

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077477.D
 Acq On : 25 Apr 2023 18:21
 Operator : JC\MD
 Sample : 02460-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Apr 26 04:22:45 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)

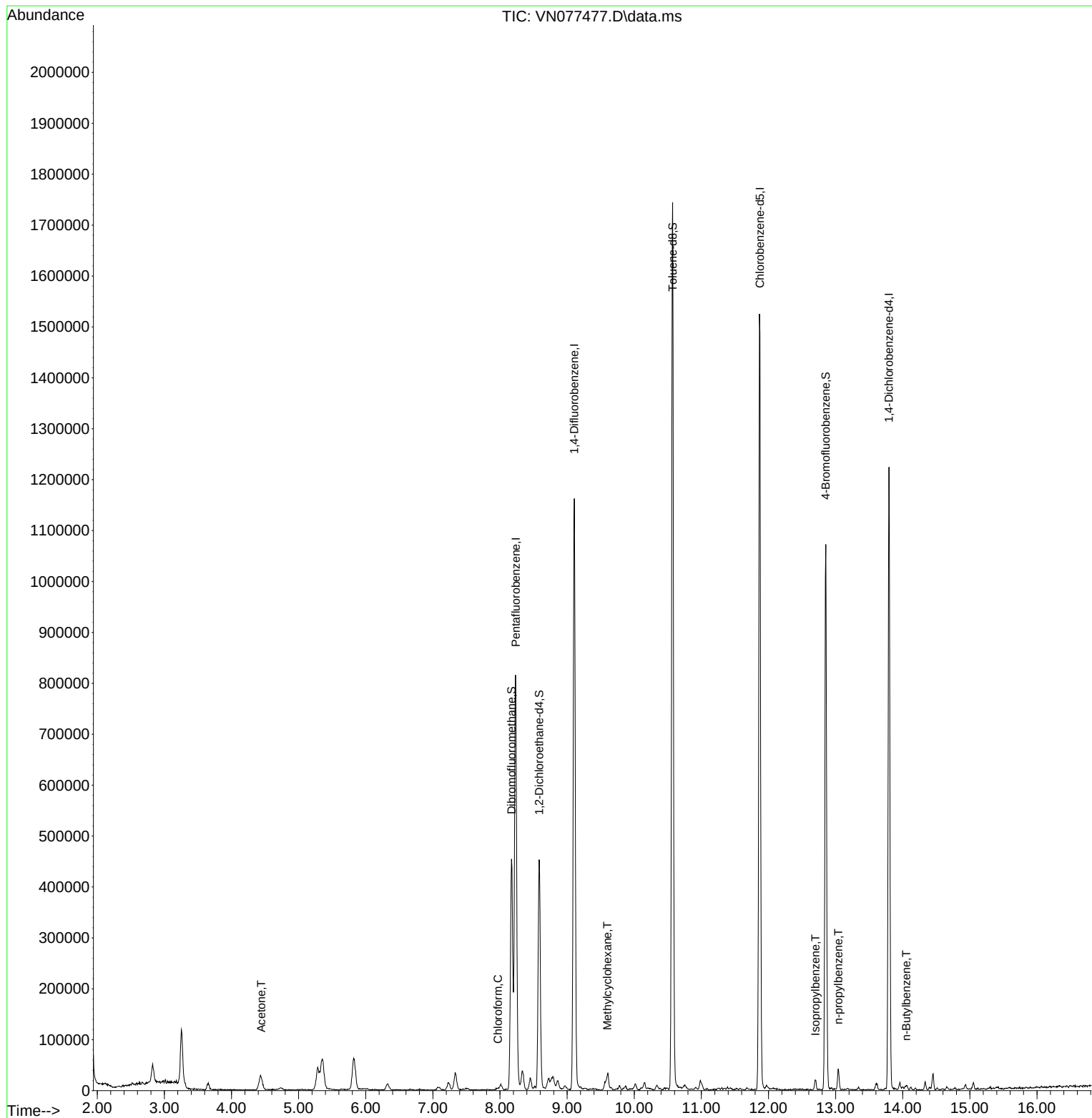
Internal Standards						
1) Pentafluorobenzene	8.236	168	574468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1070198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	942118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	331330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	369486	49.290	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.580%
35) Dibromofluoromethane	8.172	113	331982	51.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	10.572	98	1280997	51.962	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.920%
62) 4-Bromofluorobenzene	12.854	95	394222	48.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.760%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	17472	7.326	ug/l #	63
30) Chloroform	7.972	83	3952	0.303	ug/l	91
39) Methylcyclohexane	9.601	83	15177	1.240	ug/l #	87
73) Isopropylbenzene	12.701	105	13914	0.453	ug/l	96
78) n-propylbenzene	13.042	91	34458	1.014	ug/l	98
89) n-Butylbenzene	14.054	91	5943	0.328	ug/l	86

