

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
 Data File : VN074786.D
 Acq On : 06 Oct 2022 16:16
 Operator : JC\MD
 Sample : N4910-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Oct 06 19:16:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

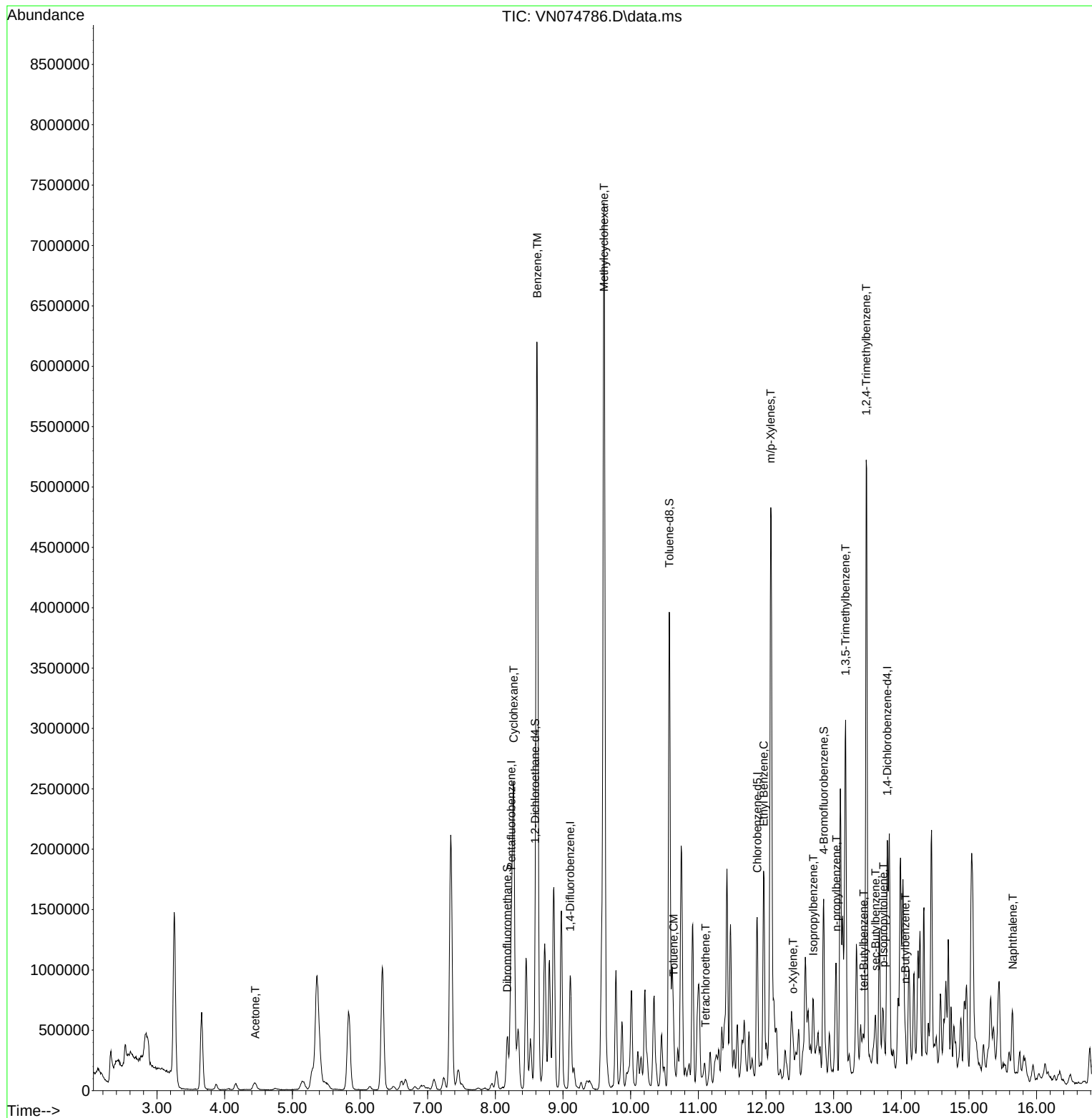
Internal Standards						
1) Pentafluorobenzene	8.235	168	317637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	704225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	439129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	413444	54.934	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.860%	
35) Dibromofluoromethane	8.177	113	306172	49.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.900%	
50) Toluene-d8	10.571	98	1506656	56.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.420%#	
62) 4-Bromofluorobenzene	12.853	95	473477	58.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.260%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	57258	13.425	ug/l #	55
31) Cyclohexane	8.271	56	1551113	119.243	ug/l	99
39) Methylcyclohexane	9.606	83	3085281	237.658	ug/l	92
40) Benzene	8.618	78	6264079	193.085	ug/l	98
52) Toluene	10.635	92	156649	8.038	ug/l	98
64) Tetrachloroethene	11.106	164	5426	0.949	ug/l #	77
67) Ethyl Benzene	11.965	91	846172	21.042	ug/l	99
68) m/p-Xylenes	12.070	106	1370331	90.778	ug/l	98
69) o-Xylene	12.400	106	39729	2.565	ug/l	94
73) Isopropylbenzene	12.700	105	381960	9.039	ug/l	100
78) n-propylbenzene	13.041	91	580525	11.925	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1264745	37.528	ug/l	99
83) tert-Butylbenzene	13.441	119	96180	3.303	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	2945409	86.434	ug/l	97
85) sec-Butylbenzene	13.617	105	257737	6.090	ug/l #	72
86) p-Isopropyltoluene	13.735	119	221583	6.785	ug/l	98
89) n-Butylbenzene	14.059	91	175472m	6.096	ug/l	
95) Naphthalene	15.647	128	525234	17.209	ug/l	98

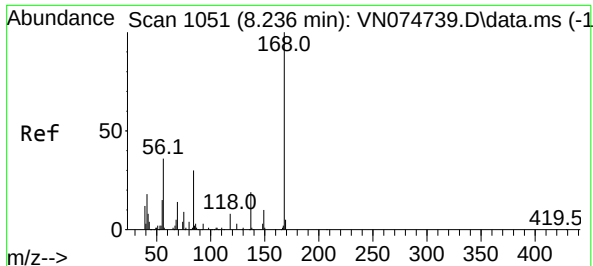
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100622\
Data File : VN074786.D
Acq On : 06 Oct 2022 16:16
Operator : JC\MD
Sample : N4910-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Quant Time: Oct 06 19:16:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 05:37:50 2022
Response via : Initial Calibration

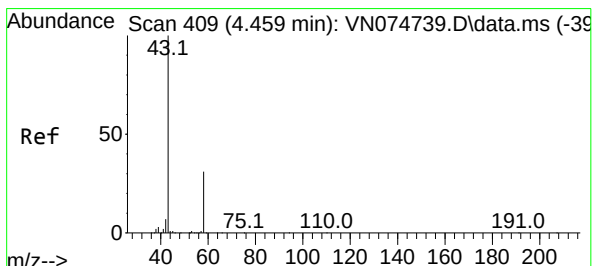
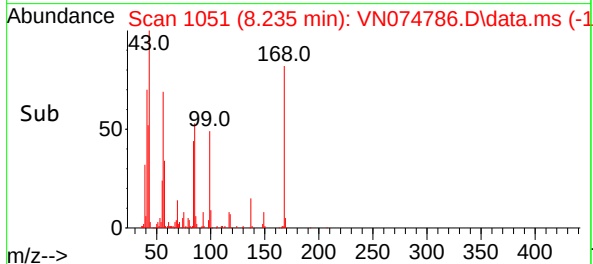
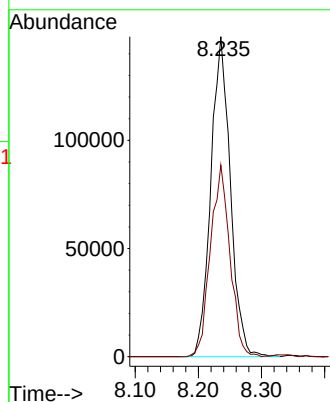
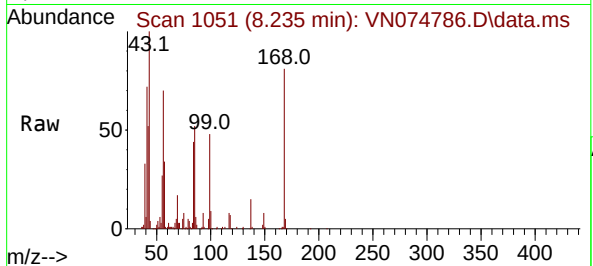




