

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075868.D
 Acq On : 19 Dec 2022 13:58
 Operator : JC\MD
 Sample : N6066-21 10X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5922

Quant Time: Dec 19 14:27:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	357247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	548832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	495870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	247655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	178806	46.007	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.020%
35) Dibromofluoromethane	8.171	113	161609	47.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	10.571	98	687478	54.099	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.200%
62) 4-Bromofluorobenzene	12.853	95	255118	60.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.220%

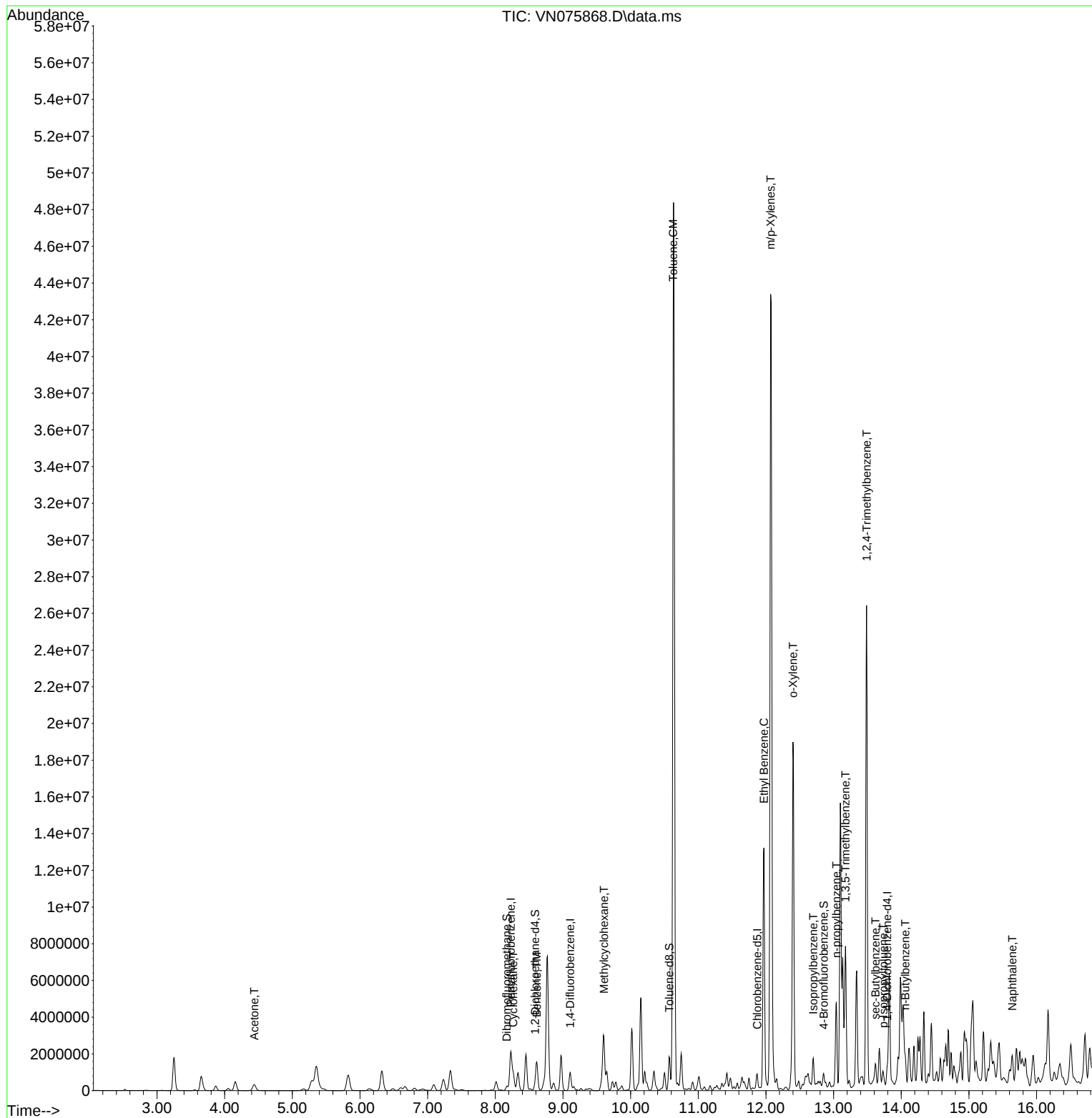
Target Compounds					Qvalue	
16) Acetone	4.436	43	286833	214.093	ug/l #	73
31) Cyclohexane	8.265	56	773883	139.033	ug/l #	95
39) Methylcyclohexane	9.606	83	1087191	199.593	ug/l	96
40) Benzene	8.612	78	1637531	117.551	ug/l	99
52) Toluene	10.629	92	19124145	2107.919	ug/l #	1
67) Ethyl Benzene	11.971	91	9479456	551.861	ug/l	99
68) m/p-Xylenes	12.071	106	13796721	2029.307	ug/l #	68
69) o-Xylene	12.400	106	5204465	773.544	ug/l	99
73) Isopropylbenzene	12.700	105	1024316	57.235	ug/l	100
78) n-propylbenzene	13.041	91	3643764	184.597	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	3246646	216.753	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	14087381	948.050	ug/l	98
85) sec-Butylbenzene	13.617	105	748105	41.042	ug/l	84
86) p-Isopropyltoluene	13.735	119	392855	25.902	ug/l	98
89) n-Butylbenzene	14.059	91	890107	72.441	ug/l #	81
95) Naphthalene	15.641	128	1145486	83.464	ug/l	97

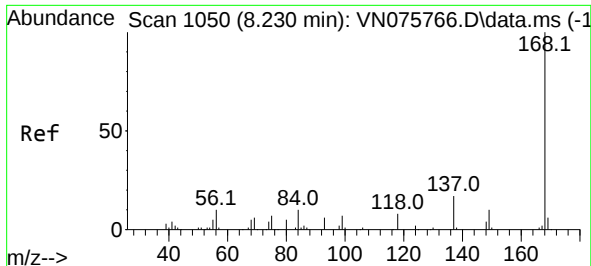
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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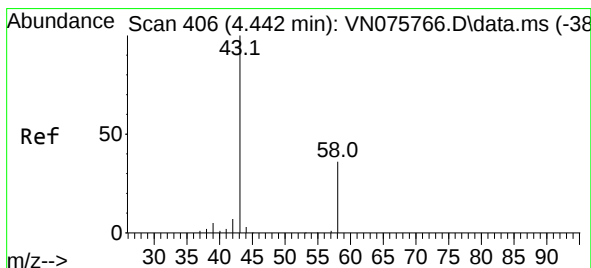
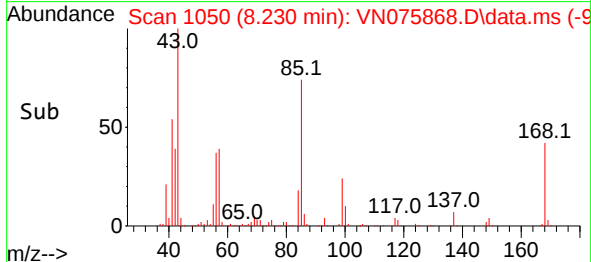
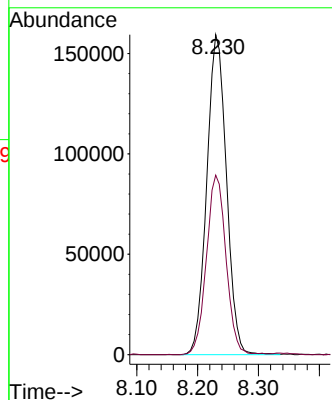
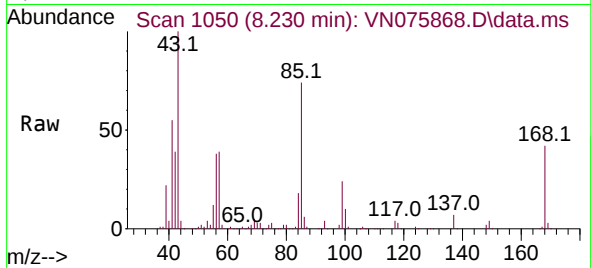




