

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
 Data File : VN079204.D
 Acq On : 08 Sep 2023 17:54
 Operator : JC\MD
 Sample : 04376-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(SEP)

Quant Time: Sep 09 00:33:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 08 05:09:17 2023
 Response via : Initial Calibration

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

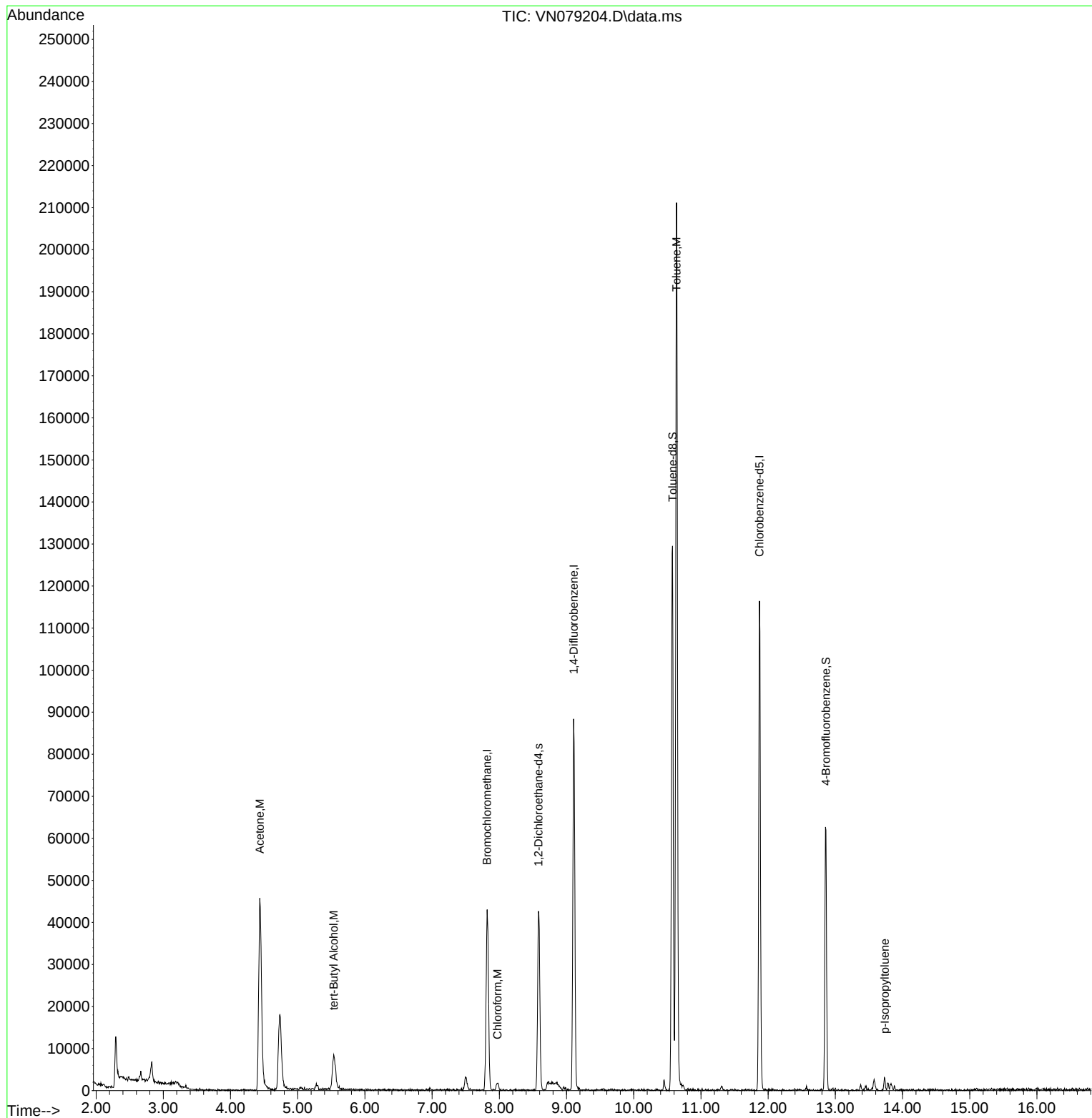
Internal Standards						
1) Bromochloromethane	7.818	128	15425	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	76264	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	69040	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	36805	31.759	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.867%
60) 4-Bromofluorobenzene	12.859	95	22946	22.556	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.200%
63) Toluene-d8	10.577	98	93815	29.077	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.933%
Target Compounds						
					Qvalue	
15) Acetone	4.436	58	27713	286.394	ug/l	82
23) tert-Butyl Alcohol	5.536	59	14350	100.562	ug/l #	100
25) Chloroform	7.971	83	2166	1.178	ug/l	89
62) Toluene	10.635	91	162348	40.387	ug/l	100
82) p-Isopropyltoluene	13.735	119	1762	0.643	ug/l	93

