

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084983.D
 Acq On : 20 Nov 2024 20:58
 Operator : JC\MD
 Sample : P4770-01 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Nov 21 03:40:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

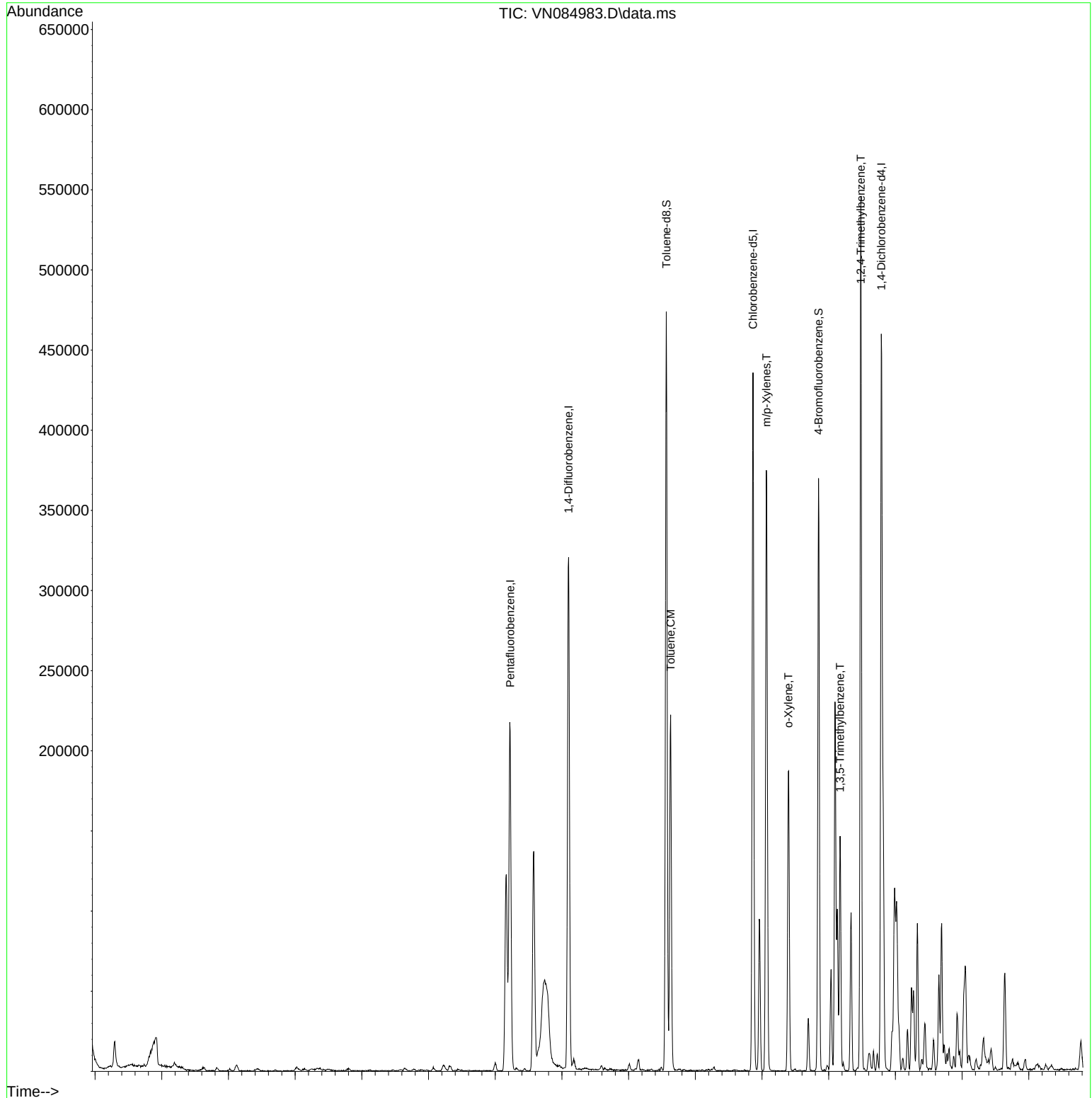
Internal Standards						
1) Pentafluorobenzene	8.224	168	152380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113952	51.776	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	103.560%	
35) Dibromofluoromethane	8.165	113	90226	48.109	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.220%	
50) Toluene-d8	10.565	98	319903	46.306	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.620%	
62) 4-Bromofluorobenzene	12.847	95	130351	50.486	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	100.980%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	784	0.296	ug/l	93
40) Benzene	8.606	78	6541	0.783	ug/l #	68
52) Toluene	10.630	92	99603	20.389	ug/l	98
67) Ethyl Benzene	11.965	91	67442	7.457	ug/l	97
68) m/p-Xylenes	12.065	106	119638	34.939	ug/l	98
69) o-Xylene	12.394	106	52872	16.506	ug/l	100
73) Isopropylbenzene	12.694	105	21409	2.502	ug/l	98
78) n-propylbenzene	13.035	91	46927	4.681	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	81125	11.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	301506	41.200	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	2133	0.475	ug/l	86
91) 1,2-Dichlorobenzene	14.100	146	1977	0.458	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	1891	0.801	ug/l #	84
95) Naphthalene	15.635	128	59150	8.371	ug/l	98
96) 1,2,3-Trichlorobenzene	15.829	180	1905	0.831	ug/l	89

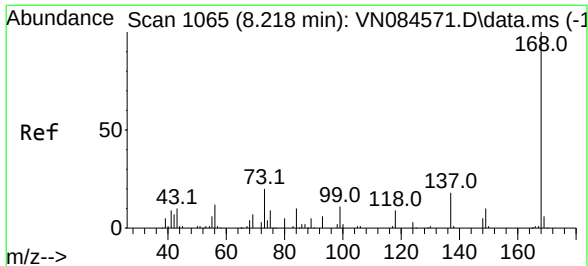
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_N/WATER
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MW-1

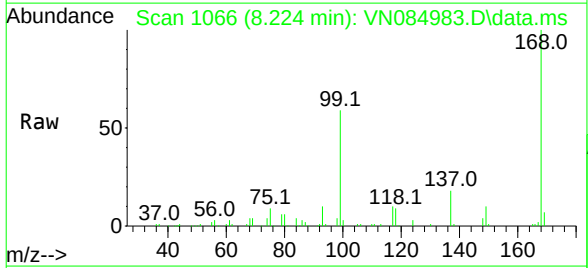
Quant Time: Nov 21 03:40:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



