

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086732.D
 Acq On : 21 May 2025 15:29
 Operator : JC\MD
 Sample : Q2078-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A1-06A-G

Quant Time: May 22 01:24:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

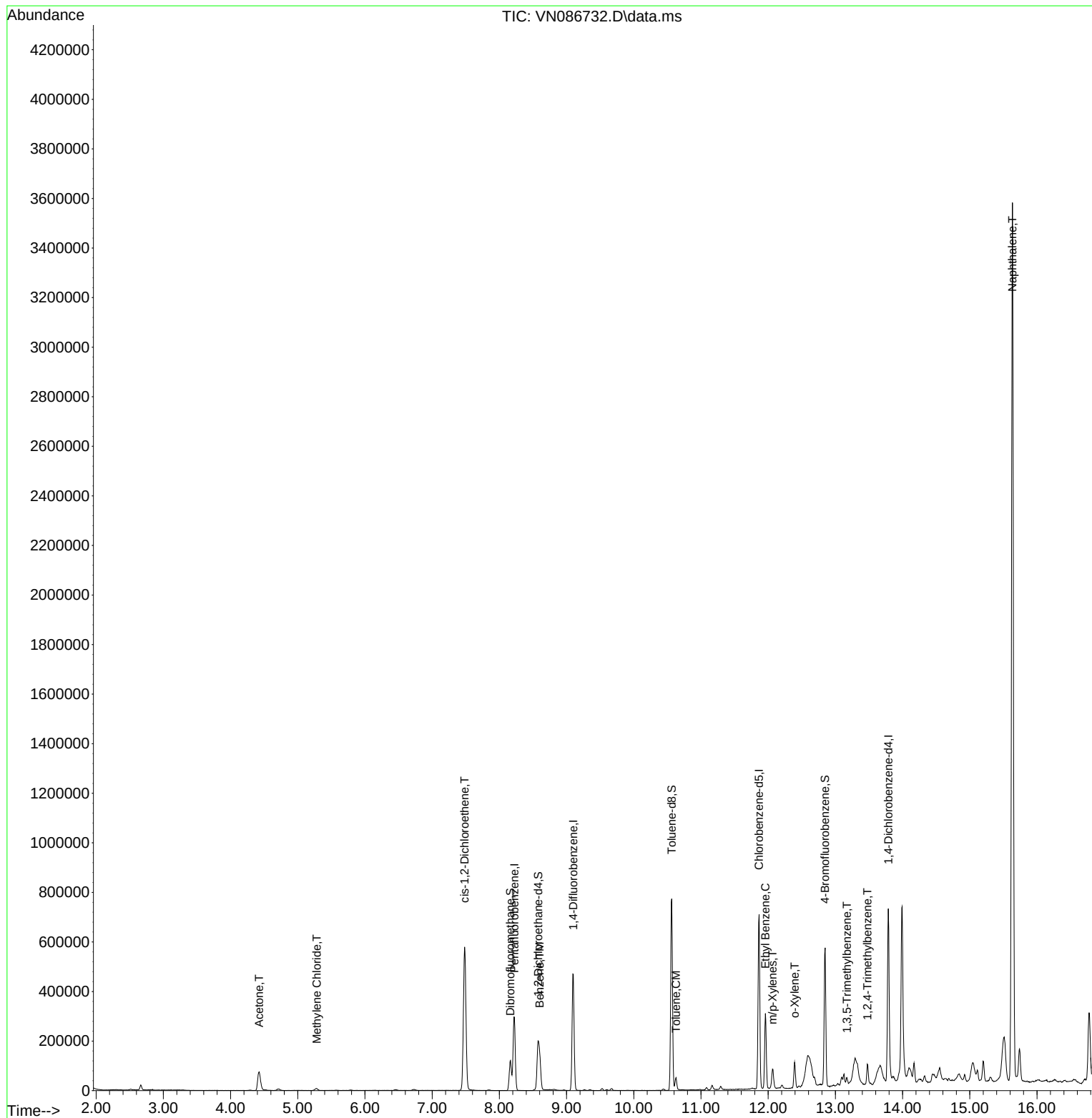
Internal Standards						
1) Pentafluorobenzene	8.224	168	235641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	445203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	435486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	205371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146185	44.895	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.800%
35) Dibromofluoromethane	8.165	113	91794	34.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	69.240%#
50) Toluene-d8	10.565	98	569938	51.872	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.847	95	217732	56.122	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.240%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	144572	118.696	ug/l	93
20) Methylene Chloride	5.283	84	7009	2.181	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	374465	109.786	ug/l	88
40) Benzene	8.600	78	121719	9.541	ug/l	98
52) Toluene	10.629	92	22116	2.789	ug/l	96
67) Ethyl Benzene	11.959	91	228753	13.985	ug/l	99
68) m/p-Xylenes	12.065	106	28007	4.521	ug/l	98
69) o-Xylene	12.394	106	30131	4.892	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	12810	1.008	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	48604	3.841	ug/l	98
95) Naphthalene	15.635	128	3521868	365.656	ug/l	100

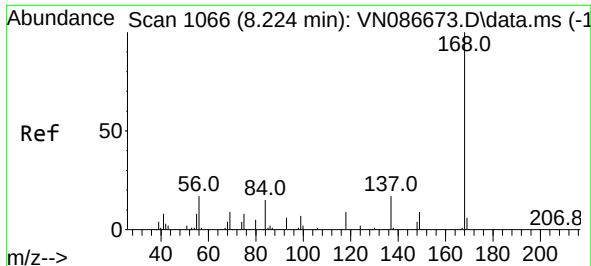
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086732.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
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WC-A1-06A-G

