

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085874.D
 Acq On : 26 Feb 2025 16:21
 Operator : JC\MD
 Sample : Q1449-01 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW2

Quant Time: Feb 26 23:05:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

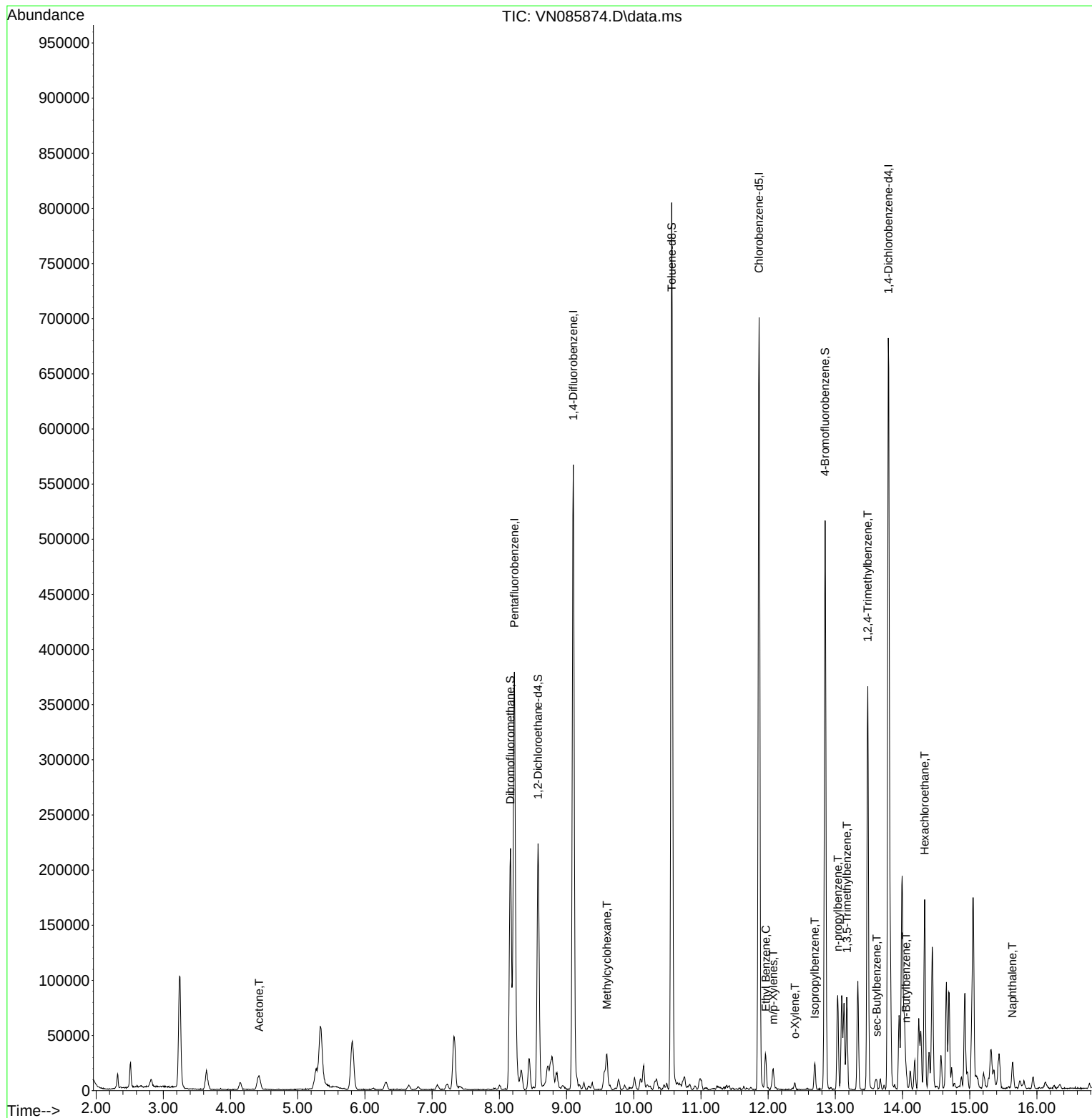
Internal Standards						
1) Pentafluorobenzene	8.224	168	265052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	486118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	426637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	197252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	175941	51.201	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	102.400%	
35) Dibromofluoromethane	8.165	113	158580	49.853	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.700%	
50) Toluene-d8	10.565	98	562384	48.594	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	97.180%	
62) 4-Bromofluorobenzene	12.847	95	185198	48.569	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	97.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	7754	7.131	ug/l #	54
39) Methylcyclohexane	9.600	83	12838	2.903	ug/l #	87
67) Ethyl Benzene	11.965	91	20883	1.364	ug/l	89
68) m/p-Xylenes	12.076	106	5794	0.996	ug/l	86
69) o-Xylene	12.400	106	1816	0.329	ug/l	97
73) Isopropylbenzene	12.694	105	16015	1.185	ug/l	96
78) n-propylbenzene	13.035	91	69277	4.476	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	45611	4.143	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	210153	19.296	ug/l	99
85) sec-Butylbenzene	13.618	105	6085m	0.465	ug/l	
89) n-Butylbenzene	14.053	91	8270	0.891	ug/l #	80
90) Hexachloroethane	14.329	117	11454	4.624	ug/l #	14
95) Naphthalene	15.635	128	24643	2.864	ug/l	98