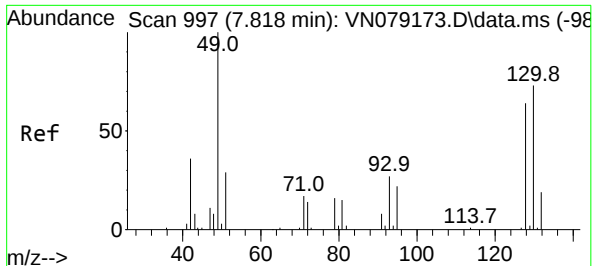
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090823\
Data File : VN079204.D
Acq On : 08 Sep 2023 17:54
Operator : JC\MD
Sample : 04376-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(SEP)

Quant Time: Sep 09 00:33:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 08 05:09:17 2023
Response via : Initial Calibration

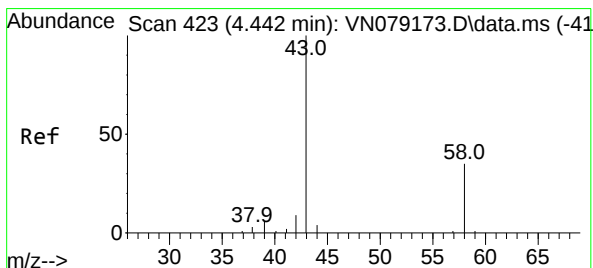
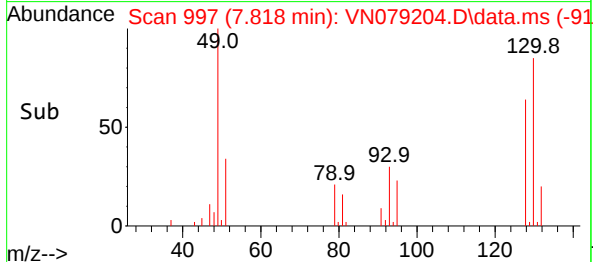
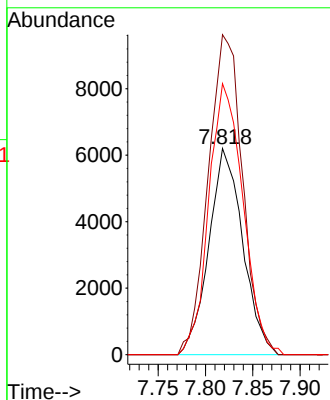
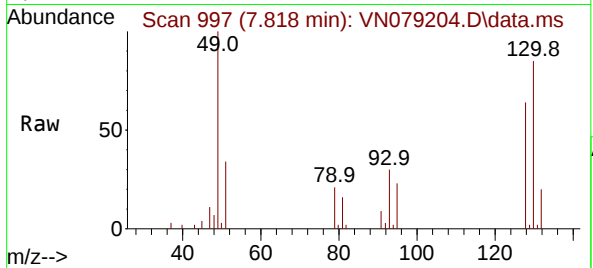




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079204.D
Acq: 08 Sep 2023 17:54