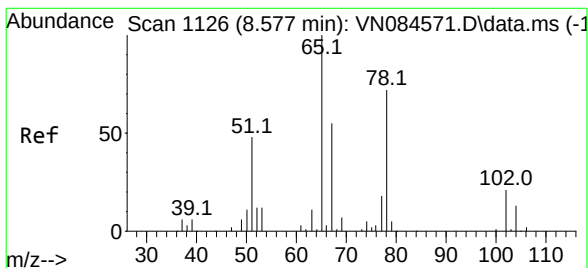
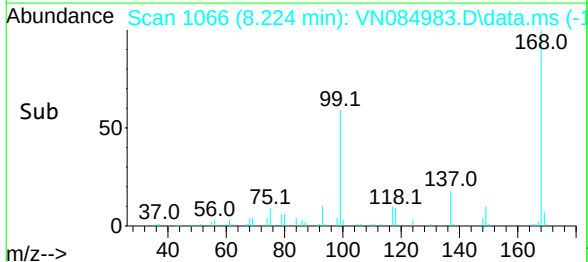
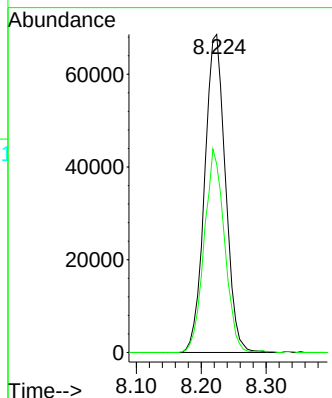


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Instrument :
MSVOA_N
ClientSampleId :
MW-1

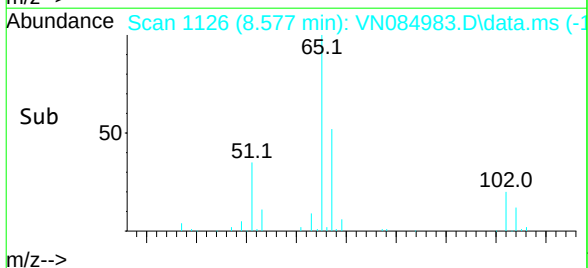
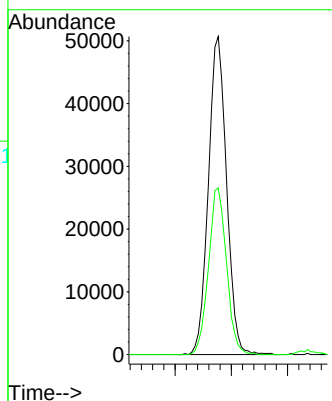
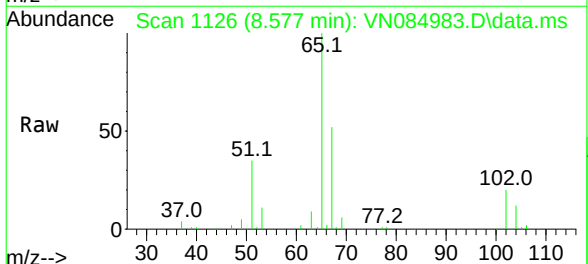


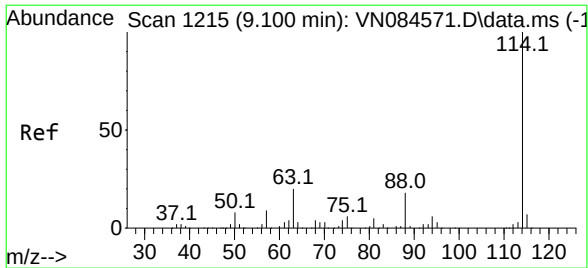
Tgt Ion:168 Resp: 152380
Ion Ratio Lower Upper
168 100
99 59.2 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.776 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 65 Resp: 113952
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.0

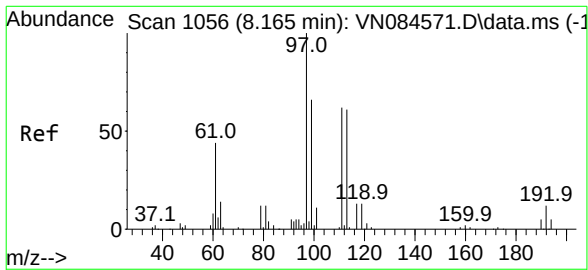
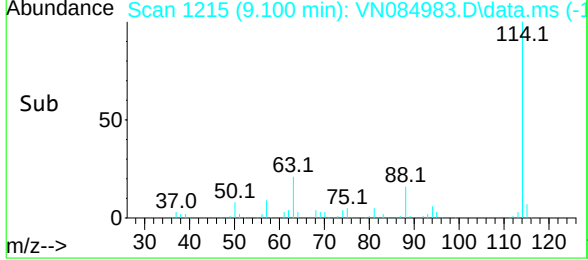
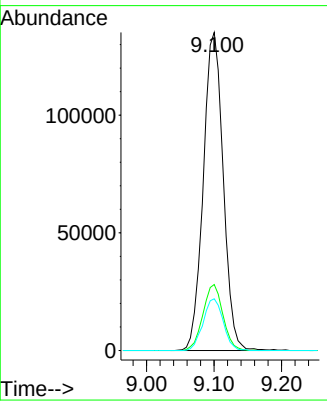
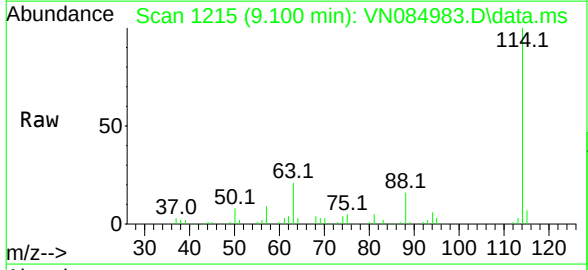




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084983.D
 Acq: 20 Nov 2024 20:58

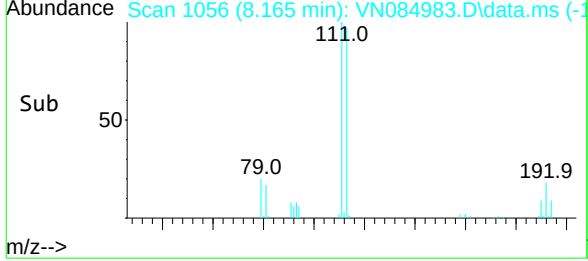
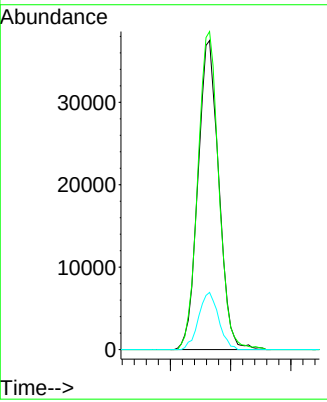
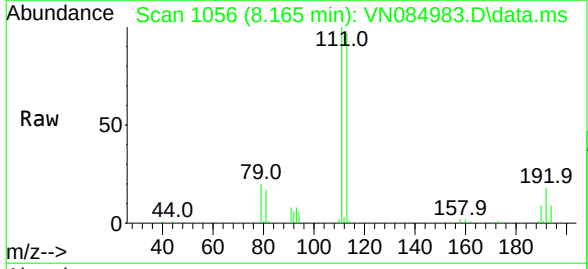
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

