

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086319.D
 Acq On : 17 Apr 2025 14:05
 Operator : JC\MD
 Sample : Q1818-01
 Misc : 1.14g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3822

Quant Time: Apr 18 01:31:17 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)

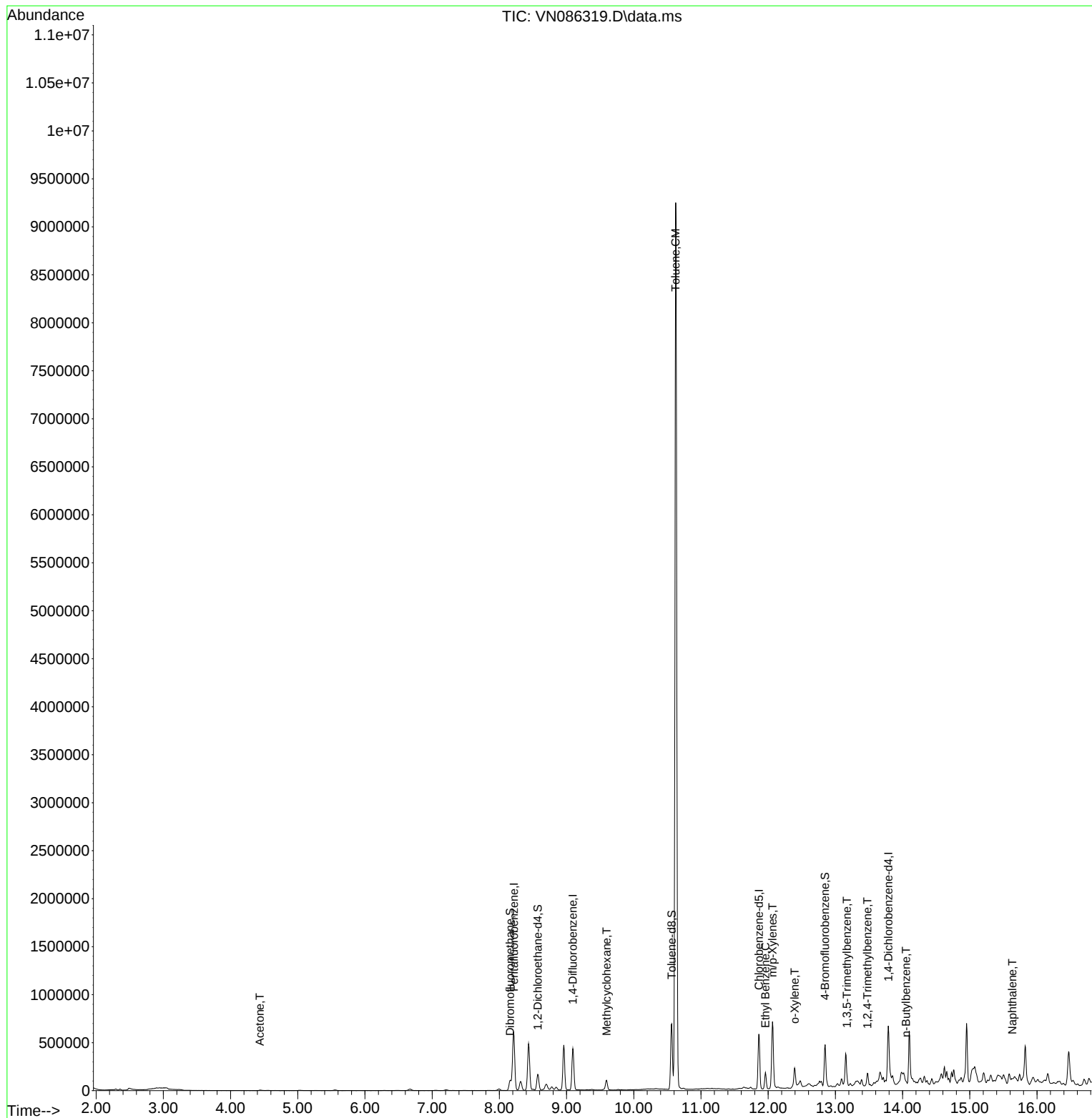
Internal Standards						
1) Pentafluorobenzene	8.218	168	201133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	383765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	140065	48.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.040%
35) Dibromofluoromethane	8.159	113	78791	44.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.480%
50) Toluene-d8	10.565	98	485945	51.050	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.847	95	168668	48.579	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.160%
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	11101	5.426	ug/l	96
39) Methylcyclohexane	9.594	83	45531	10.768	ug/l	96
52) Toluene	10.624	92	4115961	578.734	ug/l	99
67) Ethyl Benzene	11.959	91	127513	9.144	ug/l	100
68) m/p-Xylenes	12.065	106	202130	38.686	ug/l	98
69) o-Xylene	12.394	106	54153	10.480	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	18566	1.873	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	80943	8.023	ug/l	95
89) n-Butylbenzene	14.053	91	16677	1.916	ug/l #	84
95) Naphthalene	15.635	128	28693	3.457	ug/l #	85

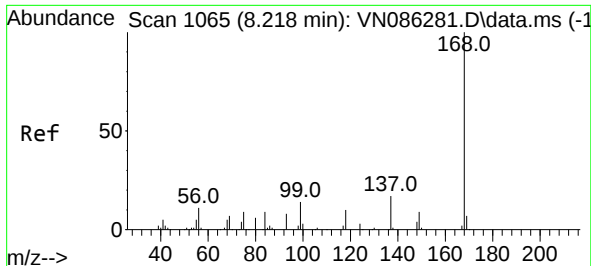
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