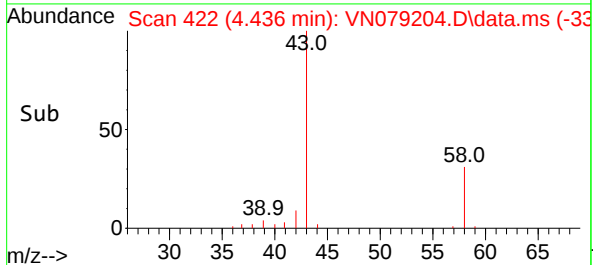
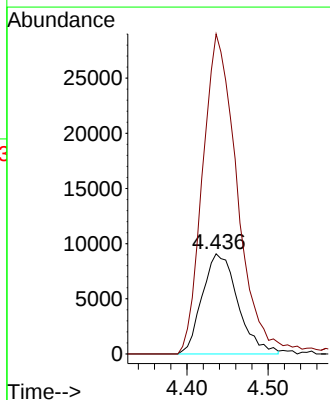
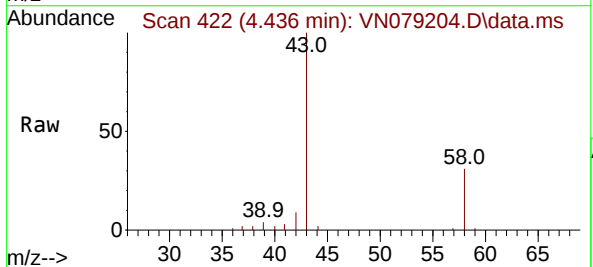
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(SEP)

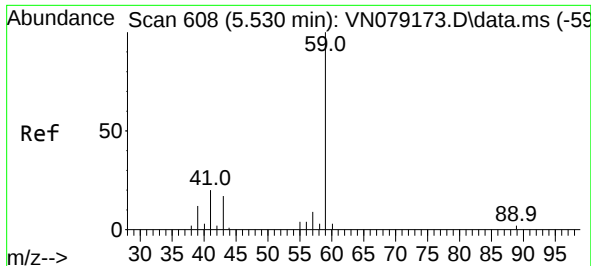
Tgt Ion:128 Resp: 15425
Ion Ratio Lower Upper
128 100
49 157.2 0.0 414.3
130 132.9 0.0 311.0



#15
Acetone
Concen: 286.394 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN079204.D
Acq: 08 Sep 2023 17:54

Tgt Ion: 58 Resp: 27713
Ion Ratio Lower Upper
58 100
43 319.6 228.3 342.5





#23

tert-Butyl Alcohol

Concen: 100.562 ug/l

RT: 5.536 min Scan# 608

Delta R.T. 0.006 min

Lab File: VN079204.D

Acq: 08 Sep 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

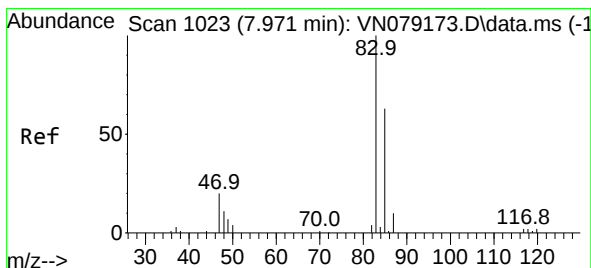
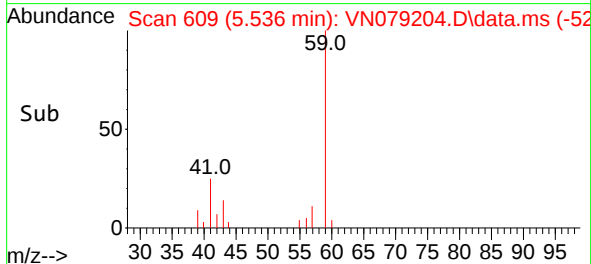
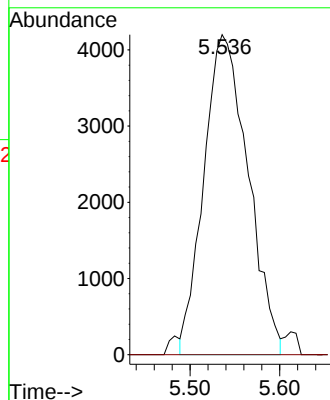
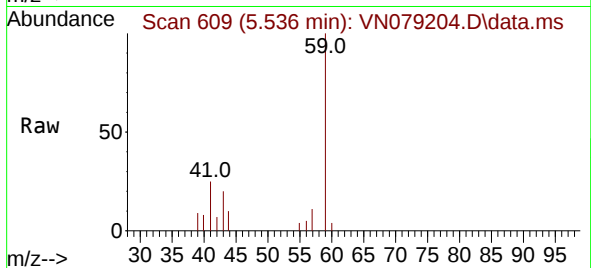
002-35TH-AVE(SEP)