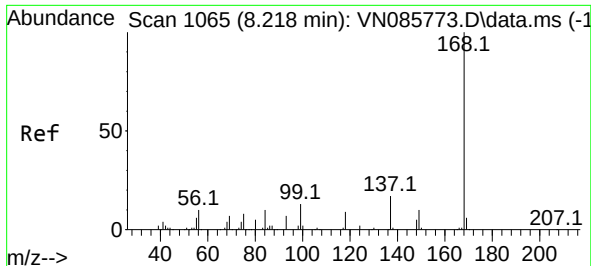
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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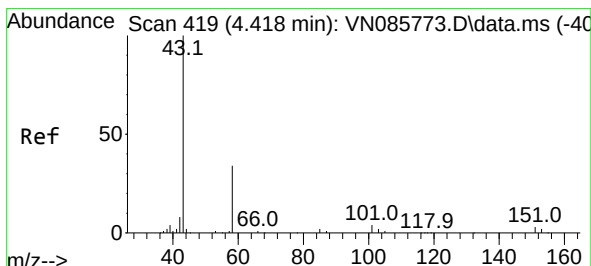
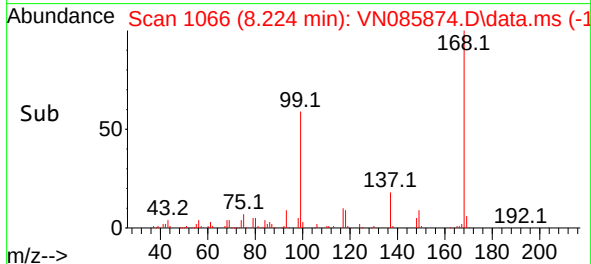
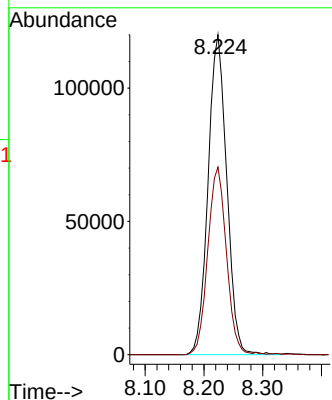
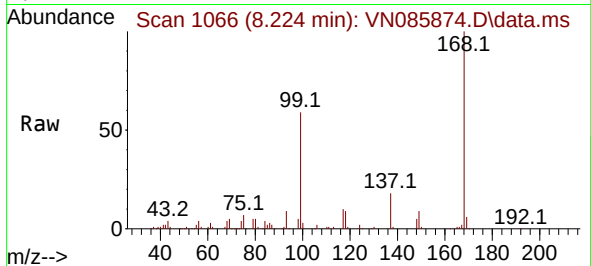




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

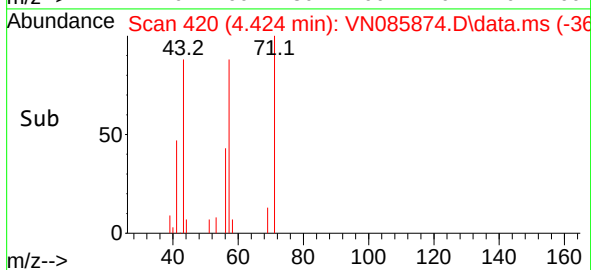
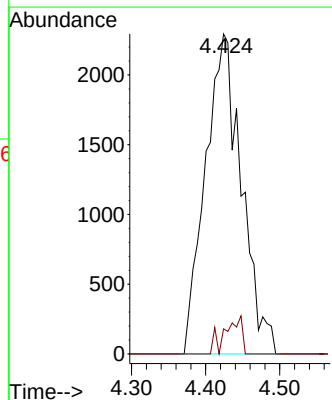
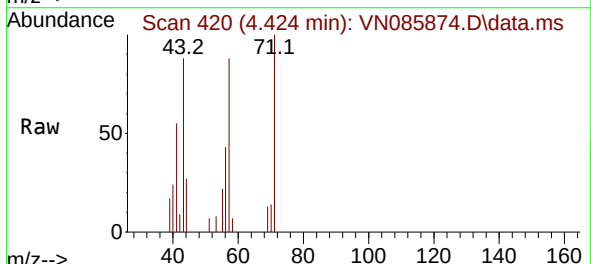
Instrument :
MSVOA_N
ClientSampleId :
MW2

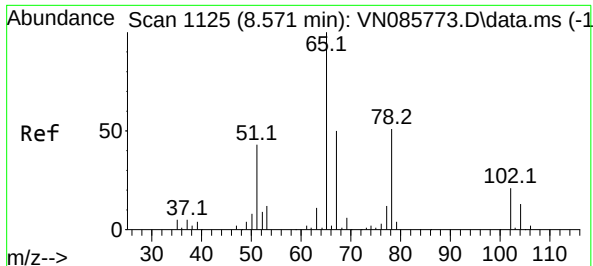
Tgt Ion:168 Resp: 265052
Ion Ratio Lower Upper
168 100
99 58.6 47.9 71.9



#16
Acetone
Concen: 7.131 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion: 43 Resp: 7754
Ion Ratio Lower Upper
43 100
58 7.8 27.5 41.3#





#33

1,2-Dichloroethane-d4

Concen: 51.201 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085874.D

Acq: 26 Feb 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

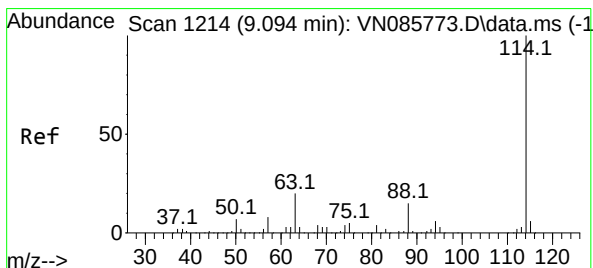
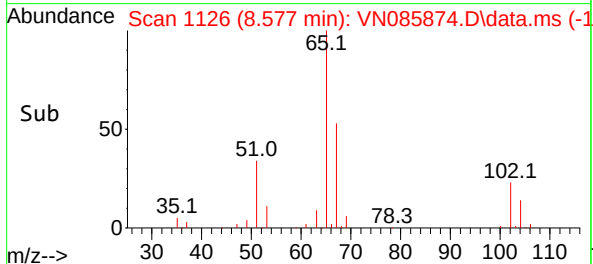
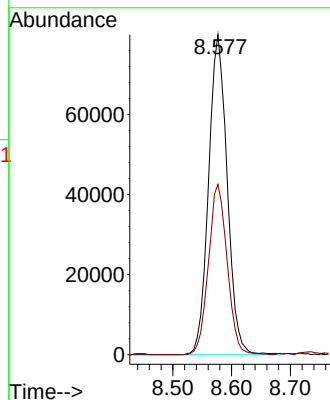
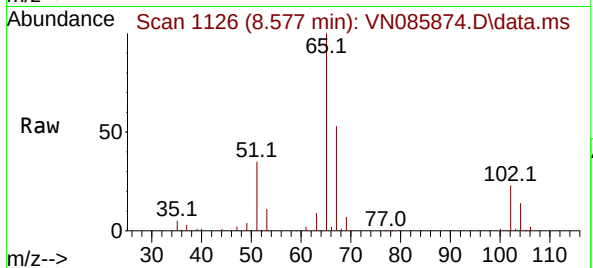
MW2