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

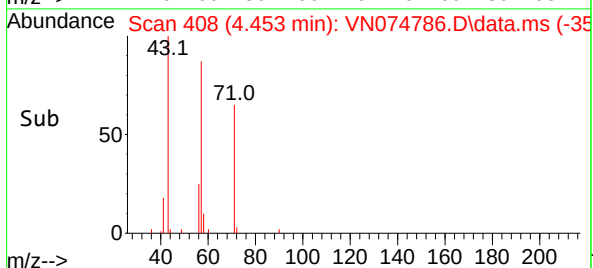
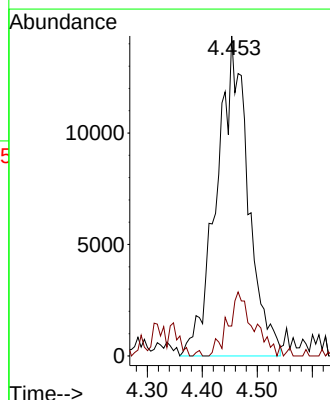
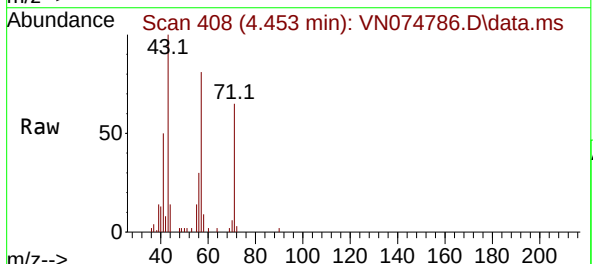
Instrument :
MSVOA_N
ClientSampleId :
MW-3

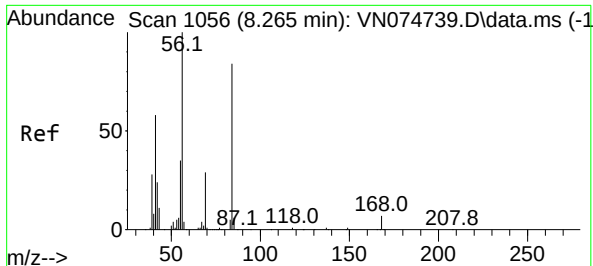
Tgt Ion:168 Resp: 317637
Ion Ratio Lower Upper
168 100
99 59.9 42.8 64.2



#16
Acetone
Concen: 13.425 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.006 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion: 43 Resp: 57258
Ion Ratio Lower Upper
43 100
58 6.2 24.9 37.3#

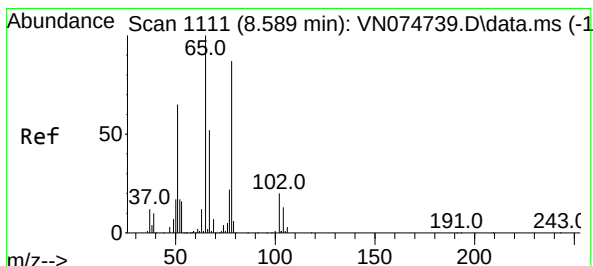
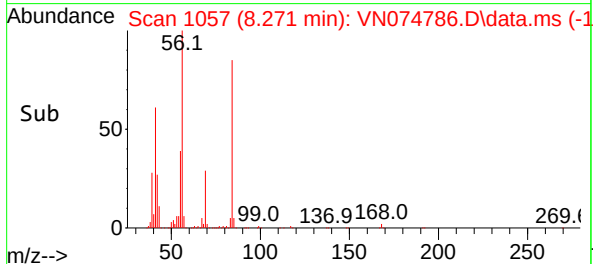
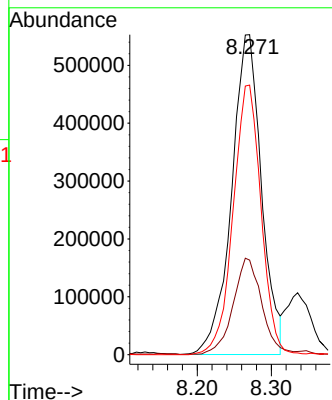
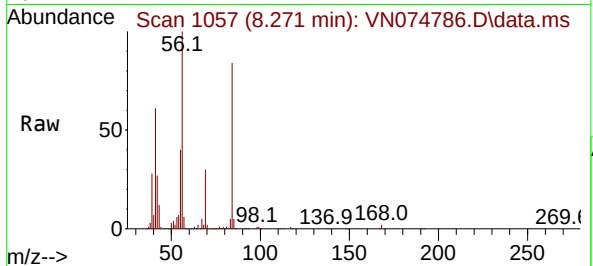




#31
Cyclohexane
Concen: 119.243 ug/l
RT: 8.271 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

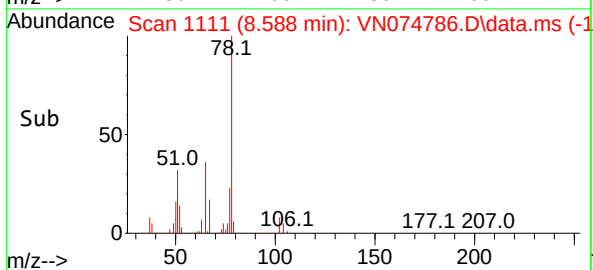
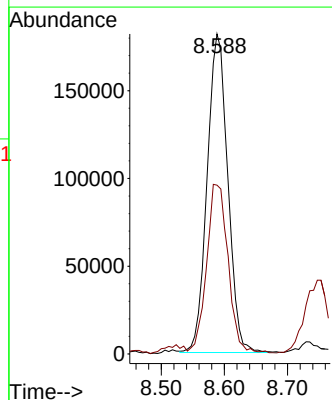
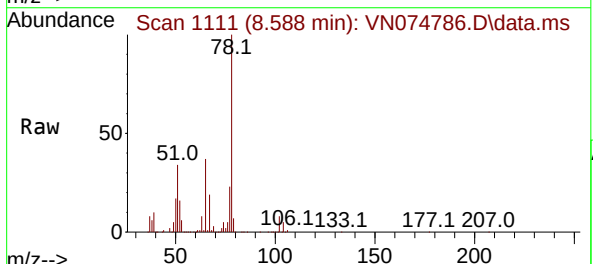
Instrument :
MSVOA_N
ClientSampleId :
MW-3

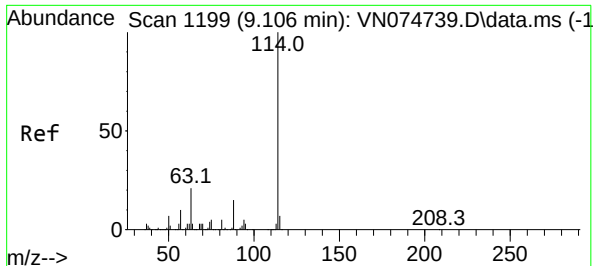
Tgt Ion: 56 Resp: 1551113
Ion Ratio Lower Upper
56 100
69 29.5 23.1 34.7
84 84.3 67.1 100.7



#33
1,2-Dichloroethane-d4
Concen: 54.934 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion: 65 Resp: 413444
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074786.D