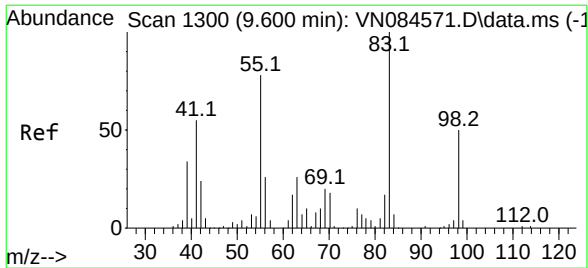
Tgt Ion:	114	Resp:	277071
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.8
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.109 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084983.D
 Acq: 20 Nov 2024 20:58

Tgt Ion:	113	Resp:	90226
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.3	124.9
192	17.7	13.5	20.3

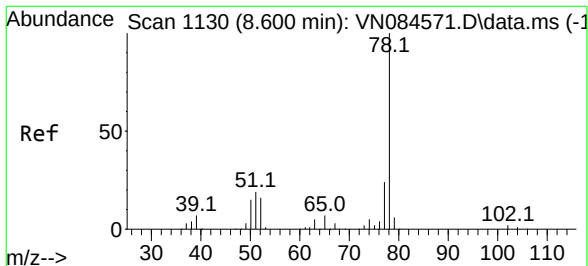
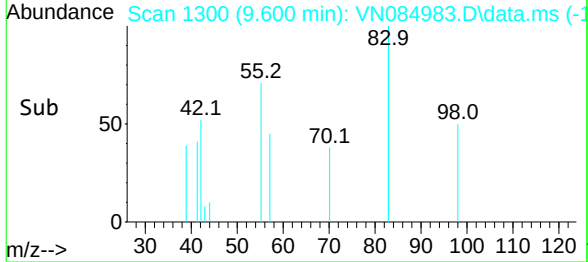
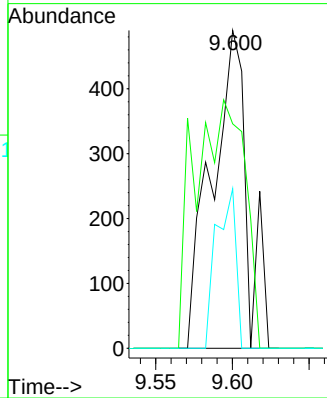
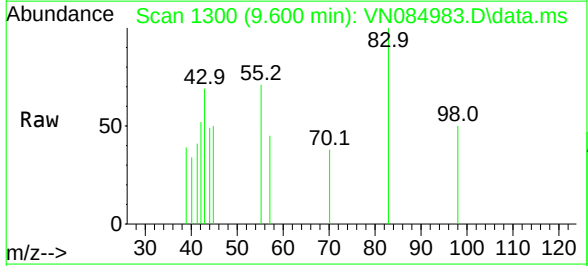




#39
Methylcyclohexane
Concen: 0.296 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

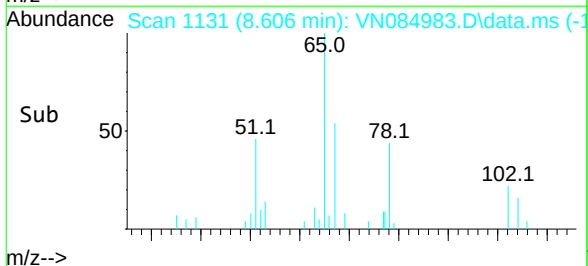
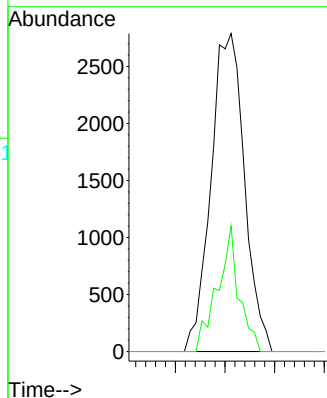
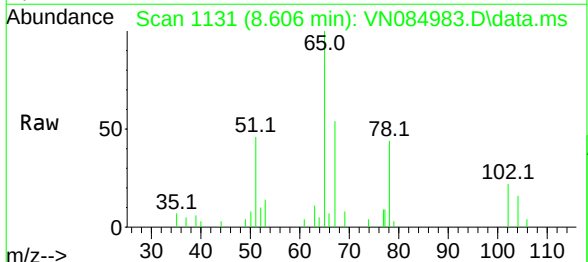
Instrument :
MSVOA_N
ClientSampleId :
MW-1

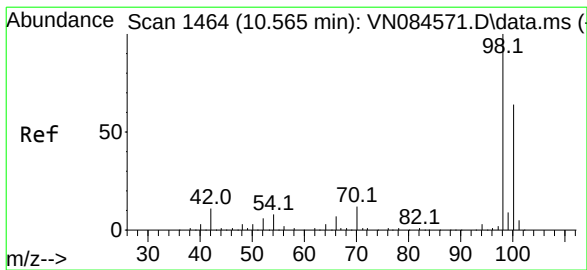
Tgt Ion:	83	Resp:	784
Ion	Ratio	Lower	Upper
83	100		
55	70.6	62.8	94.2
98	50.2	38.8	58.2



#40
Benzene
Concen: 0.783 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion:	78	Resp:	6541
Ion	Ratio	Lower	Upper
78	100		
77	39.4	19.1	28.7#





#50

Toluene-d8

Concen: 46.306 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

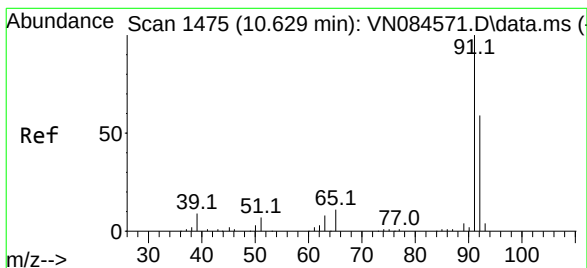
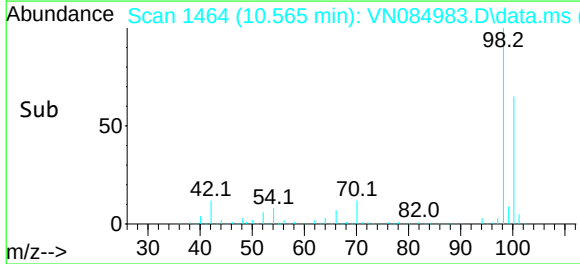
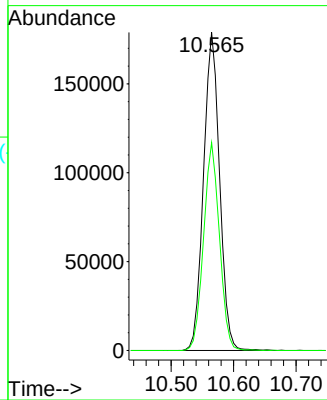
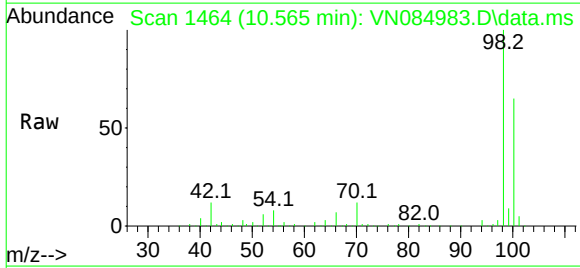
MW-1

