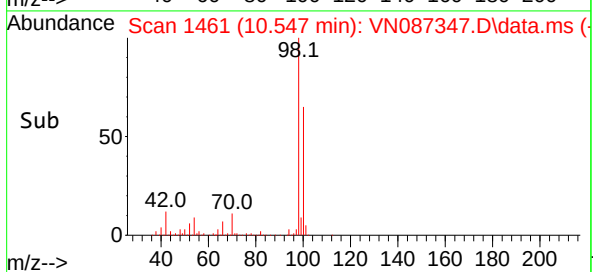
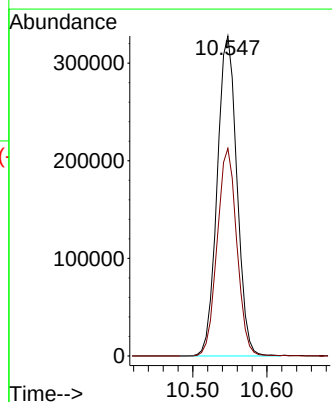
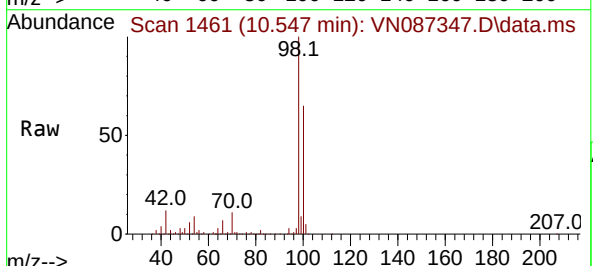
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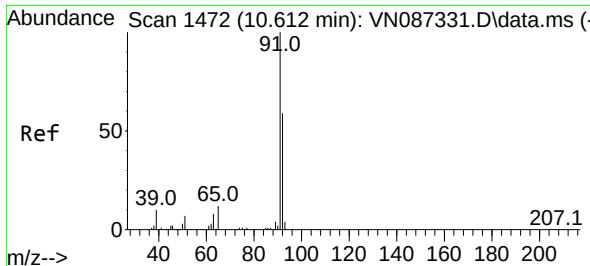
Tgt Ion: 98 Resp: 605142

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

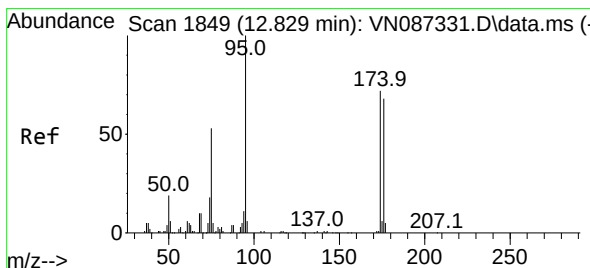
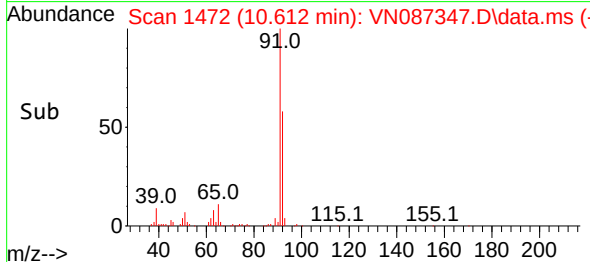
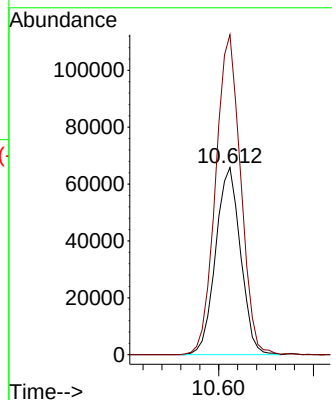
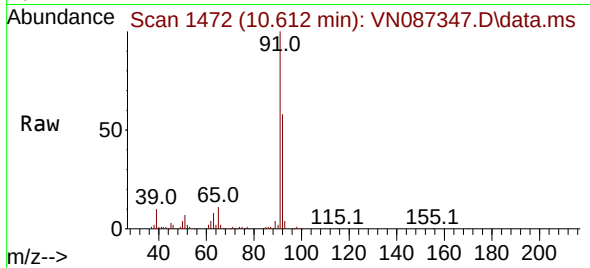