Quant Time: May 22 01:24:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

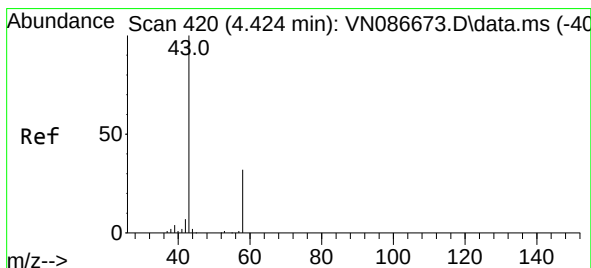
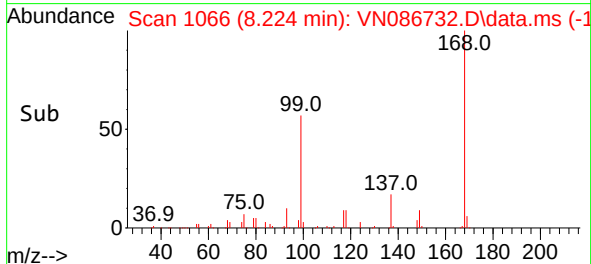
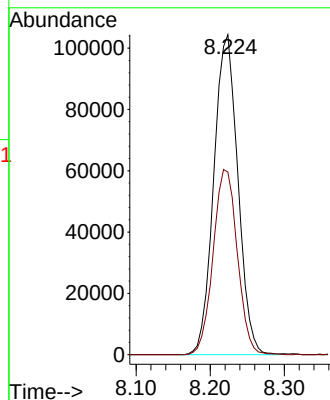
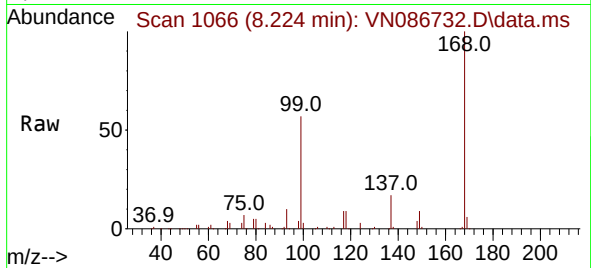




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

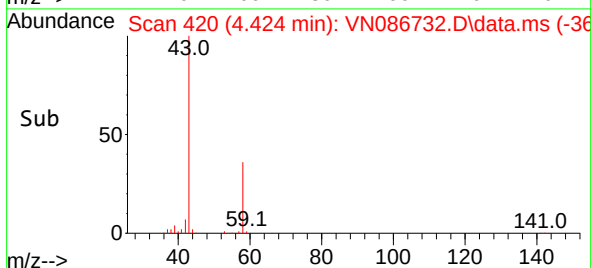
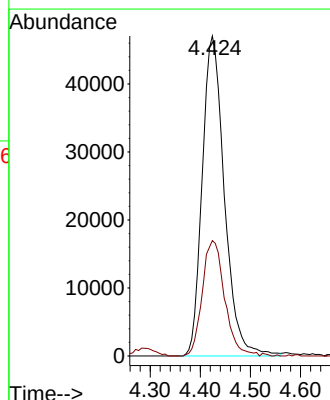
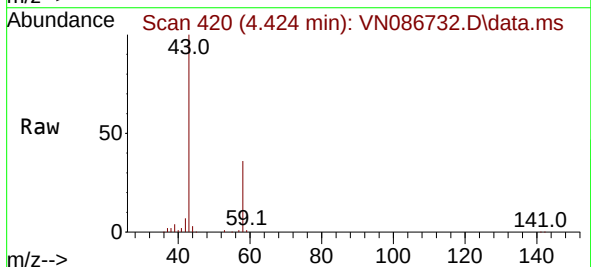
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-G

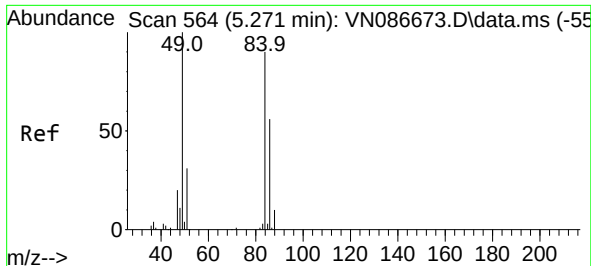
Tgt Ion:168 Resp: 235641
Ion Ratio Lower Upper
168 100
99 57.1 47.0 70.4



#16
Acetone
Concen: 118.696 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

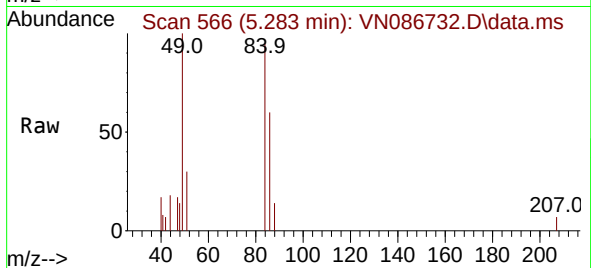
Tgt Ion: 43 Resp: 144572
Ion Ratio Lower Upper
43 100
58 36.0 25.8 38.6



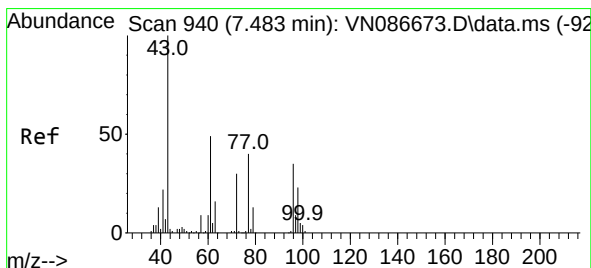
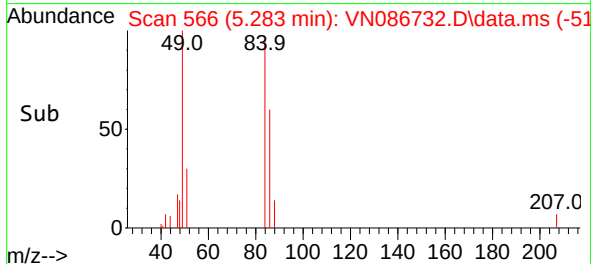
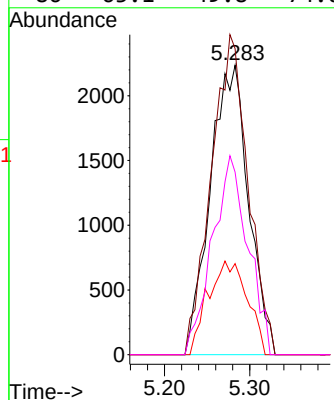