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

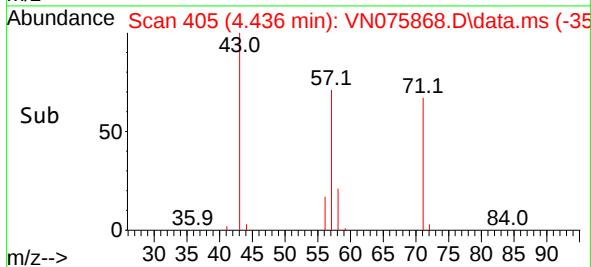
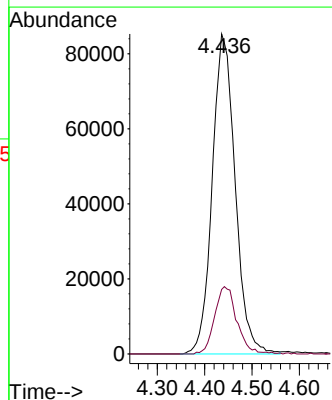
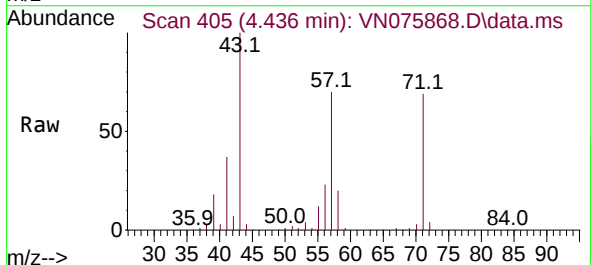
Instrument :
MSVOA_N
ClientSampleId :
5922

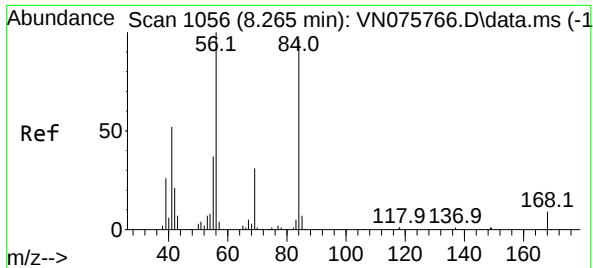
Tgt Ion:168 Resp: 357247
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#16
Acetone
Concen: 214.093 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Tgt Ion: 43 Resp: 286833
Ion Ratio Lower Upper
43 100
58 20.1 28.6 43.0#

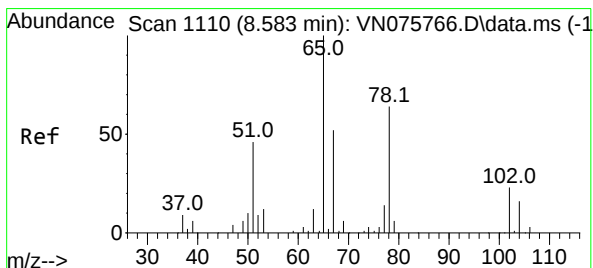
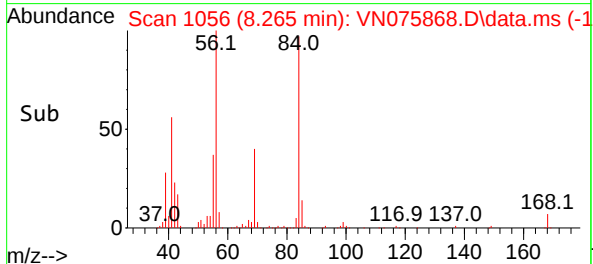
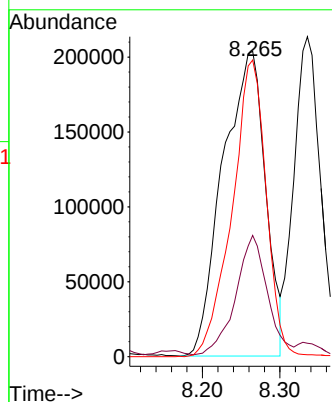
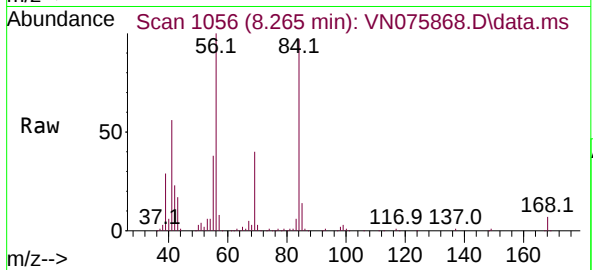




#31
Cyclohexane
Concen: 139.033 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

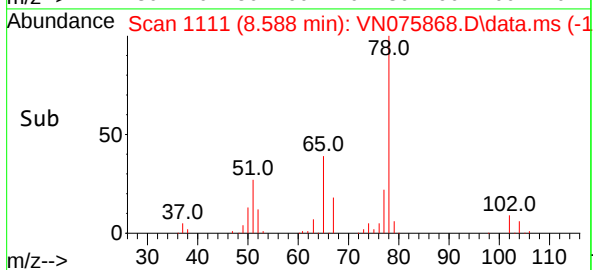
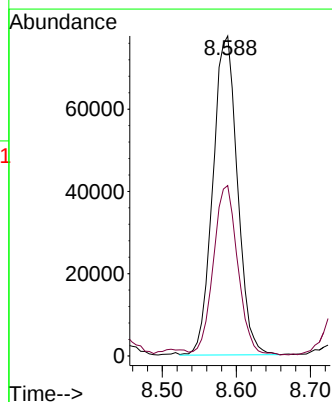
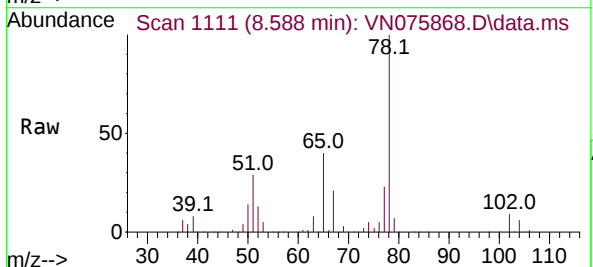
Instrument :
MSVOA_N
ClientSampleId :
5922

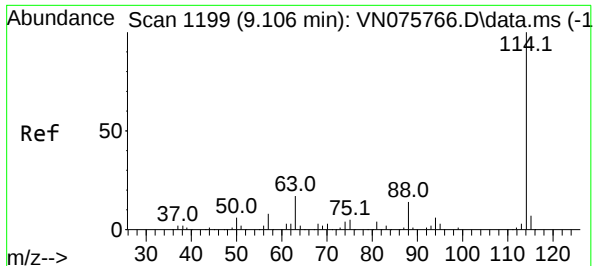
Tgt Ion: 56 Resp: 773883
Ion Ratio Lower Upper
56 100
69 38.3 24.7 37.1#
84 97.3 76.5 114.7