Tgt Ion: 65 Resp: 175941

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085874.D

Acq: 26 Feb 2025 16:21

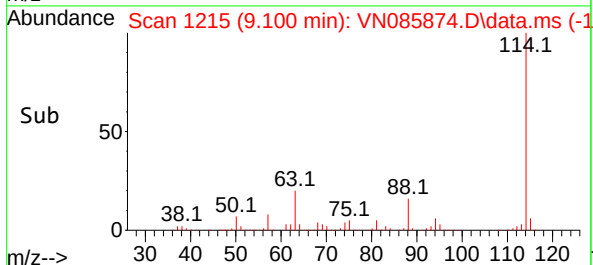
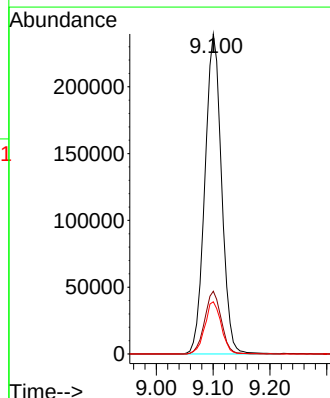
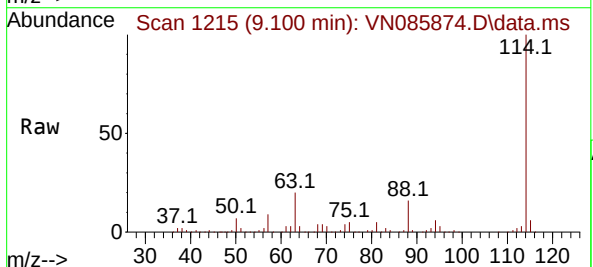
Tgt Ion: 114 Resp: 486118

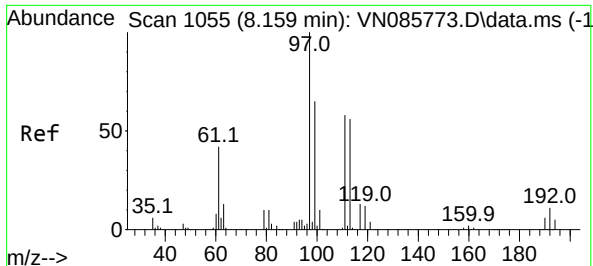
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.3 0.0 30.0

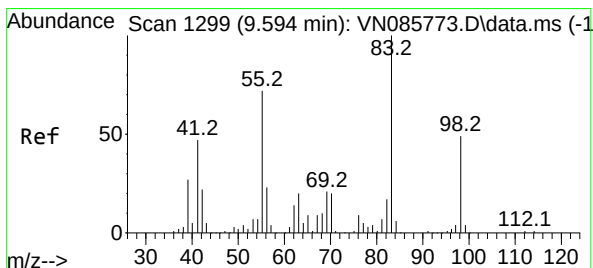
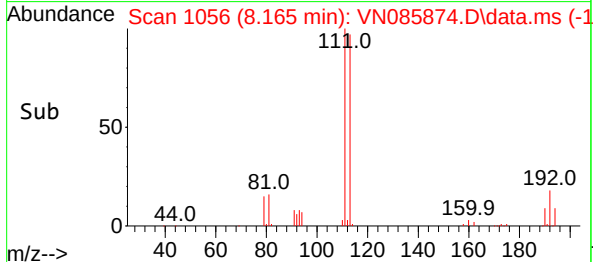
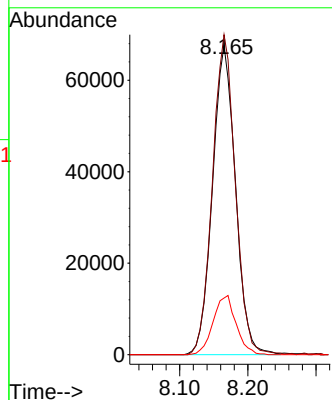
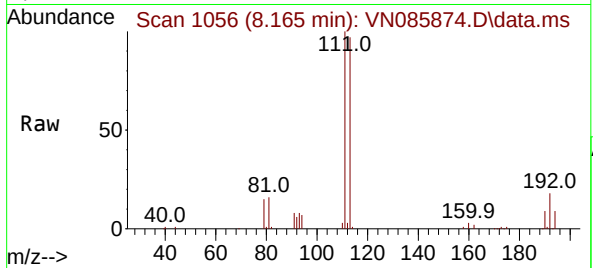




#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 8.165 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

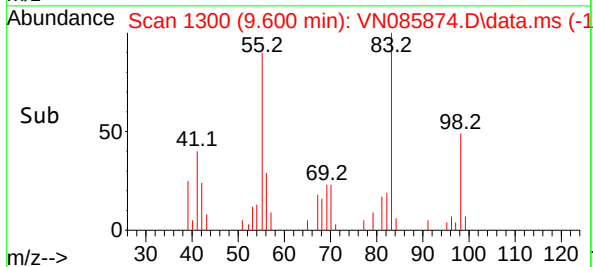
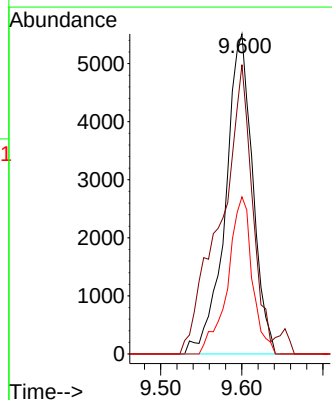
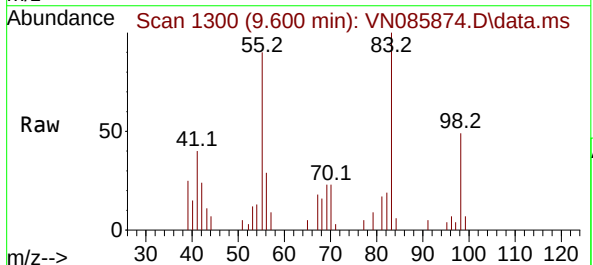
Instrument :
MSVOA_N
ClientSampleId :
MW2

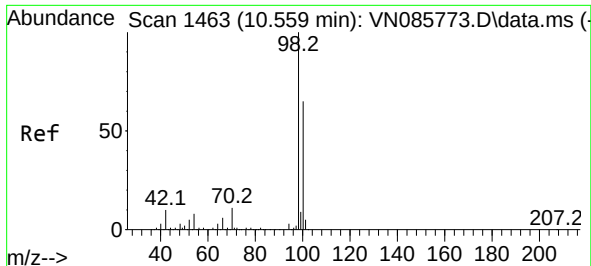
Tgt Ion:113 Resp: 158580
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.1 14.7 22.1



#39
Methylcyclohexane
Concen: 2.903 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion: 83 Resp: 12838
Ion Ratio Lower Upper
83 100
55 90.4 57.5 86.3#
98 49.1 39.2 58.8