Acq: 06 Oct 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

MW-3

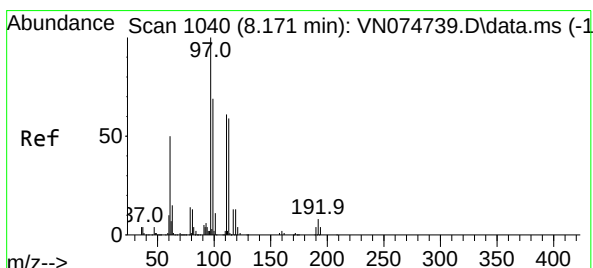
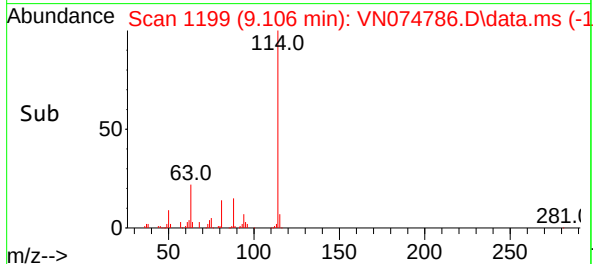
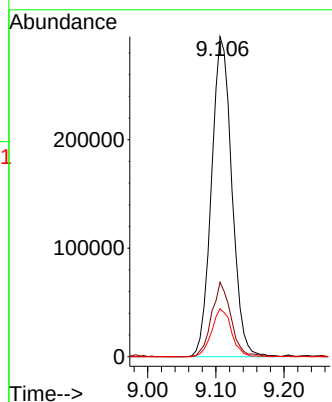
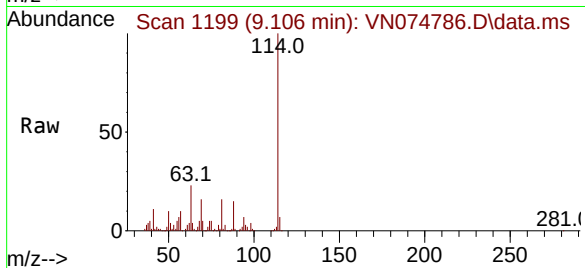
Tgt Ion:114 Resp: 612788

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.2

88 15.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.452 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN074786.D

Acq: 06 Oct 2022 16:16

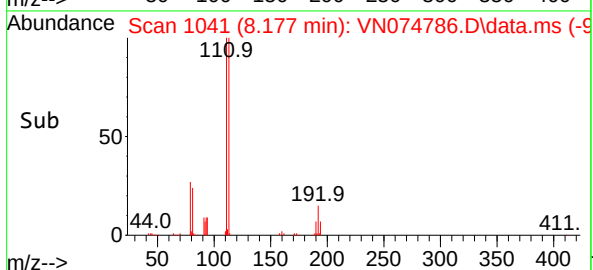
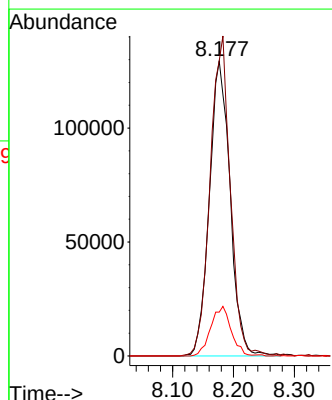
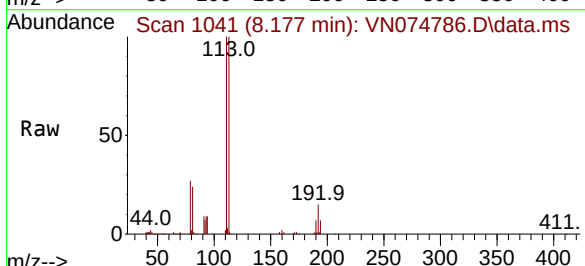
Tgt Ion:113 Resp: 306172

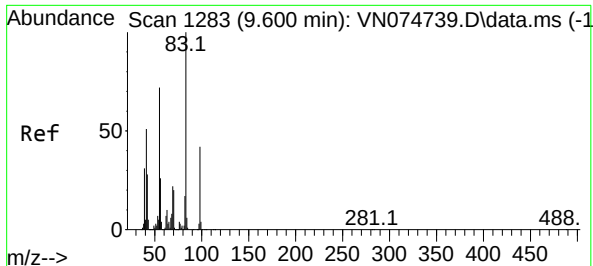
Ion Ratio Lower Upper

113 100

111 105.2 83.0 124.6

192 16.5 12.6 18.8





#39

Methylcyclohexane

Concen: 237.658 ug/l

RT: 9.606 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074786.D

Acq: 06 Oct 2022 16:16

Instrument :

MSVOA_N

ClientSampleId :

MW-3

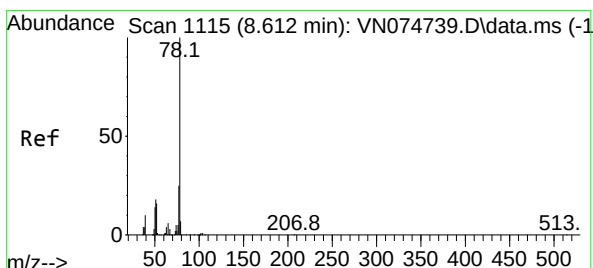
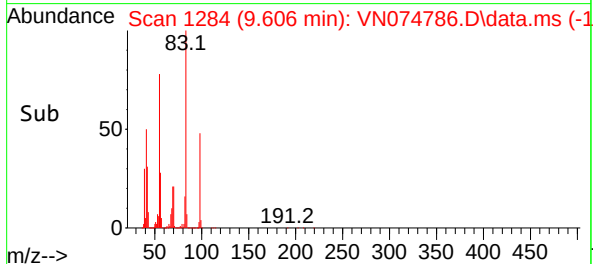
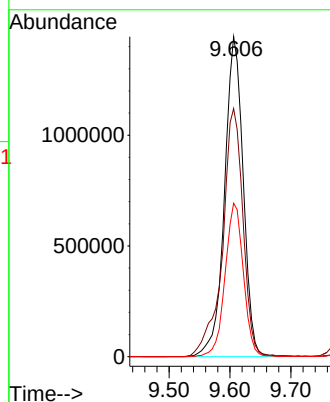
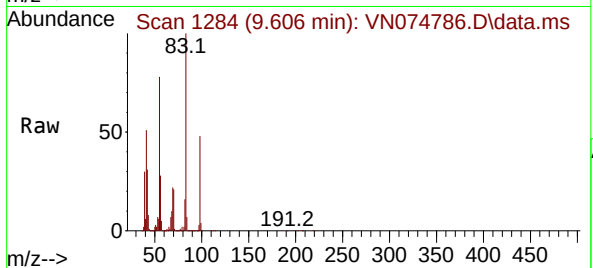
Tgt Ion: 83 Resp: 3085281

Ion Ratio Lower Upper

83 100

55 77.5 57.3 85.9

98 47.9 33.4 50.2



#40

Benzene

Concen: 193.085 ug/l

RT: 8.618 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN074786.D

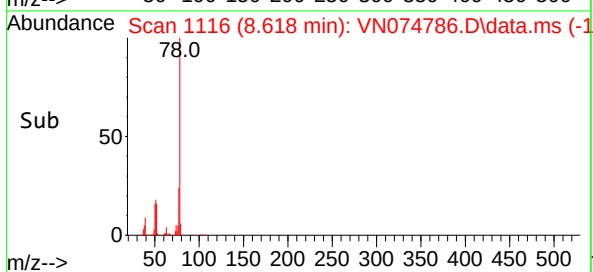
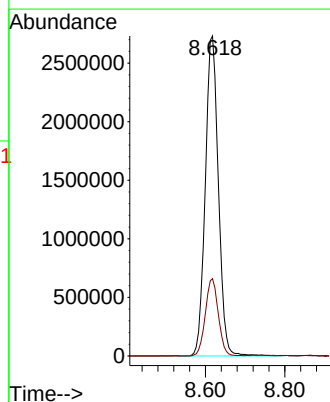
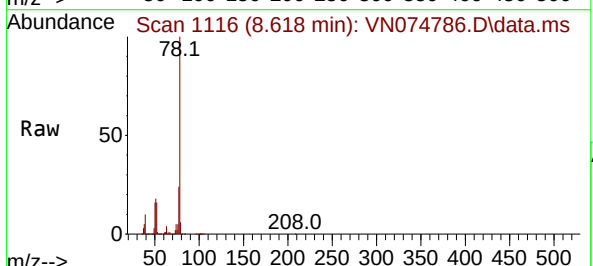
Acq: 06 Oct 2022 16:16