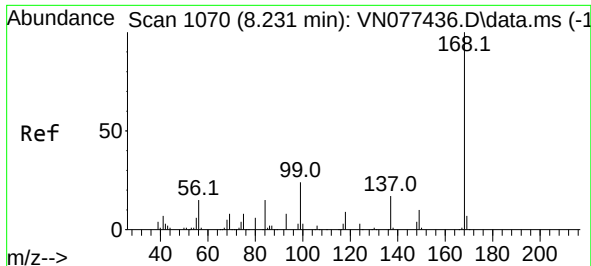
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 04:22:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

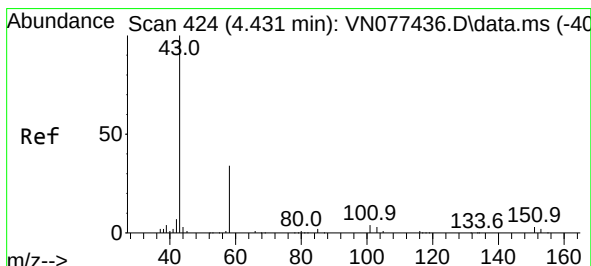
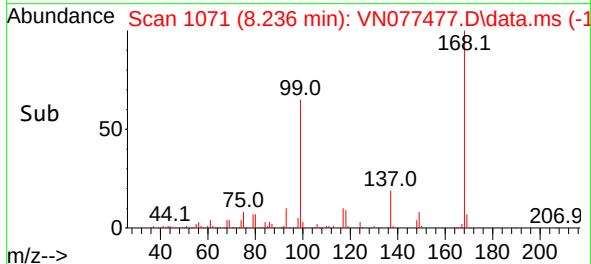
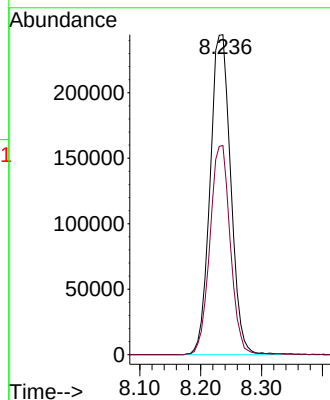
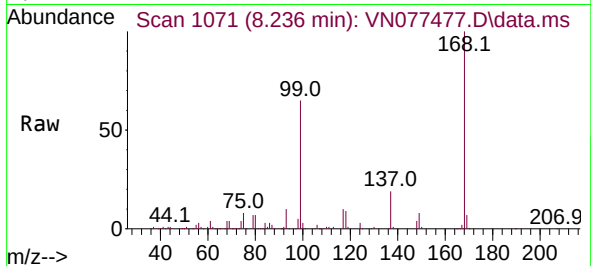




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN077477.D
Acq: 25 Apr 2023 18:21

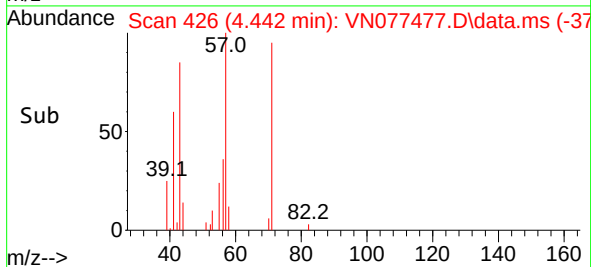
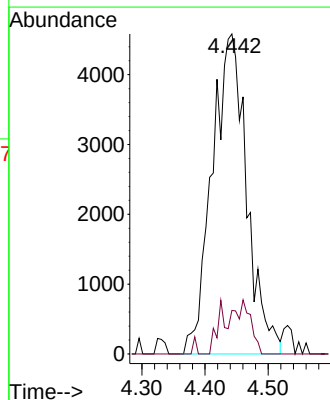
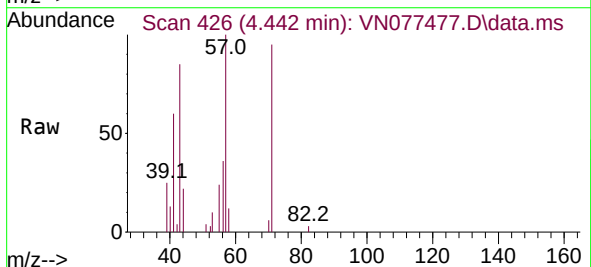
Instrument :
MSVOA_N
ClientSampleId :
MW-2