#52
Toluene
Concen: 13.756 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

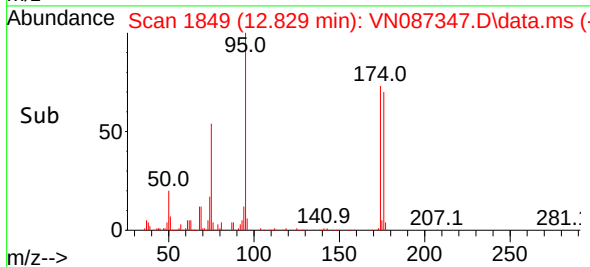
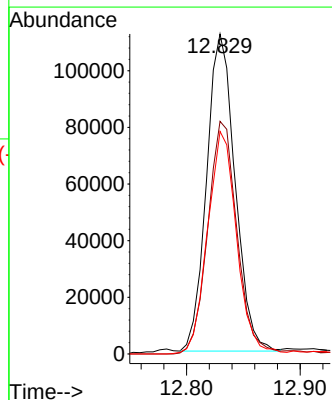
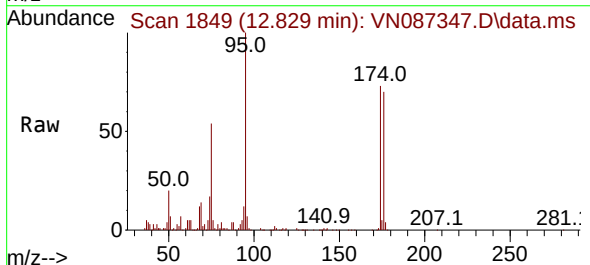
Instrument :
MSVOA_N
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GAS-BUR-25-0010

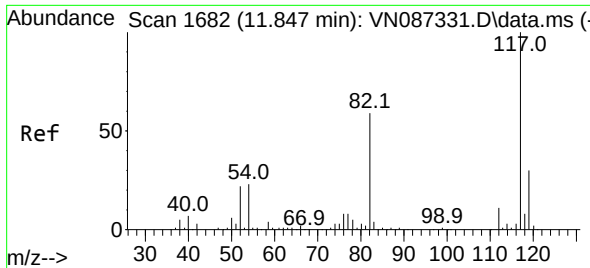
Tgt Ion: 92 Resp: 120191
Ion Ratio Lower Upper
92 100
91 172.4 135.1 202.7



#62
4-Bromofluorobenzene
Concen: 43.988 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

Tgt Ion: 95 Resp: 195153
Ion Ratio Lower Upper
95 100
174 76.2 0.0 149.4
176 71.5 0.0 141.2