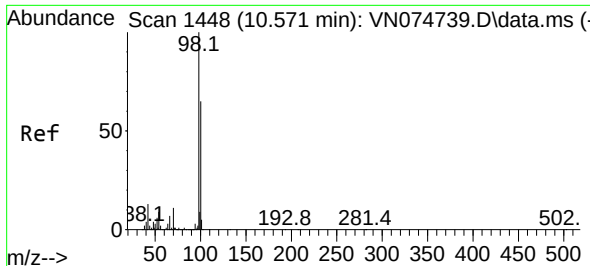
Tgt Ion: 78 Resp: 6264079

Ion Ratio Lower Upper

78 100

77 24.1 20.1 30.1

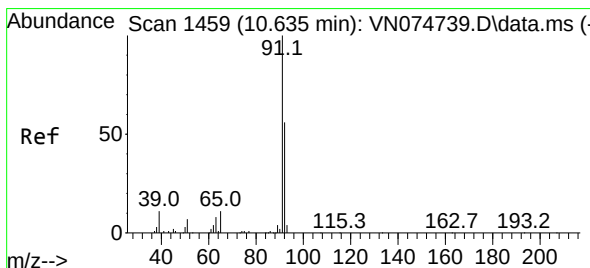
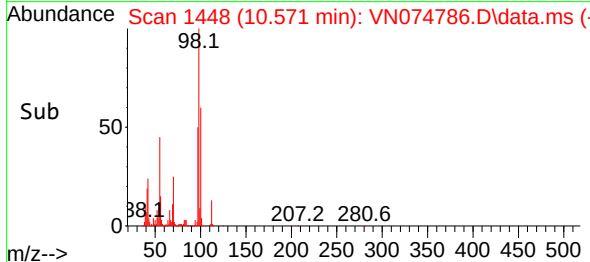
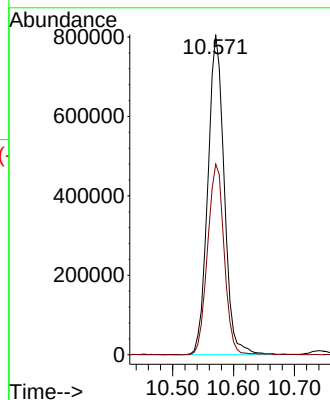
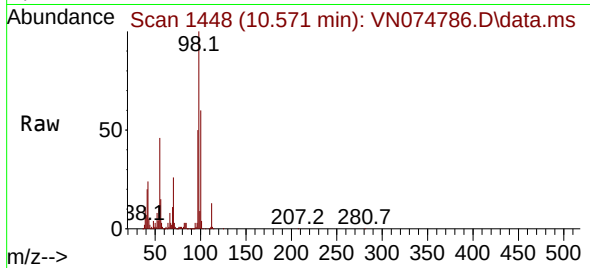




#50
Toluene-d8
Concen: 56.713 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

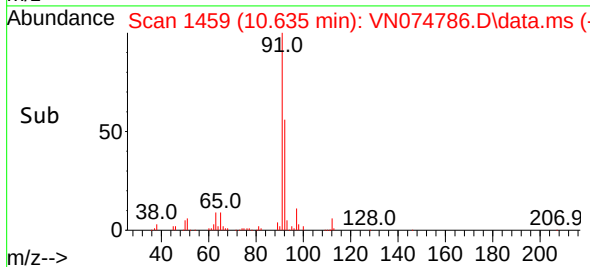
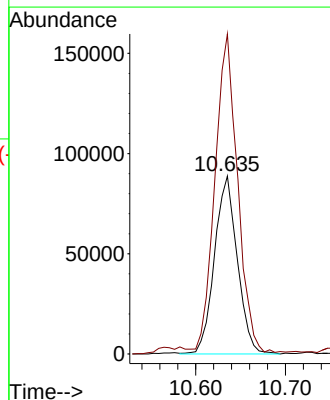
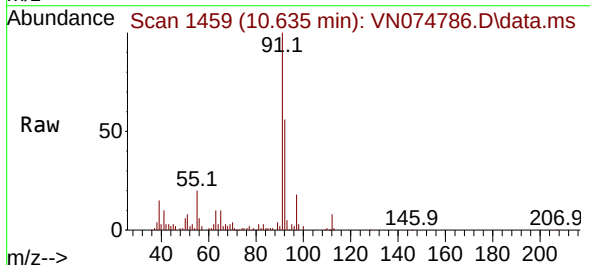
Instrument :
MSVOA_N
ClientSampleId :
MW-3

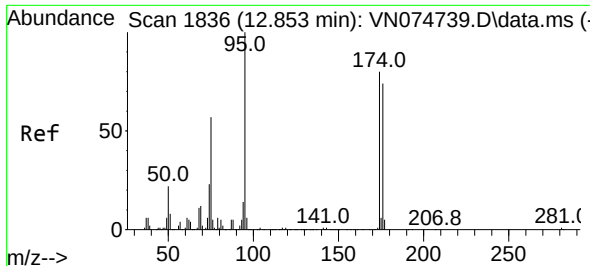
Tgt Ion: 98 Resp: 1506656
Ion Ratio Lower Upper
98 100
100 60.4 50.7 76.1



#52
Toluene
Concen: 8.038 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion: 92 Resp: 156649
Ion Ratio Lower Upper
92 100
91 178.1 140.2 210.4

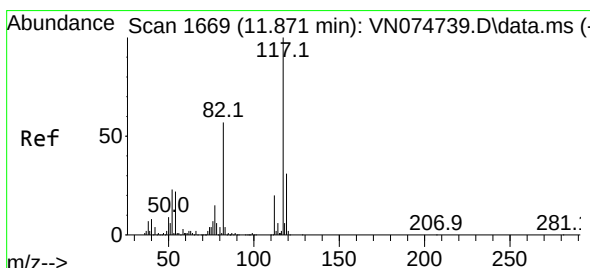
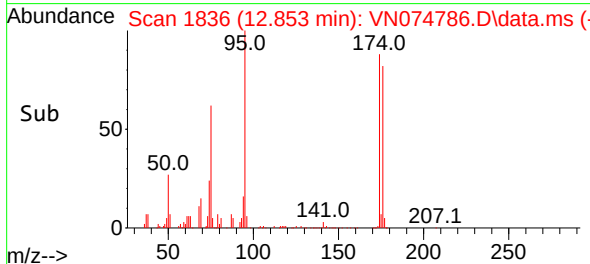
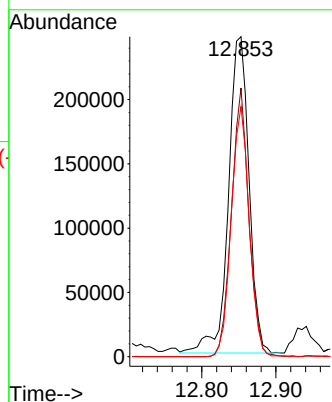
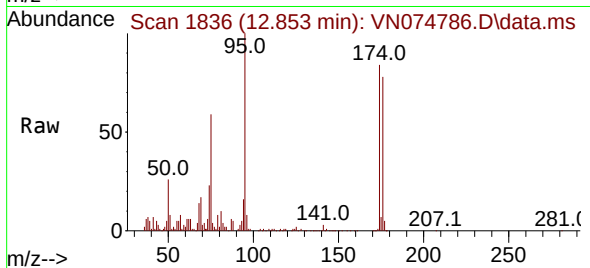




#62
4-Bromofluorobenzene
Concen: 58.630 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