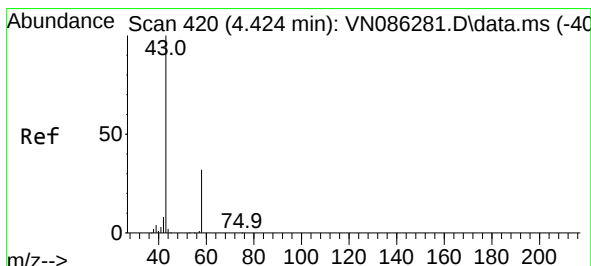
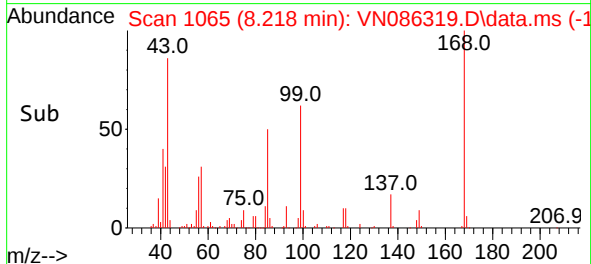
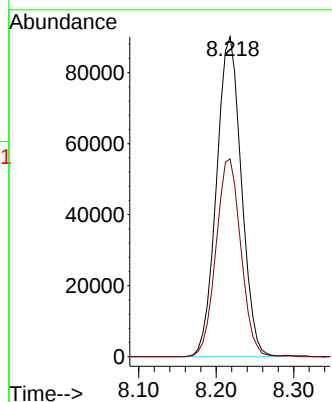
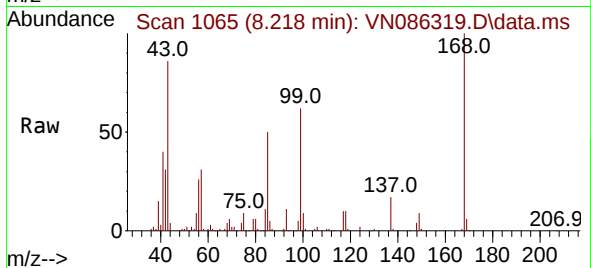




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

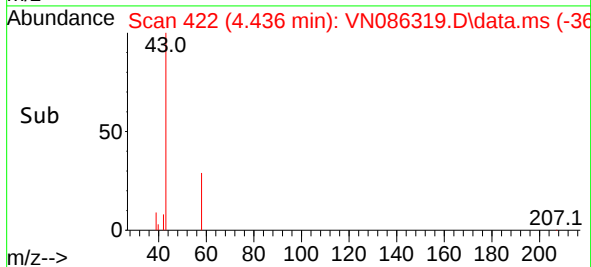
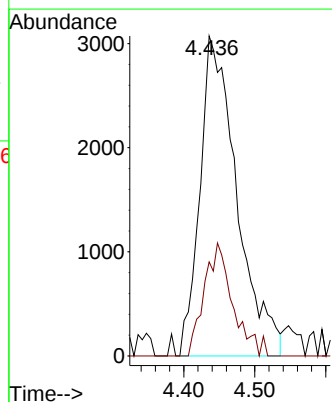
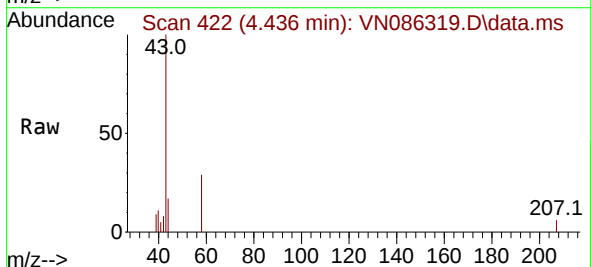
Instrument :
MSVOA_N
ClientSampleId :
3822

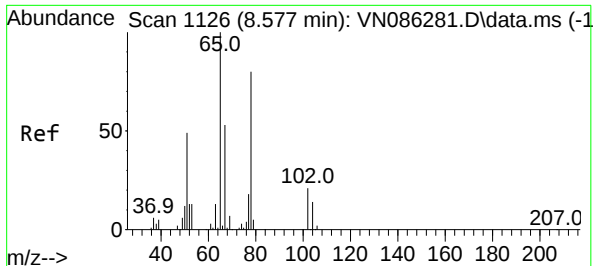
Tgt Ion:168 Resp: 201133
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7



#16
Acetone
Concen: 5.426 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 43 Resp: 11101
Ion Ratio Lower Upper
43 100
58 29.4 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 48.023 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086319.D

Acq: 17 Apr 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

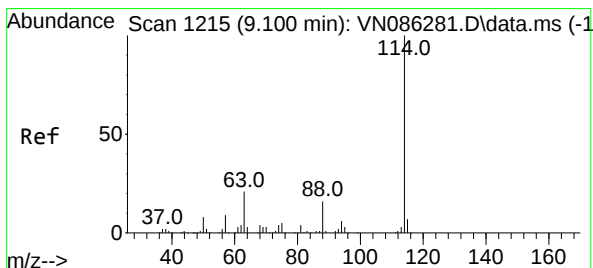
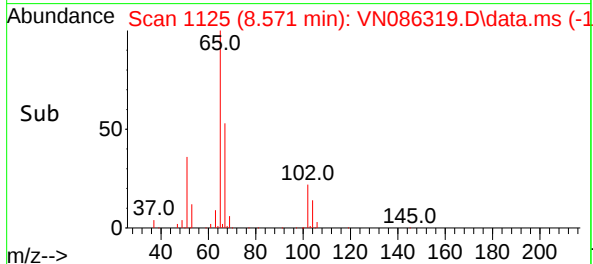
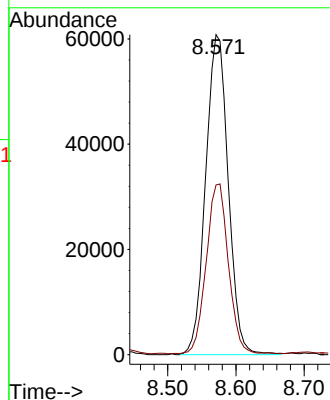
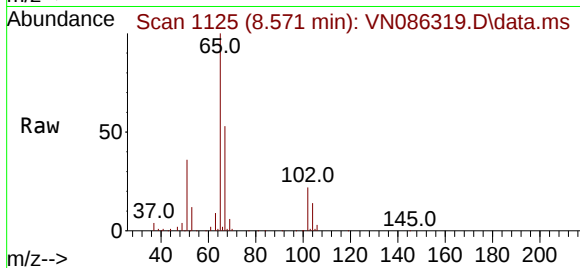
3822