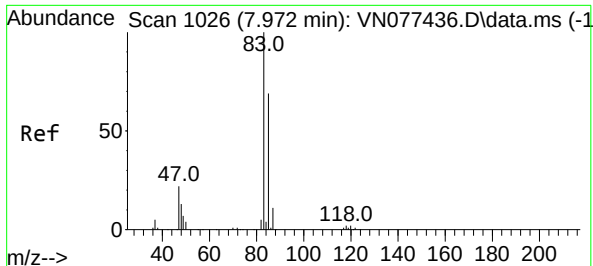
Tgt Ion:168 Resp: 574468
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#16
Acetone
Concen: 7.326 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077477.D
Acq: 25 Apr 2023 18:21

Tgt Ion: 43 Resp: 17472
Ion Ratio Lower Upper
43 100
58 13.6 28.0 42.0#





#30

Chloroform

Concen: 0.303 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077477.D

Acq: 25 Apr 2023 18:21

Instrument :

MSVOA_N

ClientSampleId :

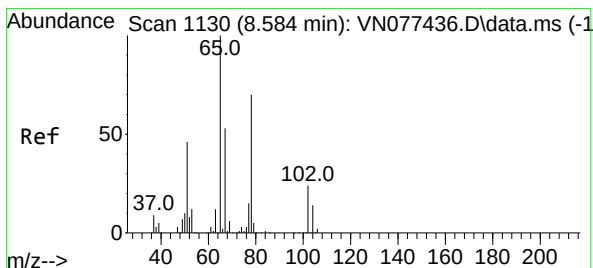
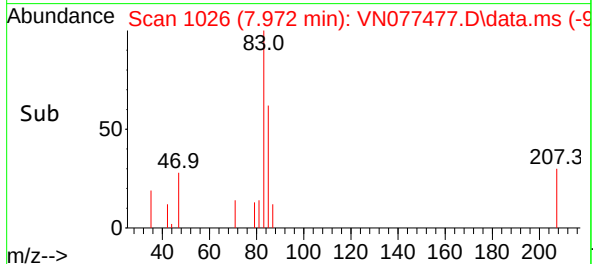
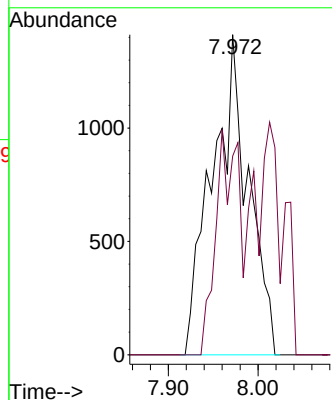
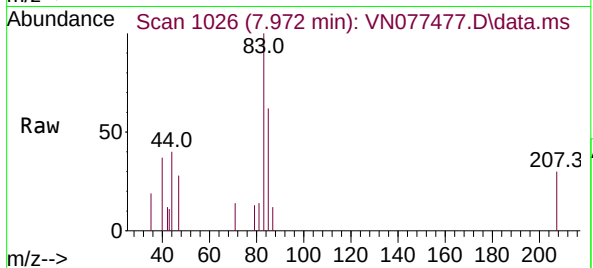
MW-2

Tgt Ion: 83 Resp: 3952

Ion Ratio Lower Upper

83 100

85 62.0 55.4 83.0



#33

1,2-Dichloroethane-d4

Concen: 49.290 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077477.D

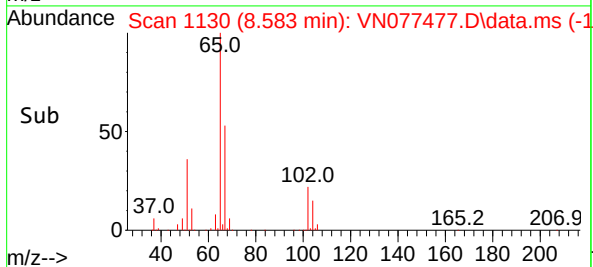
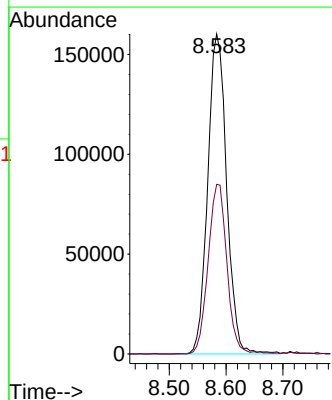
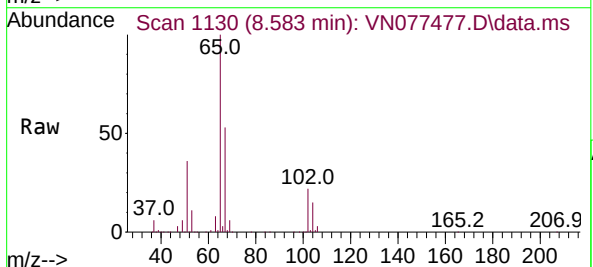
Acq: 25 Apr 2023 18:21