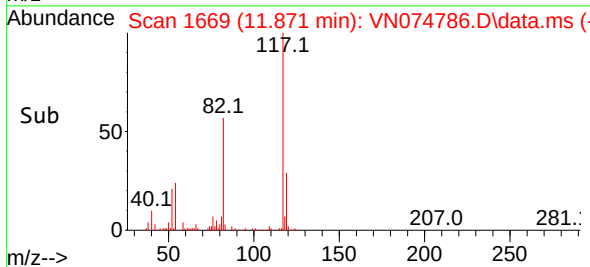
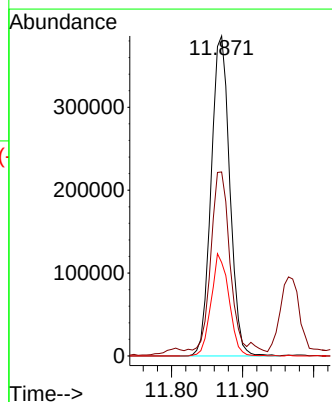
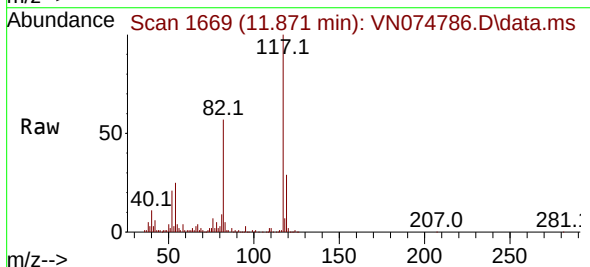
Instrument :
MSVOA_N
ClientSampleId :
MW-3

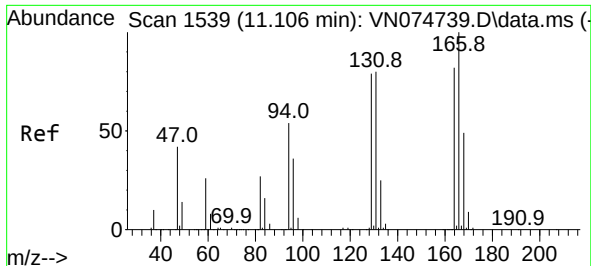
Tgt Ion: 95 Resp: 473477
Ion Ratio Lower Upper
95 100
174 71.9 0.0 149.4
176 69.6 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion: 117 Resp: 704225
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.2
119 29.2 25.1 37.7

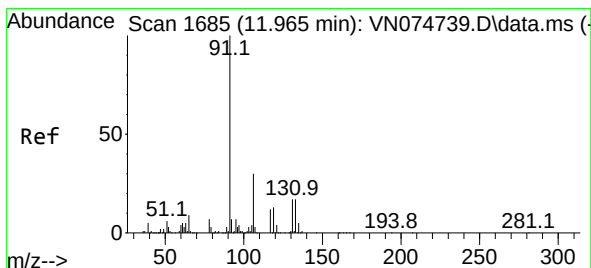
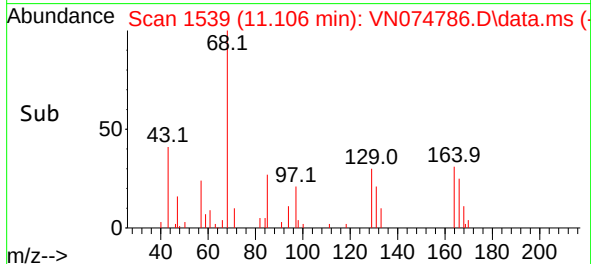
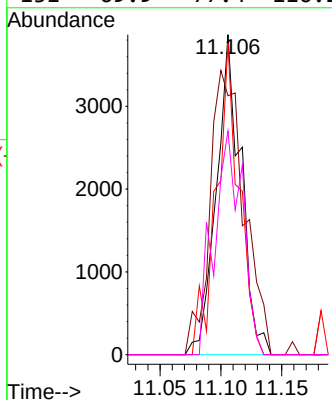
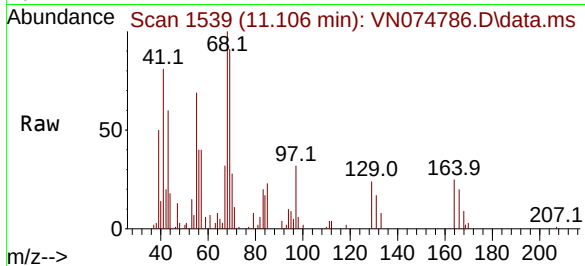




#64
Tetrachloroethene
Concen: 0.949 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

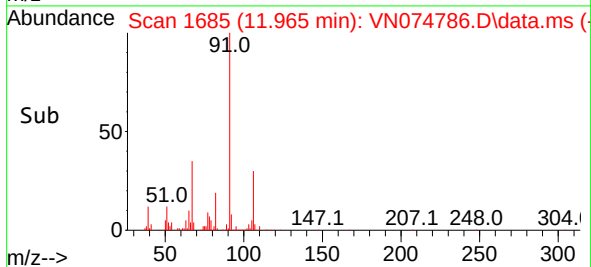
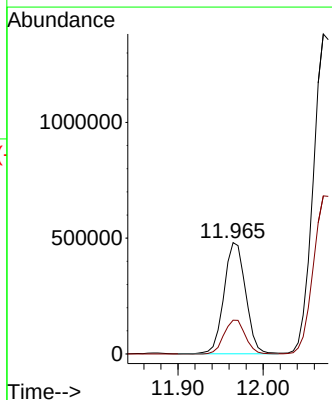
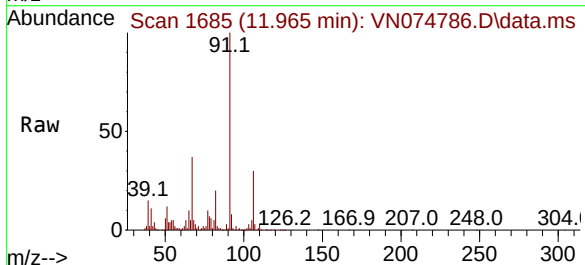
Instrument :
MSVOA_N
ClientSampleId :
MW-3

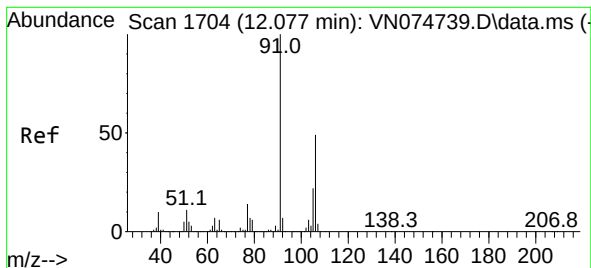
Tgt Ion:164 Resp: 5426
Ion Ratio Lower Upper
164 100
166 80.9 97.0 145.6#
129 97.4 77.0 115.6
131 69.9 77.4 116.2#



#67
Ethyl Benzene
Concen: 21.042 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion: 91 Resp: 846172
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

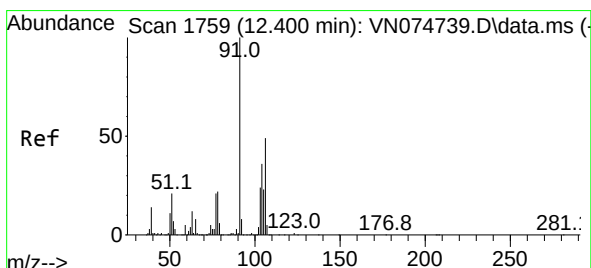
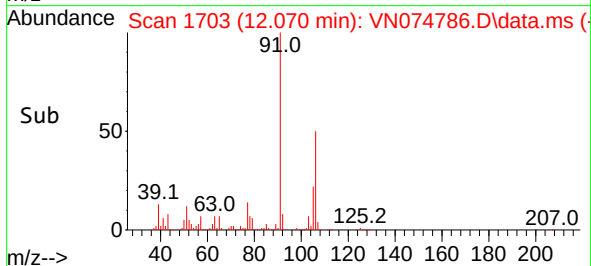
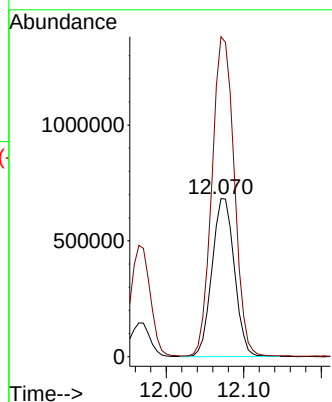
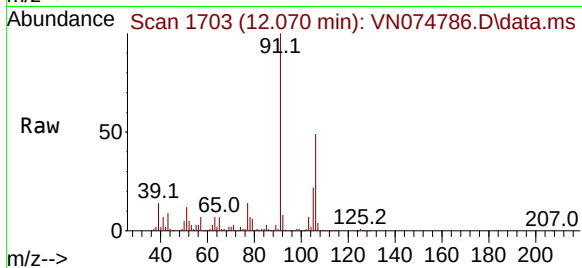