Tgt Ion: 98 Resp: 319903

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



#52

Toluene

Concen: 20.389 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084983.D

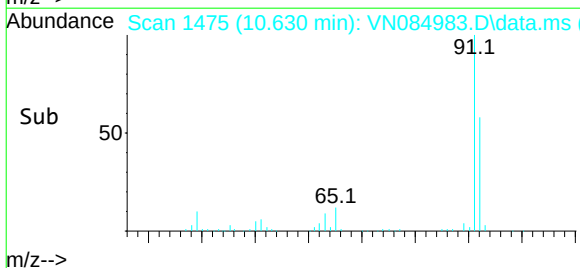
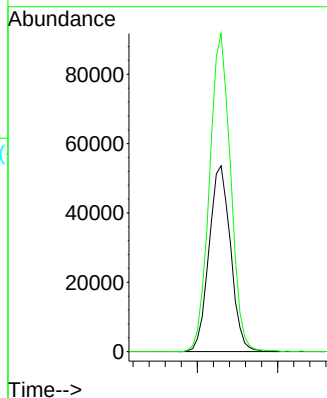
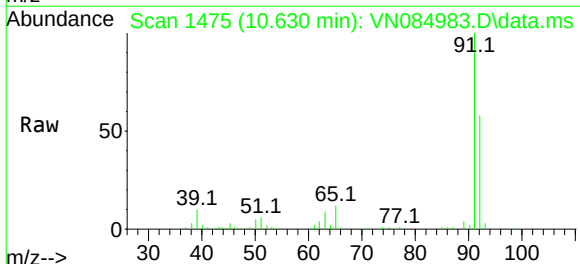
Acq: 20 Nov 2024 20:58

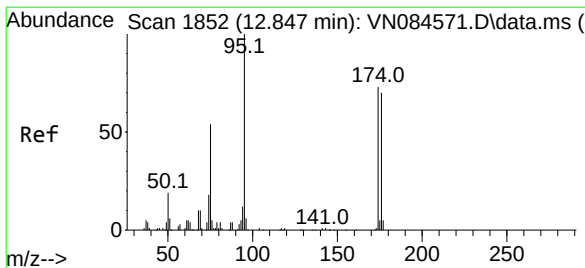
Tgt Ion: 92 Resp: 99603

Ion Ratio Lower Upper

92 100

91 168.5 137.3 205.9

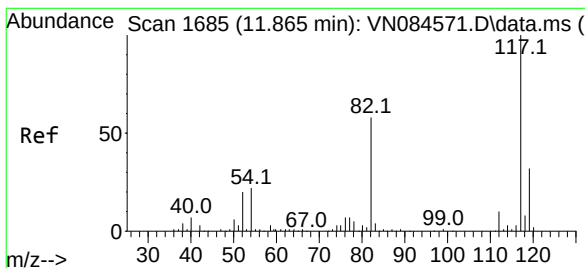
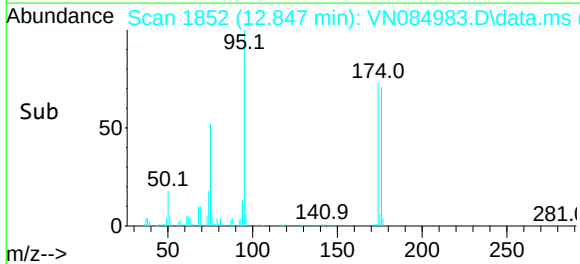
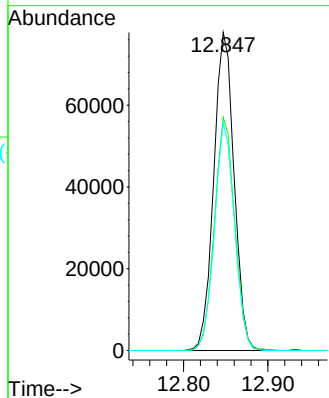
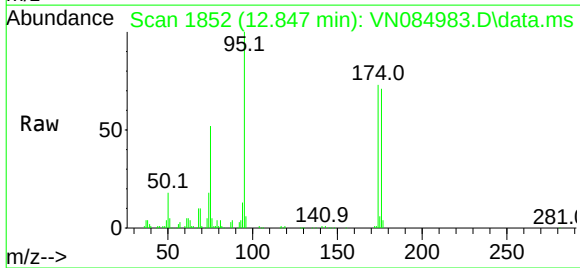




#62
4-Bromofluorobenzene
Concen: 50.486 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

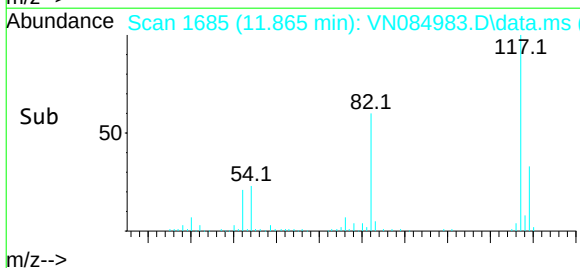
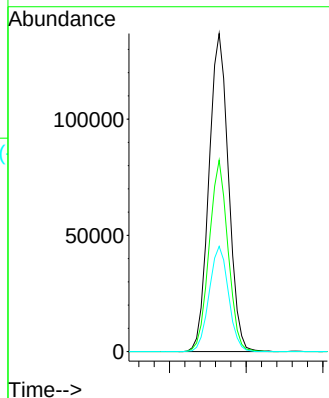
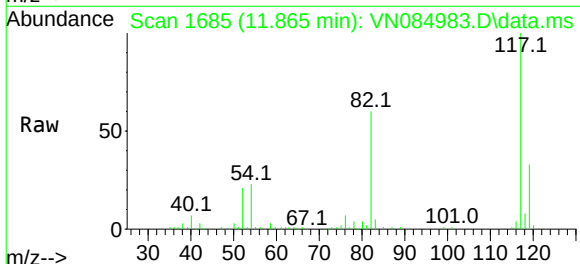
Instrument :
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ClientSampleId :
MW-1

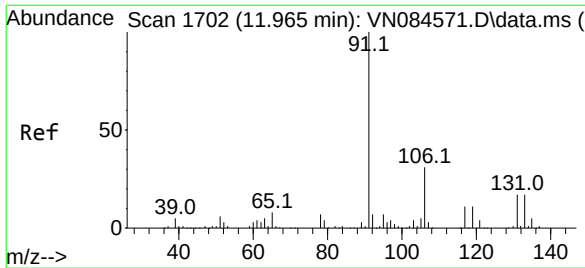
Tgt Ion:	95	Resp:	130351
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.2
176	70.4	0.0	140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion:	117	Resp:	242199
Ion	Ratio	Lower	Upper
117	100		
82	60.2	47.2	70.8
119	33.1	25.4	38.0