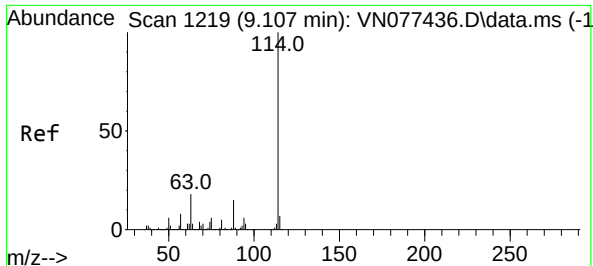
Tgt Ion: 65 Resp: 369486

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077477.D

Acq: 25 Apr 2023 18:21

Instrument :

MSVOA_N

ClientSampleId :

MW-2

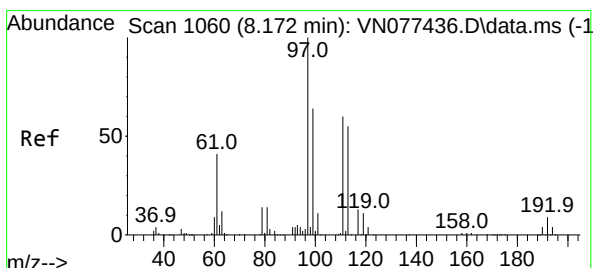
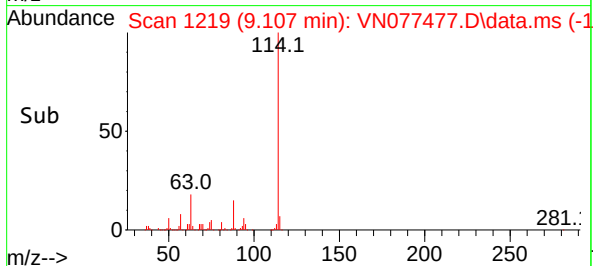
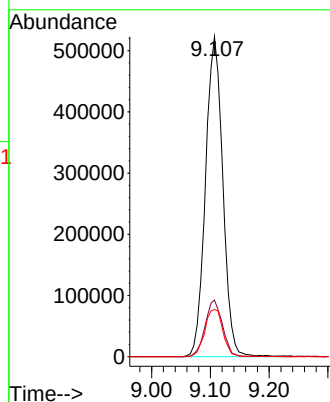
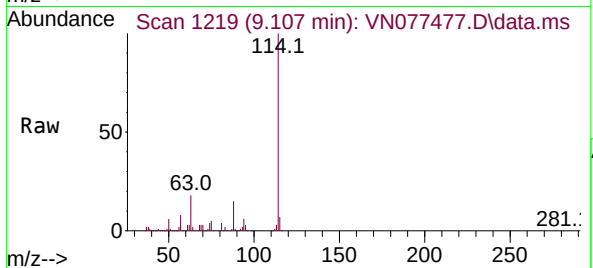
Tgt Ion:114 Resp: 1070198

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.611 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077477.D

Acq: 25 Apr 2023 18:21

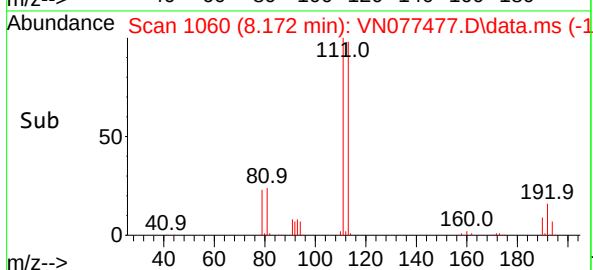
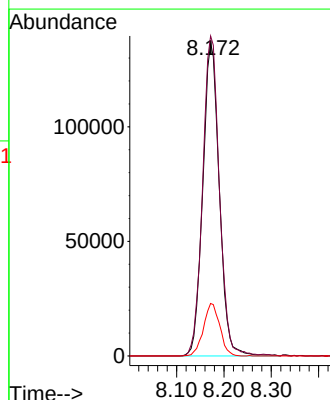
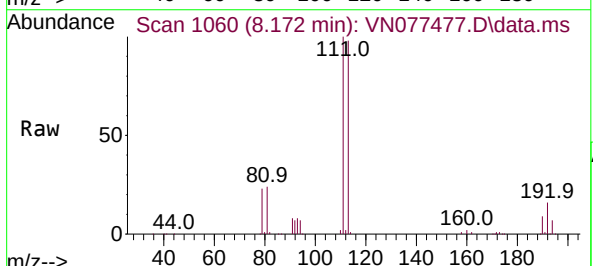
Tgt Ion:113 Resp: 331982