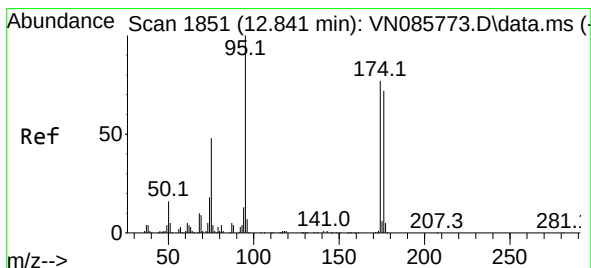
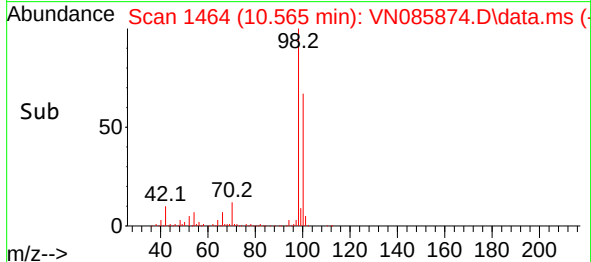
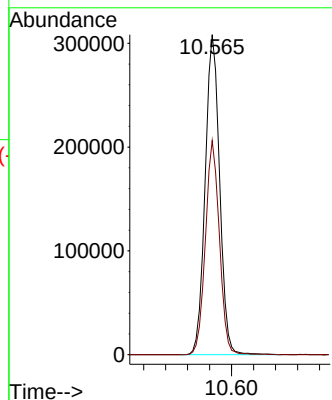
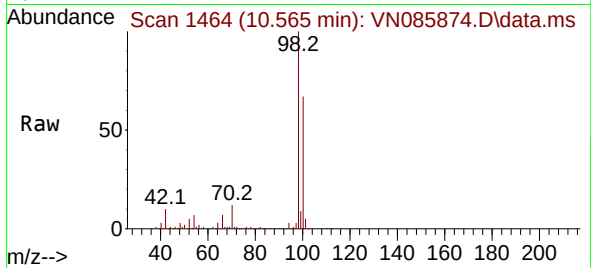




#50
Toluene-d8
Concen: 48.594 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

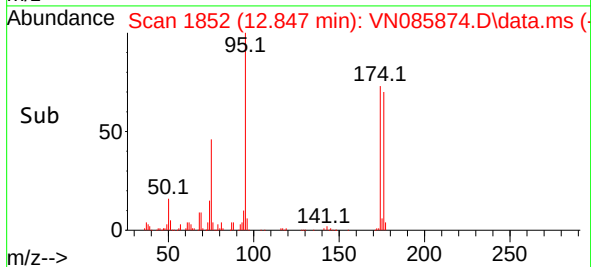
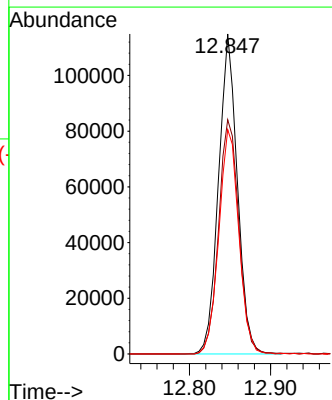
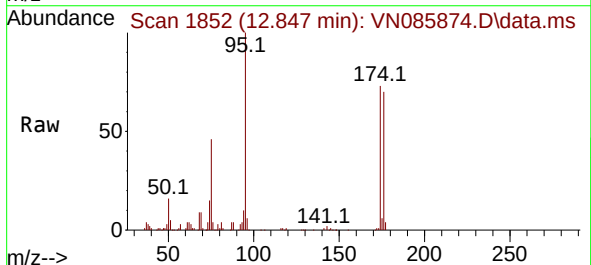
Instrument :
MSVOA_N
ClientSampleId :
MW2

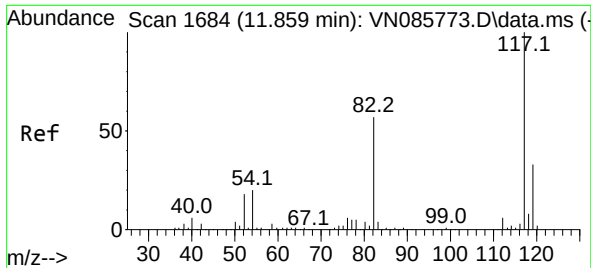
Tgt Ion: 98 Resp: 562384
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.569 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion: 95 Resp: 185198
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.4
176 74.3 0.0 146.6

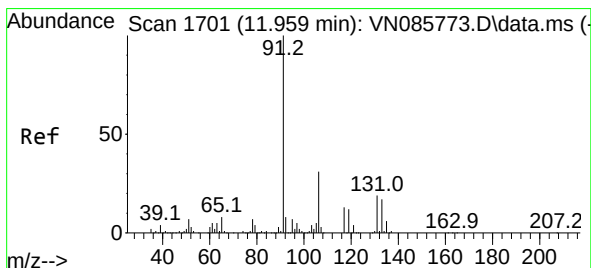
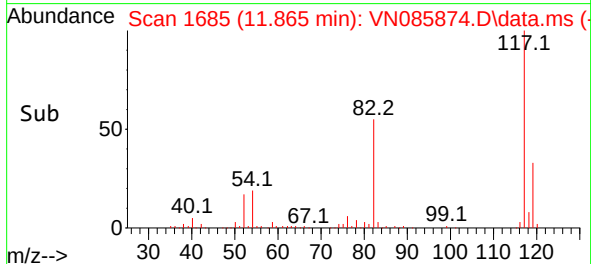
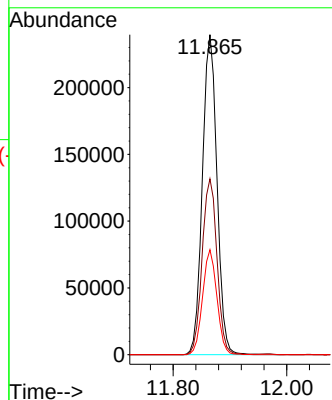
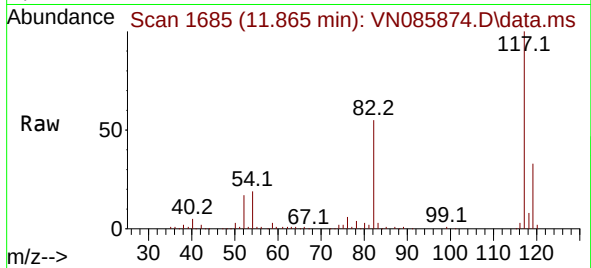