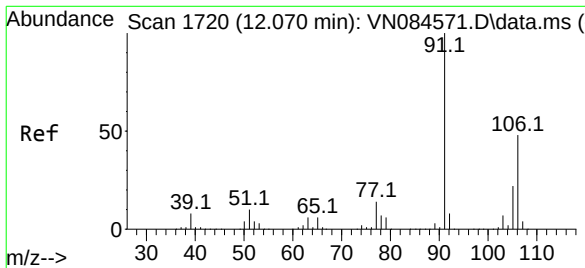
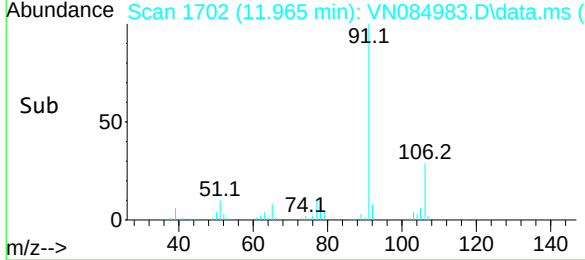
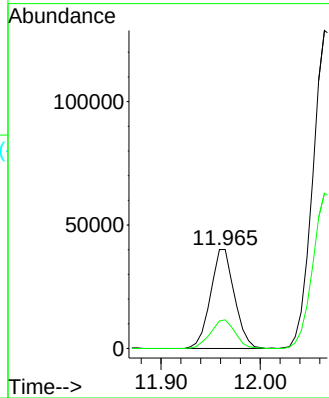
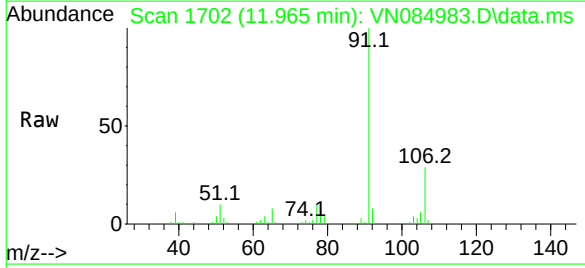




#67
Ethyl Benzene
Concen: 7.457 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

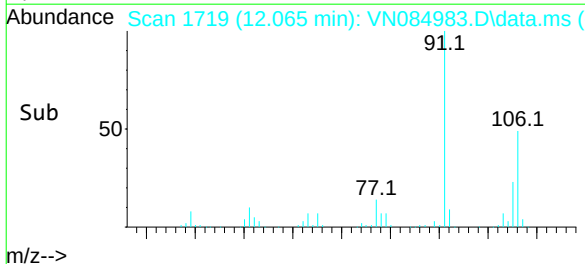
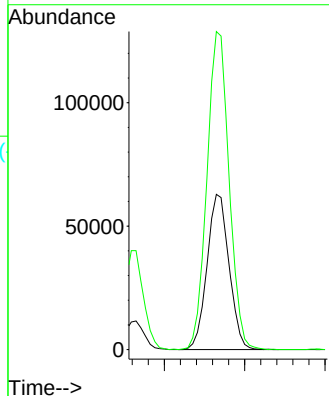
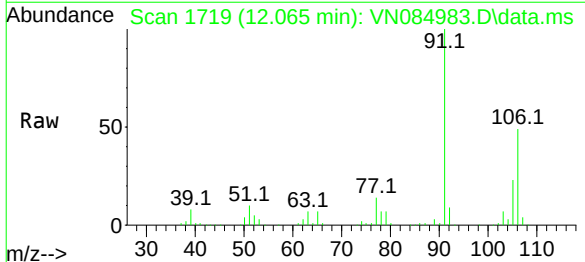
Instrument :
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ClientSampleId :
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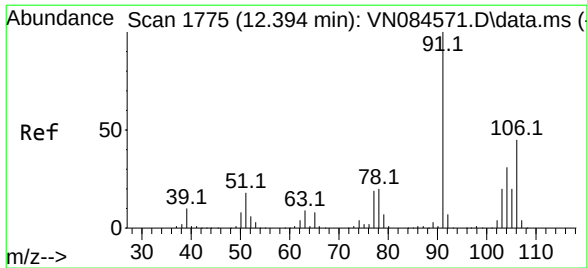
Tgt Ion: 91 Resp: 67442
Ion Ratio Lower Upper
91 100
106 28.9 24.5 36.7



#68
m/p-Xylenes
Concen: 34.939 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion: 106 Resp: 119638
Ion Ratio Lower Upper
106 100
91 205.9 167.1 250.7

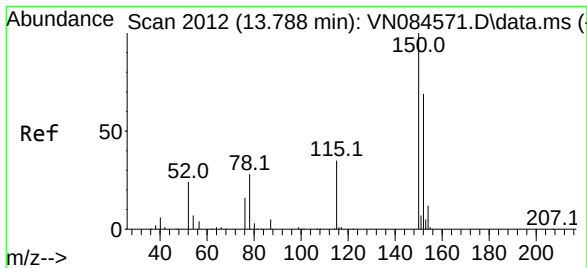
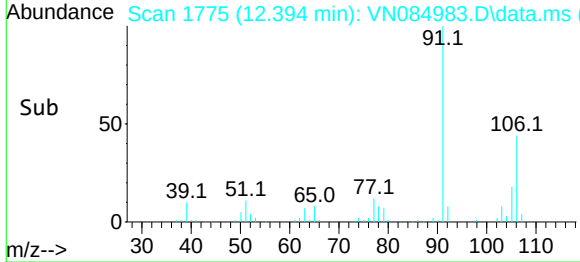
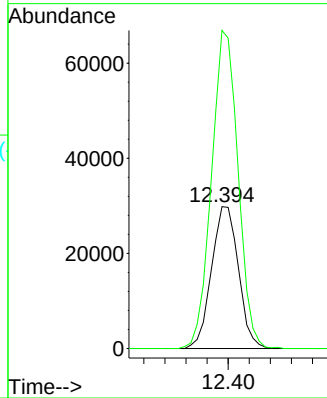
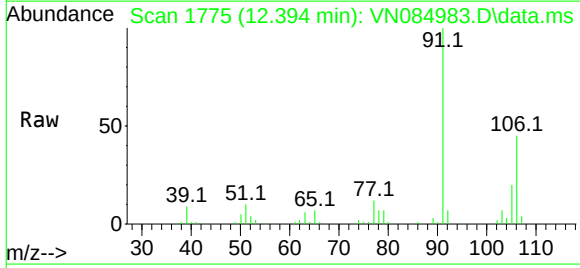




#69
o-Xylene
Concen: 16.506 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