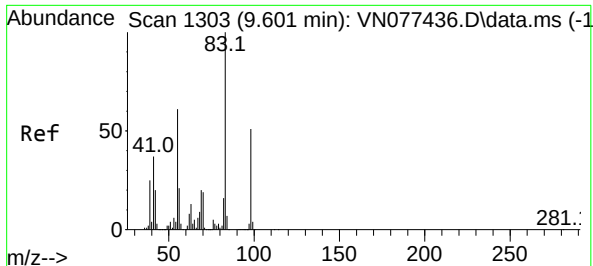
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 16.6 12.7 19.1





#39

Methylcyclohexane

Concen: 1.240 ug/l

RT: 9.601 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077477.D

Acq: 25 Apr 2023 18:21

Instrument :

MSVOA_N

ClientSampleId :

MW-2

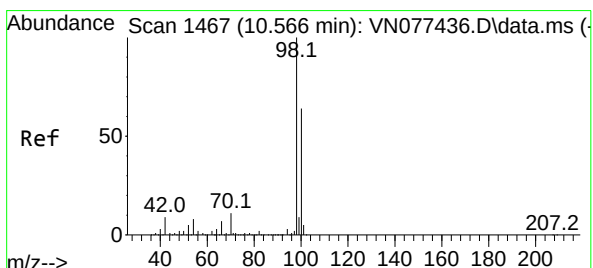
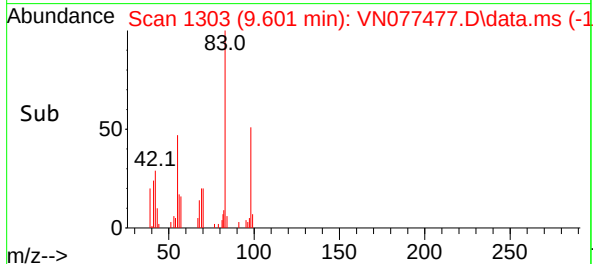
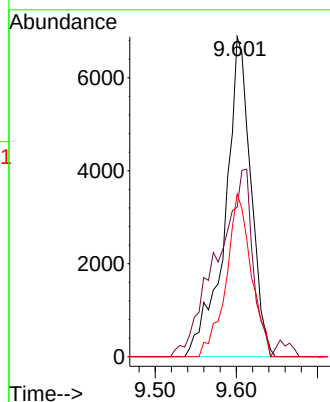
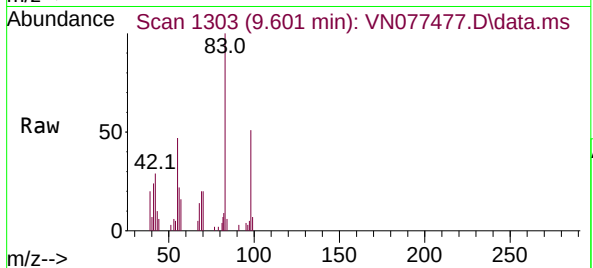
Tgt Ion: 83 Resp: 15177