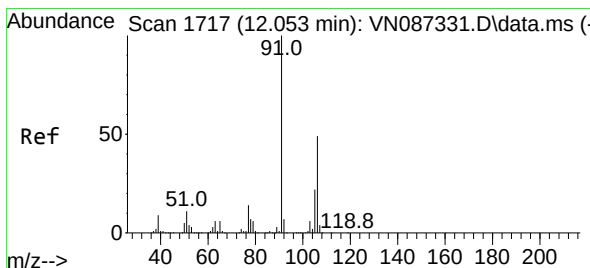
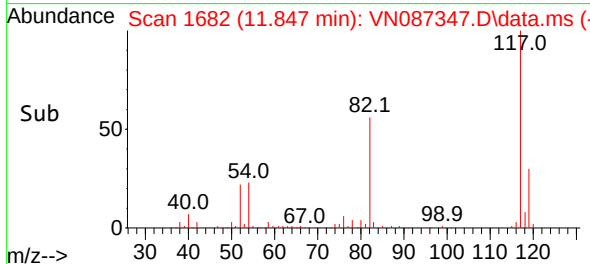
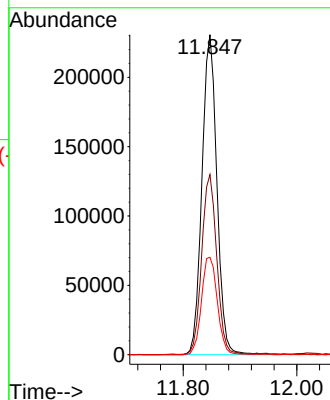
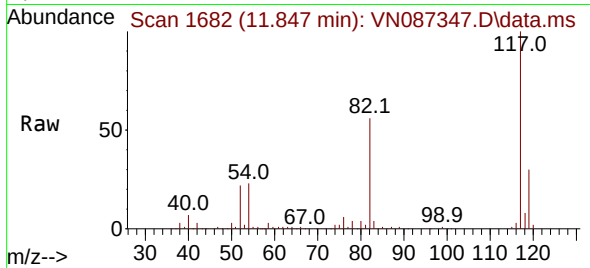




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

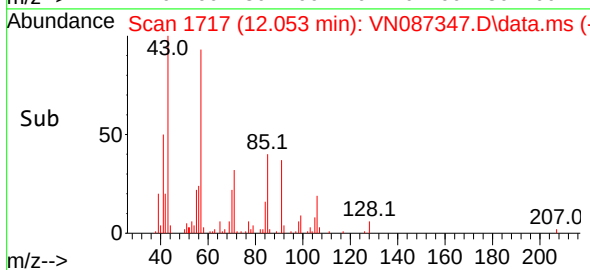
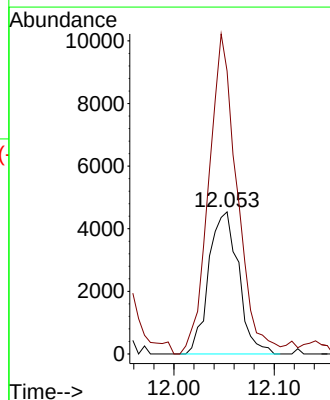
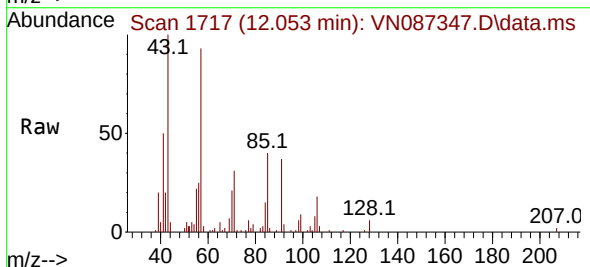
Instrument :
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ClientSampleId :
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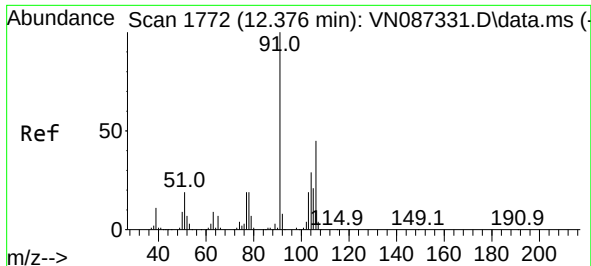
Tgt Ion:117 Resp: 421082
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 30.4 23.8 35.8



#68
m/p-Xylenes
Concen: 1.611 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