Tgt Ion: 59 Resp: 14350

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#25

Chloroform

Concen: 1.178 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079204.D

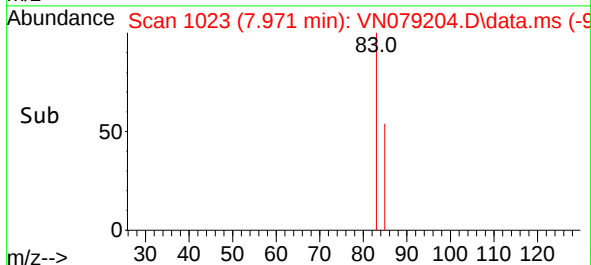
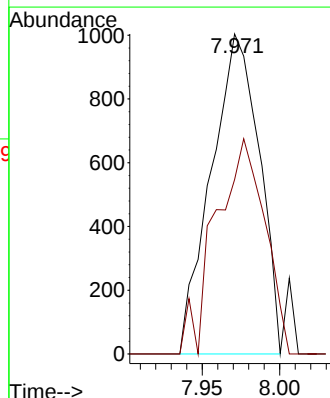
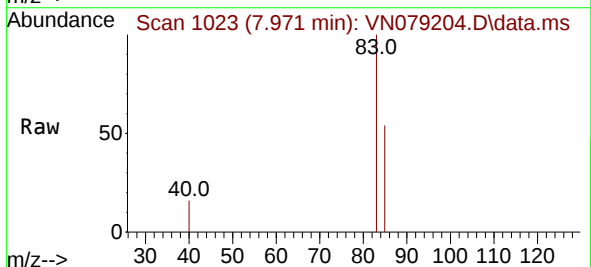
Acq: 08 Sep 2023 17:54

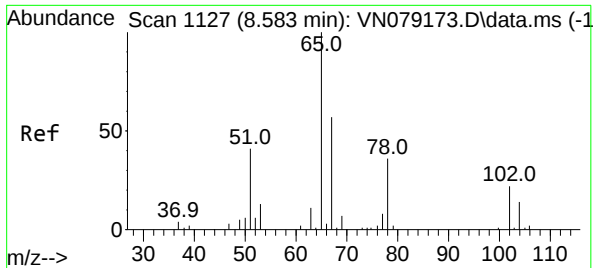
Tgt Ion: 83 Resp: 2166

Ion Ratio Lower Upper

83 100

85 54.5 50.6 76.0

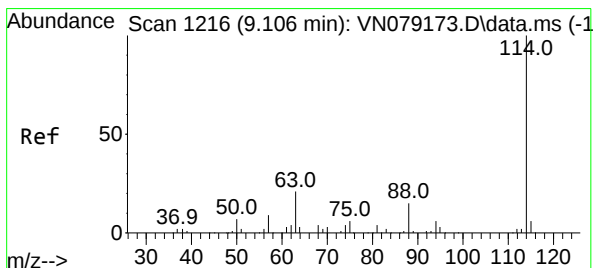
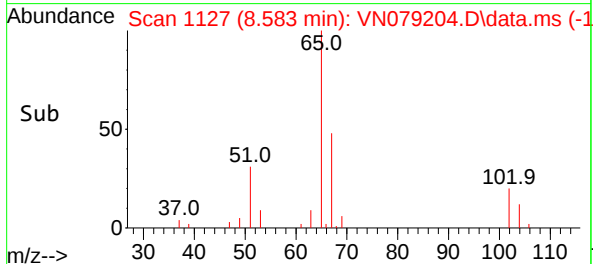
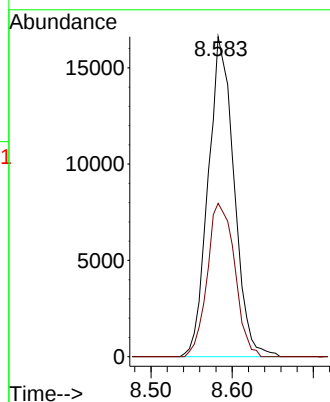
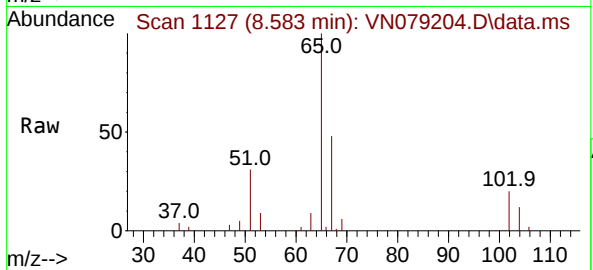