#20
Methylene Chloride
Concen: 2.181 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-G

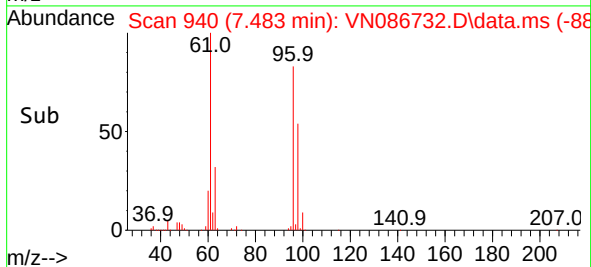
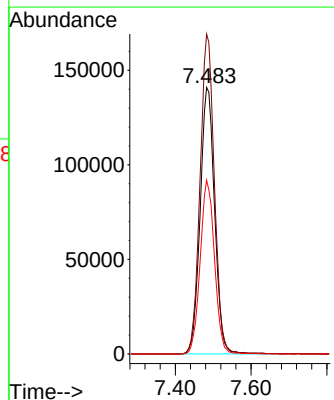
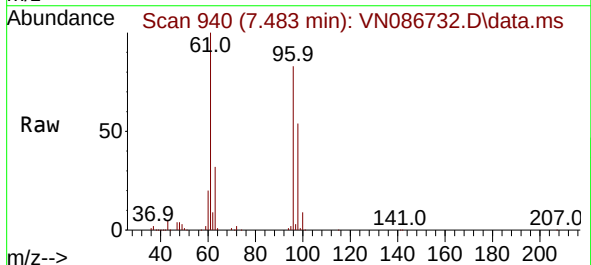


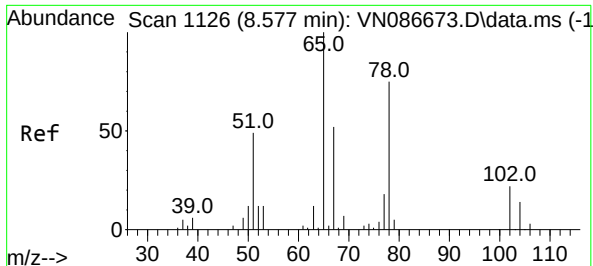
Tgt Ion:	84	Resp:	7009
Ion	Ratio	Lower	Upper
84	100		
49	105.7	88.8	133.2
51	31.5	27.8	41.6
86	63.1	49.8	74.6



#27
cis-1,2-Dichloroethene
Concen: 109.786 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Tgt Ion:	96	Resp:	374465
Ion	Ratio	Lower	Upper
96	100		
61	118.5	0.0	277.4
98	64.3	0.0	129.6





#33

1,2-Dichloroethane-d4

Concen: 44.895 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086732.D

Acq: 21 May 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

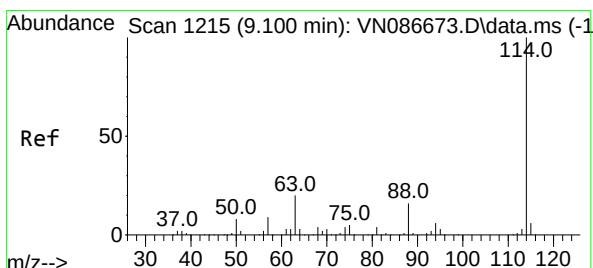
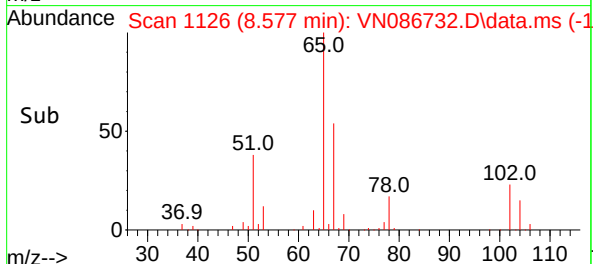
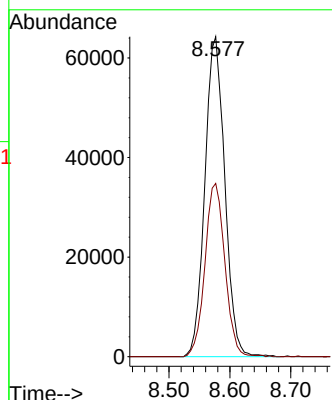
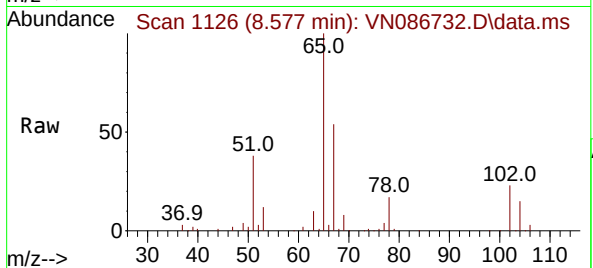
WC-A1-06A-G