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

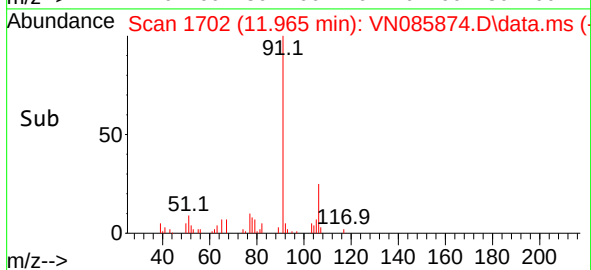
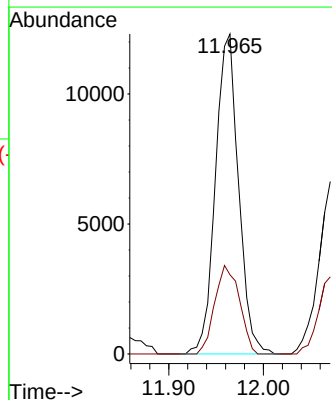
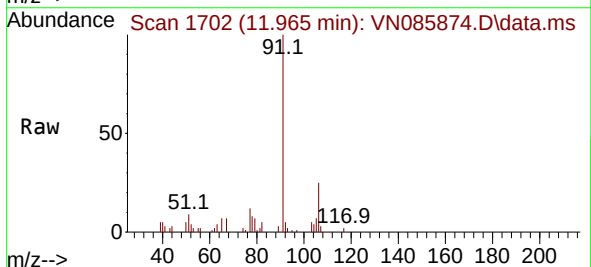
Instrument :
MSVOA_N
ClientSampleId :
MW2

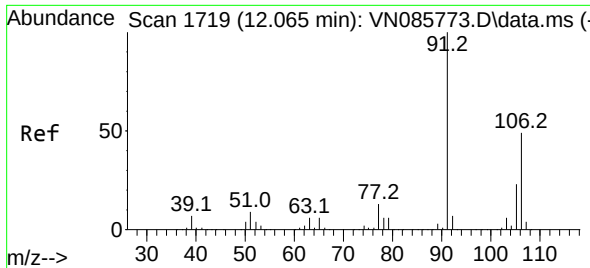
Tgt Ion:117 Resp: 426637
Ion Ratio Lower Upper
117 100
82 55.0 45.7 68.5
119 32.8 26.2 39.2



#67
Ethyl Benzene
Concen: 1.364 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion: 91 Resp: 20883
Ion Ratio Lower Upper
91 100
106 24.7 24.7 37.1

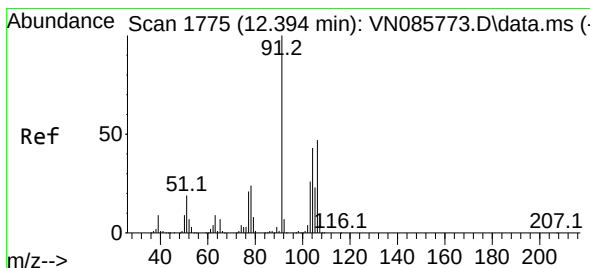
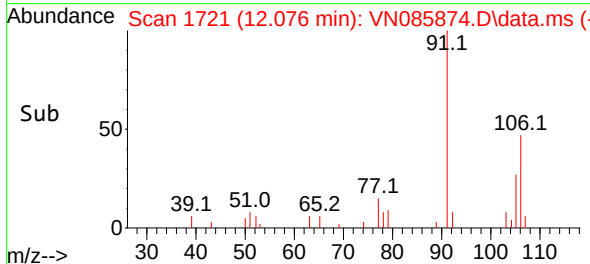
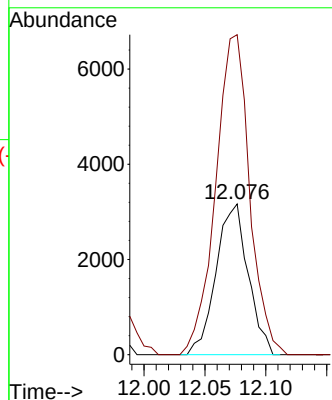
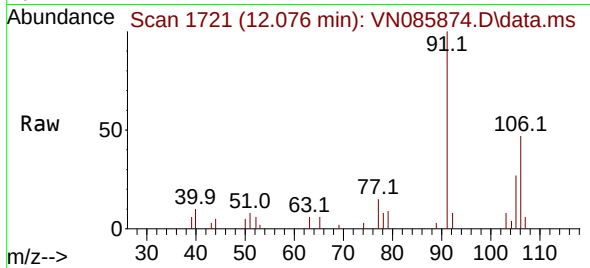




#68
m/p-Xylenes
Concen: 0.996 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.011 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

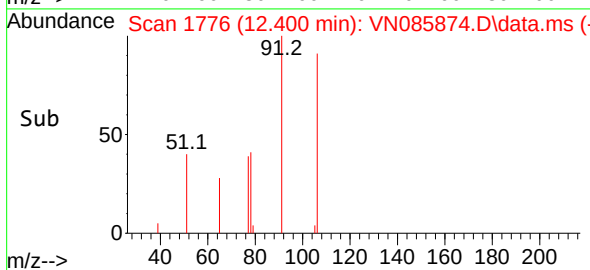
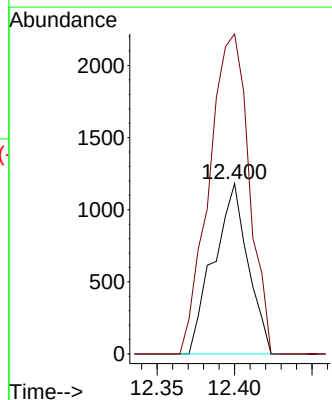
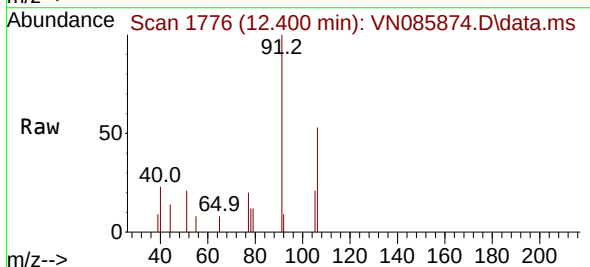
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MSVOA_N
ClientSampleId :
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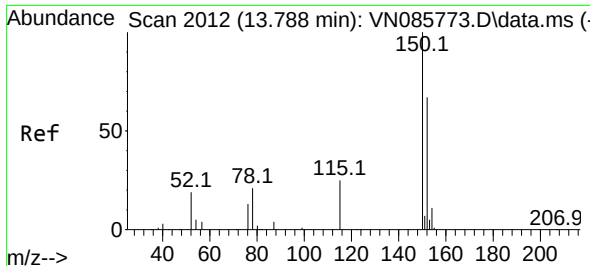
Tgt Ion:106 Resp: 5794
Ion Ratio Lower Upper
106 100
91 225.0 163.3 244.9