#33
1,2-Dichloroethane-d4
Concen: 46.007 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Tgt Ion: 65 Resp: 178806
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075868.D

Acq: 19 Dec 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

5922

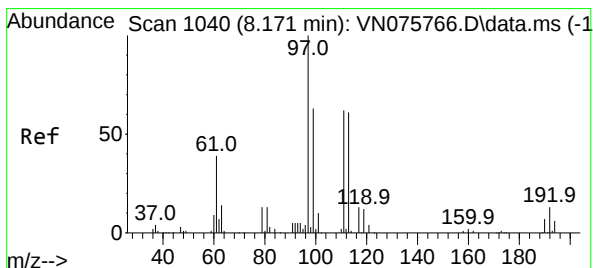
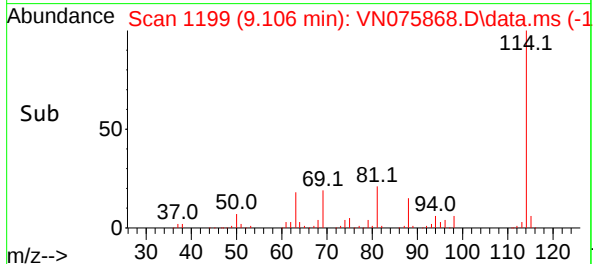
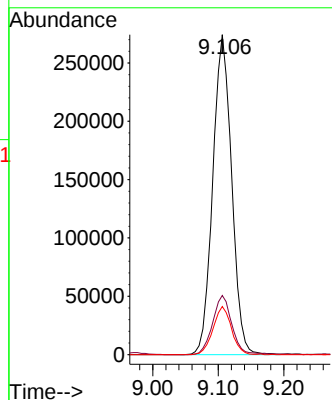
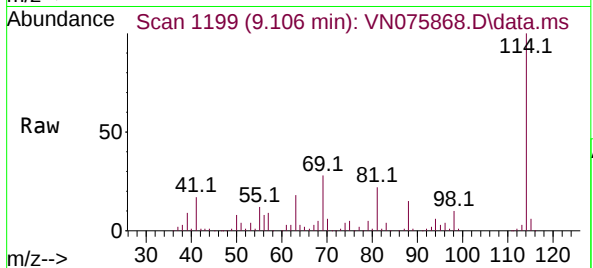
Tgt Ion:114 Resp: 548832

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.548 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075868.D

Acq: 19 Dec 2022 13:58

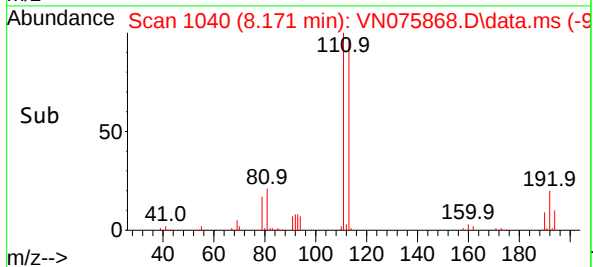
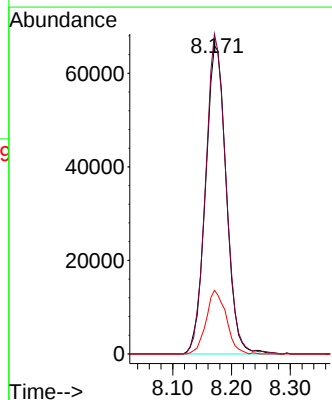
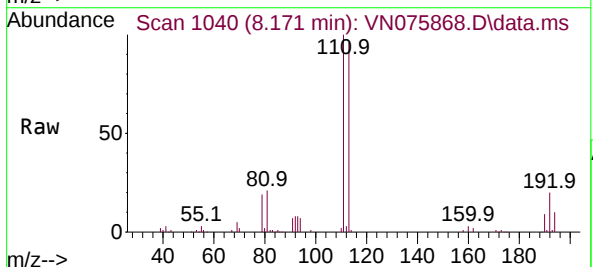
Tgt Ion:113 Resp: 161609

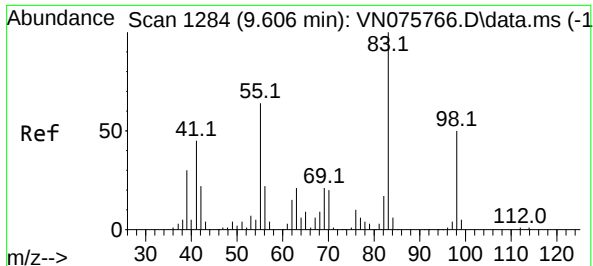
Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 19.9 16.1 24.1





#39

Methylcyclohexane

Concen: 199.593 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075868.D

Acq: 19 Dec 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

5922

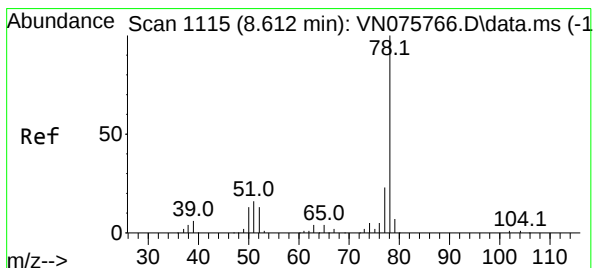
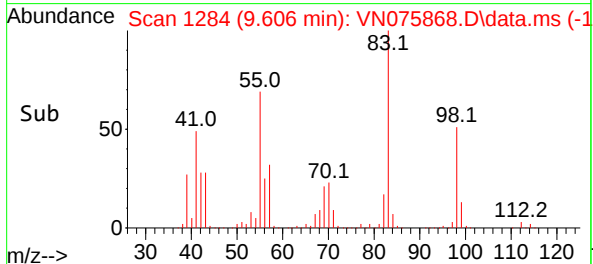
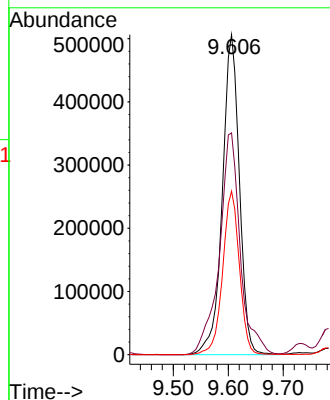
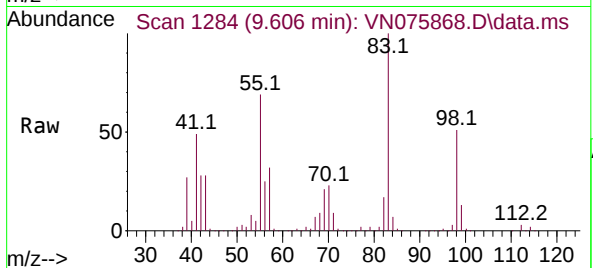
Tgt Ion: 83 Resp: 1087191