Tgt Ion: 65 Resp: 146185

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086732.D

Acq: 21 May 2025 15:29

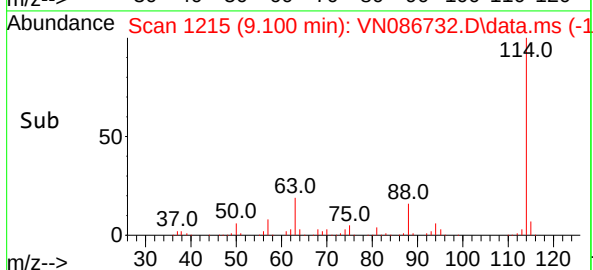
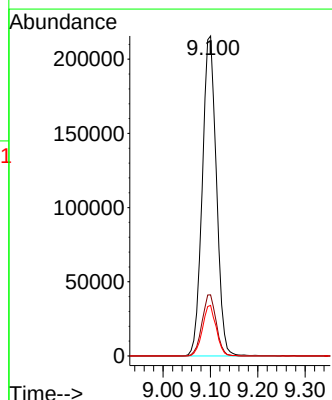
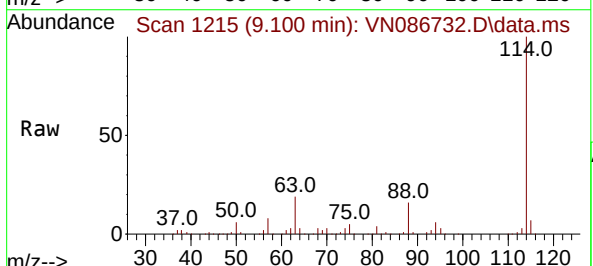
Tgt Ion: 114 Resp: 445203

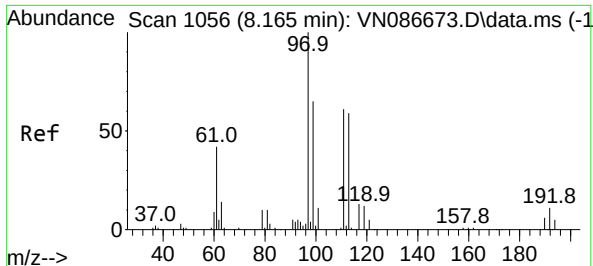
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.2

88 15.8 0.0 31.2

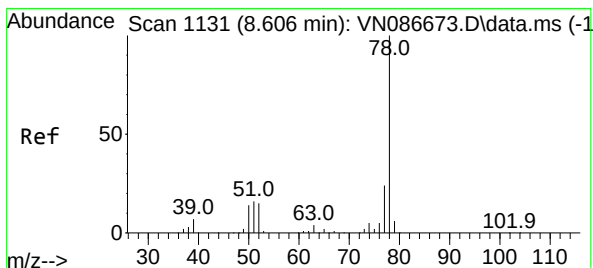
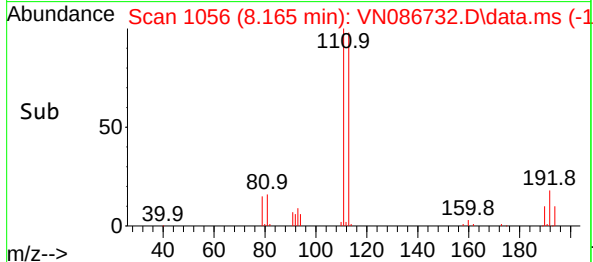
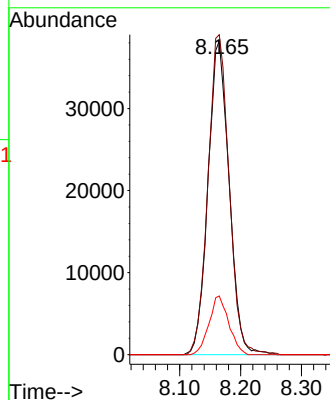
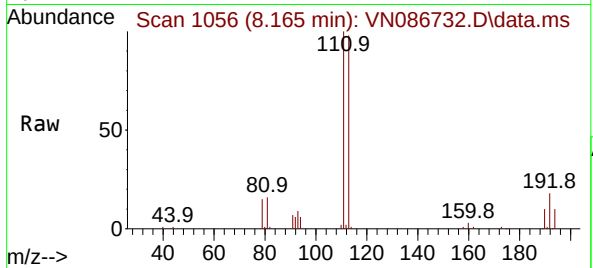




#35
Dibromofluoromethane
Concen: 34.621 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

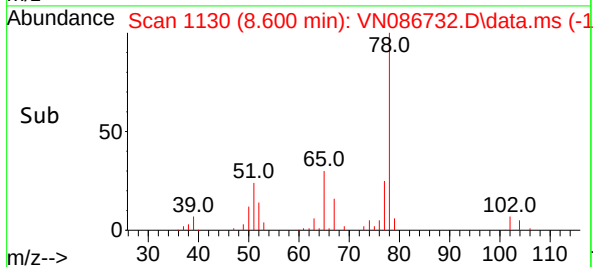
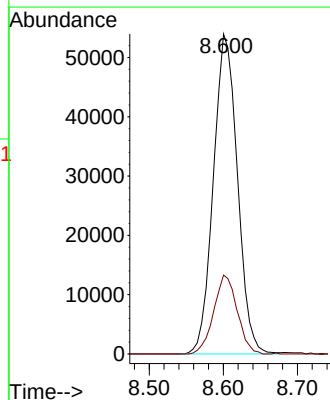
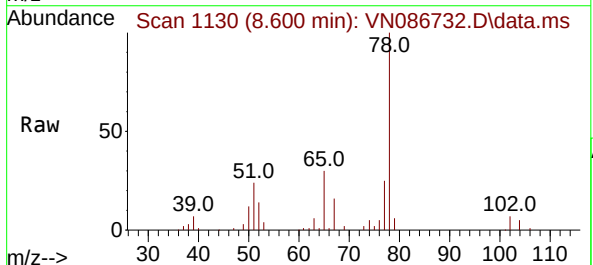
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-G

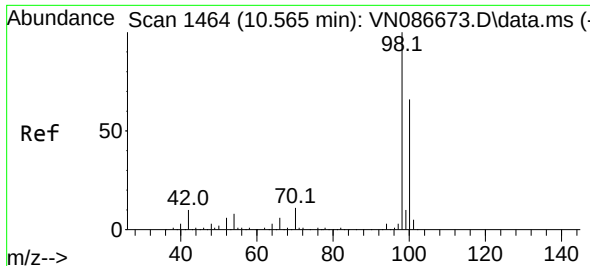
Tgt Ion:113 Resp: 91794
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 17.5 13.8 20.8



