

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077473.D
 Acq On : 25 Apr 2023 16:44
 Operator : JC\MD
 Sample : 02460-07 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Apr 26 04:20:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

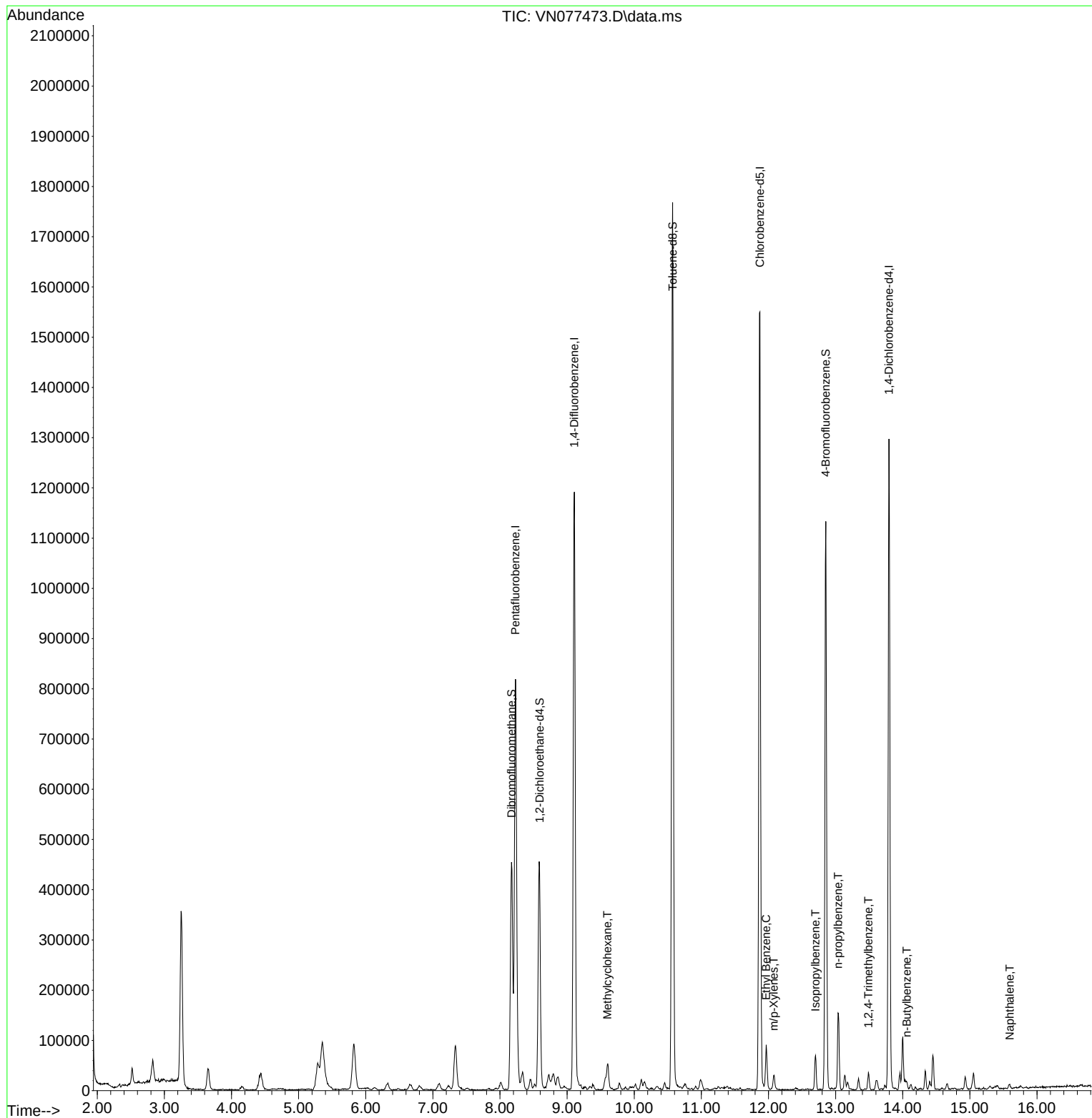
Internal Standards						
1) Pentafluorobenzene	8.230	168	570666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1075040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	950714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	339530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	372414	50.012	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	100.020%	
35) Dibromofluoromethane	8.172	113	326282	50.497	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.000%	
50) Toluene-d8	10.571	98	1295158	52.300	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	104.600%	
62) 4-Bromofluorobenzene	12.854	95	407760	50.327	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	100.660%	
Target Compounds						Qvalue
39) Methylcyclohexane	9.601	83	24471	1.990	ug/l	97
67) Ethyl Benzene	11.966	91	59060	1.668	ug/l	96
68) m/p-Xylenes	12.077	106	8458	0.614	ug/l	79
73) Isopropylbenzene	12.701	105	47593	1.511	ug/l	99
78) n-propylbenzene	13.036	91	132841	3.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.489	105	19797	0.906	ug/l	93
89) n-Butylbenzene	14.059	91	8885	0.478	ug/l #	76
95) Naphthalene	15.595	128	8447	2.061	ug/l	98