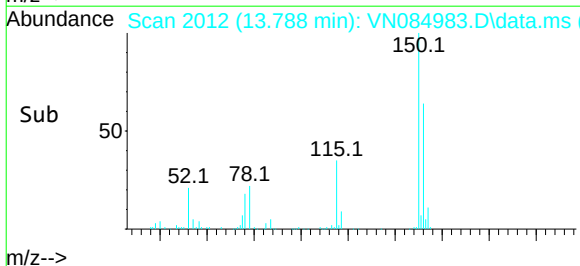
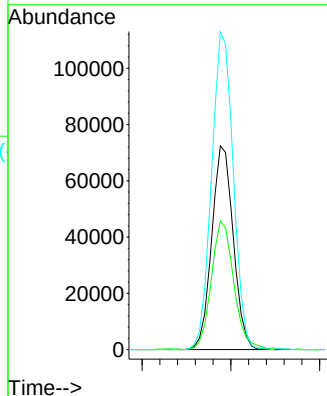
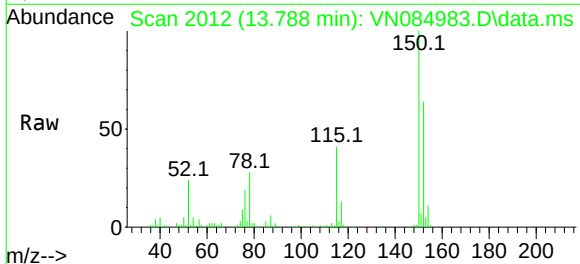
Instrument :
MSVOA_N
ClientSampleId :
MW-1

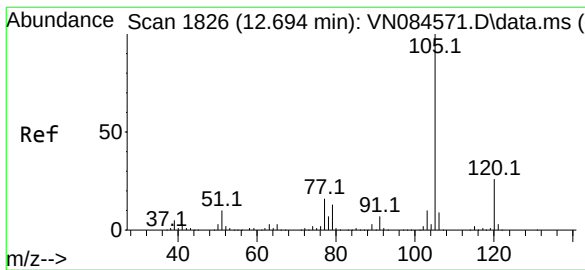
Tgt Ion:106 Resp: 52872
Ion Ratio Lower Upper
106 100
91 221.1 110.2 330.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion:152 Resp: 122080
Ion Ratio Lower Upper
152 100
115 66.2 31.3 93.9
150 157.1 0.0 349.8





#73

Isopropylbenzene

Concen: 2.502 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

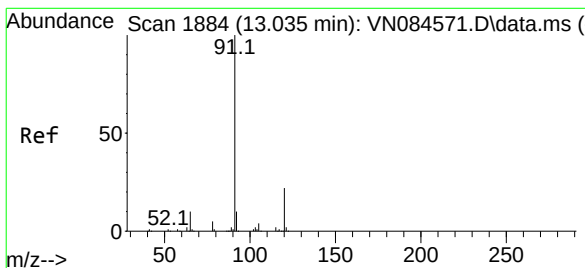
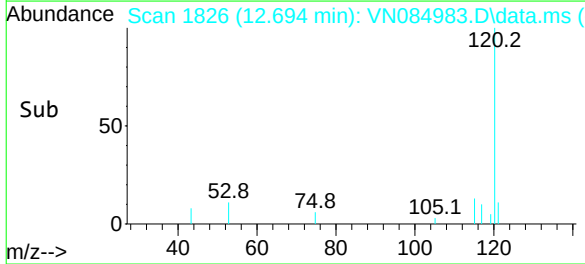
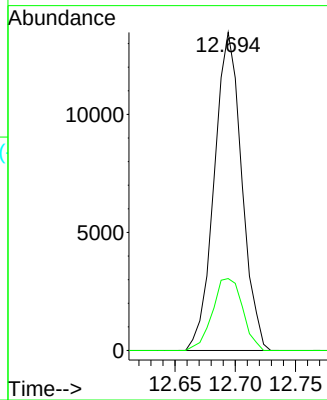
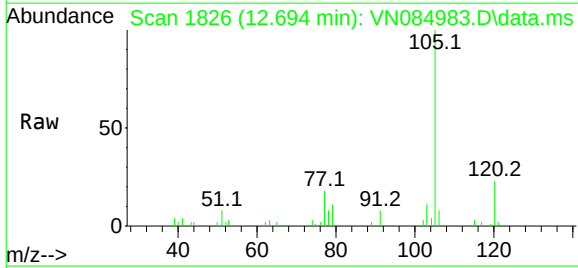
MW-1

Tgt Ion:105 Resp: 21409

Ion Ratio Lower Upper

105 100

120 24.8 12.9 38.7



#78

n-propylbenzene

Concen: 4.681 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084983.D

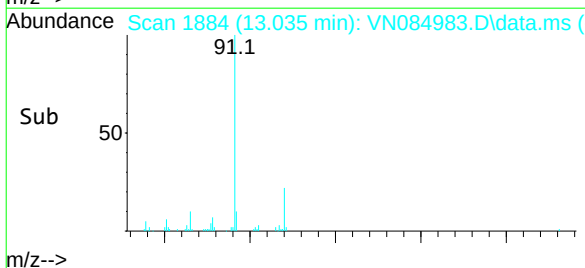
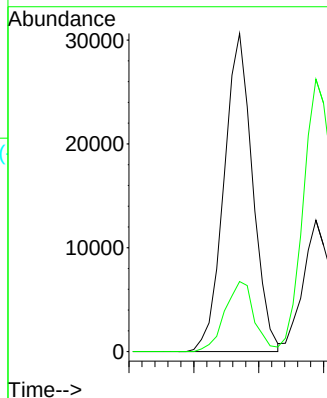
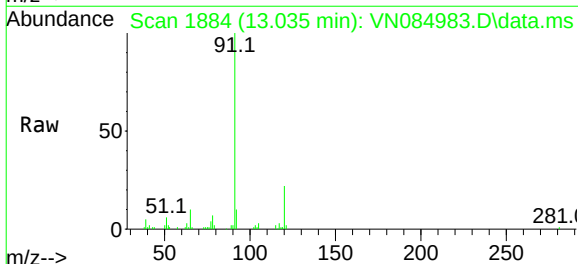
Acq: 20 Nov 2024 20:58

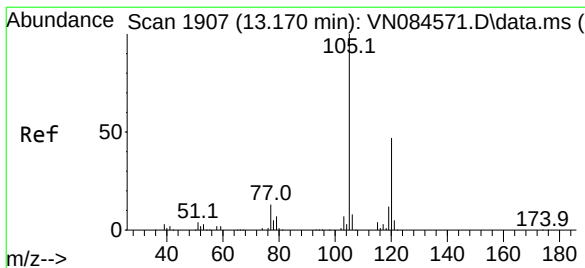
Tgt Ion: 91 Resp: 46927

Ion Ratio Lower Upper

91 100

120 22.7 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 11.441 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