#40
Benzene
Concen: 9.541 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Tgt Ion: 78 Resp: 121719
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7

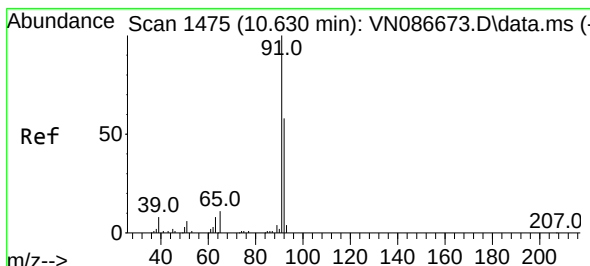
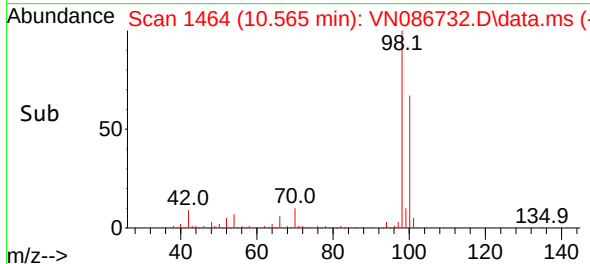
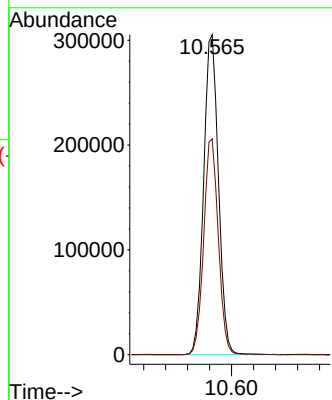
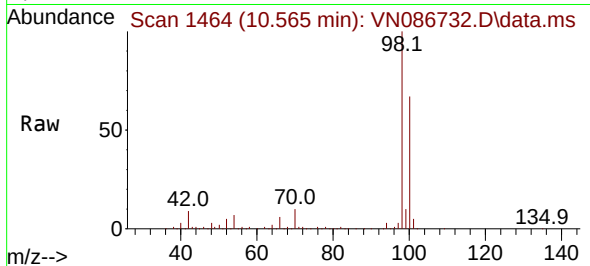




#50
Toluene-d8
Concen: 51.872 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

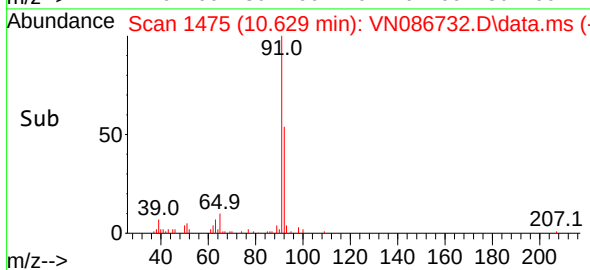
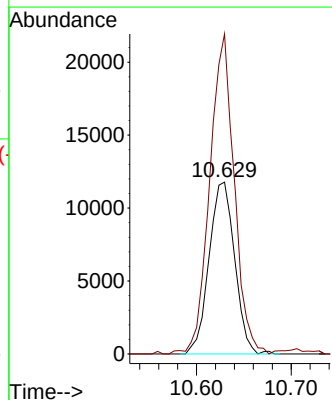
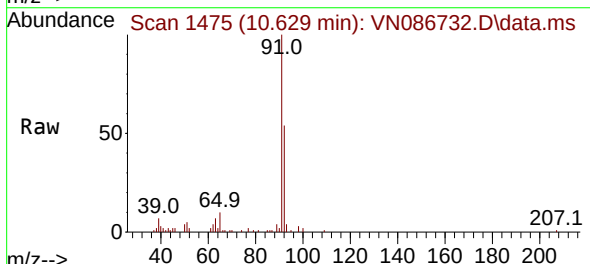
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-G

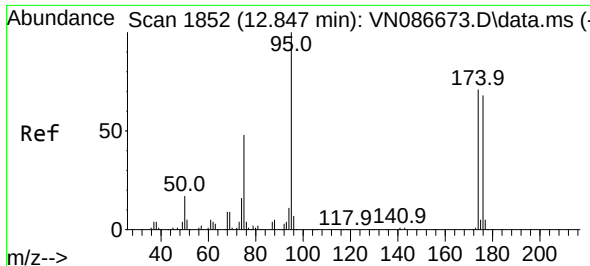
Tgt Ion: 98 Resp: 569938
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3



#52
Toluene
Concen: 2.789 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Tgt Ion: 92 Resp: 22116
Ion Ratio Lower Upper
92 100
91 178.1 137.8 206.8

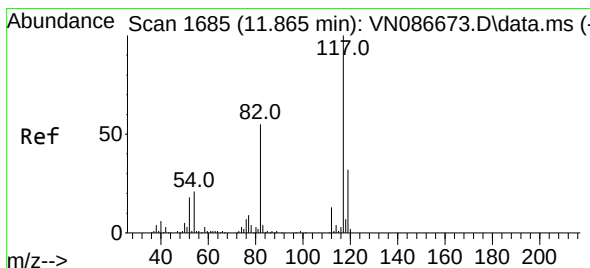
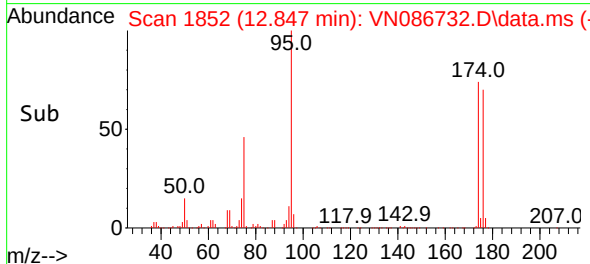
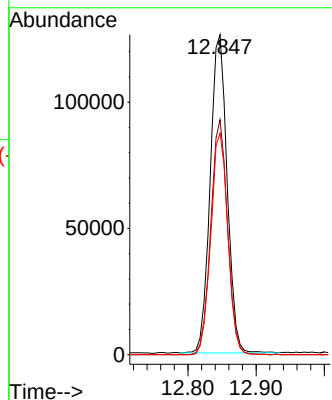
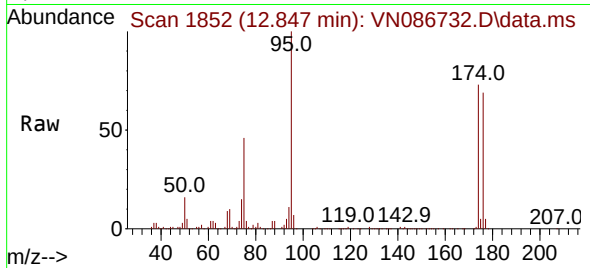