Ion Ratio Lower Upper

83 100

55 43.2 49.1 73.7#

98 50.9 40.6 61.0



#50

Toluene-d8

Concen: 51.962 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077477.D

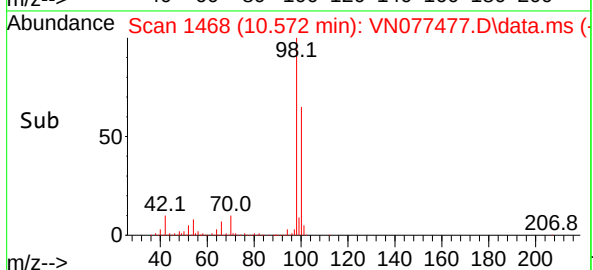
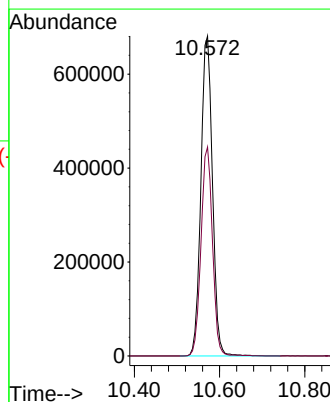
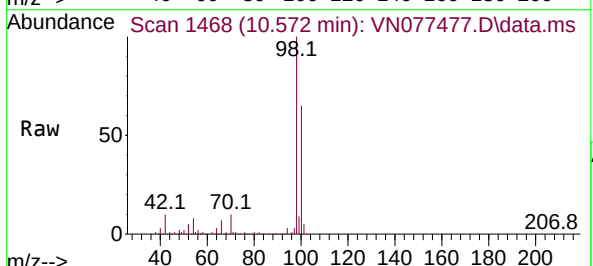
Acq: 25 Apr 2023 18:21

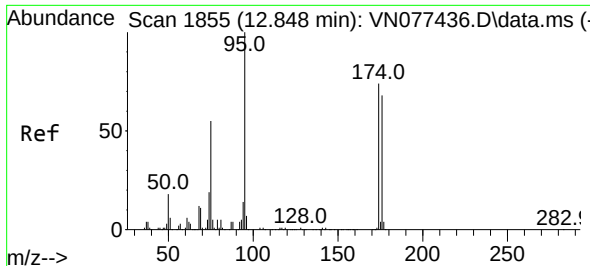
Tgt Ion: 98 Resp: 1280997

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

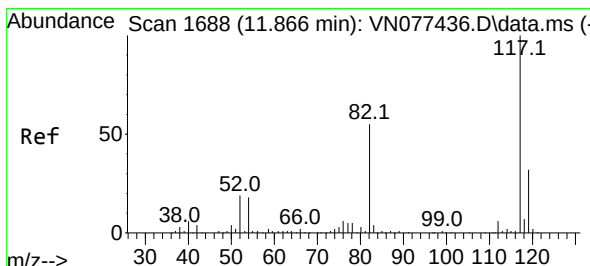
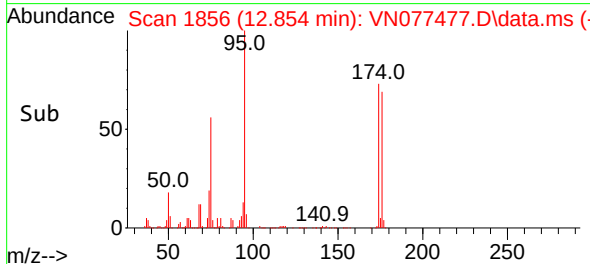
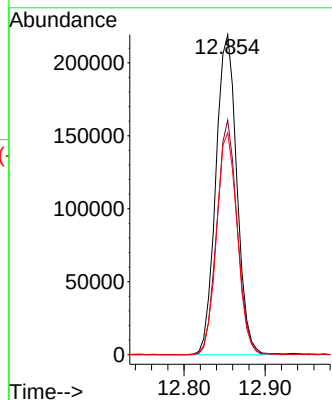
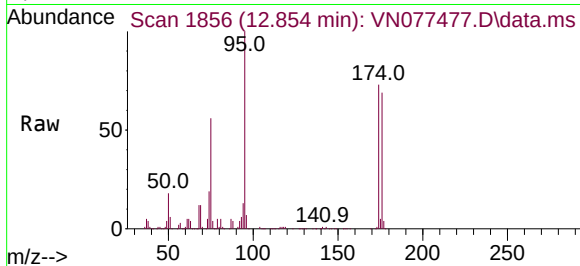




#62
4-Bromofluorobenzene
Concen: 48.876 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077477.D
Acq: 25 Apr 2023 18:21

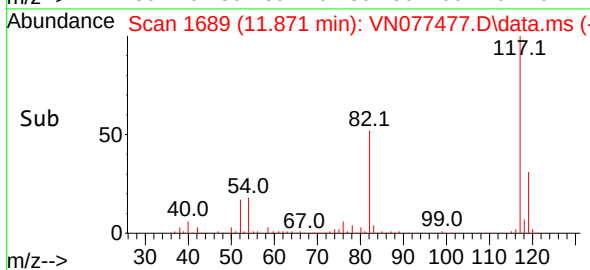
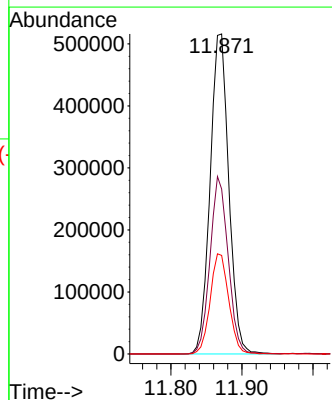
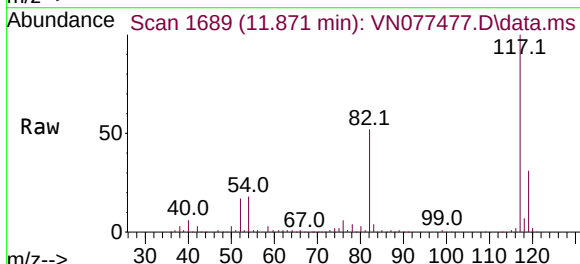
Instrument :
MSVOA_N
ClientSampleId :
MW-2