Tgt Ion:106 Resp: 9389
Ion Ratio Lower Upper
106 100
91 213.8 162.0 243.0

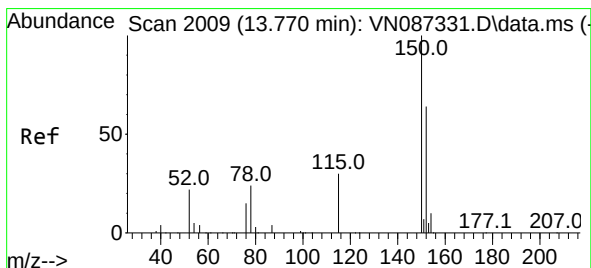
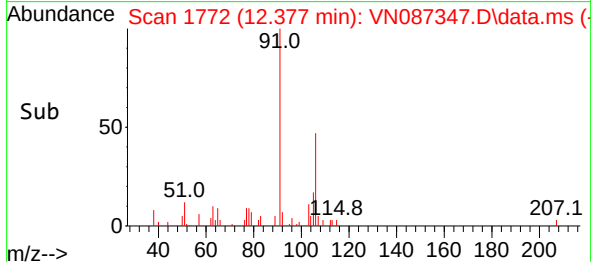
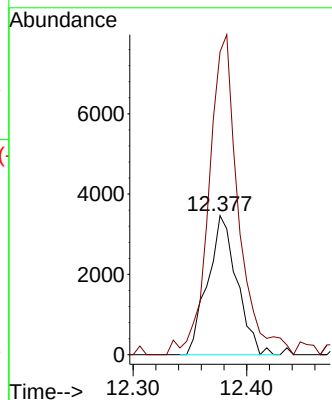
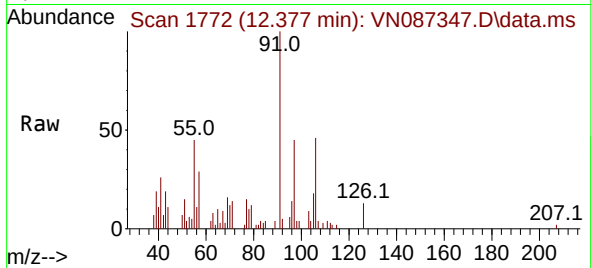




#69
o-Xylene
Concen: 1.110 ug/l
RT: 12.377 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

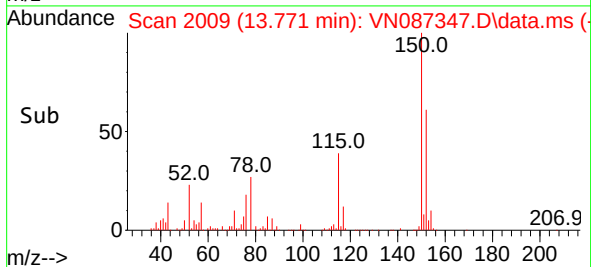
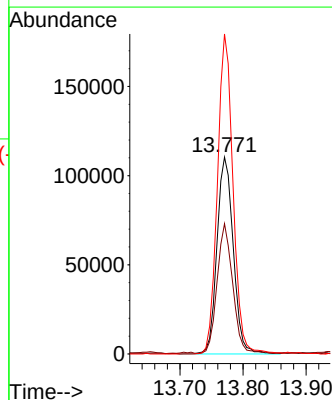
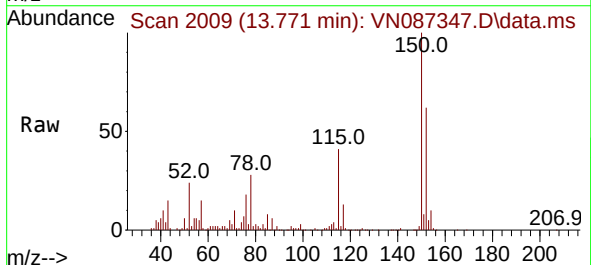
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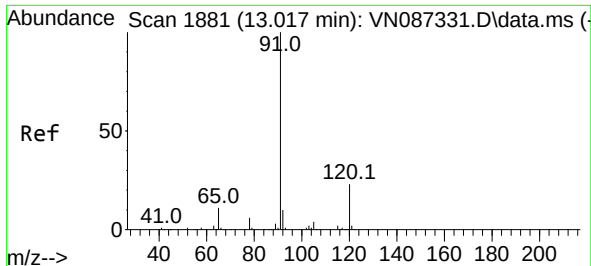
Tgt Ion:106 Resp: 6178
Ion Ratio Lower Upper
106 100
91 232.6 107.7 323.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