Tgt Ion: 65 Resp: 140065

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086319.D

Acq: 17 Apr 2025 14:05

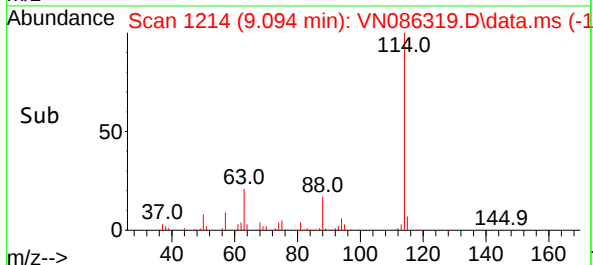
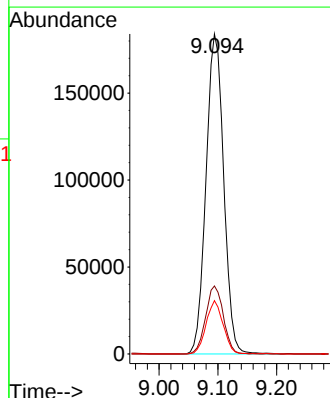
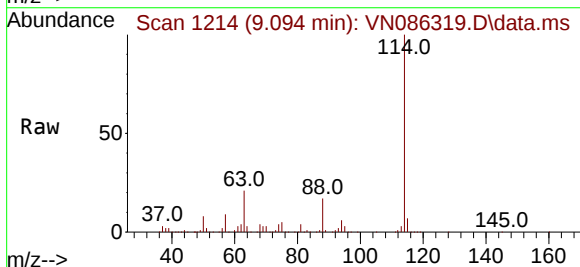
Tgt Ion: 114 Resp: 383765

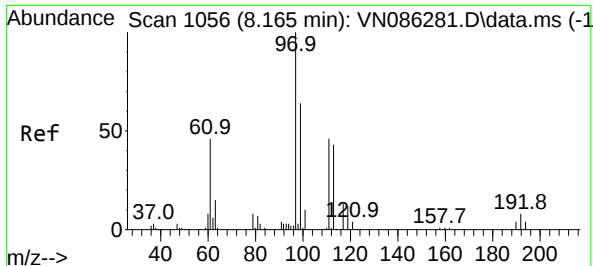
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.6 0.0 31.8

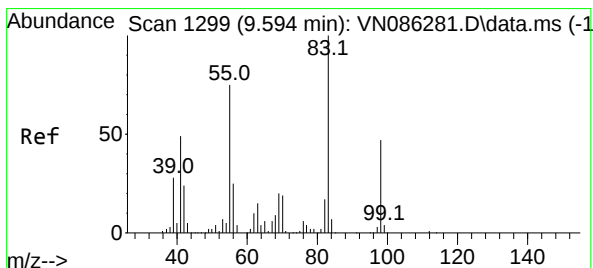
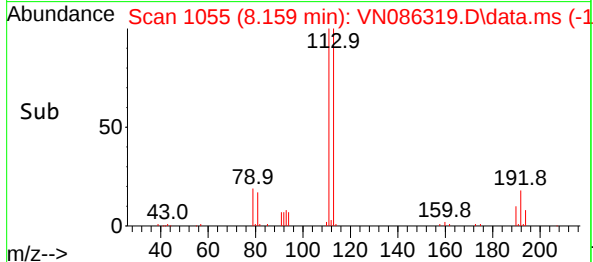
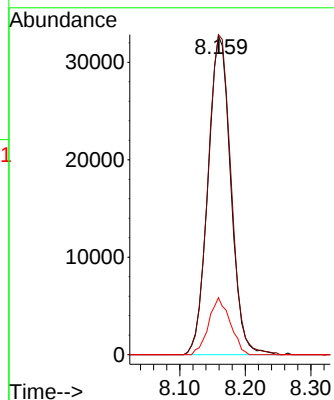
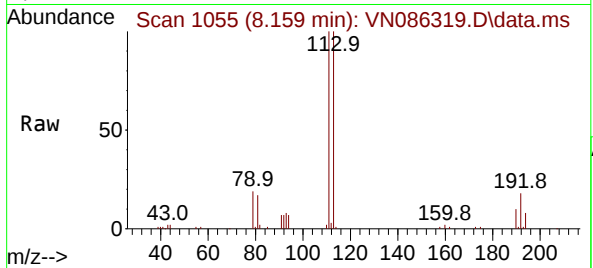




#35
Dibromofluoromethane
Concen: 44.237 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