#68
m/p-Xylenes
Concen: 90.778 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

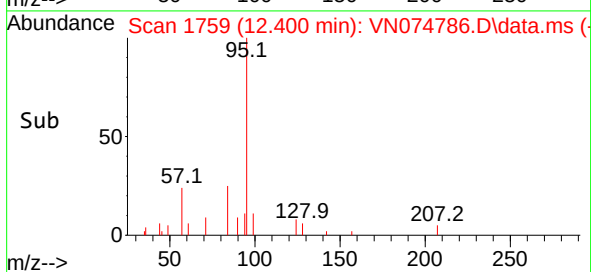
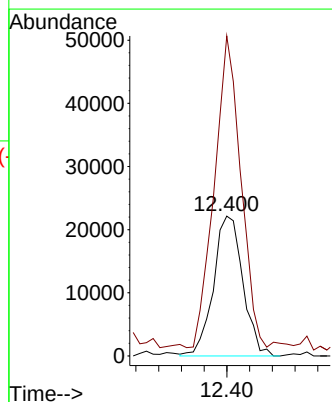
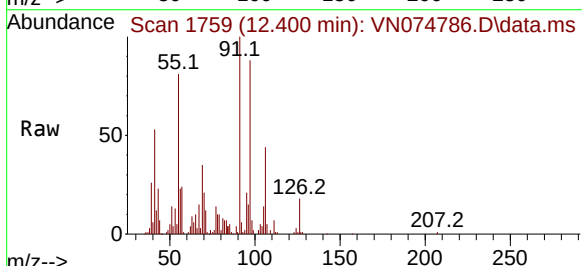
Instrument :
MSVOA_N
ClientSampleId :
MW-3

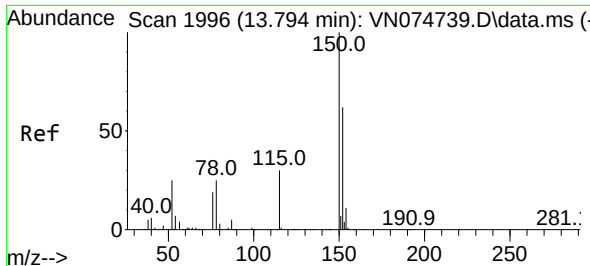
Tgt Ion:106 Resp: 1370331
Ion Ratio Lower Upper
106 100
91 202.3 164.2 246.4



#69
o-Xylene
Concen: 2.565 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion:106 Resp: 39729
Ion Ratio Lower Upper
106 100
91 201.8 105.4 316.1



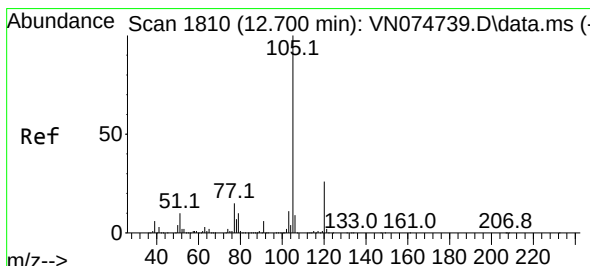
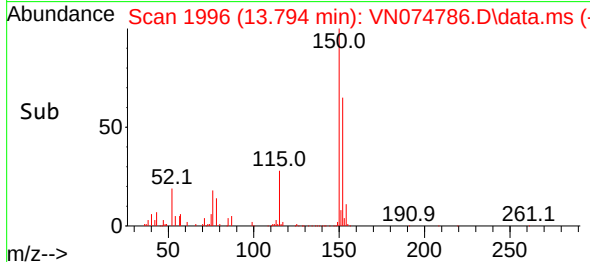
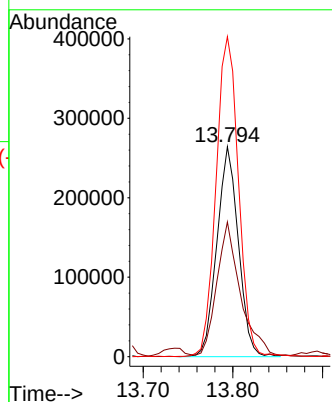
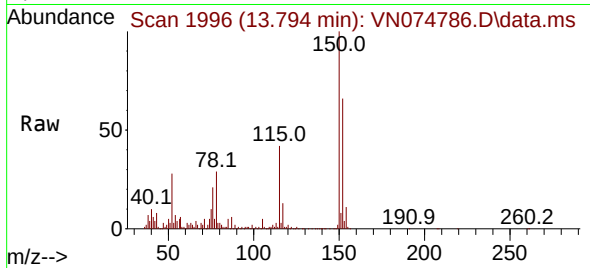


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074786.D
 Acq: 06 Oct 2022 16:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tgt Ion:152 Resp: 439129

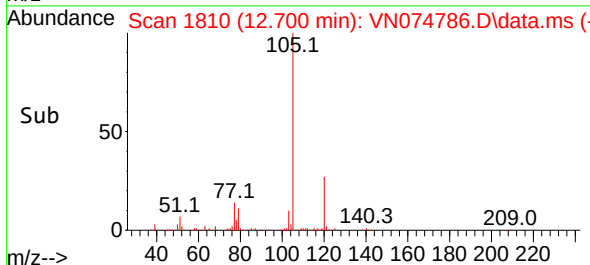
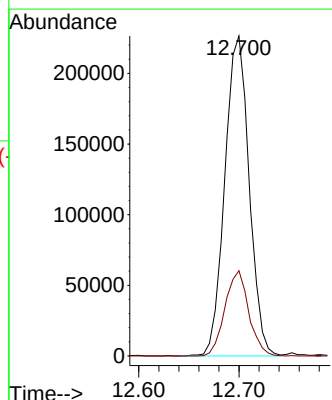
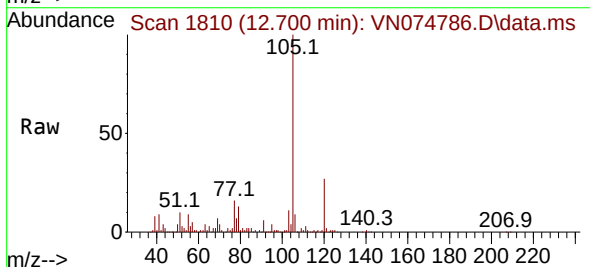
Ion	Ratio	Lower	Upper
152	100		
115	70.3	30.0	90.0
150	159.2	0.0	356.4

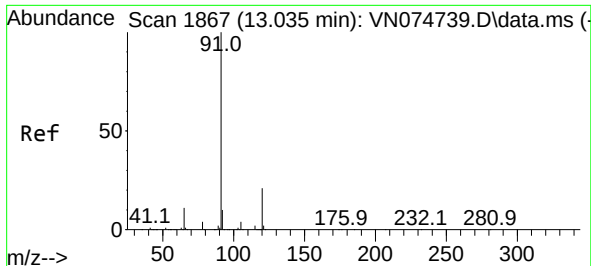


#73
 Isopropylbenzene
 Concen: 9.039 ug/l
 RT: 12.700 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VN074786.D
 Acq: 06 Oct 2022 16:16