#69
o-Xylene
Concen: 0.329 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion:106 Resp: 1816
Ion Ratio Lower Upper
106 100
91 219.2 107.1 321.4

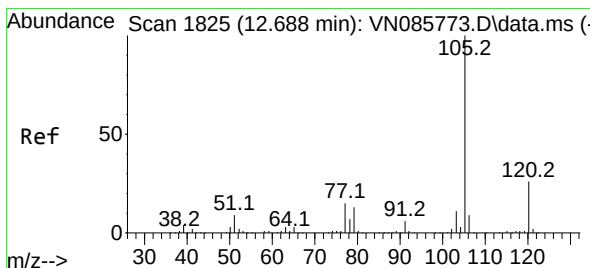
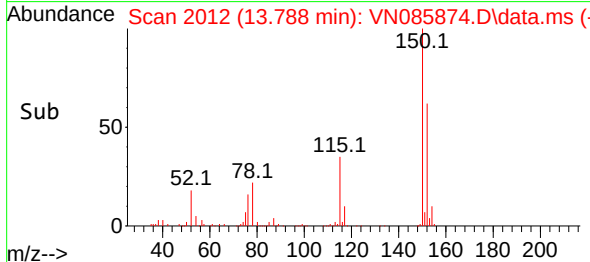
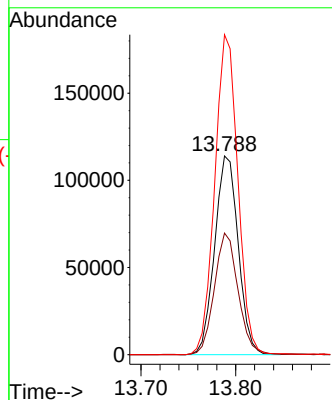
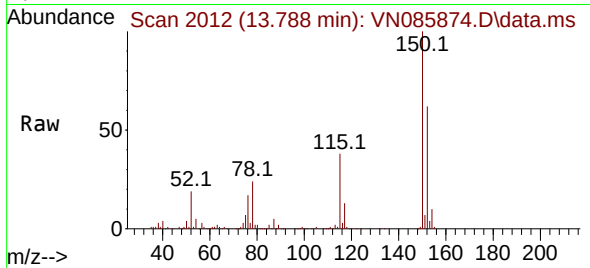




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

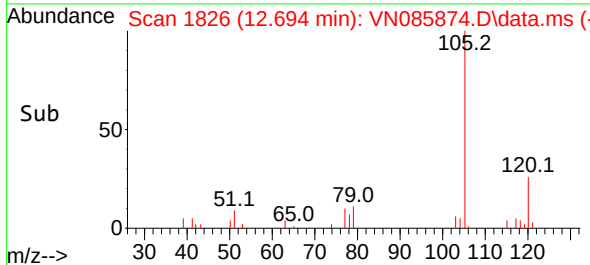
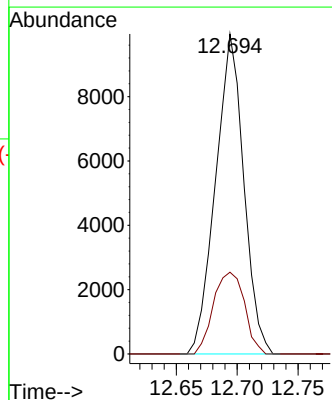
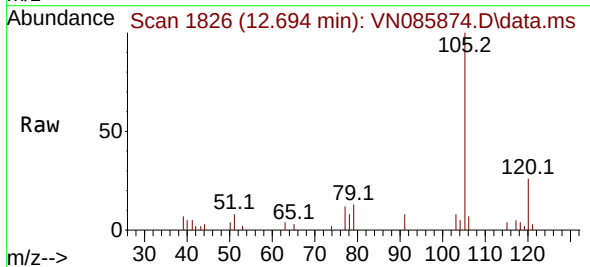
Instrument :
MSVOA_N
ClientSampleId :
MW2

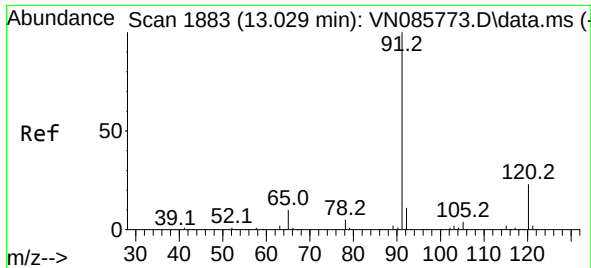
Tgt Ion:152 Resp: 197252
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 157.8 0.0 345.4



#73
Isopropylbenzene
Concen: 1.185 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion:105 Resp: 16015
Ion Ratio Lower Upper
105 100
120 28.1 13.0 39.0

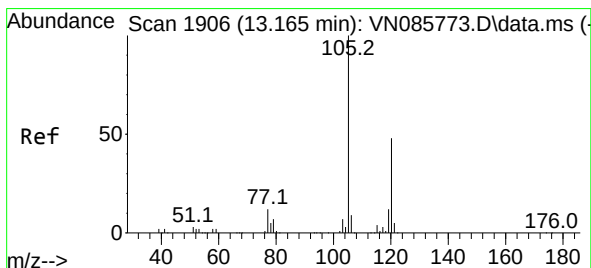
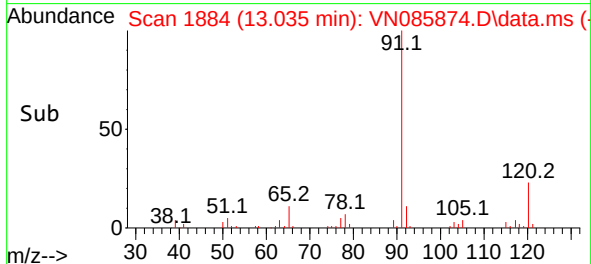
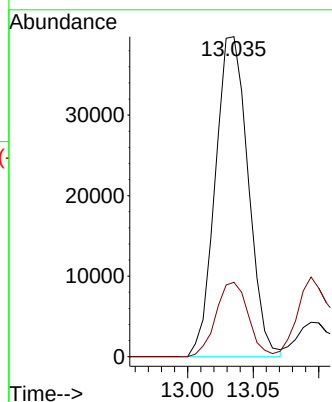
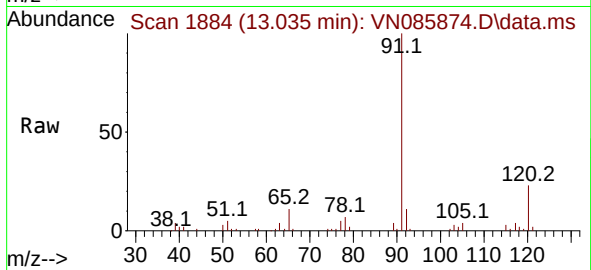