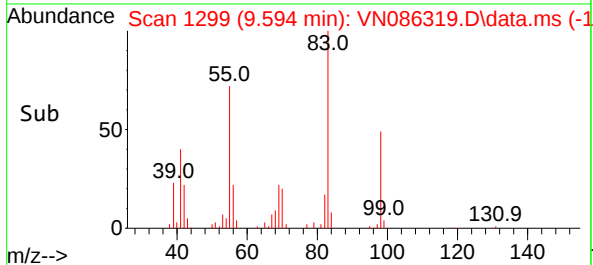
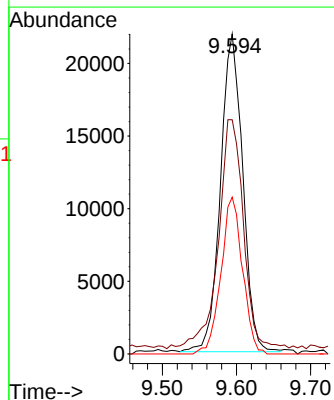
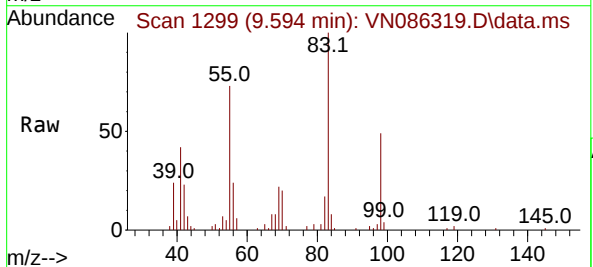
Instrument :
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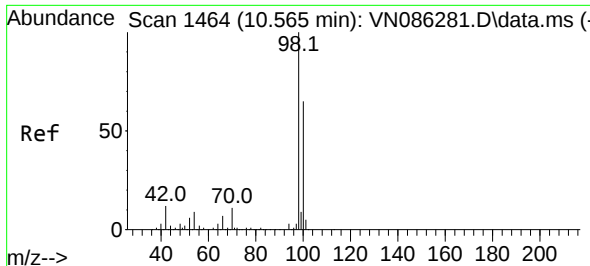
Tgt Ion:113 Resp: 78791
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.0
192 16.9 13.7 20.5



#39
Methylcyclohexane
Concen: 10.768 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 83 Resp: 45531
Ion Ratio Lower Upper
83 100
55 71.2 59.8 89.8
98 49.3 37.9 56.9

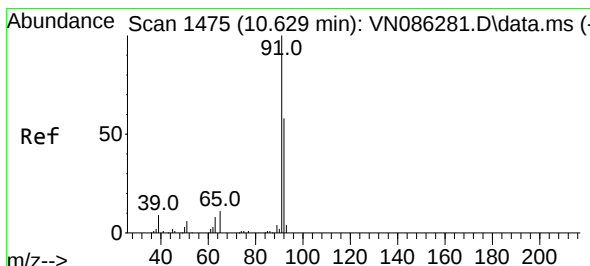
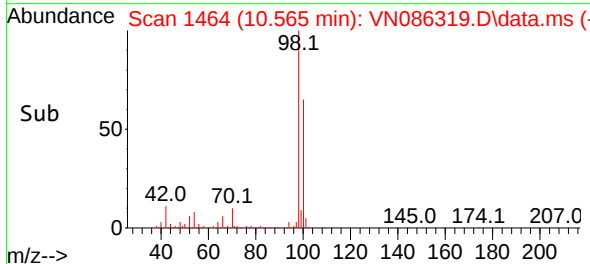
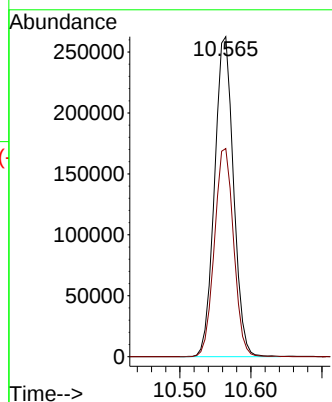
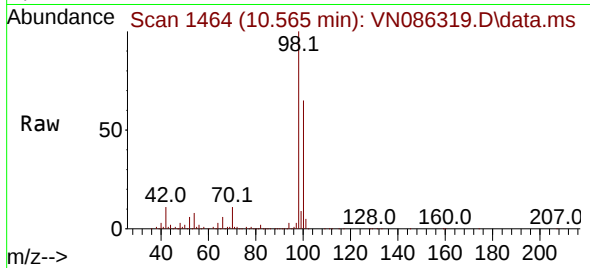




#50
Toluene-d8
Concen: 51.050 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