Tgt Ion:105 Resp: 381960

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

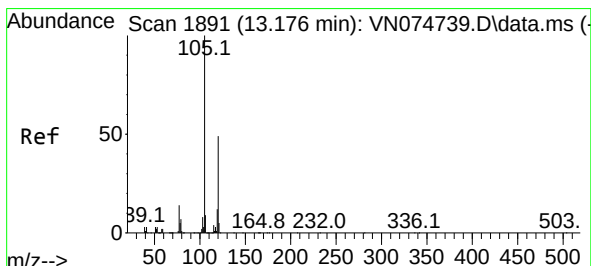
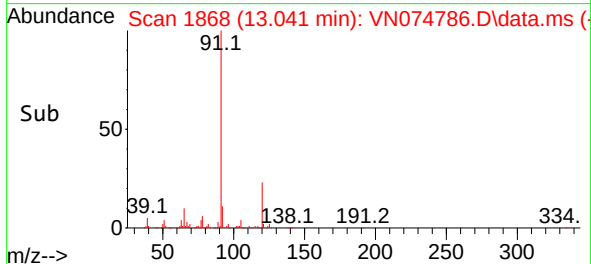
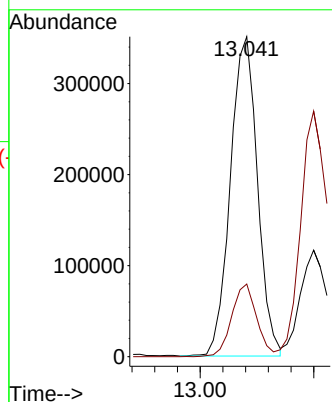
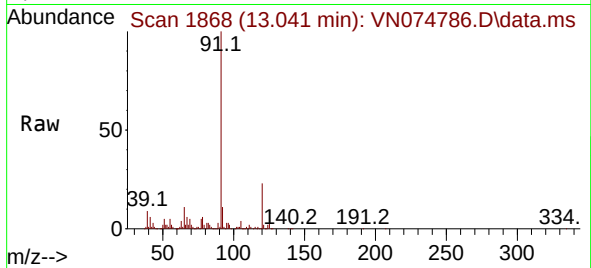




#78
n-propylbenzene
Concen: 11.925 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

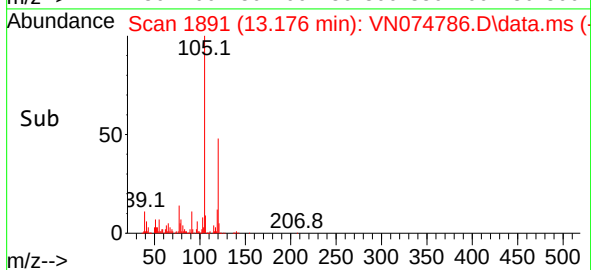
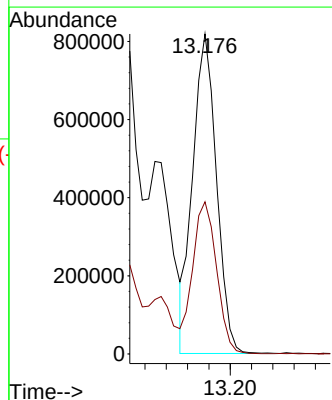
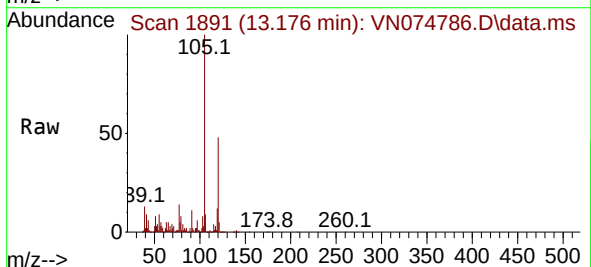
Instrument :
MSVOA_N
ClientSampleId :
MW-3

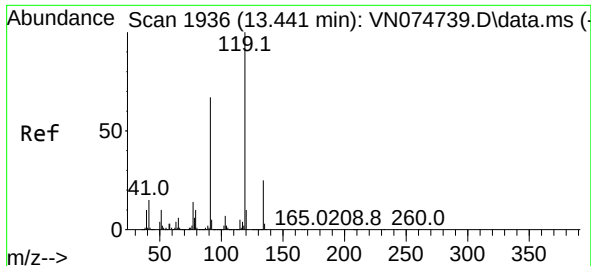
Tgt Ion: 91 Resp: 580525
Ion Ratio Lower Upper
91 100
120 20.9 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 37.528 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion:105 Resp: 1264745
Ion Ratio Lower Upper
105 100
120 48.1 24.6 73.6

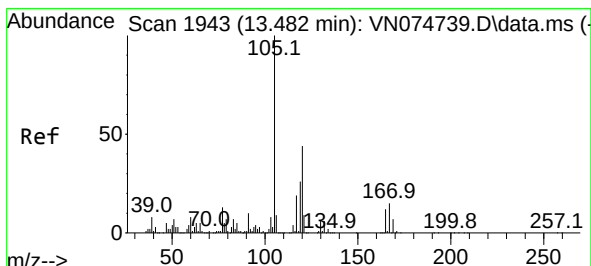
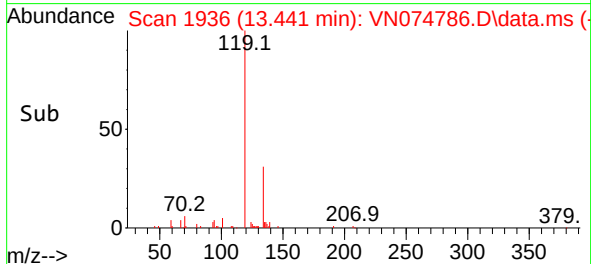
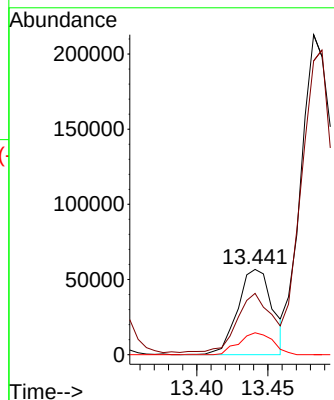
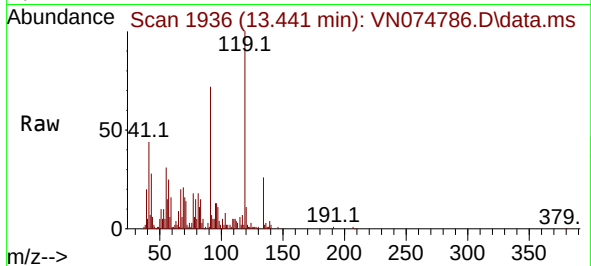




#83
 tert-Butylbenzene
 Concen: 3.303 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. -0.000 min
 Lab File: VN074786.D
 Acq: 06 Oct 2022 16:16

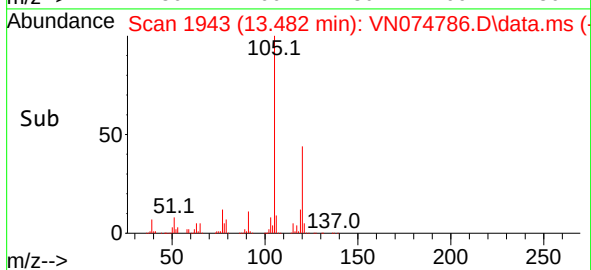
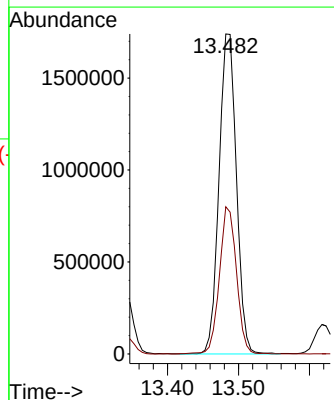
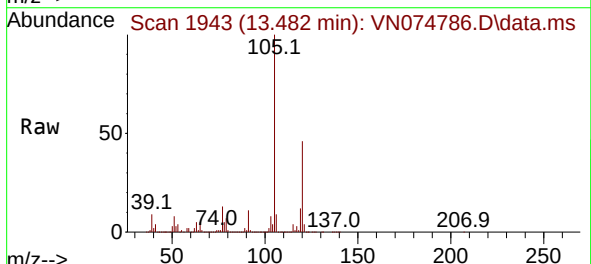
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