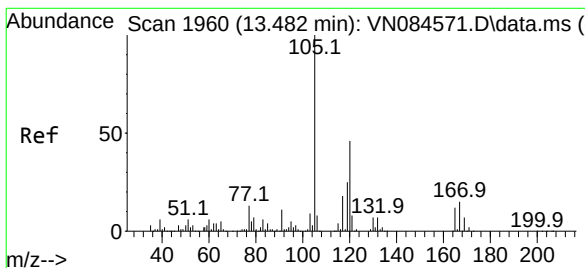
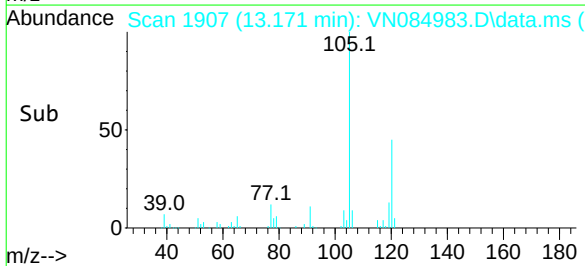
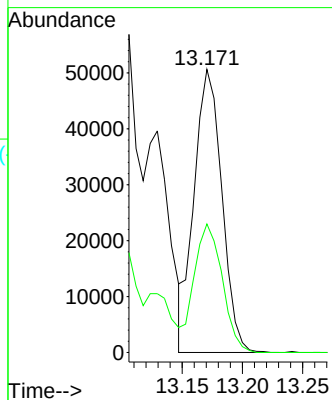
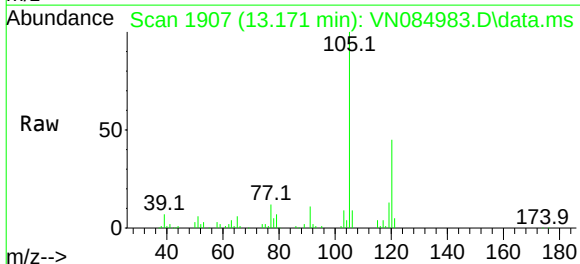
MW-1

Tgt Ion:105 Resp: 81125

Ion Ratio Lower Upper

105 100

120 46.2 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 41.200 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084983.D

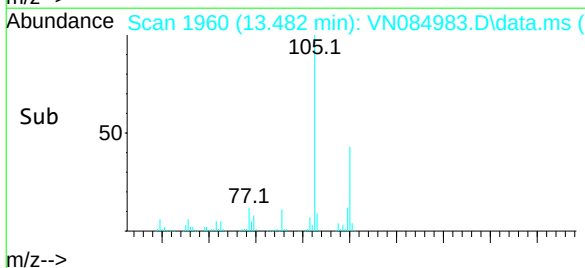
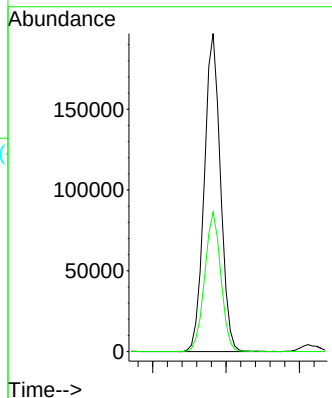
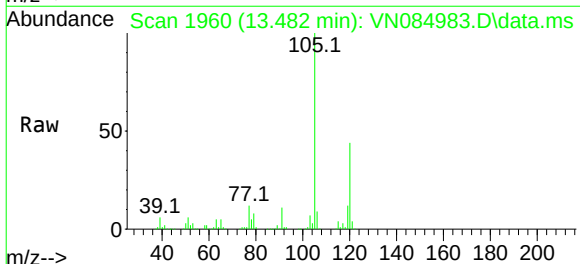
Acq: 20 Nov 2024 20:58

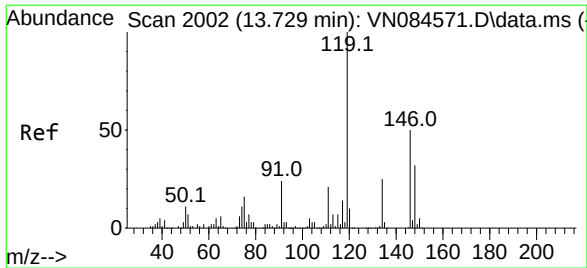
Tgt Ion:105 Resp: 301506

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.8

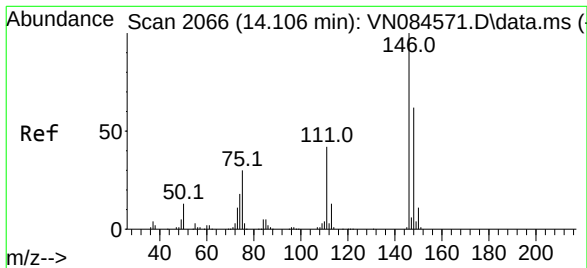
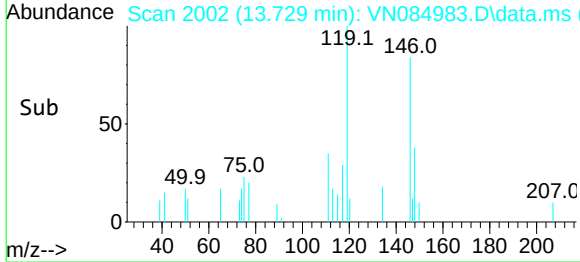
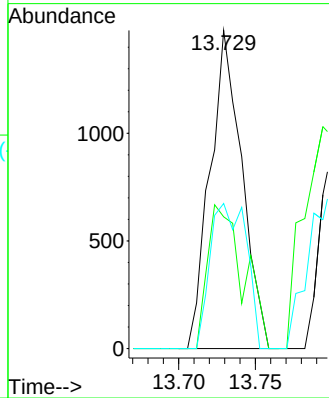
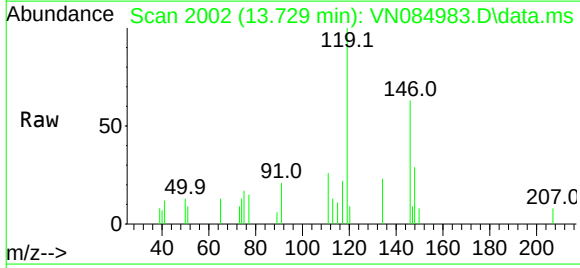




#87
1,3-Dichlorobenzene
Concen: 0.475 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

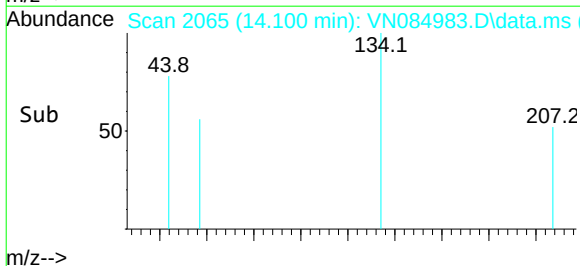
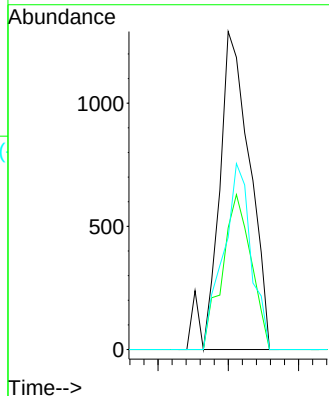
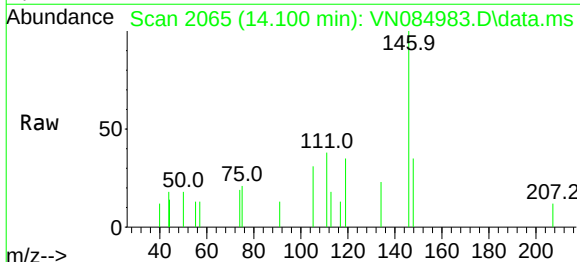
Instrument :
MSVOA_N
ClientSampleId :
MW-1