#27
1,2-Dichloroethane-d4
Concen: 31.759 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079204.D
Acq: 08 Sep 2023 17:54

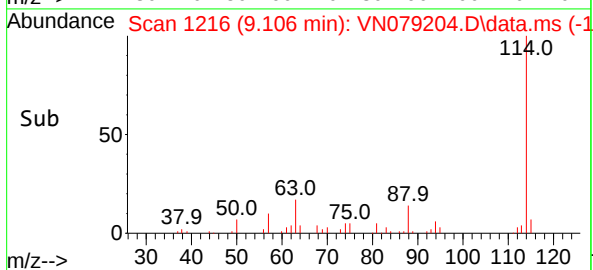
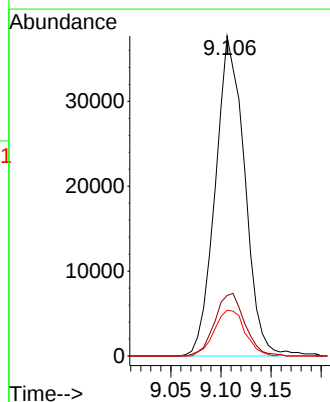
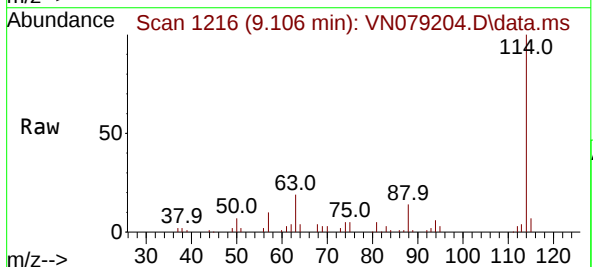
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(SEP)

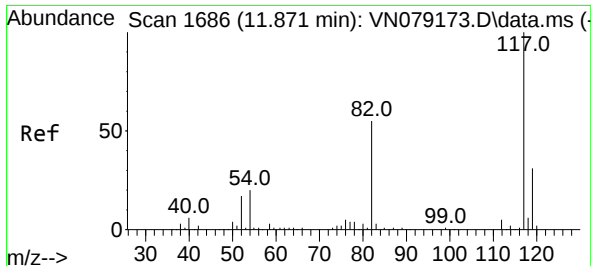
Tgt Ion: 65 Resp: 36805
Ion Ratio Lower Upper
65 100
67 50.6 44.4 66.6



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079204.D
Acq: 08 Sep 2023 17:54

Tgt Ion: 114 Resp: 76264
Ion Ratio Lower Upper
114 100
63 20.1 17.0 25.4
88 15.0 12.8 19.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079204.D

Acq: 08 Sep 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(SEP)