Tgt Ion:152 Resp: 198568
Ion Ratio Lower Upper
152 100
115 63.3 31.1 93.5
150 155.2 0.0 349.0

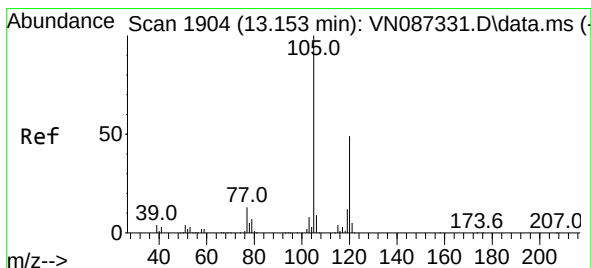
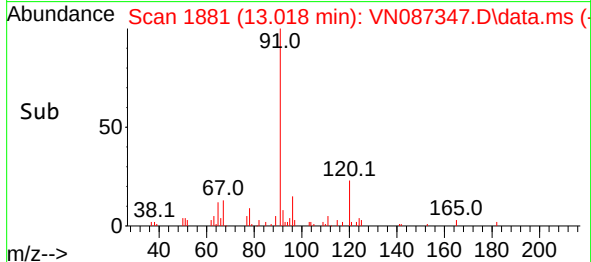
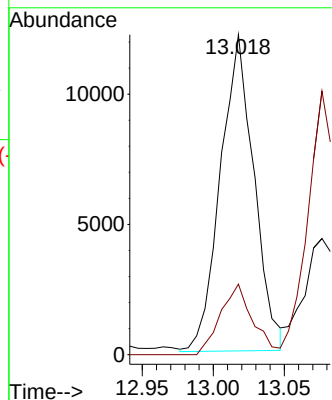
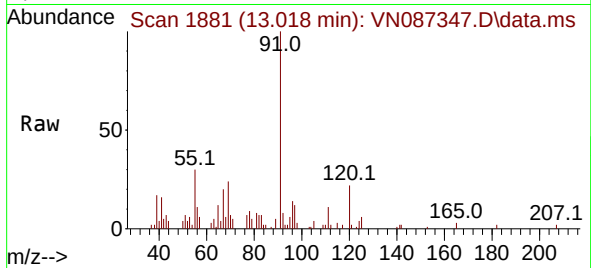




#78
n-propylbenzene
Concen: 1.270 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

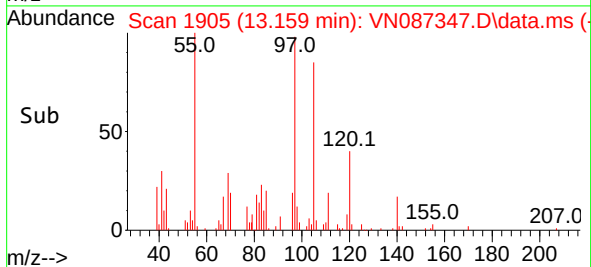
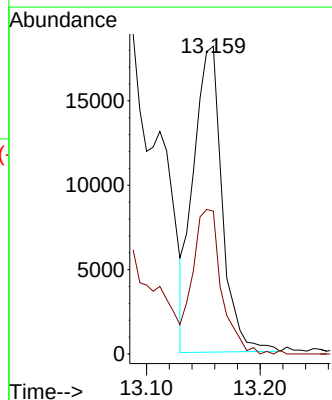
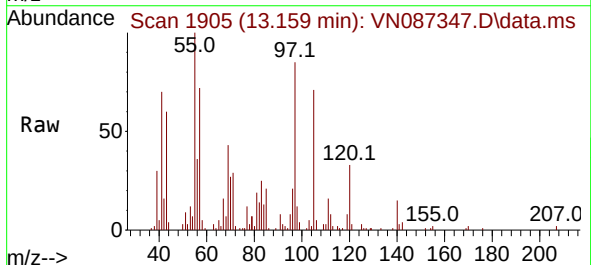
Instrument :
MSVOA_N
ClientSampleId :
GAS-BUR-25-0010