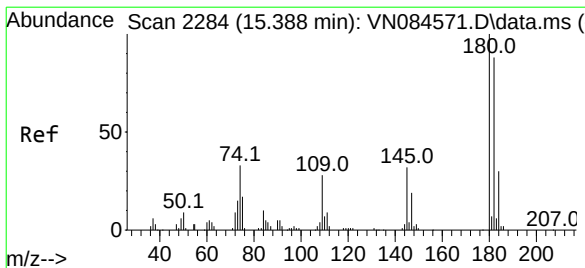
Tgt Ion:	146	Resp:	2133
Ion	Ratio	Lower	Upper
146	100		
111	50.8	21.8	65.3
148	51.9	31.9	95.7



#91
1,2-Dichlorobenzene
Concen: 0.458 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN084983.D
Acq: 20 Nov 2024 20:58

Tgt Ion:	146	Resp:	1977
Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.0	66.0
148	52.3	32.1	96.3





#93

1,2,4-Trichlorobenzene

Concen: 0.801 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

Instrument :

MSVOA_N

ClientSampleId :

MW-1

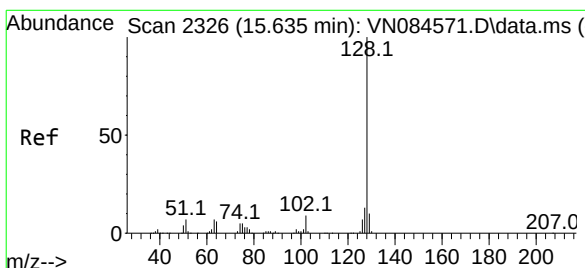
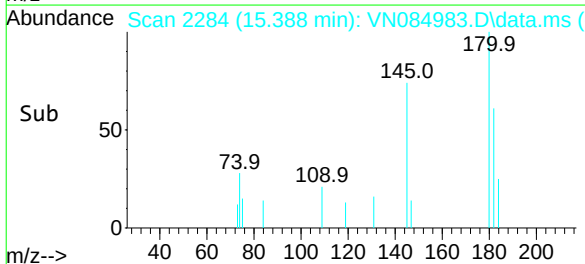
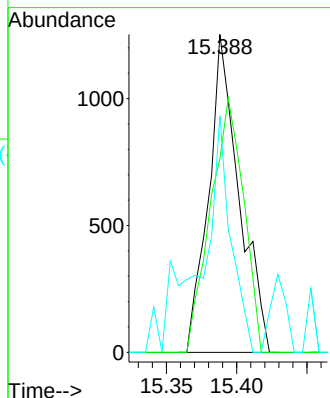
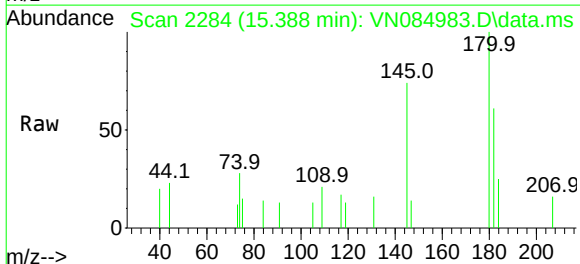
Tgt Ion:180 Resp: 1891

Ion Ratio Lower Upper

180 100

182 86.6 47.0 141.0

145 55.4 16.4 49.4#



#95

Naphthalene

Concen: 8.371 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084983.D

Acq: 20 Nov 2024 20:58

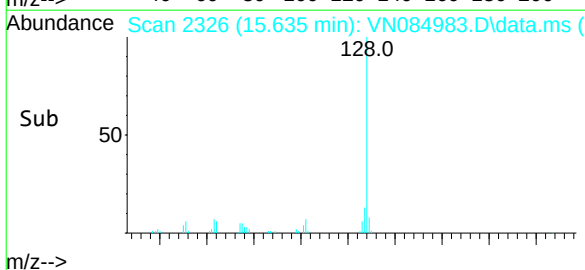
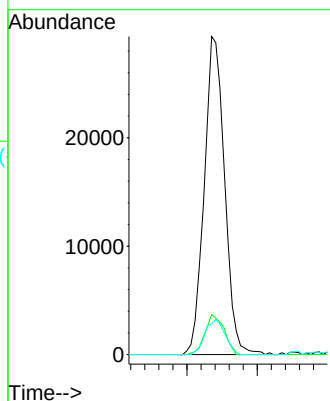
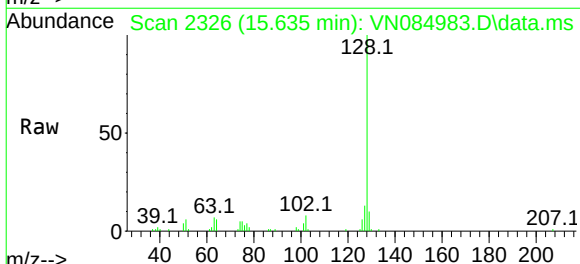
Tgt Ion:128 Resp: 59150

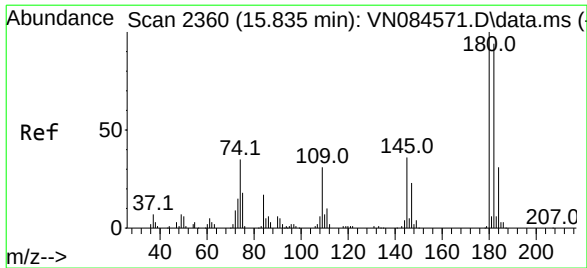
Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

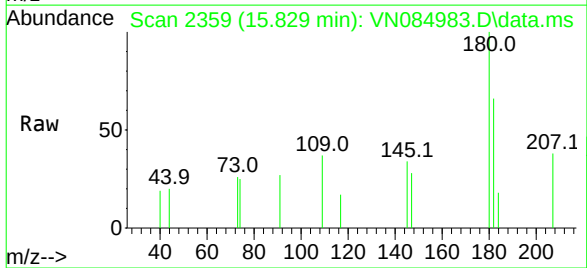
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.831 ug/l
 RT: 15.829 min Scan# 23
 Delta R.T. -0.006 min
 Lab File: VN084983.D
 Acq: 20 Nov 2024 20:58

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1



Tgt Ion:	180	Resp:	1905
Ion	Ratio	Lower	Upper
180	100		
182	89.8	48.2	144.6
145	47.9	17.3	51.9