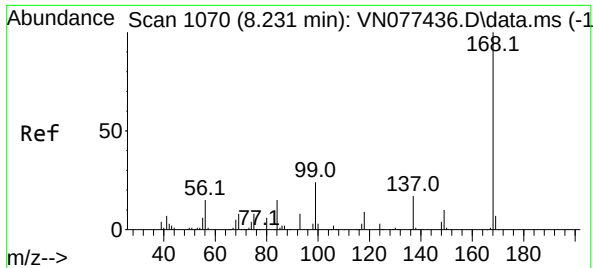
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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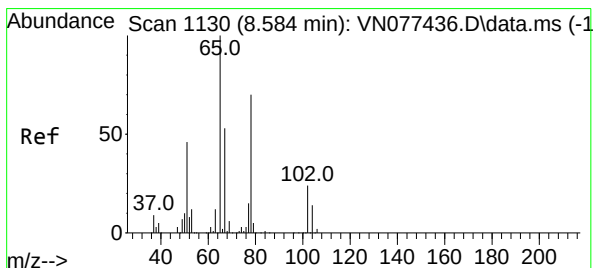
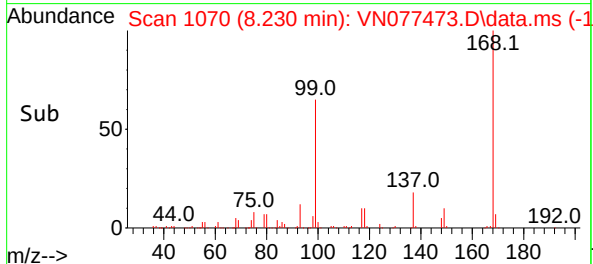
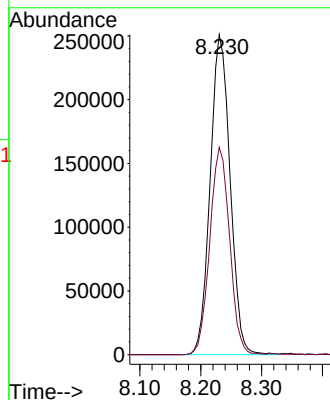
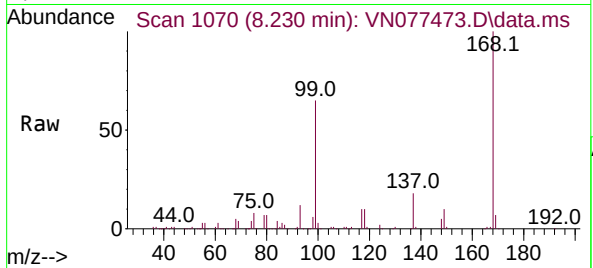




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

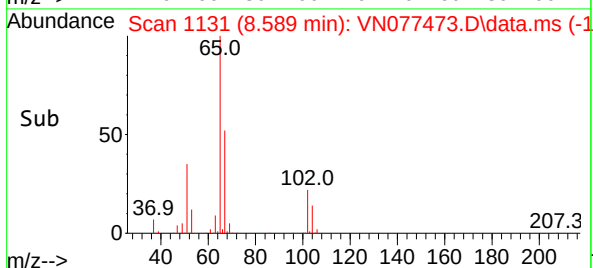
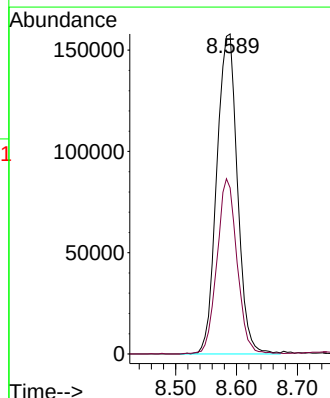
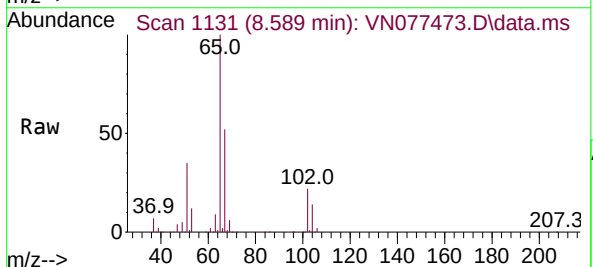
Instrument :
MSVOA_N
ClientSampleId :
MW-6

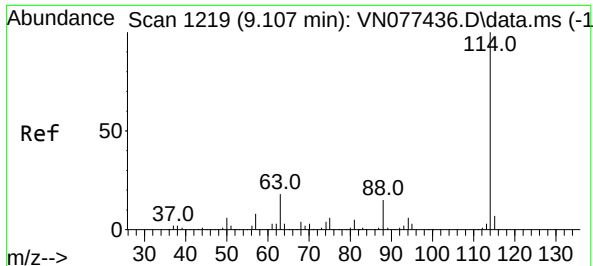
Tgt Ion:168 Resp: 570666
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.012 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