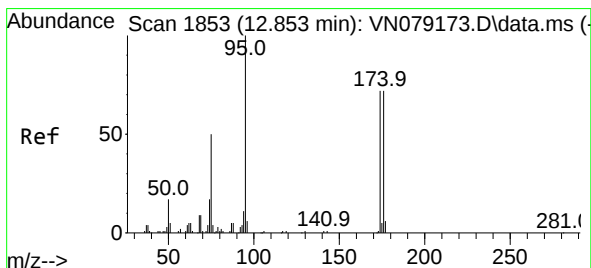
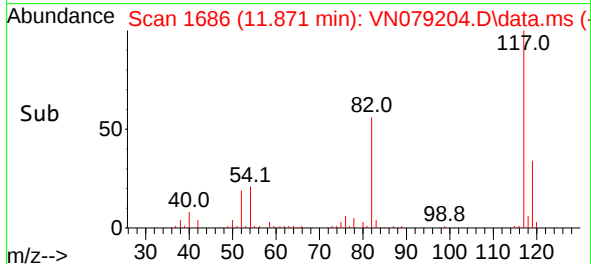
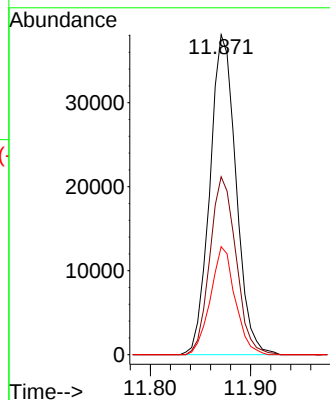
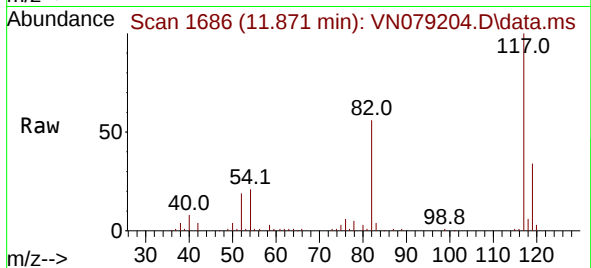
Tgt Ion:117 Resp: 69040

Ion Ratio Lower Upper

117 100

82 55.5 44.7 67.1

119 31.9 24.9 37.3



#60

4-Bromofluorobenzene

Concen: 22.556 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN079204.D

Acq: 08 Sep 2023 17:54

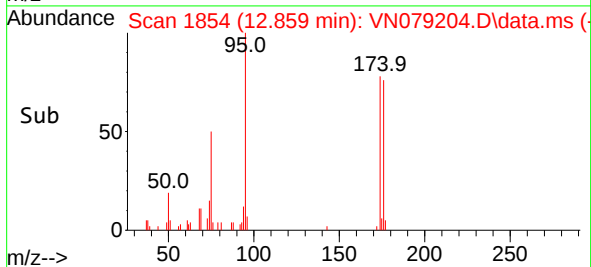
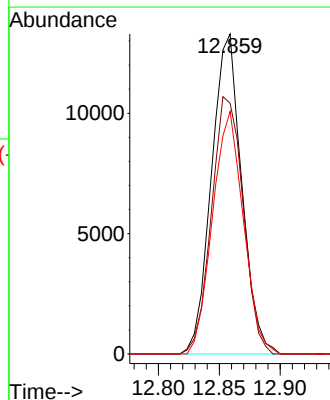
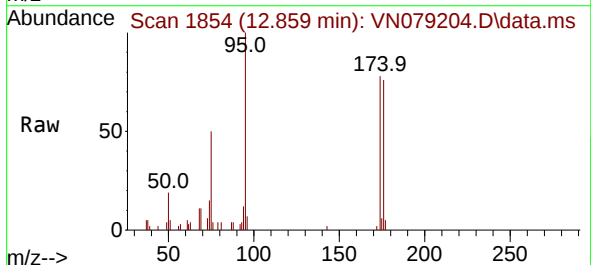
Tgt Ion: 95 Resp: 22946