Ion Ratio Lower Upper

83 100

55 69.3 51.4 77.0

98 51.1 39.8 59.8



#40

Benzene

Concen: 117.551 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075868.D

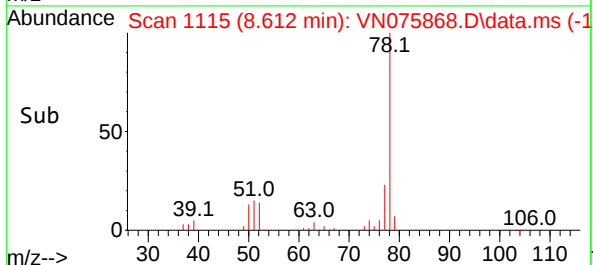
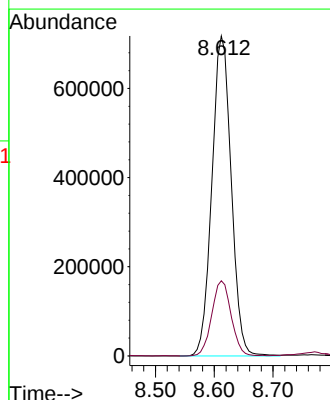
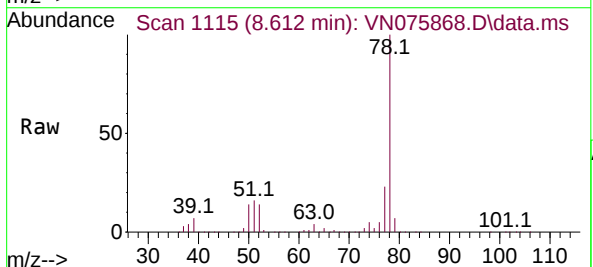
Acq: 19 Dec 2022 13:58

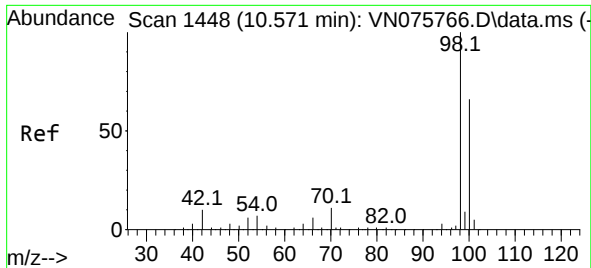
Tgt Ion: 78 Resp: 1637531

Ion Ratio Lower Upper

78 100

77 23.5 18.5 27.7

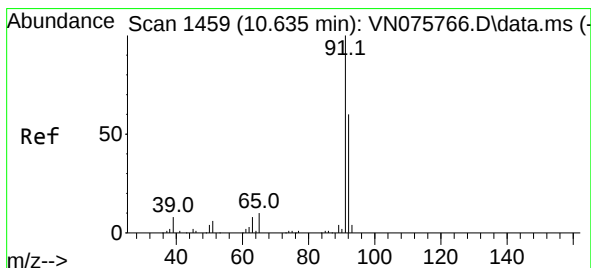
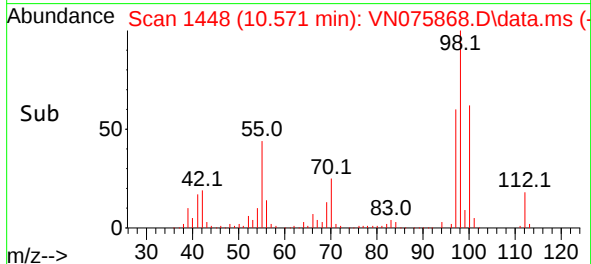
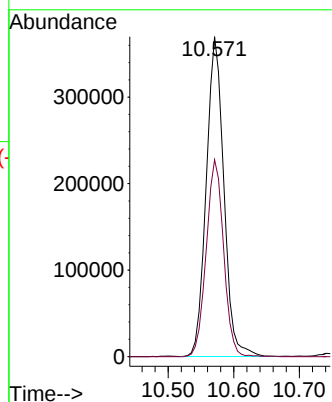
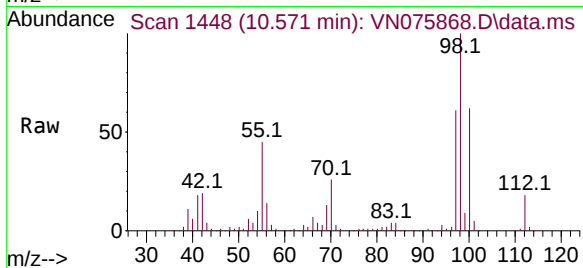




#50
Toluene-d8
Concen: 54.099 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

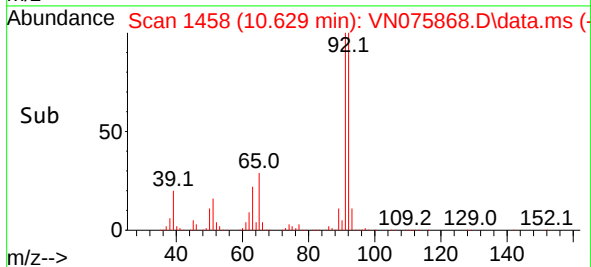
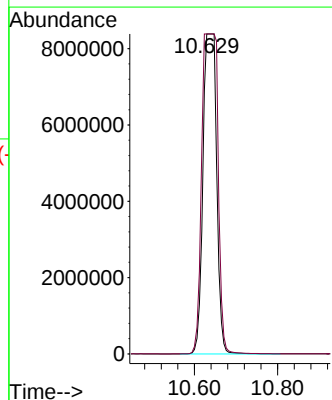
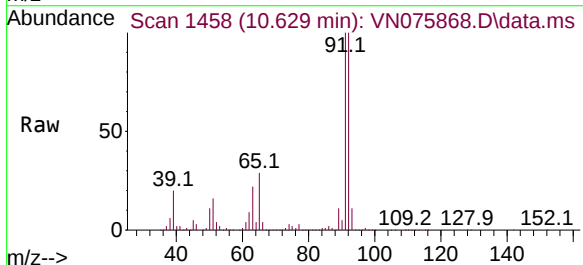
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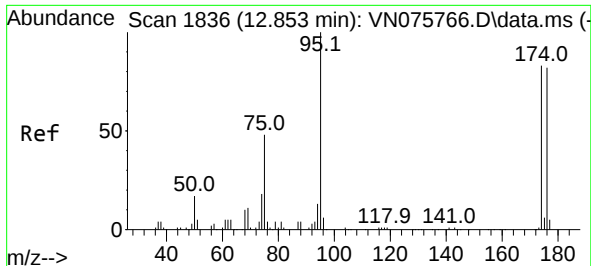
Tgt Ion: 98 Resp: 687478
Ion Ratio Lower Upper
98 100
100 60.8 52.1 78.1



#52
Toluene
Concen: 2107.919 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Tgt Ion: 92 Resp:19124145
Ion Ratio Lower Upper
92 100
91 0.0 137.3 205.9#