Tgt Ion: 65 Resp: 372414
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077473.D

Acq: 25 Apr 2023 16:44

Instrument :

MSVOA_N

ClientSampleId :

MW-6

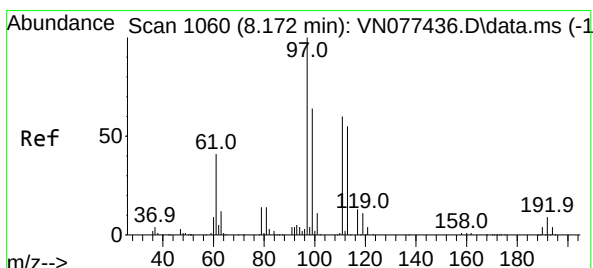
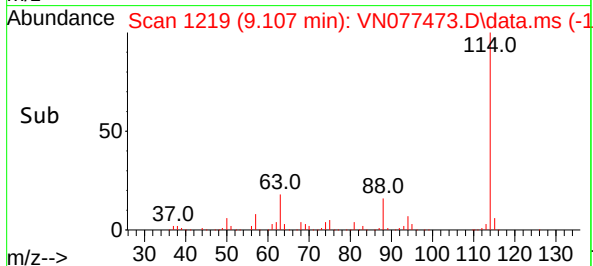
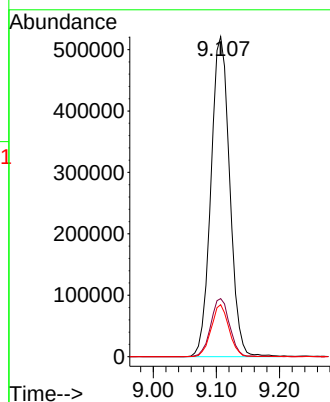
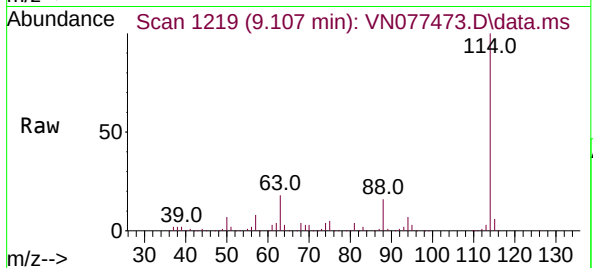
Tgt Ion:114 Resp: 1075040

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.4

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.497 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077473.D

Acq: 25 Apr 2023 16:44

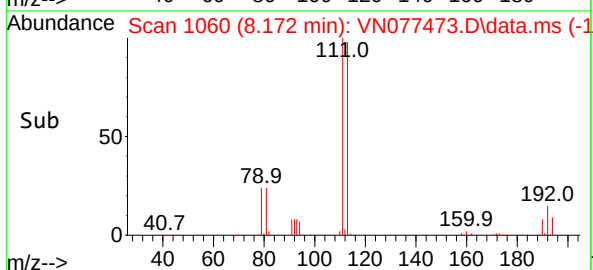
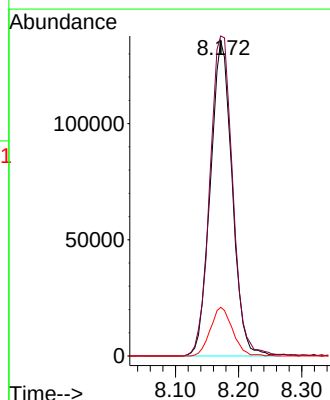
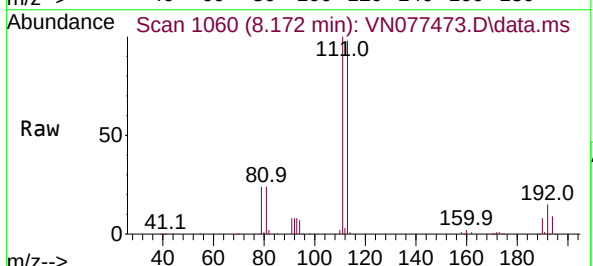
Tgt Ion:113 Resp: 326282

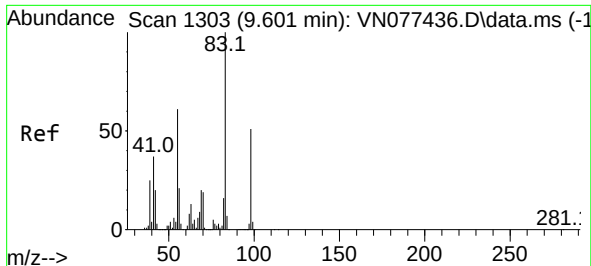
Ion Ratio Lower Upper

113 100

111 106.1 82.6 123.8

192 15.6 12.7 19.1





#39

Methylcyclohexane

Concen: 1.990 ug/l

RT: 9.601 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077473.D

Acq: 25 Apr 2023 16:44

Instrument :

MSVOA_N

ClientSampleId :