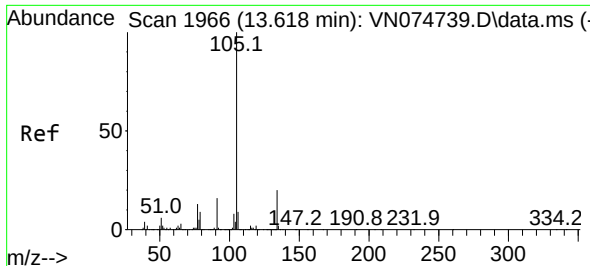
Tgt Ion:119 Resp: 96180
 Ion Ratio Lower Upper
 119 100
 91 69.5 33.0 98.9
 134 25.2 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 86.434 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: VN074786.D
 Acq: 06 Oct 2022 16:16

Tgt Ion:105 Resp: 2945409
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.7 65.1

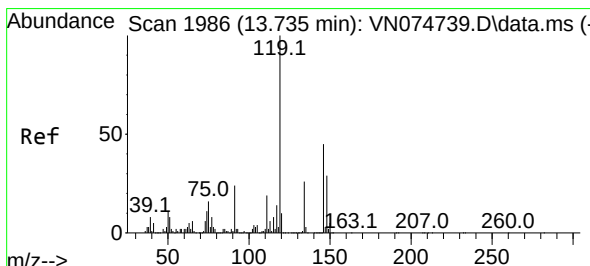
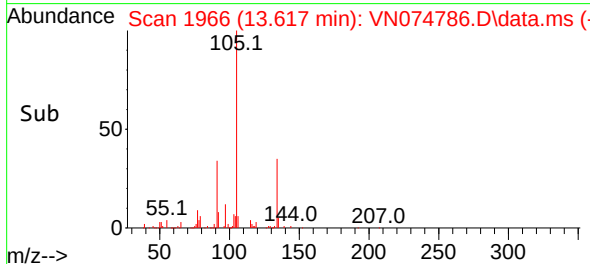
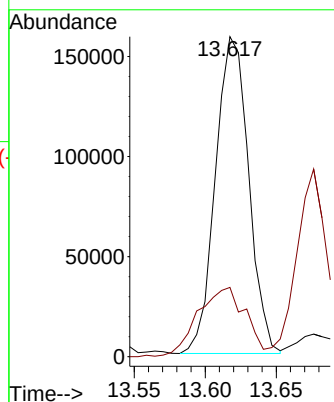
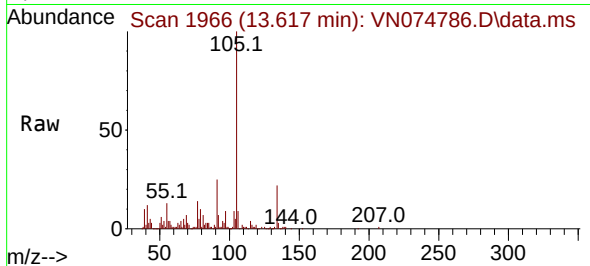




#85
 sec-Butylbenzene
 Concen: 6.090 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074786.D
 Acq: 06 Oct 2022 16:16

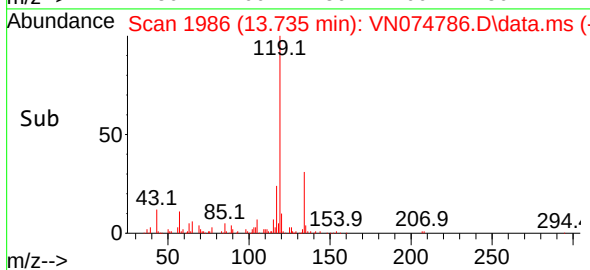
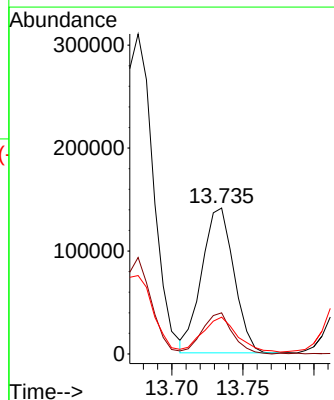
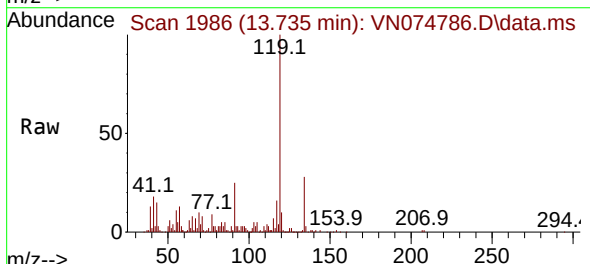
Instrument : MSVOA_N
 ClientSampleId : MW-3

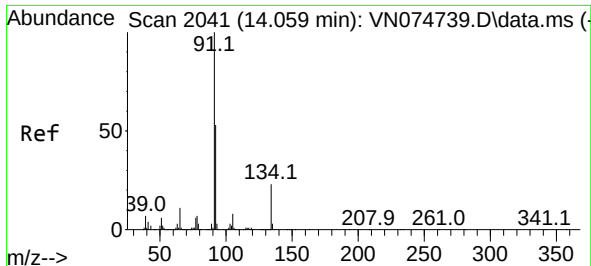
Tgt Ion:105 Resp: 257737
 Ion Ratio Lower Upper
 105 100
 134 31.3 9.4 28.2#



#86
 p-Isopropyltoluene
 Concen: 6.785 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN074786.D
 Acq: 06 Oct 2022 16:16

Tgt Ion:119 Resp: 221583
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 25.4 12.0 36.0

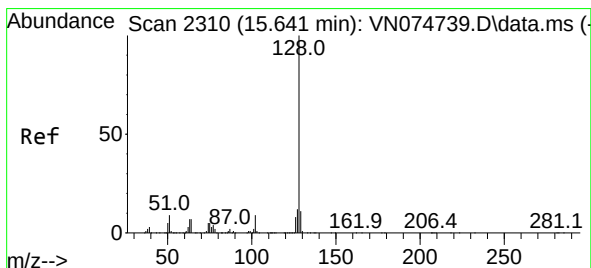
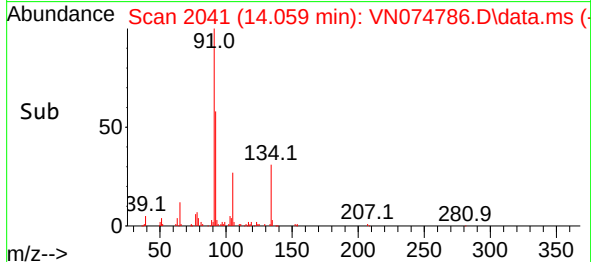
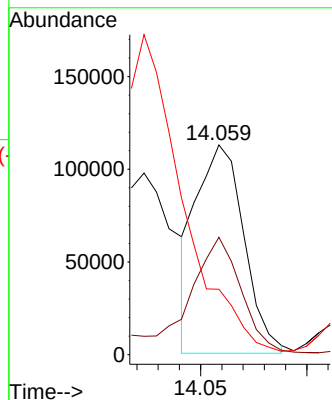
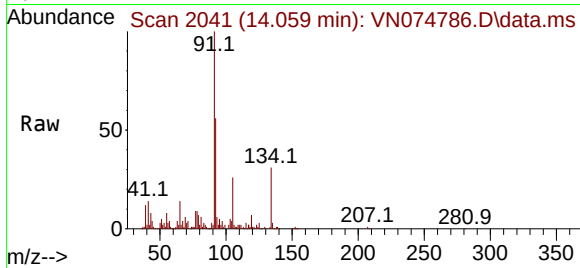




#89
n-Butylbenzene
Concen: 6.096 ug/l m
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 91 Resp: 175472
Ion Ratio Lower Upper
91 100
92 0.0 26.7 80.0#
134 0.0 11.9 35.5#



#95
Naphthalene
Concen: 17.209 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN074786.D
Acq: 06 Oct 2022 16:16

Tgt Ion:128 Resp: 525234
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 10.7 9.0 13.4