#78
n-propylbenzene
Concen: 4.476 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

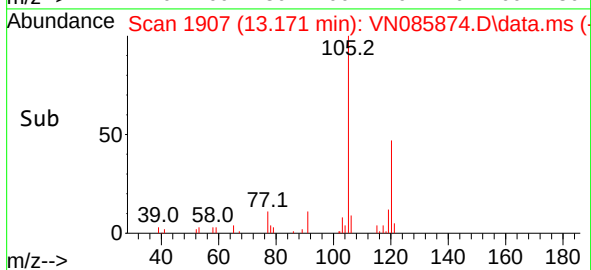
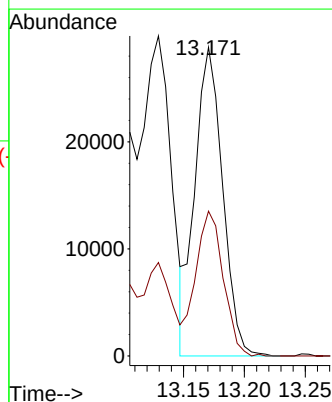
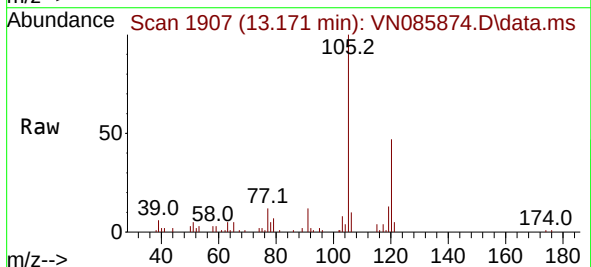
Instrument :
MSVOA_N
ClientSampleId :
MW2

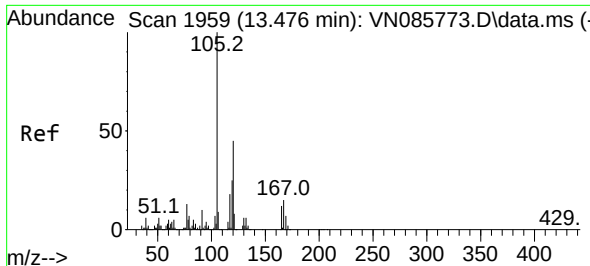
Tgt Ion: 91 Resp: 69277
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8



#80
1,3,5-Trimethylbenzene
Concen: 4.143 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion: 105 Resp: 45611
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9

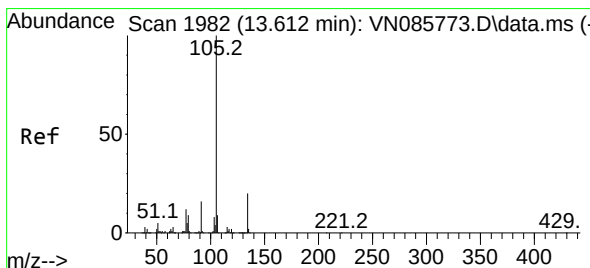
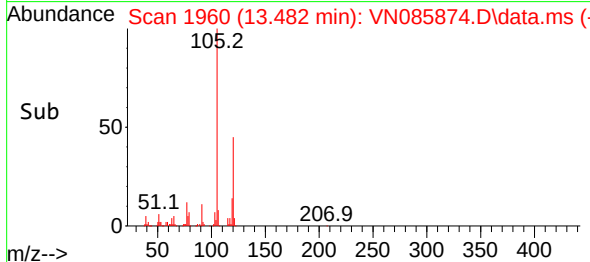
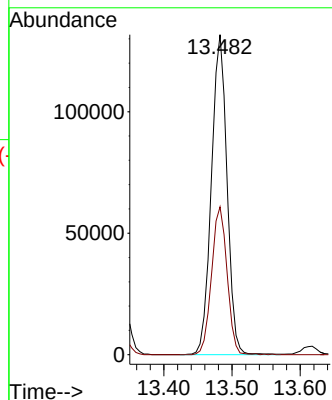
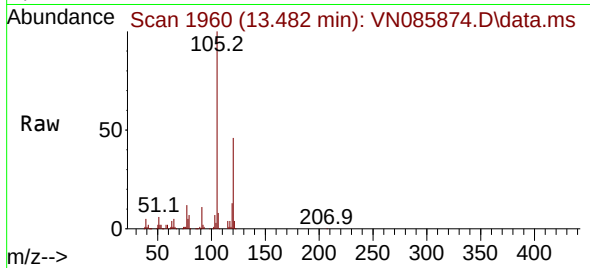




#84
1,2,4-Trimethylbenzene
Concen: 19.296 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

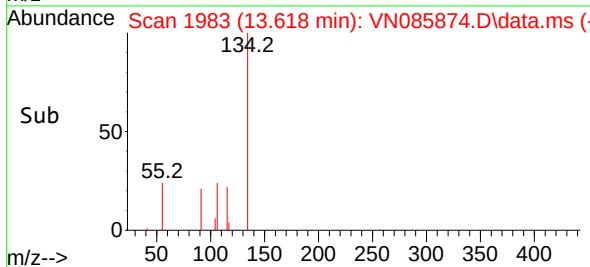
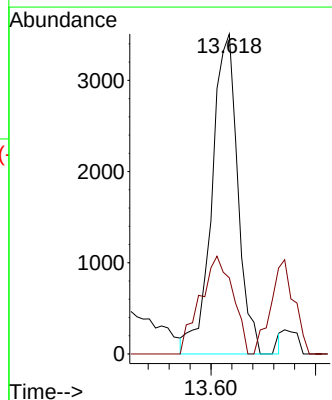
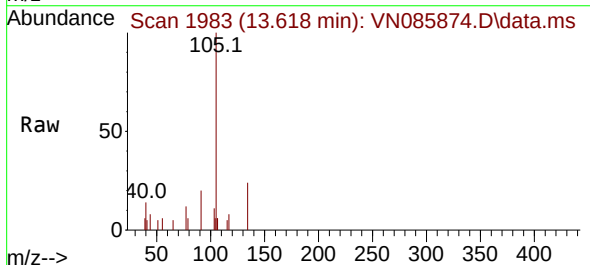
Instrument :
MSVOA_N
ClientSampleId :
MW2