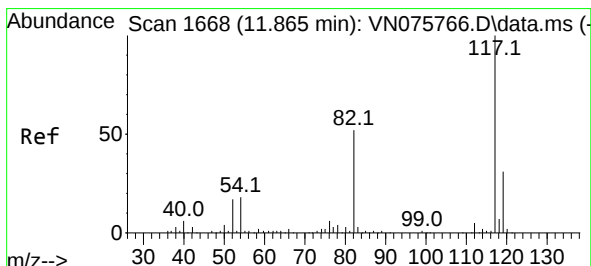
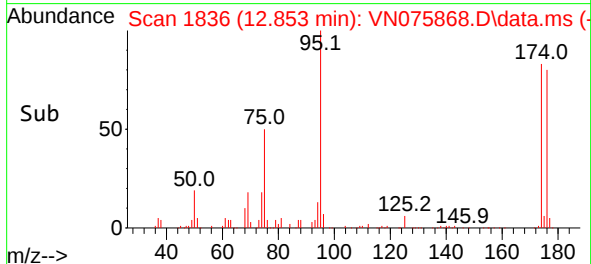
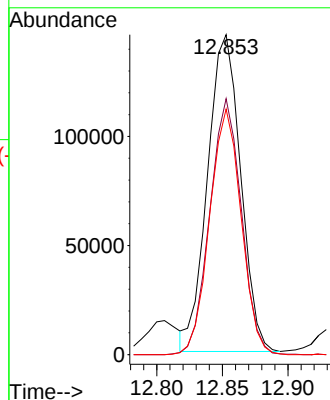
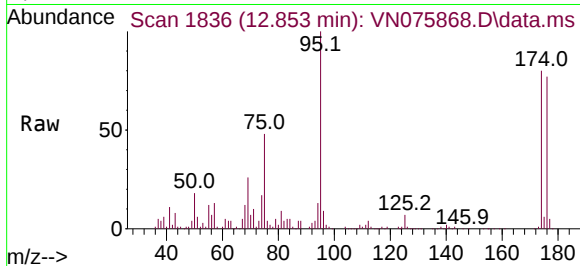




#62
4-Bromofluorobenzene
Concen: 60.613 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

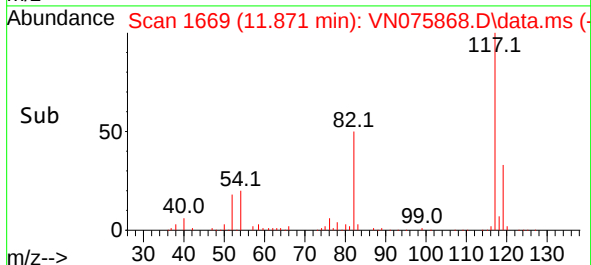
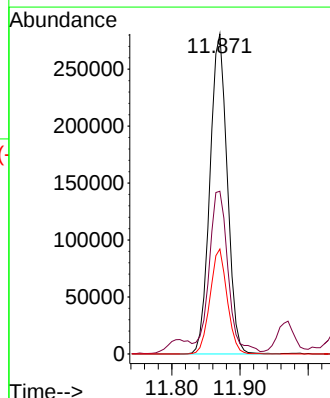
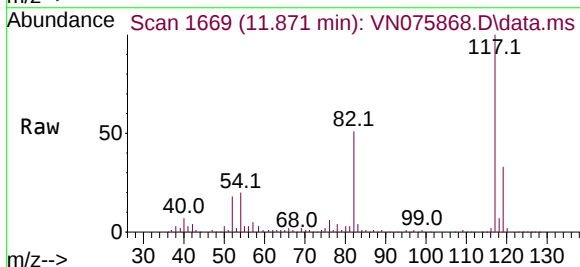
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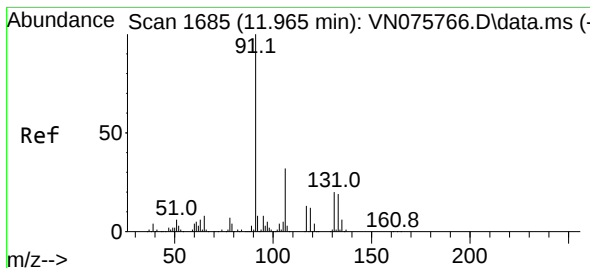
Tgt Ion: 95 Resp: 255118
Ion Ratio Lower Upper
95 100
174 76.9 0.0 171.6
176 73.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Tgt Ion: 117 Resp: 495870
Ion Ratio Lower Upper
117 100
82 46.4 41.3 61.9
119 32.8 24.6 37.0





#67

Ethyl Benzene

Concen: 551.861 ug/l

RT: 11.971 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VN075868.D

Acq: 19 Dec 2022 13:58

Instrument :

MSVOA_N

ClientSampleId :

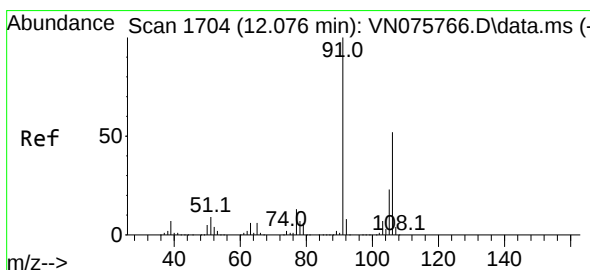
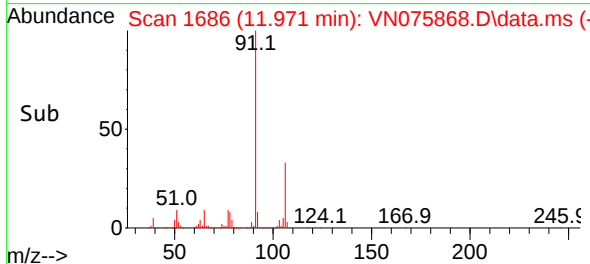
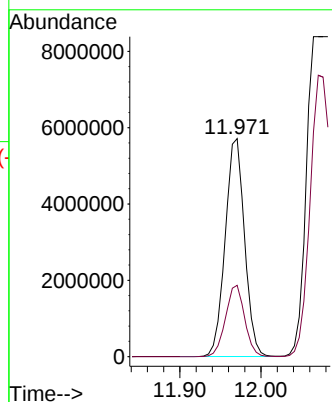
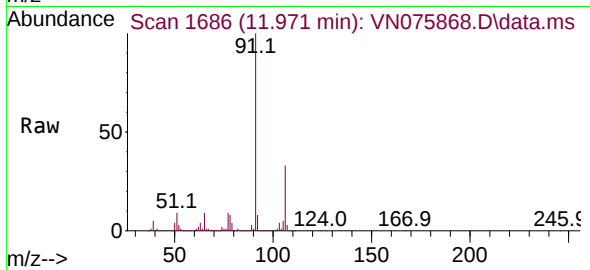
5922

Tgt Ion: 91 Resp: 9479456

Ion Ratio Lower Upper

91 100

106 32.7 25.7 38.5



#68

m/p-Xylenes

Concen: 2029.307 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VN075868.D

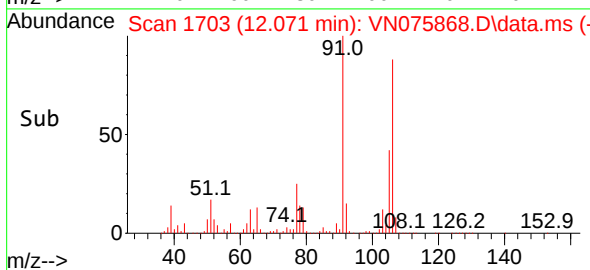
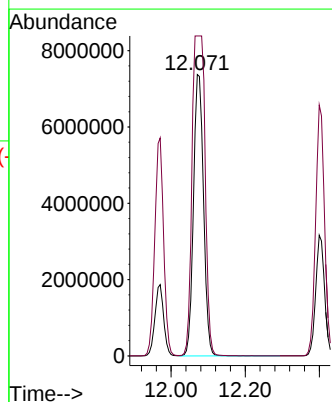
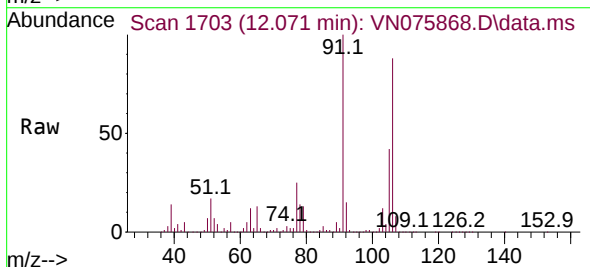
Acq: 19 Dec 2022 13:58