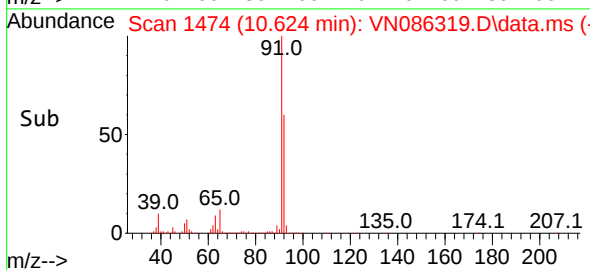
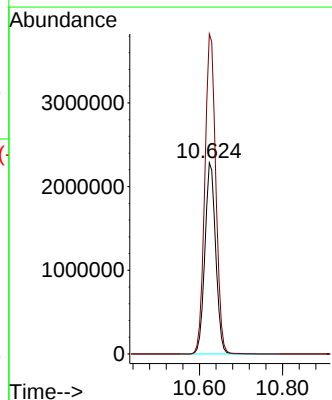
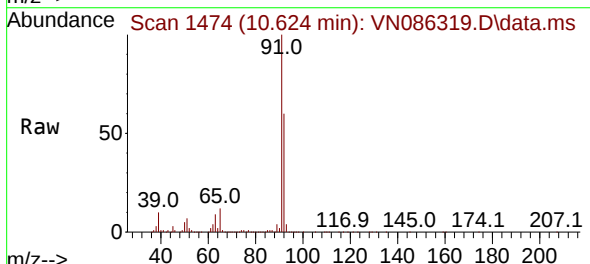
Instrument :
MSVOA_N
ClientSampleId :
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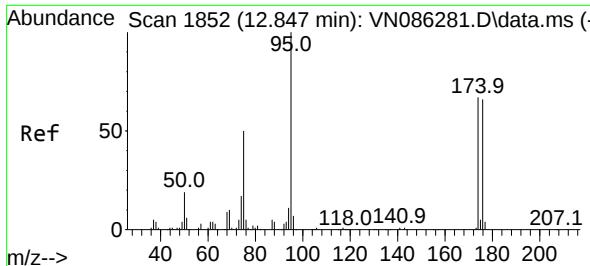
Tgt Ion: 98 Resp: 485945
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#52
Toluene
Concen: 578.734 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 92 Resp: 4115961
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9

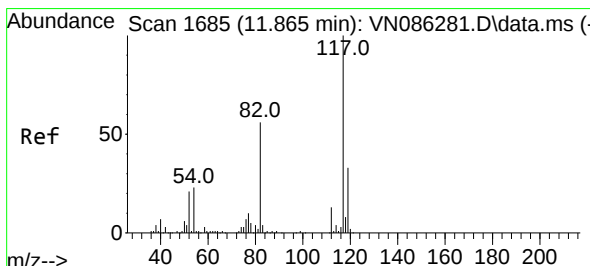
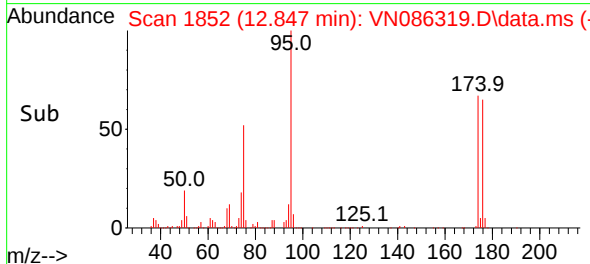
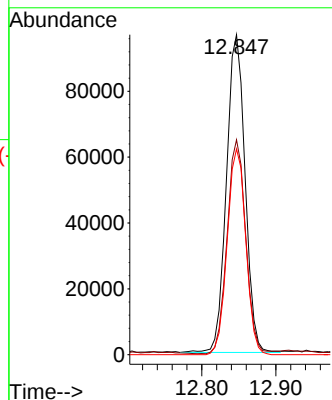
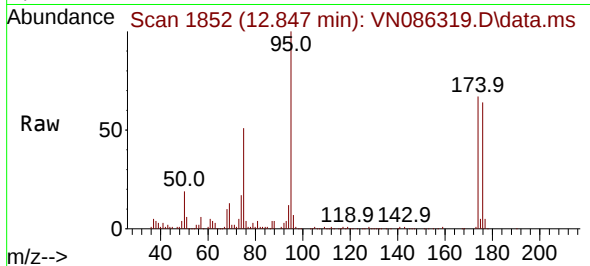




#62
4-Bromofluorobenzene
Concen: 48.579 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

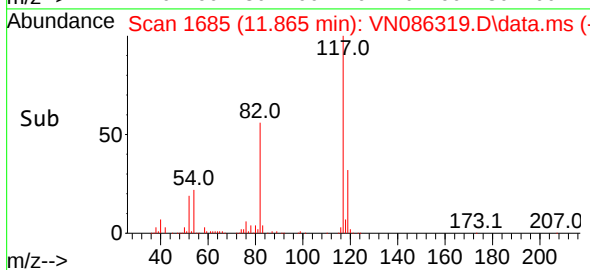
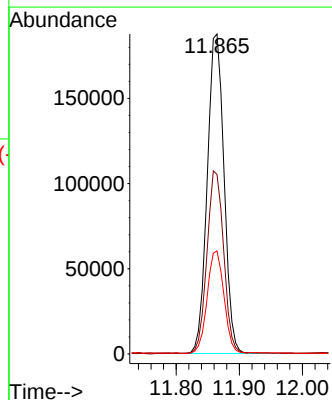
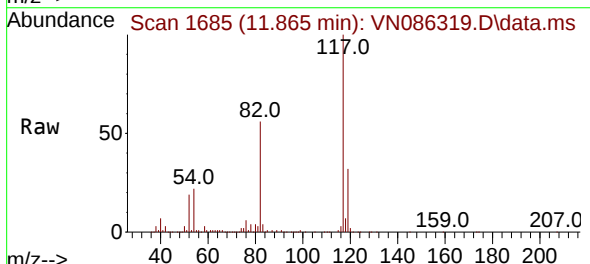
Instrument :
MSVOA_N
ClientSampleId :
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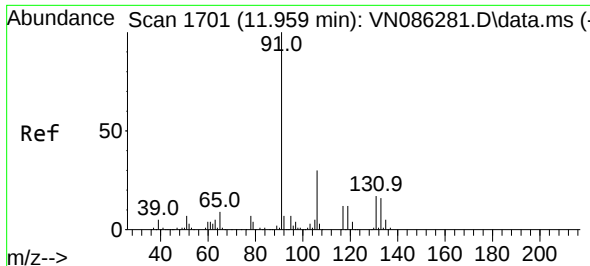
Tgt Ion: 95 Resp: 168668
Ion Ratio Lower Upper
95 100
174 67.3 0.0 133.4
176 64.4 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 117 Resp: 346262
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 32.0 26.4 39.6