MW-6

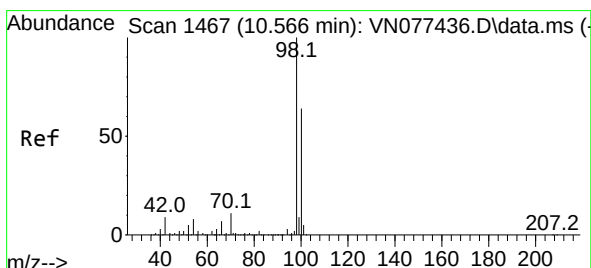
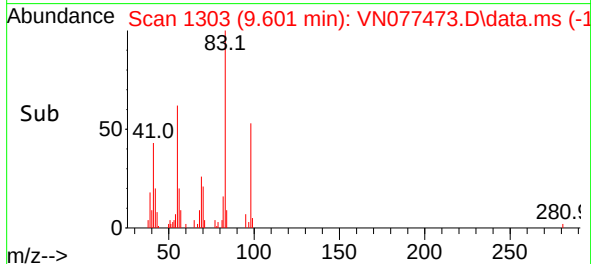
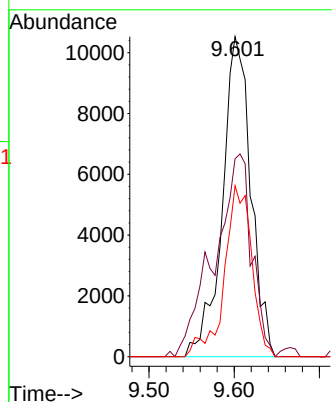
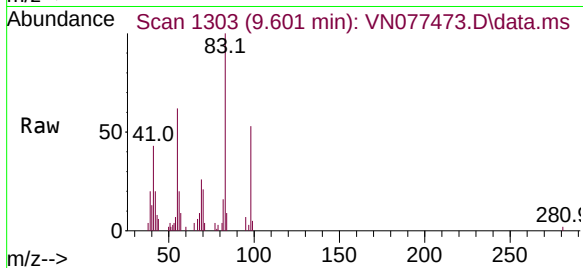
Tgt Ion: 83 Resp: 24471

Ion Ratio Lower Upper

83 100

55 60.2 49.1 73.7

98 53.4 40.6 61.0



#50

Toluene-d8

Concen: 52.300 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077473.D

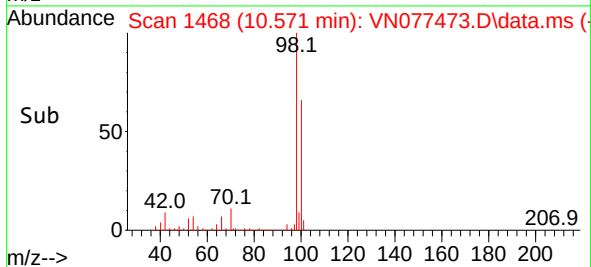
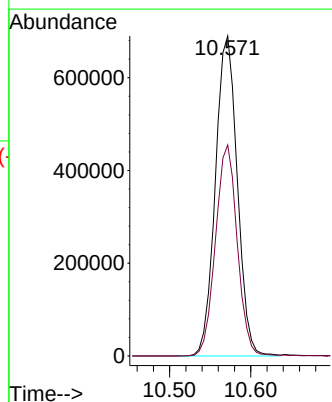
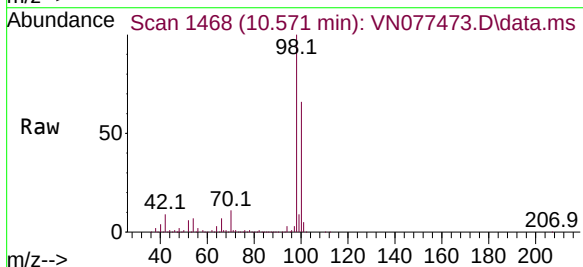
Acq: 25 Apr 2023 16:44