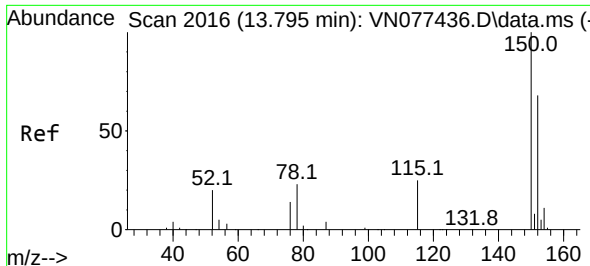
Tgt Ion: 95 Resp: 394222
Ion Ratio Lower Upper
95 100
174 71.2 0.0 143.8
176 68.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077477.D
Acq: 25 Apr 2023 18:21

Tgt Ion: 117 Resp: 942118
Ion Ratio Lower Upper
117 100
82 51.6 44.0 66.0
119 30.8 25.6 38.4

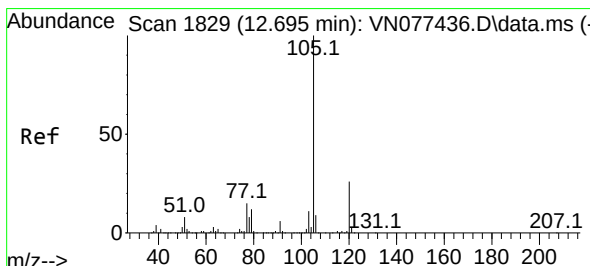
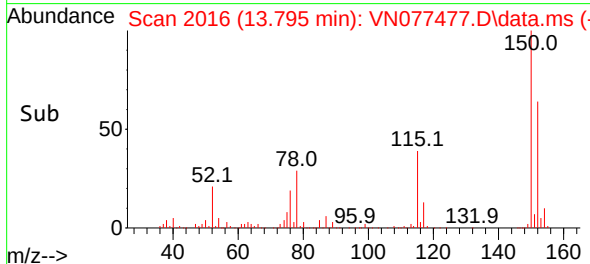
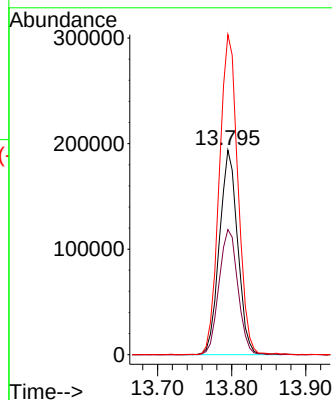
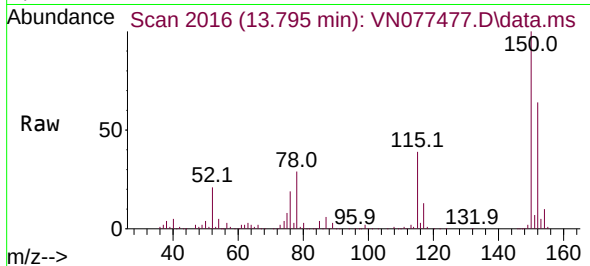




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN077477.D
 Acq: 25 Apr 2023 18:21