#62
4-Bromofluorobenzene
Concen: 56.122 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

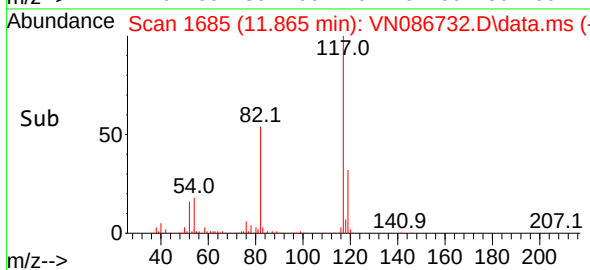
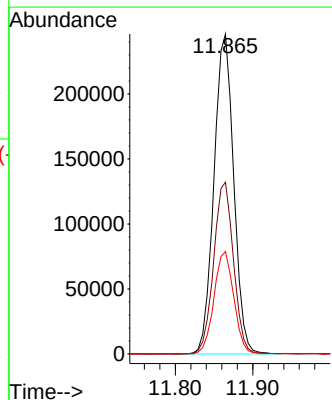
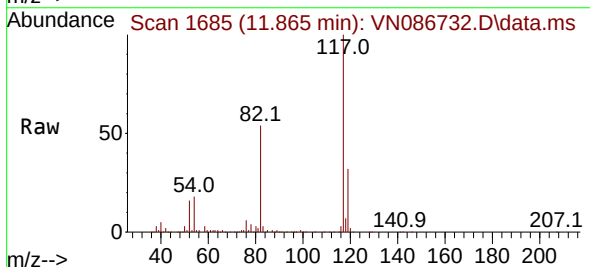
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WC-A1-06A-G

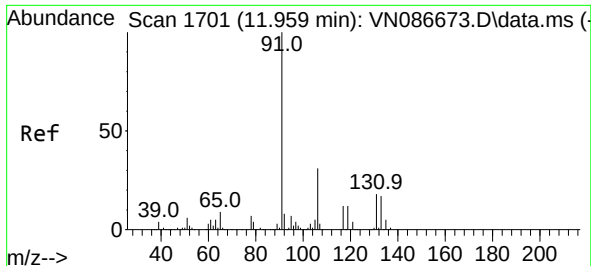
Tgt Ion: 95 Resp: 217732
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.4
176 69.7 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Tgt Ion: 117 Resp: 435486
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 31.9 25.4 38.2

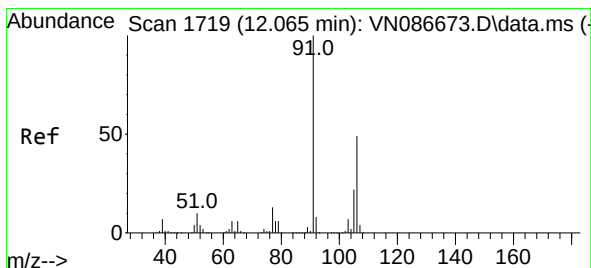
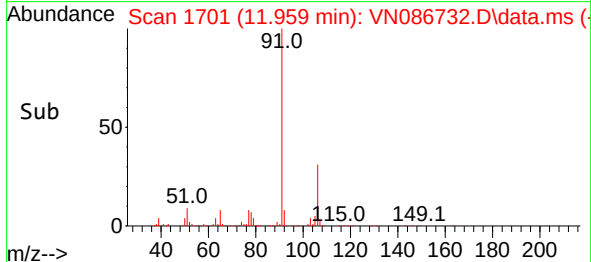
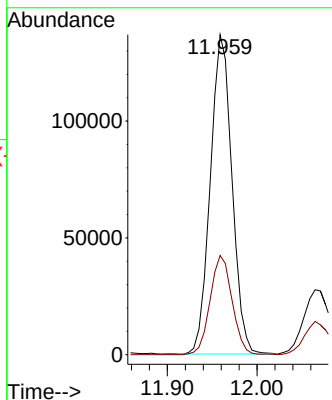
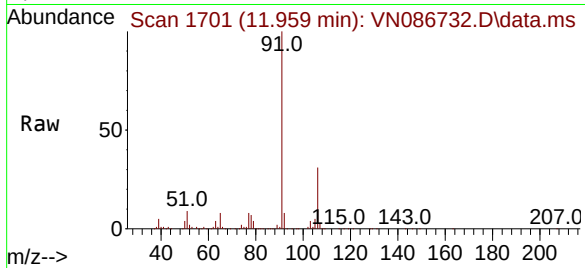




#67
Ethyl Benzene
Concen: 13.985 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