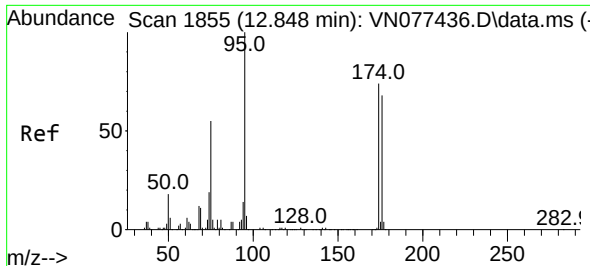
Tgt Ion: 98 Resp: 1295158

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

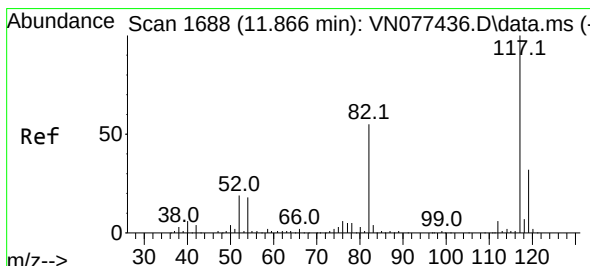
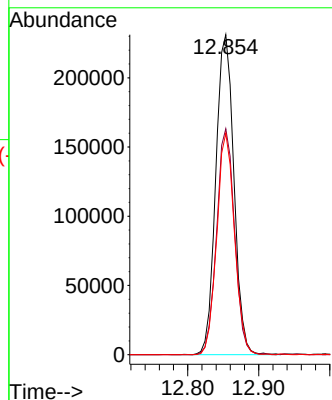
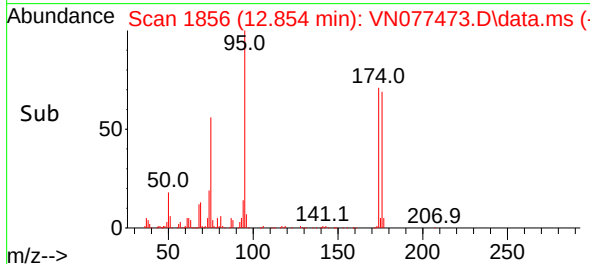
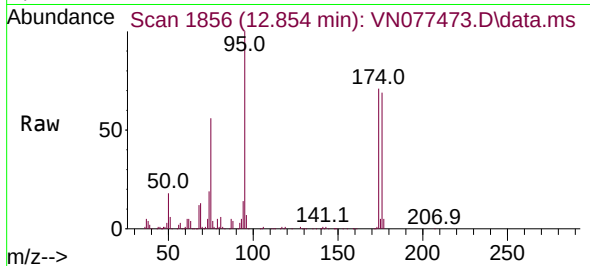




#62
4-Bromofluorobenzene
Concen: 50.327 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

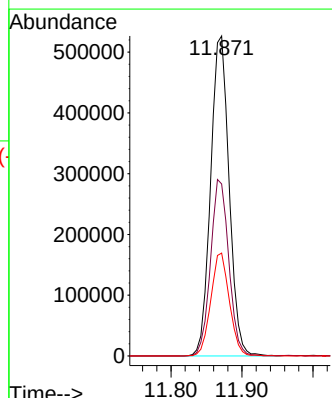
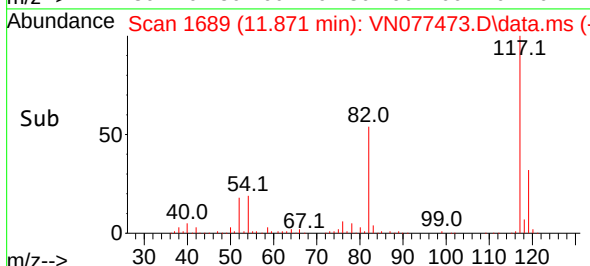
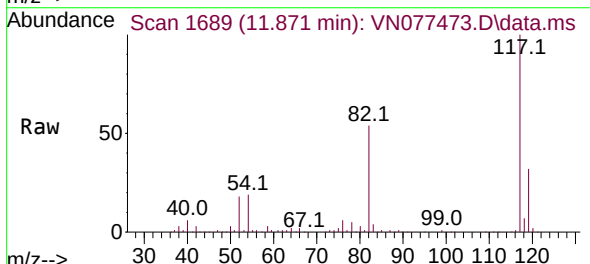
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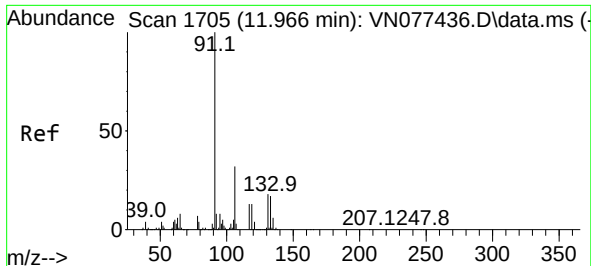
Tgt Ion: 95 Resp: 407760
Ion Ratio Lower Upper
95 100
174 70.0 0.0 143.8
176 67.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

Tgt Ion: 117 Resp: 950714
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 32.2 25.6 38.4

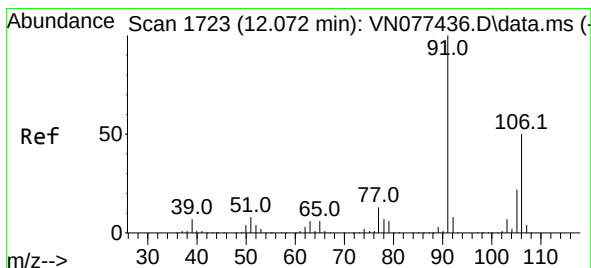
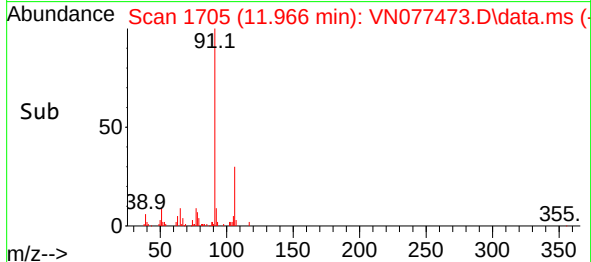
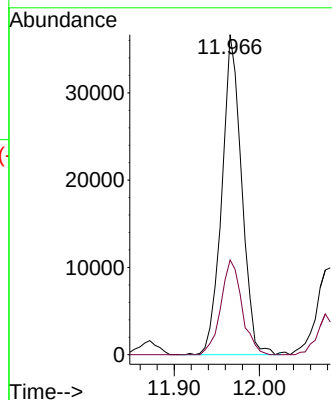
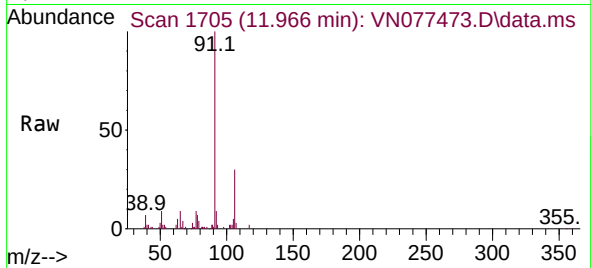