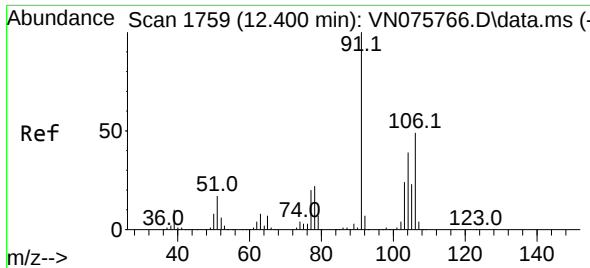
Tgt Ion: 106 Resp: 13796721

Ion Ratio Lower Upper

106 100

91 148.2 156.6 235.0#

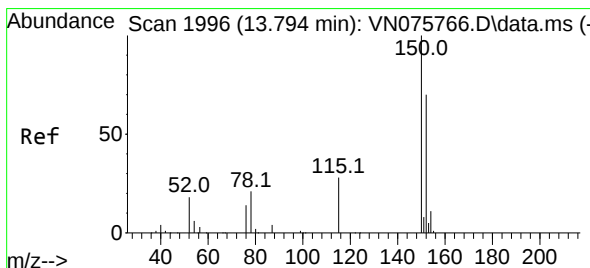
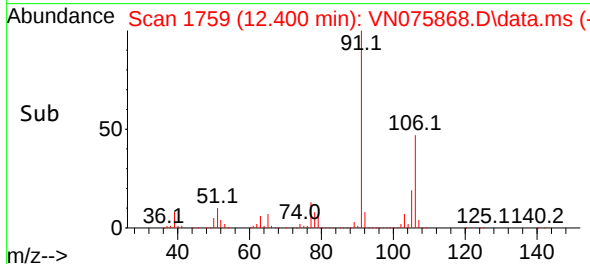
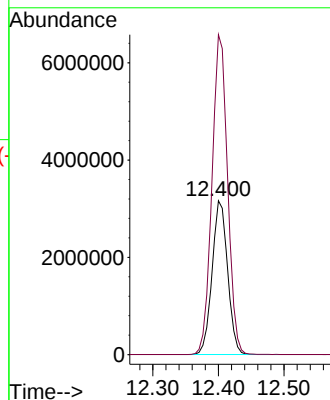
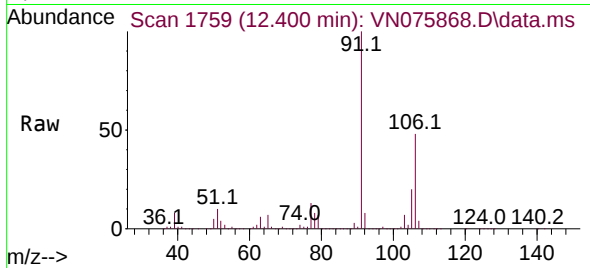




#69
o-Xylene
Concen: 773.544 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

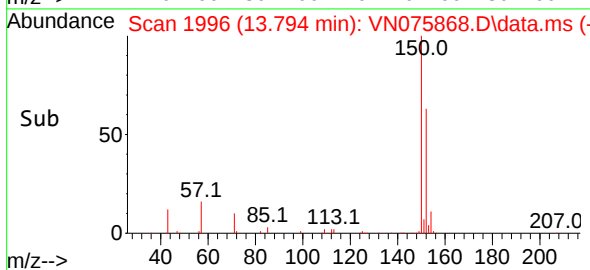
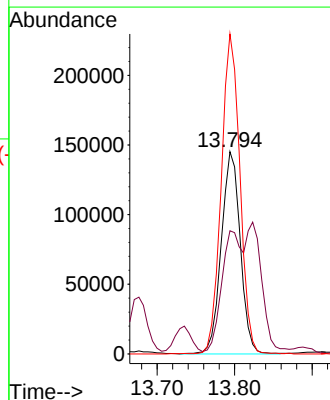
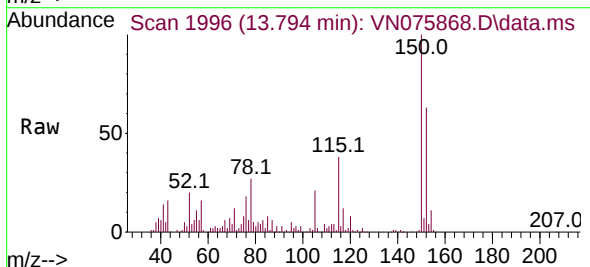
Instrument :
MSVOA_N
ClientSampleId :
5922

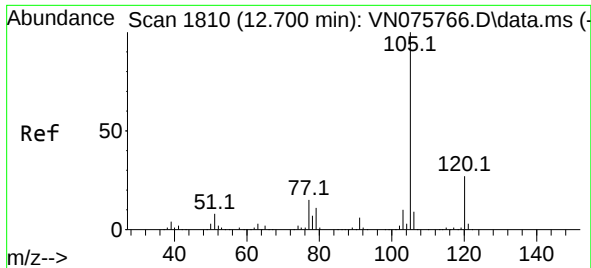
Tgt Ion:106 Resp: 5204465
Ion Ratio Lower Upper
106 100
91 209.4 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Tgt Ion:152 Resp: 247655
Ion Ratio Lower Upper
152 100
115 65.9 29.1 87.4
150 155.2 0.0 347.0

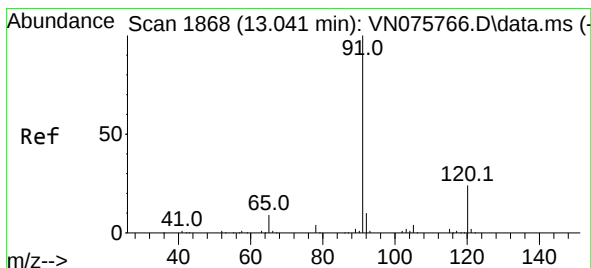
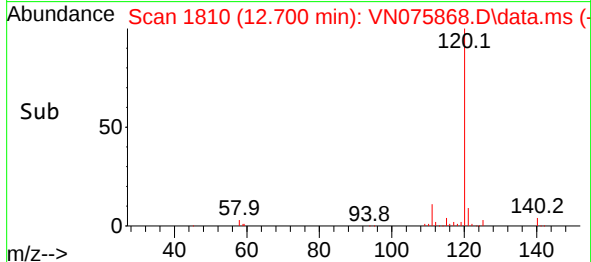
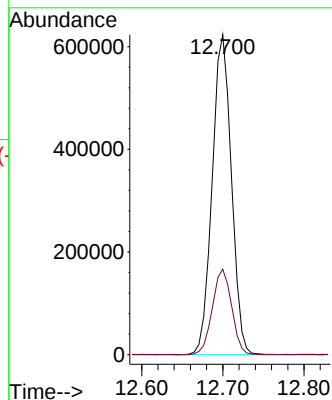
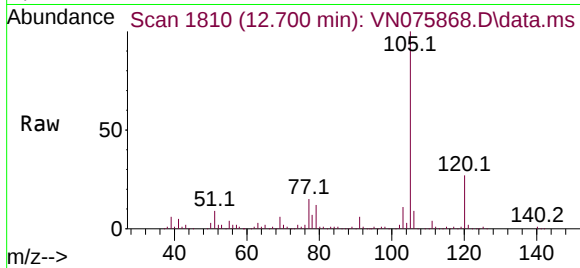