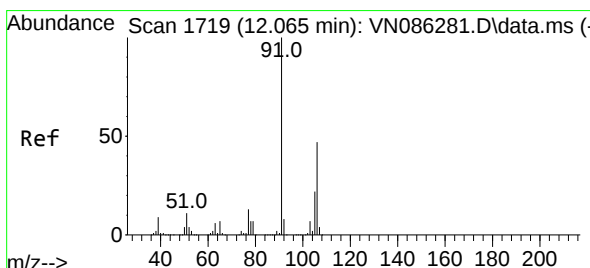
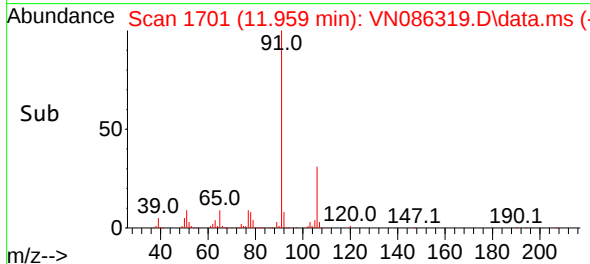
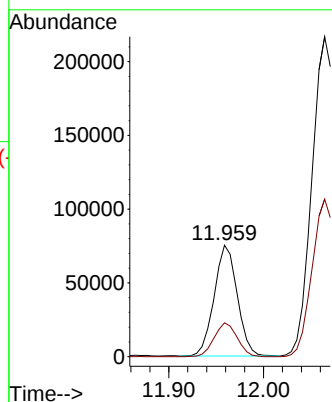
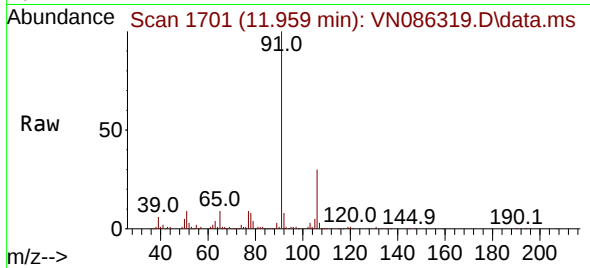




#67
Ethyl Benzene
Concen: 9.144 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

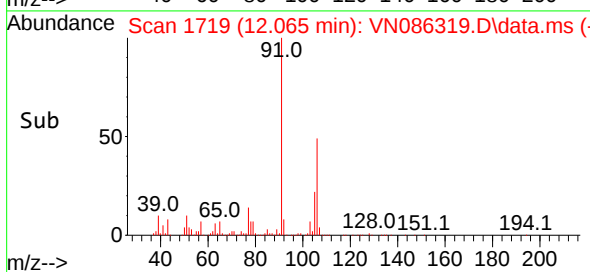
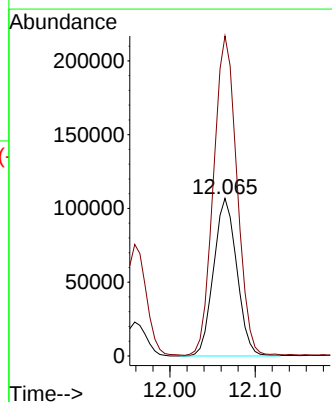
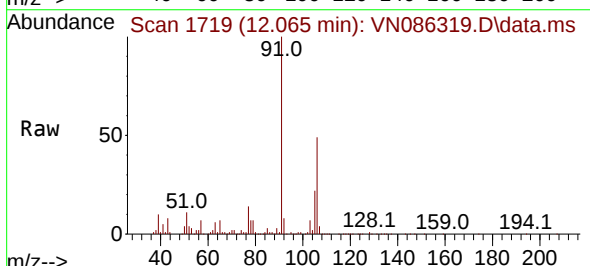
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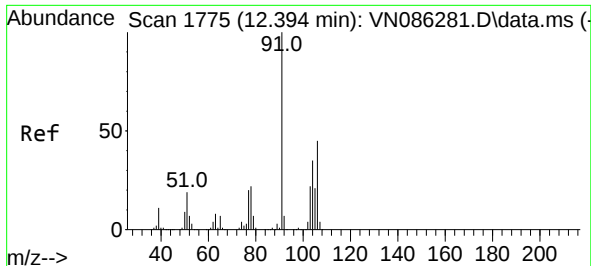
Tgt Ion: 91 Resp: 127513
Ion Ratio Lower Upper
91 100
106 30.6 24.3 36.5



#68
m/p-Xylenes
Concen: 38.686 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Tgt Ion:106 Resp: 202130
Ion Ratio Lower Upper
106 100
91 204.6 166.5 249.7