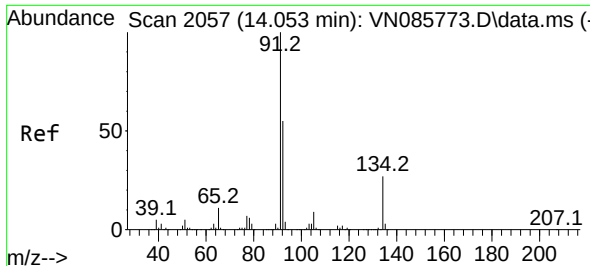
Tgt Ion:105 Resp: 210153
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.465 ug/l m
RT: 13.618 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion:105 Resp: 6085
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

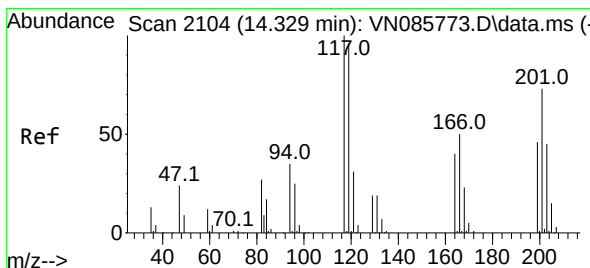
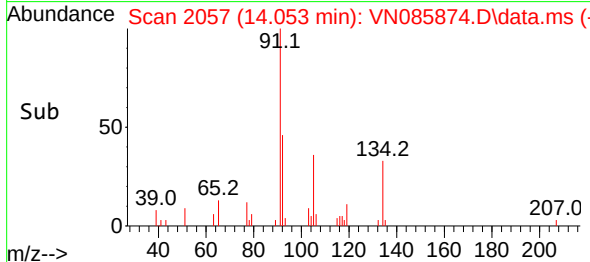
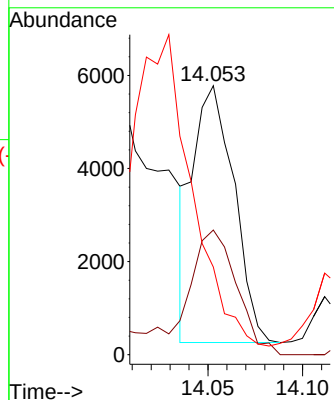
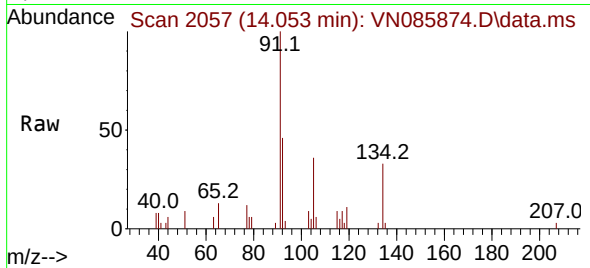




#89
n-Butylbenzene
Concen: 0.891 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

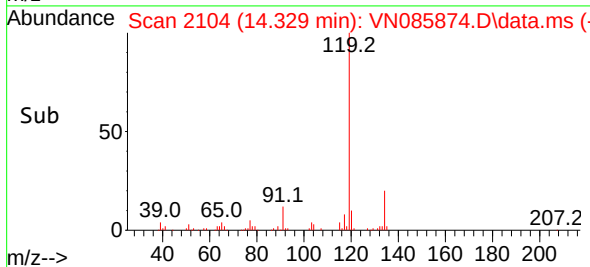
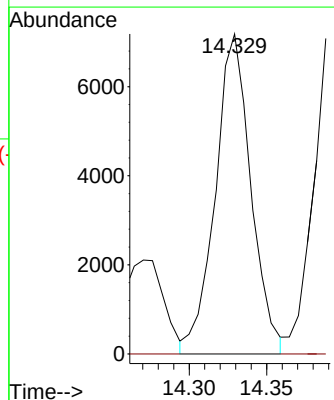
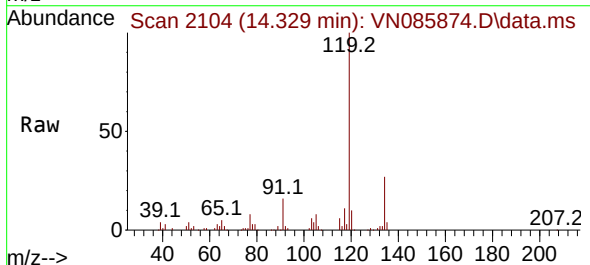
Instrument :
MSVOA_N
ClientSampleId :
MW2

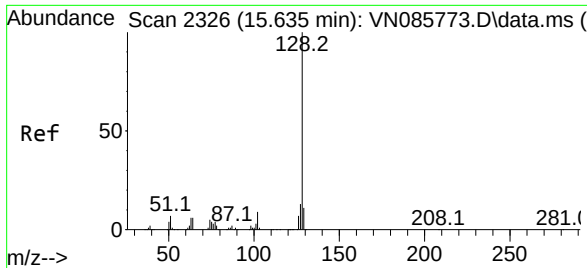
Tgt Ion: 91 Resp: 8270
Ion Ratio Lower Upper
91 100
92 58.4 27.1 81.3
134 0.0 12.7 38.1#



#90
Hexachloroethane
Concen: 4.624 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085874.D
Acq: 26 Feb 2025 16:21

Tgt Ion: 117 Resp: 11454
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.9#





#95

Naphthalene

Concen: 2.864 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085874.D

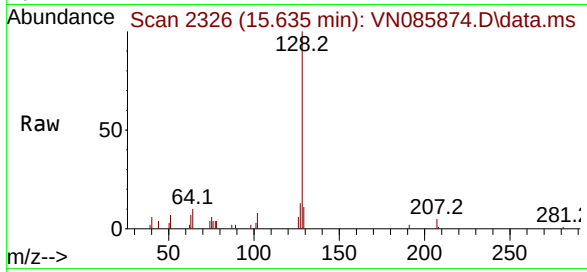
Acq: 26 Feb 2025 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW2



Tgt Ion:128 Resp: 24643

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 10.4 8.7 13.1