#73
Isopropylbenzene
Concen: 57.235 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

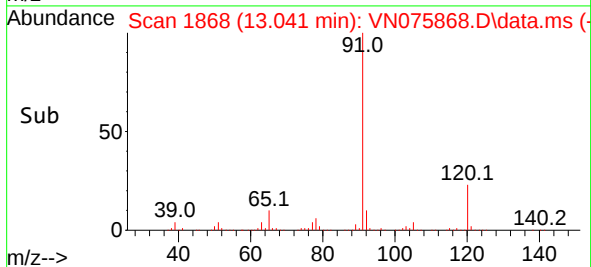
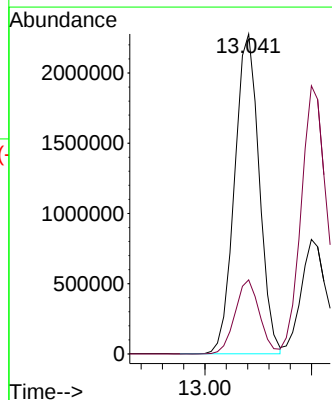
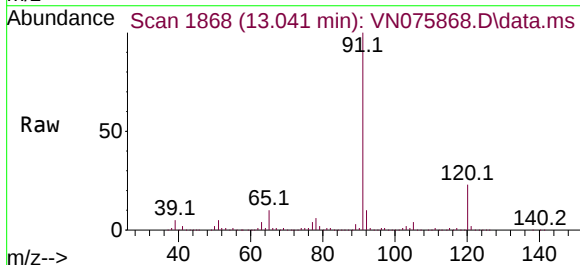
Instrument :
MSVOA_N
ClientSampleId :
5922

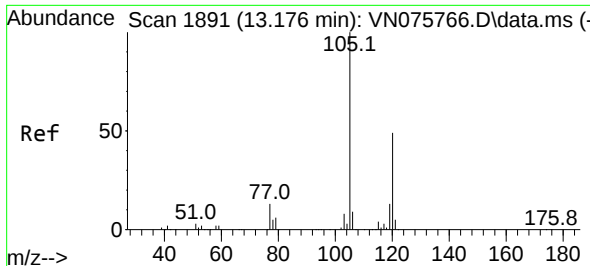
Tgt Ion:105 Resp: 1024316
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#78
n-propylbenzene
Concen: 184.597 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Tgt Ion: 91 Resp: 3643764
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.1

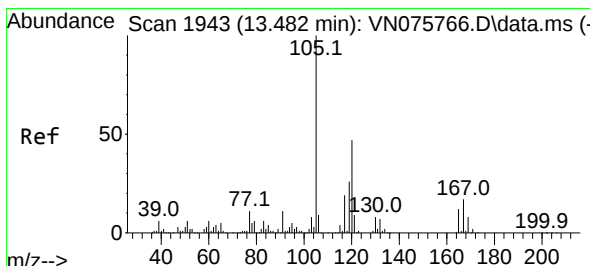
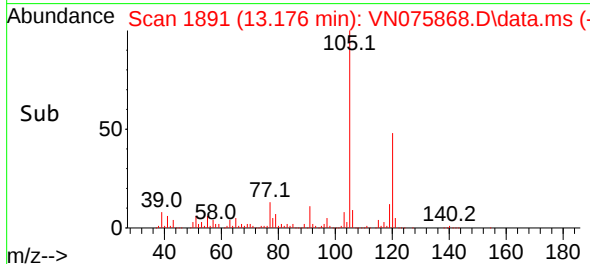
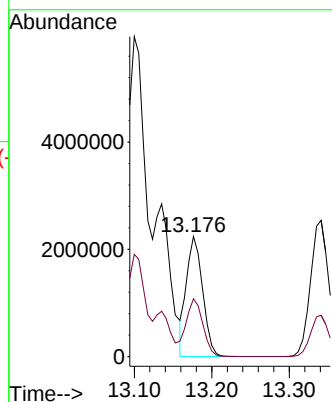
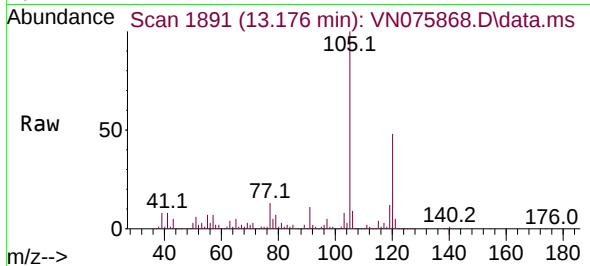




#80
 1,3,5-Trimethylbenzene
 Concen: 216.753 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN075868.D
 Acq: 19 Dec 2022 13:58

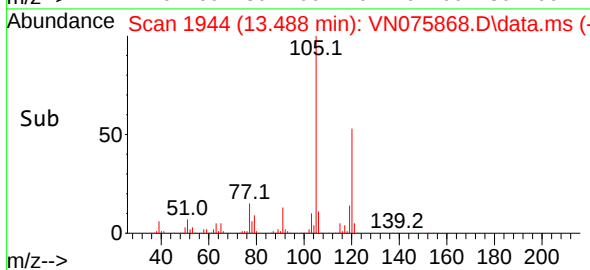
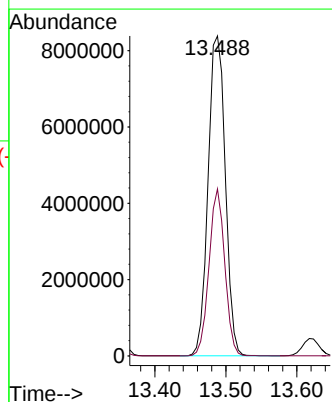
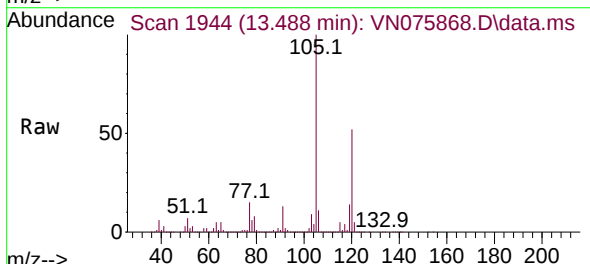
Instrument : MSVOA_N
 ClientSampleId : 5922

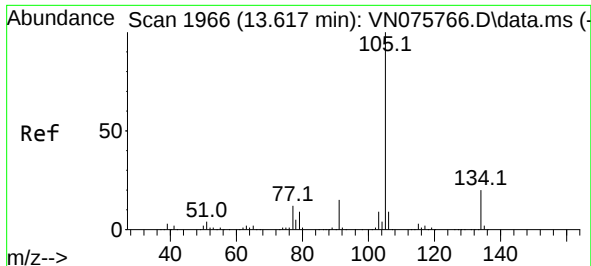
Tgt Ion:105 Resp: 3246646
 Ion Ratio Lower Upper
 105 100
 120 51.5 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 948.050 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075868.D
 Acq: 19 Dec 2022 13:58