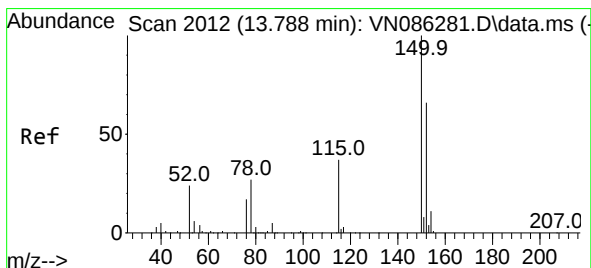
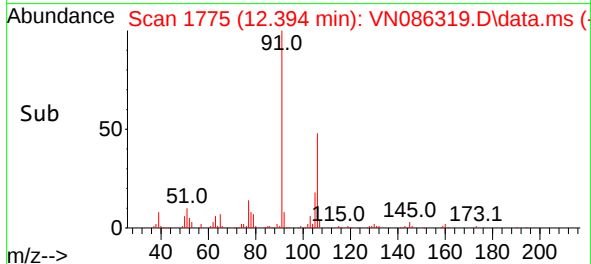
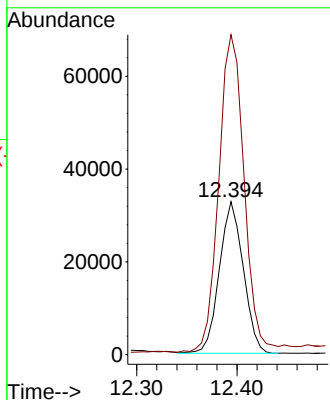
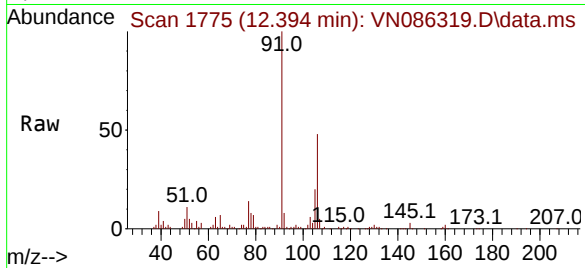




#69
o-Xylene
Concen: 10.480 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

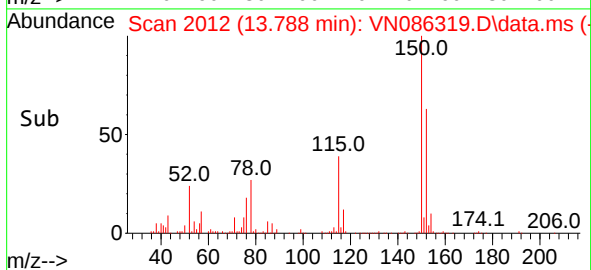
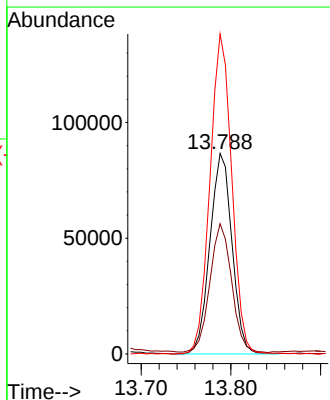
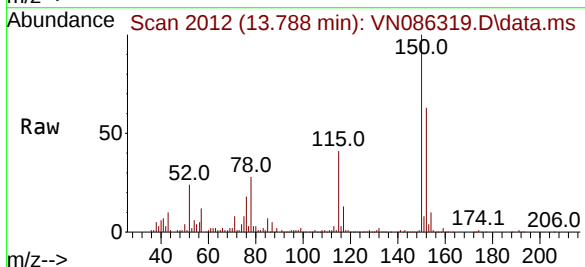
Instrument :
MSVOA_N
ClientSampleId :
3822

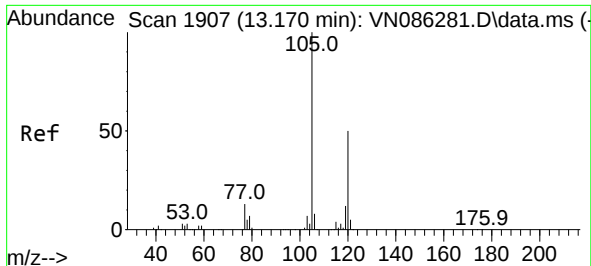
Tgt Ion:106 Resp: 54153
Ion Ratio Lower Upper
106 100
91 223.4 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Tgt Ion:152 Resp: 148041
Ion Ratio Lower Upper
152 100
115 63.3 31.9 95.9
150 157.3 0.0 352.0

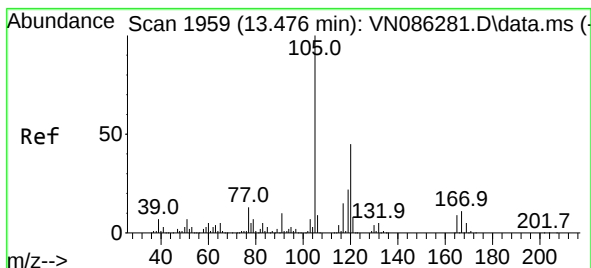
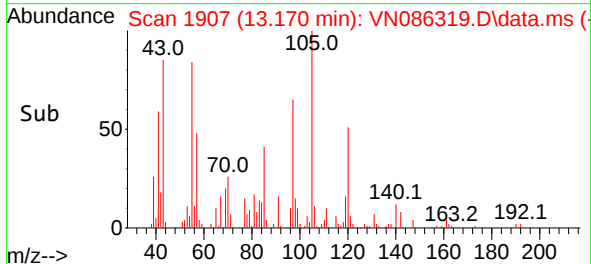
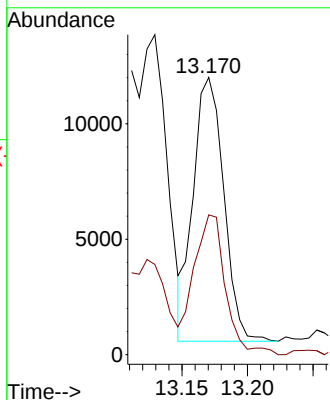
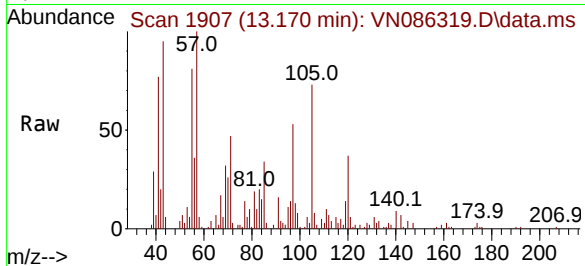