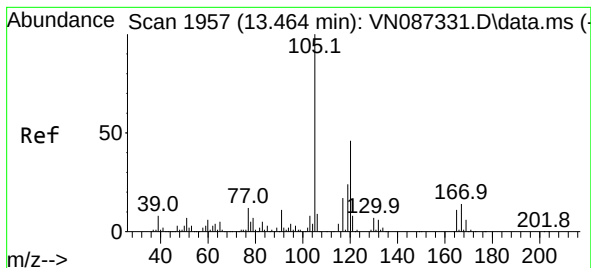
Tgt Ion: 91 Resp: 19963
Ion Ratio Lower Upper
91 100
120 21.5 11.3 33.8



#80
1,3,5-Trimethylbenzene
Concen: 2.996 ug/l
RT: 13.159 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

Tgt Ion: 105 Resp: 31898
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 10.127 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087347.D

Acq: 17 Jul 2025 16:09

Instrument :

MSVOA_N

ClientSampleId :

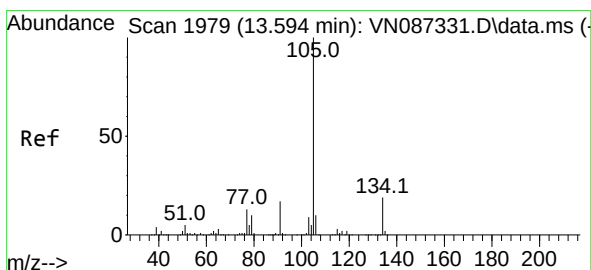
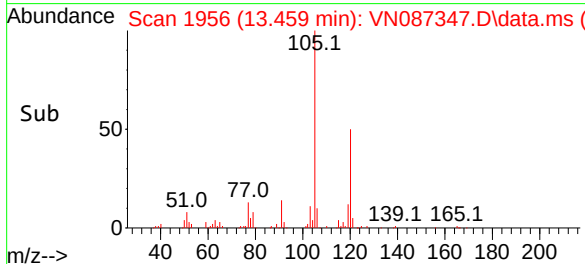
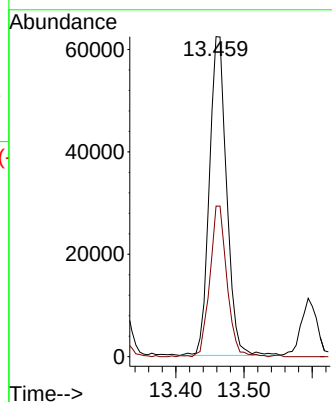
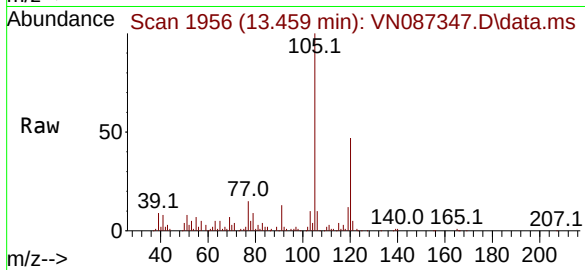
GAS-BUR-25-0010