#67
Ethyl Benzene
Concen: 1.668 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

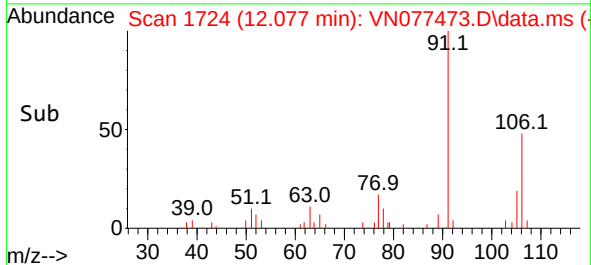
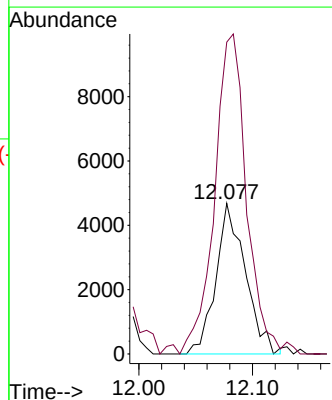
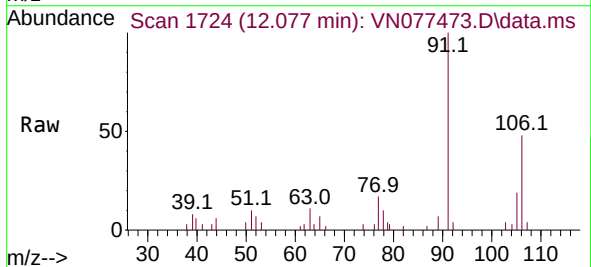
Instrument :
MSVOA_N
ClientSampleId :
MW-6

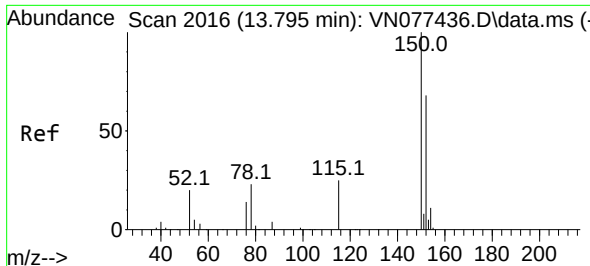
Tgt Ion: 91 Resp: 59060
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4



#68
m/p-Xylenes
Concen: 0.614 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

Tgt Ion:106 Resp: 8458
Ion Ratio Lower Upper
106 100
91 231.9 159.6 239.4

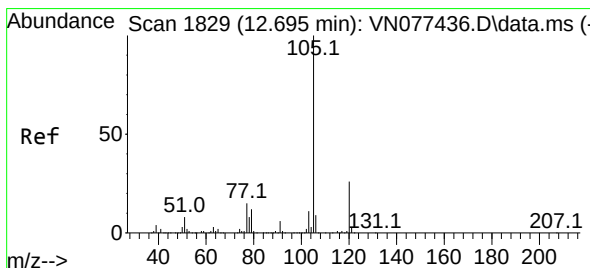
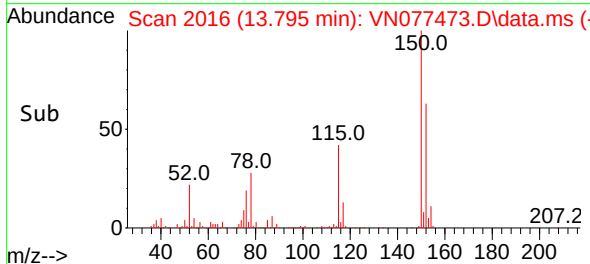
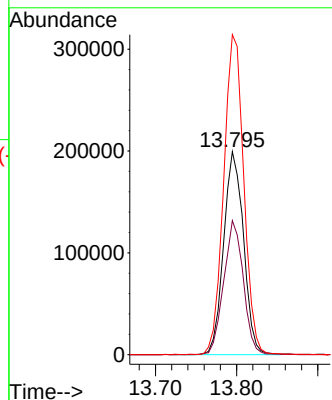
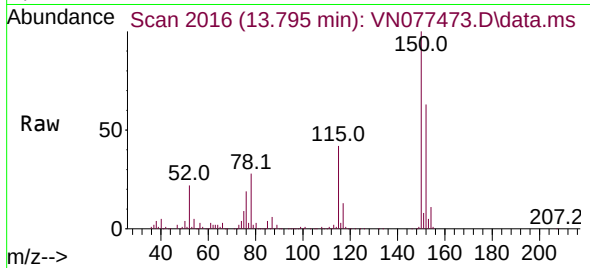