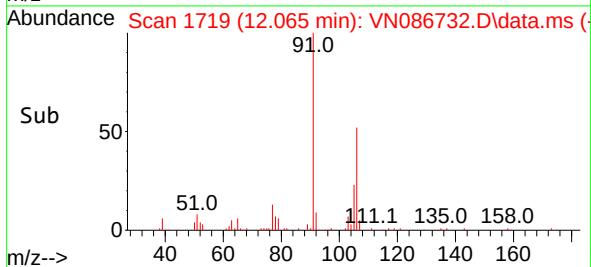
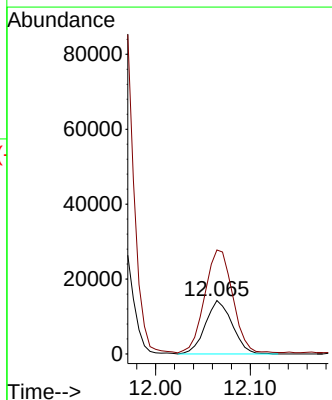
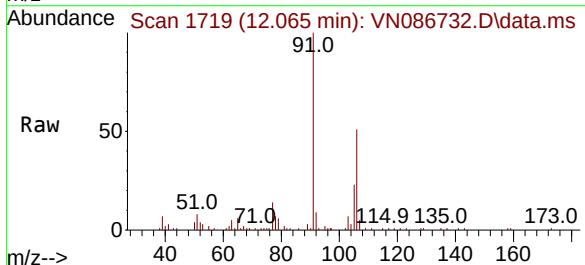
Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-G

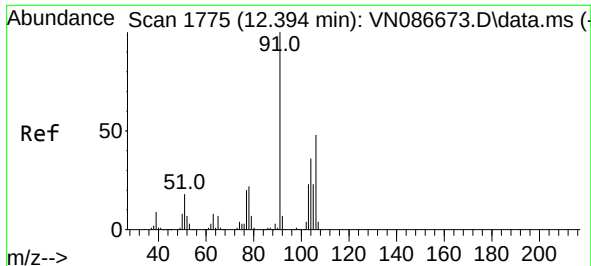
Tgt Ion: 91 Resp: 228753
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 4.521 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Tgt Ion: 106 Resp: 28007
Ion Ratio Lower Upper
106 100
91 199.8 162.4 243.6

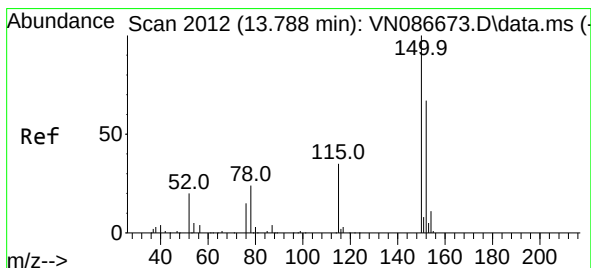
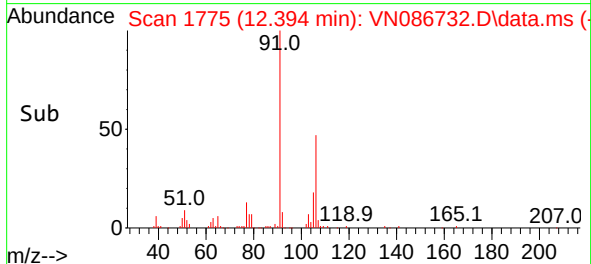
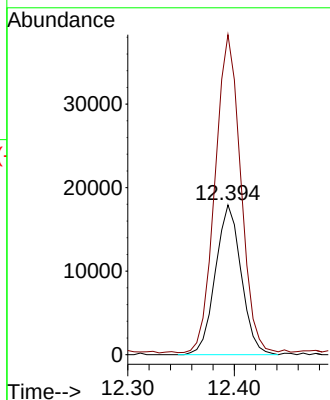
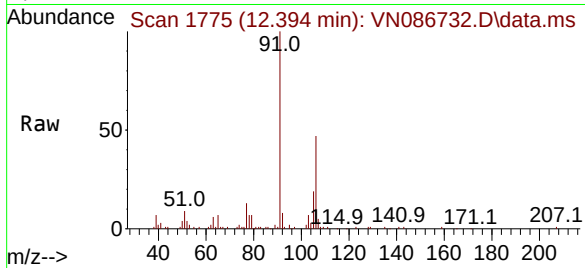




#69
o-Xylene
Concen: 4.892 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

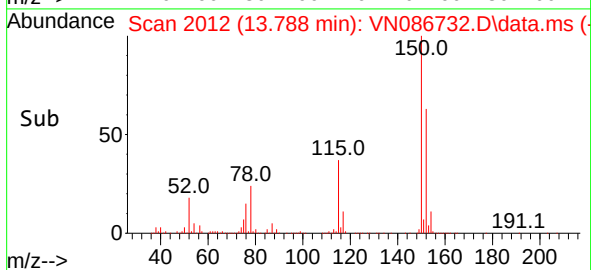
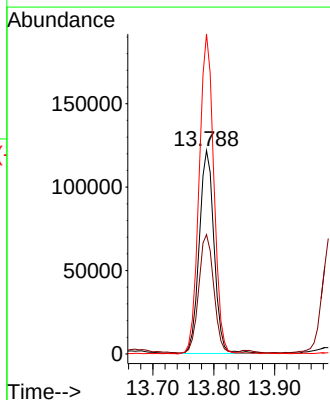
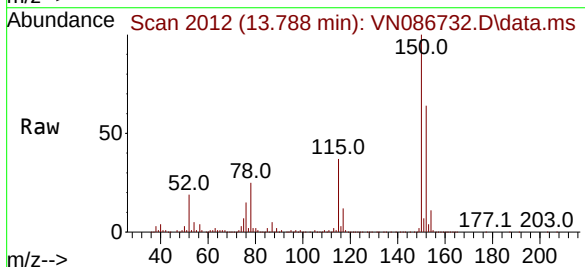
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MSVOA_N
ClientSampleId :
WC-A1-06A-G