Tgt Ion:105 Resp: 110119

Ion Ratio Lower Upper

105 100

120 46.7 22.8 68.3



#85

sec-Butylbenzene

Concen: 1.325 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087347.D

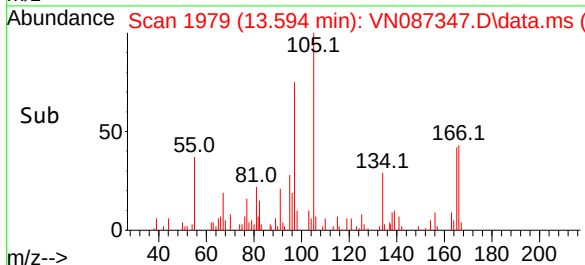
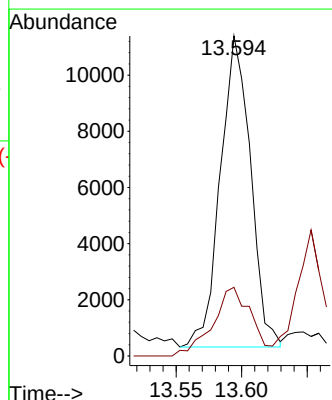
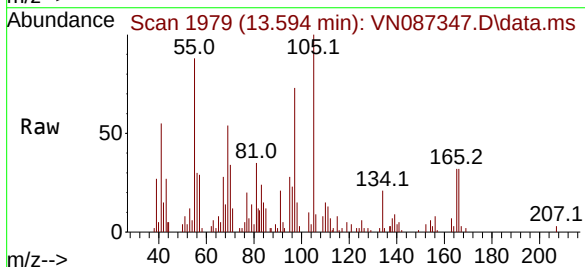
Acq: 17 Jul 2025 16:09

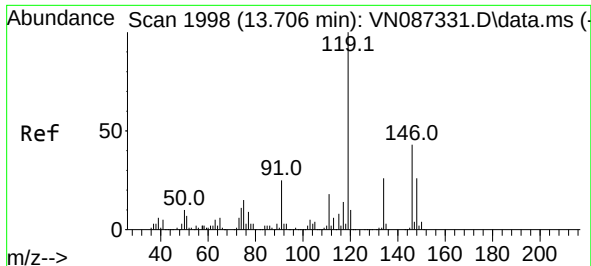
Tgt Ion:105 Resp: 17753

Ion Ratio Lower Upper

105 100

134 28.0 9.8 29.4

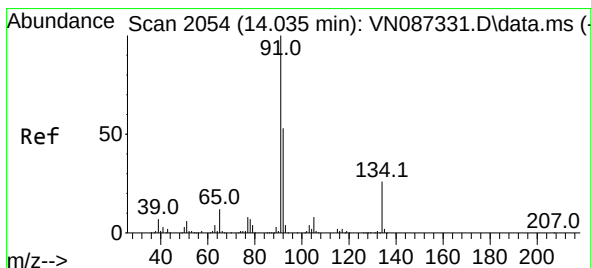
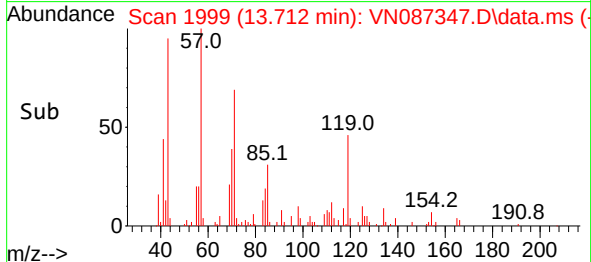
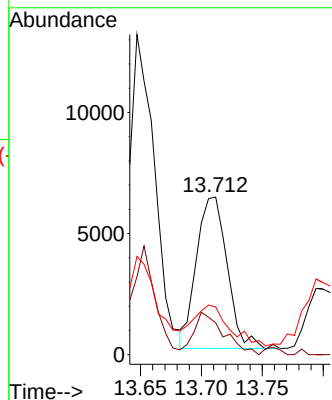
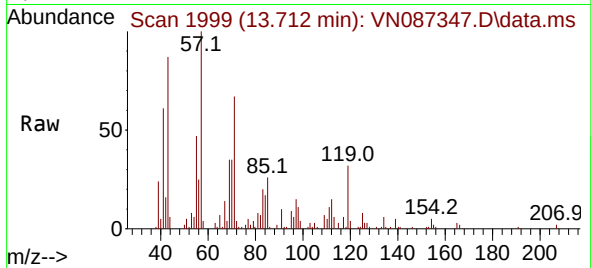