Tgt Ion:105 Resp:14087381
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.3 69.8

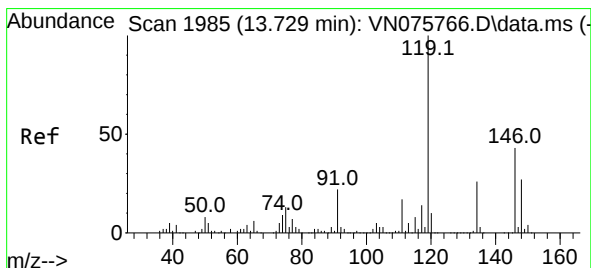
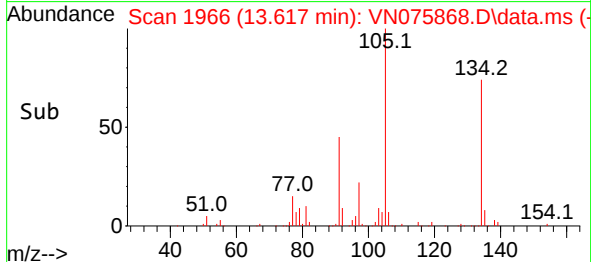
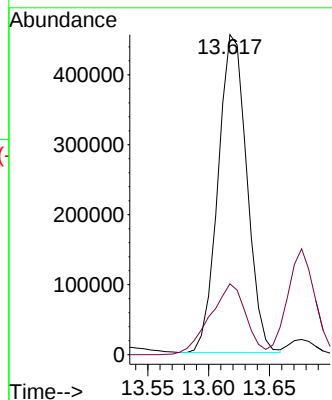
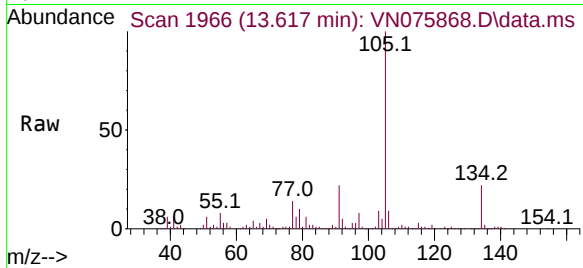




#85
 sec-Butylbenzene
 Concen: 41.042 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075868.D
 Acq: 19 Dec 2022 13:58

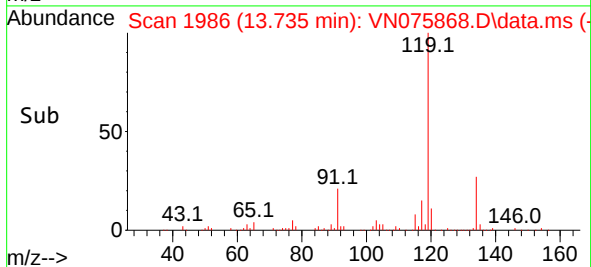
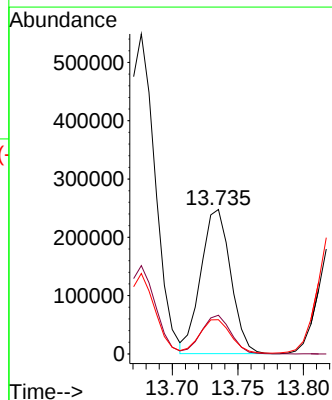
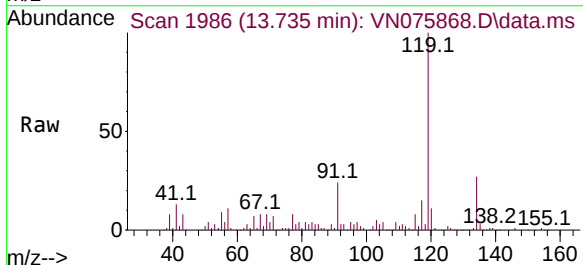
Instrument :
 MSVOA_N
 ClientSampleId :
 5922

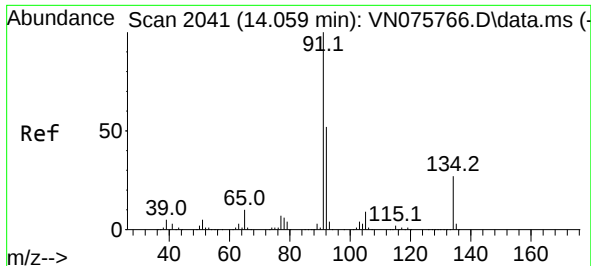
Tgt Ion:105 Resp: 748105
 Ion Ratio Lower Upper
 105 100
 134 27.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 25.902 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075868.D
 Acq: 19 Dec 2022 13:58

Tgt Ion:119 Resp: 392855
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 23.8 11.2 33.6

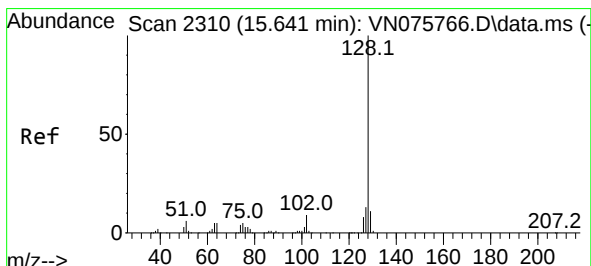
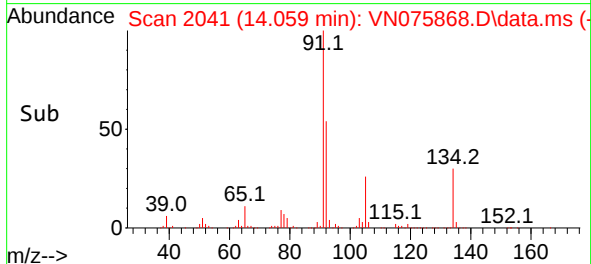
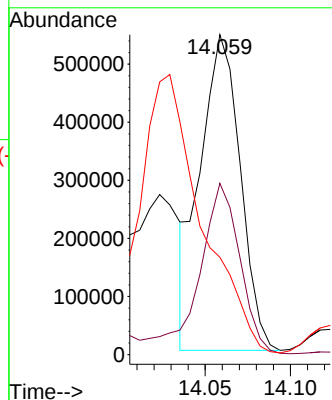
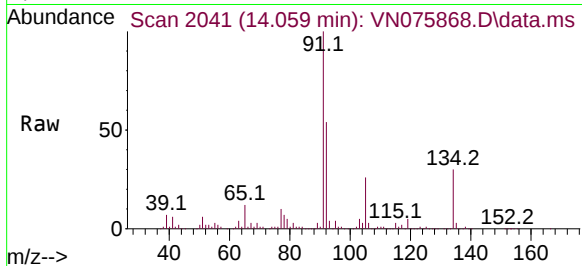




#89
n-Butylbenzene
Concen: 72.441 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Instrument :
MSVOA_N
ClientSampleId :
5922

Tgt Ion: 91 Resp: 890107
Ion Ratio Lower Upper
91 100
92 54.0 26.4 79.2
134 0.0 13.4 40.2#



#95
Naphthalene
Concen: 83.464 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075868.D
Acq: 19 Dec 2022 13:58

Tgt Ion: 128 Resp: 1145486
Ion Ratio Lower Upper
128 100
127 13.8 10.4 15.6
129 12.6 8.7 13.1