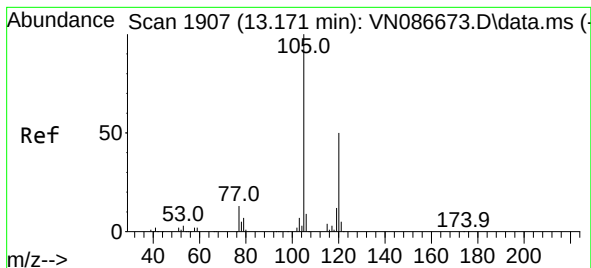
Tgt Ion:106 Resp: 30131
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Tgt Ion:152 Resp: 205371
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.1
150 156.6 0.0 347.8





#80

1,3,5-Trimethylbenzene

Concen: 1.008 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086732.D

Acq: 21 May 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

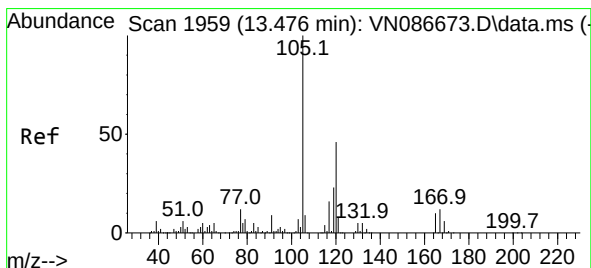
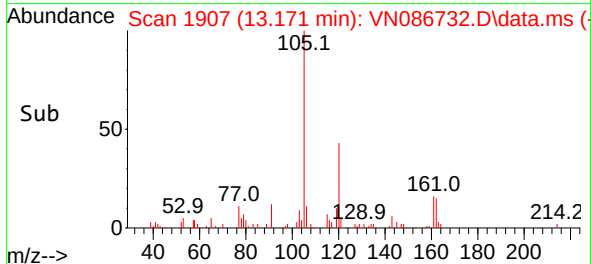
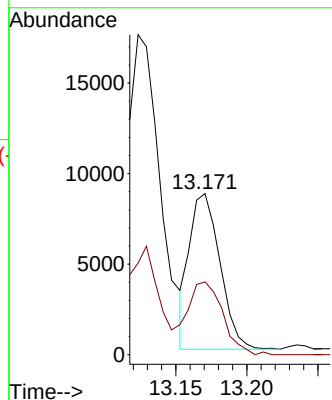
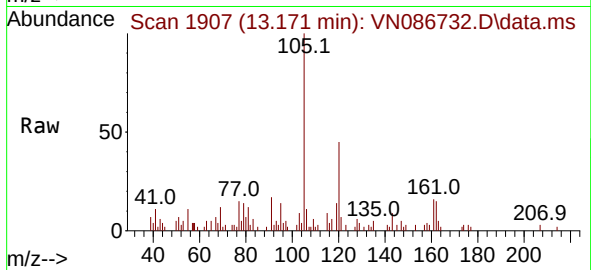
WC-A1-06A-G

Tgt Ion:105 Resp: 12810

Ion Ratio Lower Upper

105 100

120 55.5 24.9 74.6



#84

1,2,4-Trimethylbenzene

Concen: 3.841 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086732.D

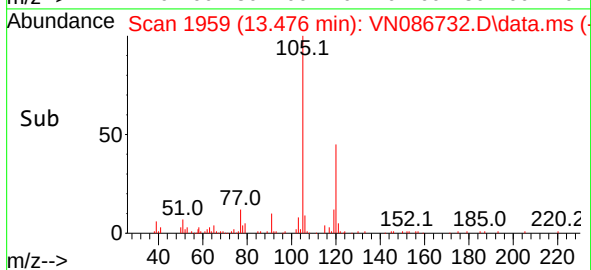
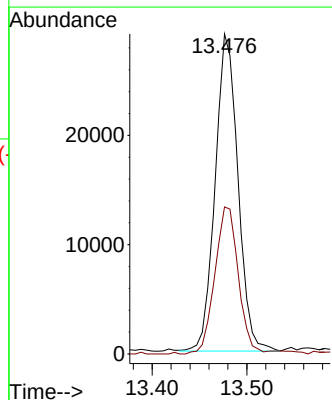
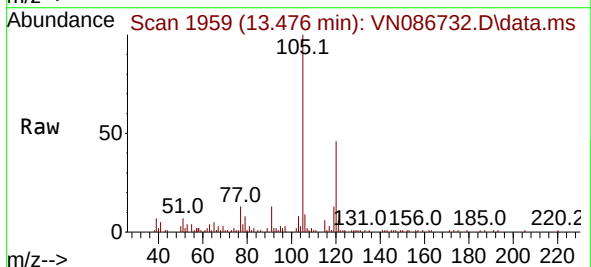
Acq: 21 May 2025 15:29

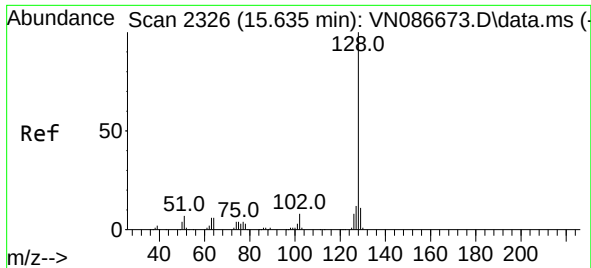
Tgt Ion:105 Resp: 48604

Ion Ratio Lower Upper

105 100

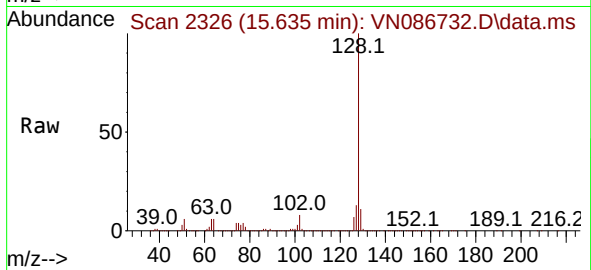
120 48.0 23.2 69.6





#95
Naphthalene
Concen: 365.656 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086732.D
Acq: 21 May 2025 15:29

Instrument :
MSVOA_N
ClientSampleId :
WC-A1-06A-G



Tgt Ion:128 Resp: 3521868
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.6 13.0