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

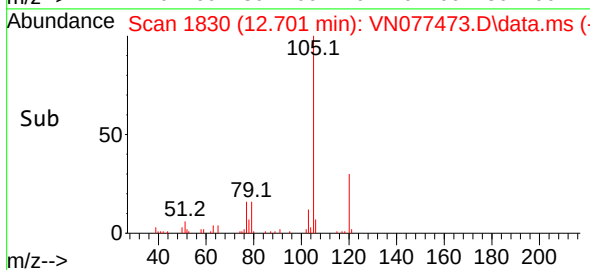
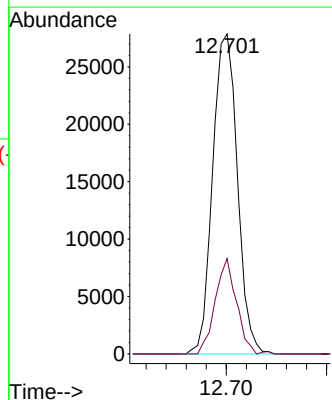
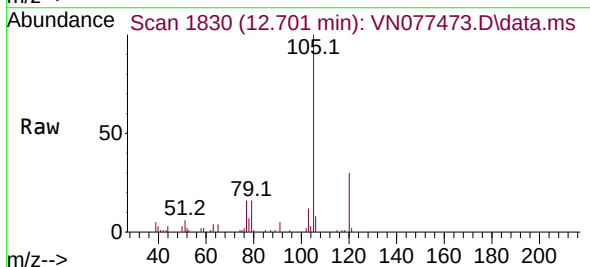
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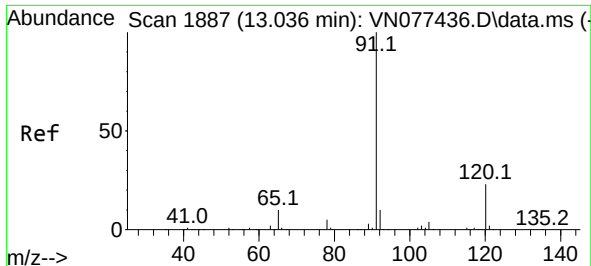
Tgt Ion:152 Resp: 339530
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 159.5 0.0 355.8



#73
Isopropylbenzene
Concen: 1.511 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

Tgt Ion:105 Resp: 47593
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

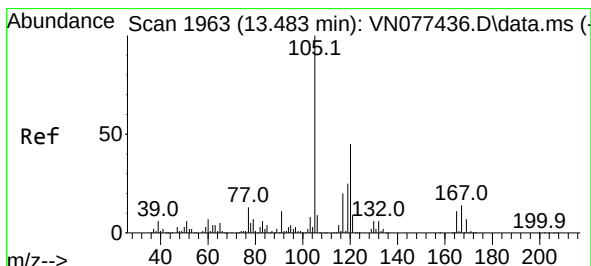
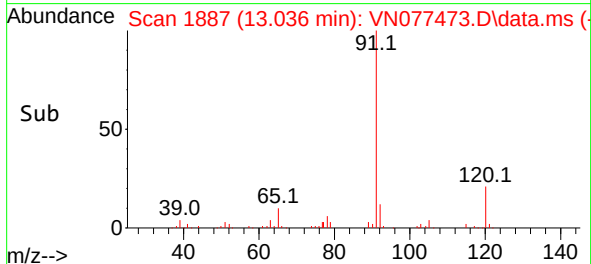
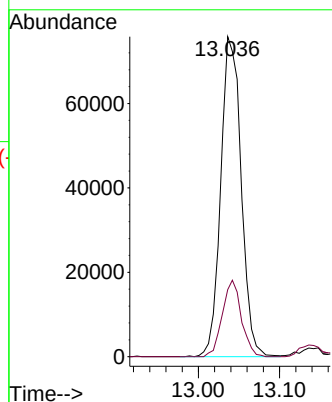
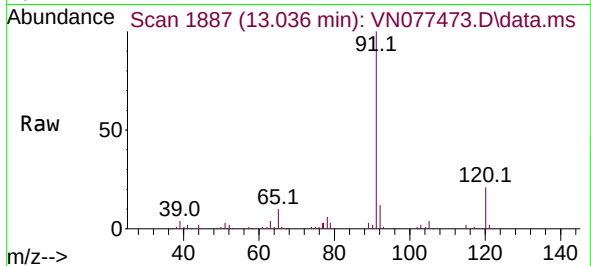