#86
p-Isopropyltoluene
Concen: 1.022 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

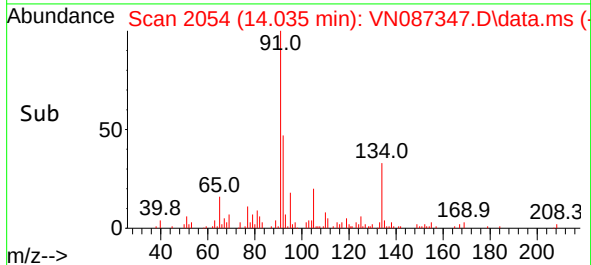
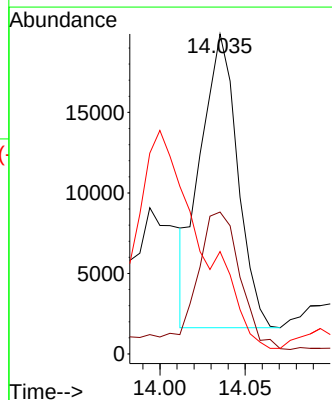
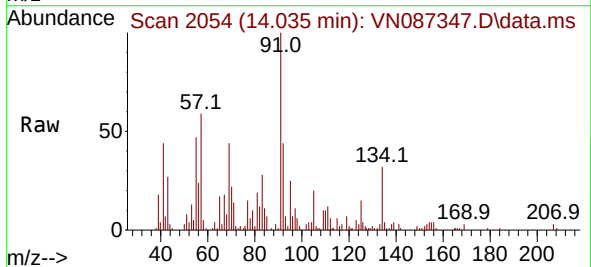
Instrument :
MSVOA_N
ClientSampleId :
GAS-BUR-25-0010

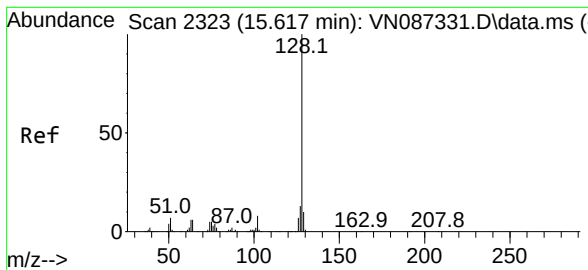
Tgt Ion:119 Resp: 10974
Ion Ratio Lower Upper
119 100
134 27.2 13.5 40.5
91 31.1 12.2 36.6



#89
n-Butylbenzene
Concen: 2.693 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

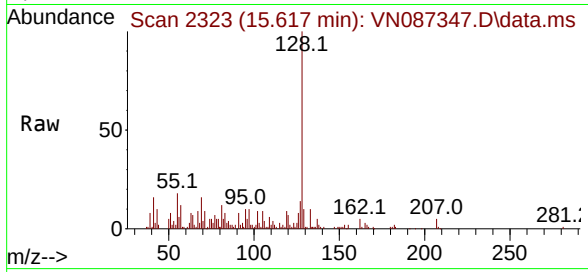
Tgt Ion: 91 Resp: 27602
Ion Ratio Lower Upper
91 100
92 55.4 26.2 78.6
134 0.0 12.4 37.2#





#95
Naphthalene
Concen: 7.721 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087347.D
Acq: 17 Jul 2025 16:09

Instrument :
MSVOA_N
ClientSampleId :
GAS-BUR-25-0010



Tgt Ion:128 Resp: 96819

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	12.4	8.4	12.6