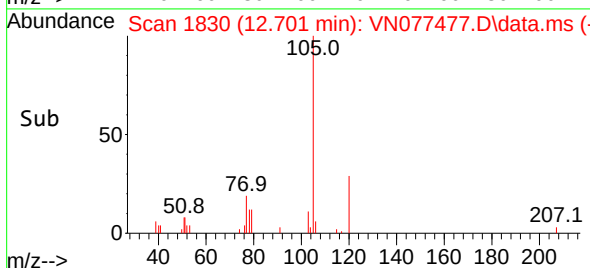
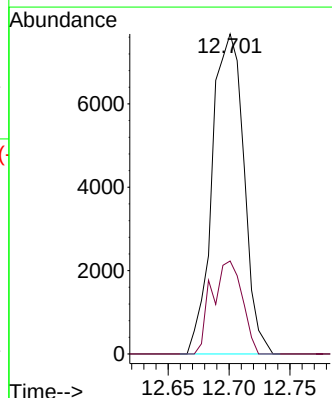
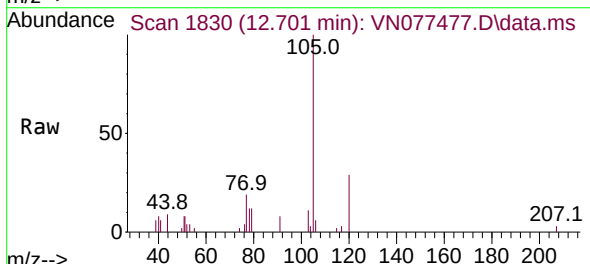
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

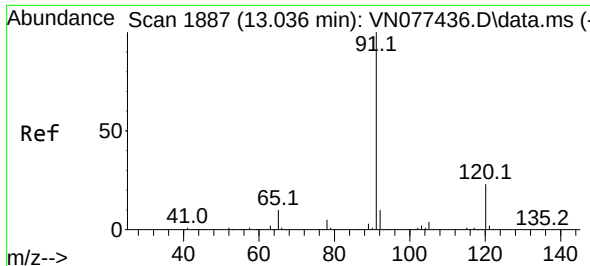
Tgt Ion:152 Resp: 331330
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 159.6 0.0 355.8



#73
 Isopropylbenzene
 Concen: 0.453 ug/l
 RT: 12.701 min Scan# 1830
 Delta R.T. 0.006 min
 Lab File: VN077477.D
 Acq: 25 Apr 2023 18:21

Tgt Ion:105 Resp: 13914
 Ion Ratio Lower Upper
 105 100
 120 27.9 13.1 39.1

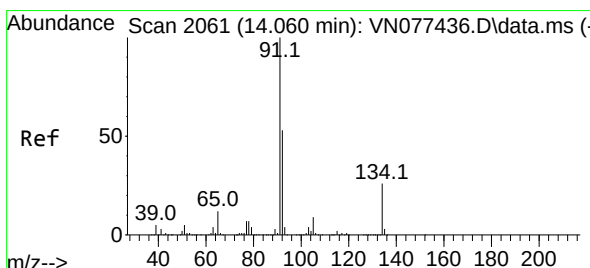
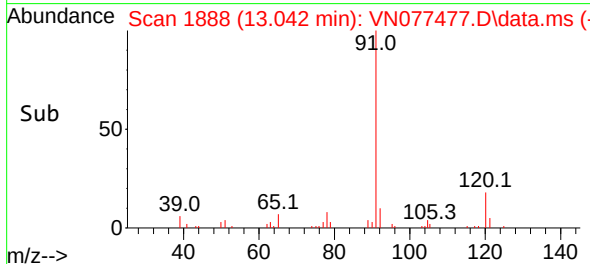
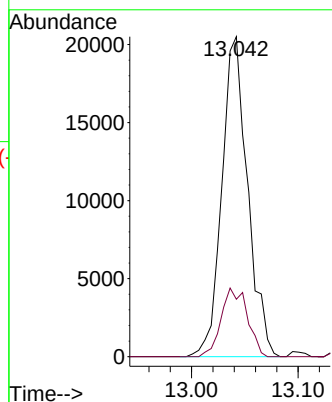
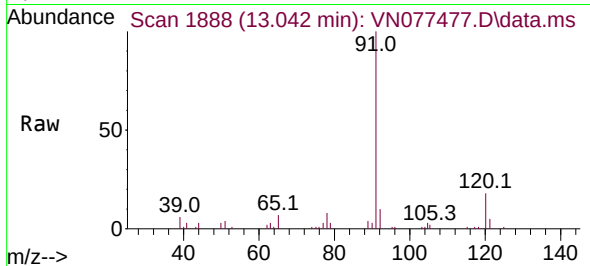




#78
n-propylbenzene
Concen: 1.014 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077477.D
Acq: 25 Apr 2023 18:21

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion: 91 Resp: 34458
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4



#89
n-Butylbenzene
Concen: 0.328 ug/l
RT: 14.054 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VN077477.D
Acq: 25 Apr 2023 18:21

Tgt Ion: 91 Resp: 5943
Ion Ratio Lower Upper
91 100
92 42.4 26.4 79.0
134 19.2 12.6 37.6