#78
n-propylbenzene
Concen: 3.813 ug/l
RT: 13.036 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

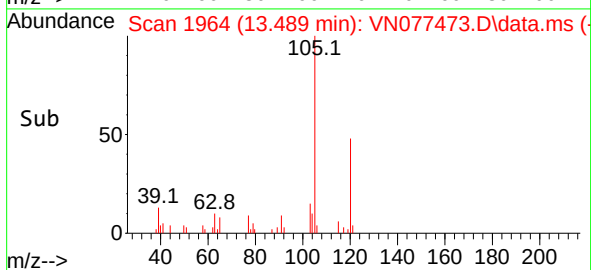
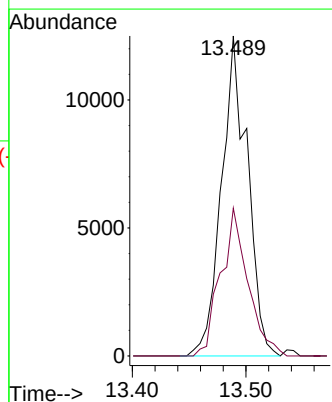
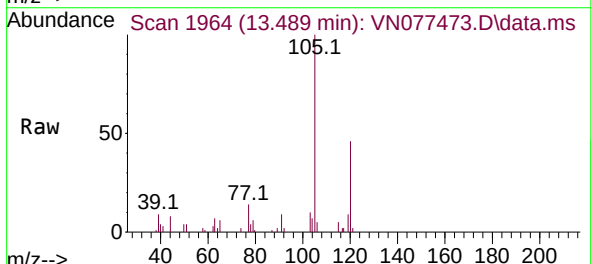
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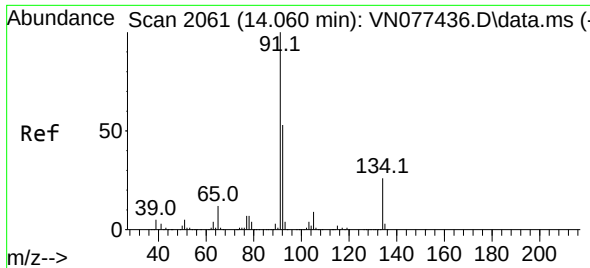
Tgt Ion: 91 Resp: 132841
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 0.906 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

Tgt Ion: 105 Resp: 19797
Ion Ratio Lower Upper
105 100
120 48.7 22.0 66.0

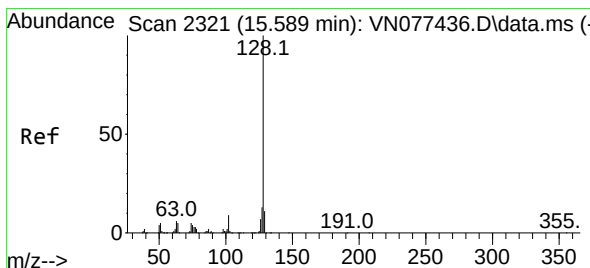
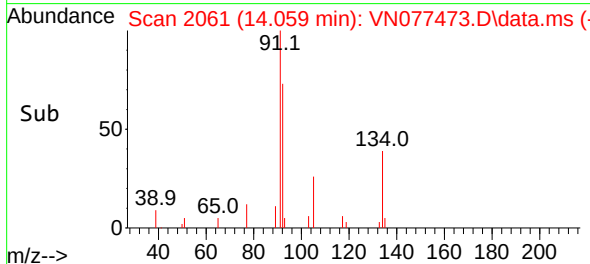
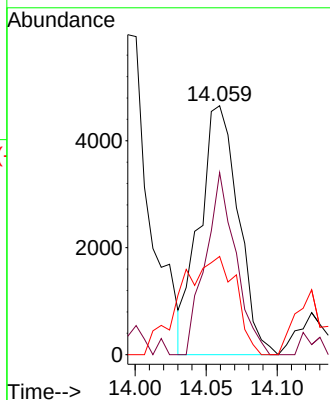
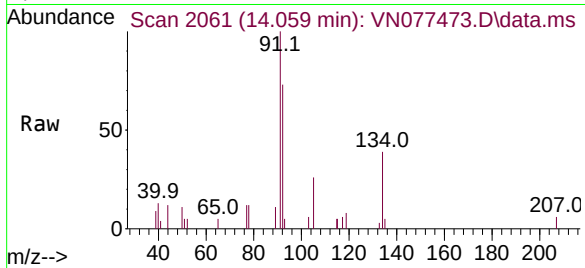




#89
n-Butylbenzene
Concen: 0.478 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 91 Resp: 8885
Ion Ratio Lower Upper
91 100
92 56.9 26.4 79.0
134 56.1 12.6 37.6#



#95
Naphthalene
Concen: 2.061 ug/l
RT: 15.595 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN077473.D
Acq: 25 Apr 2023 16:44

Tgt Ion:128 Resp: 8447
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.4 8.7 13.1