#80
 1,3,5-Trimethylbenzene
 Concen: 1.873 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086319.D
 Acq: 17 Apr 2025 14:05

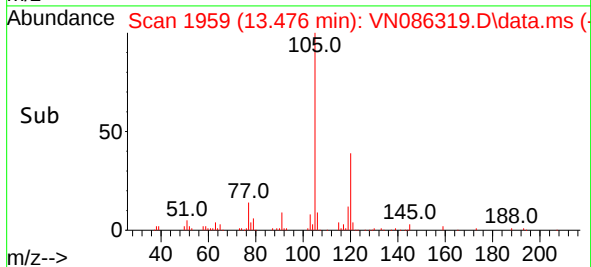
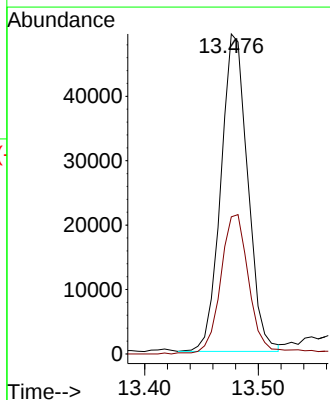
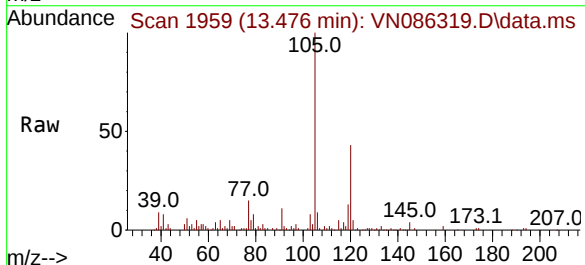
Instrument :
 MSVOA_N
 ClientSampleId :
 3822

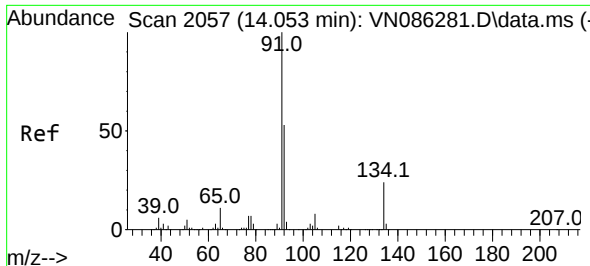
Tgt Ion:105 Resp: 18566
 Ion Ratio Lower Upper
 105 100
 120 54.7 24.5 73.5



#84
 1,2,4-Trimethylbenzene
 Concen: 8.023 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086319.D
 Acq: 17 Apr 2025 14:05

Tgt Ion:105 Resp: 80943
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.4 67.3

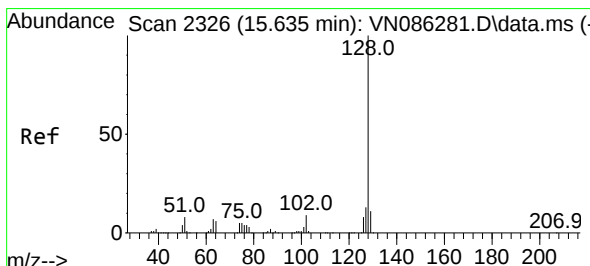
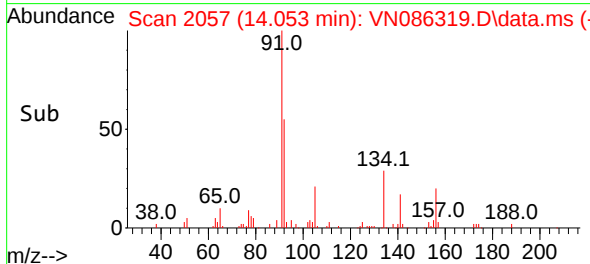
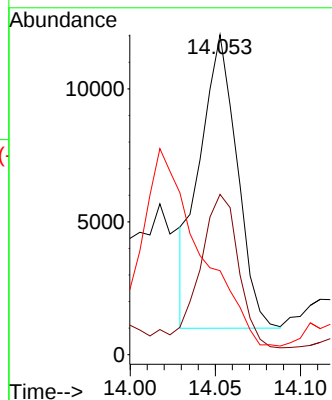
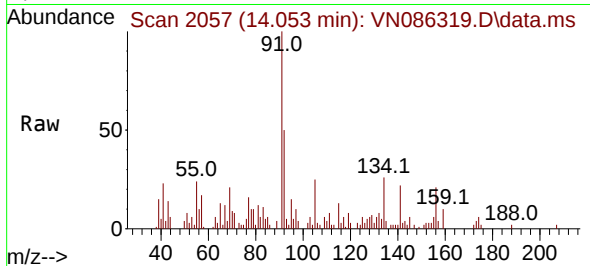




#89
n-Butylbenzene
Concen: 1.916 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Instrument :
MSVOA_N
ClientSampleId :
3822

Tgt Ion: 91 Resp: 16677
Ion Ratio Lower Upper
91 100
92 54.3 26.8 80.4
134 0.0 12.2 36.6#



#95
Naphthalene
Concen: 3.457 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086319.D
Acq: 17 Apr 2025 14:05

Tgt Ion:128 Resp: 28693
Ion Ratio Lower Upper
128 100
127 19.0 10.2 15.4#
129 15.9 8.6 13.0#