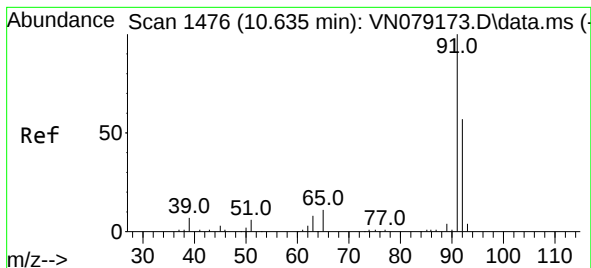
Ion Ratio Lower Upper

95 100

174 84.1 59.5 89.3

176 77.3 59.1 88.7





#62

Toluene

Concen: 40.387 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079204.D

Acq: 08 Sep 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

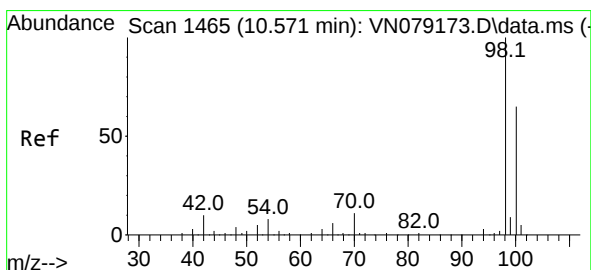
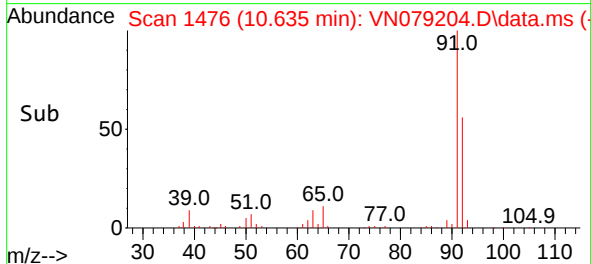
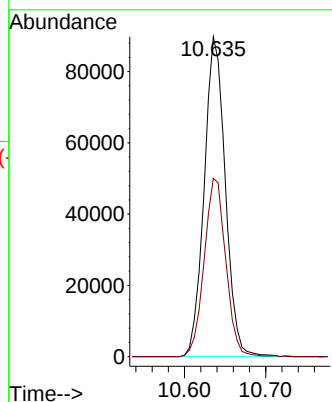
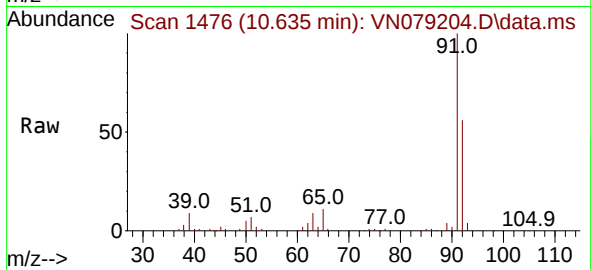
002-35TH-AVE(SEP)

Tgt Ion: 91 Resp: 162348

Ion Ratio Lower Upper

91 100

92 56.8 45.7 68.5



#63

Toluene-d8

Concen: 29.077 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN079204.D

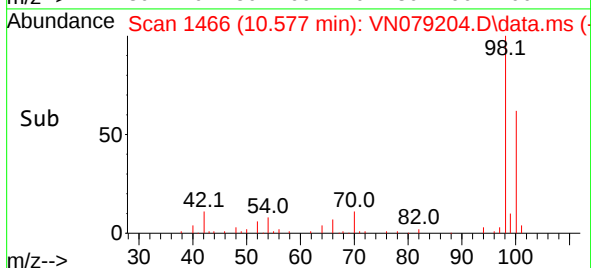
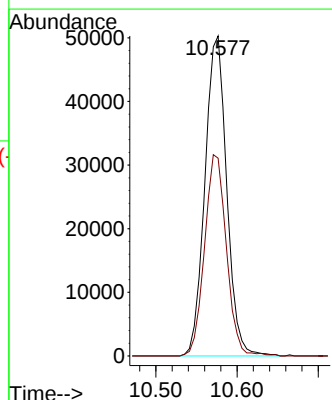
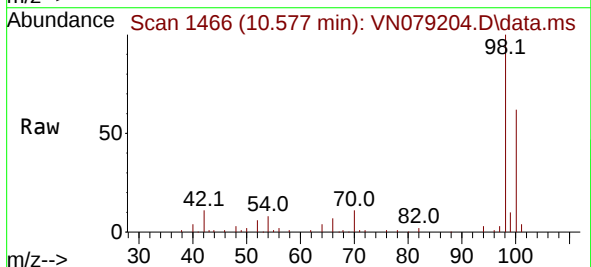
Acq: 08 Sep 2023 17:54

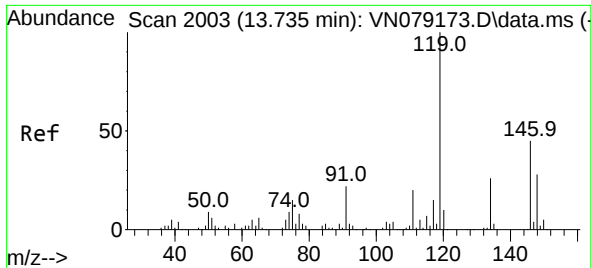
Tgt Ion: 98 Resp: 93815

Ion Ratio Lower Upper

98 100

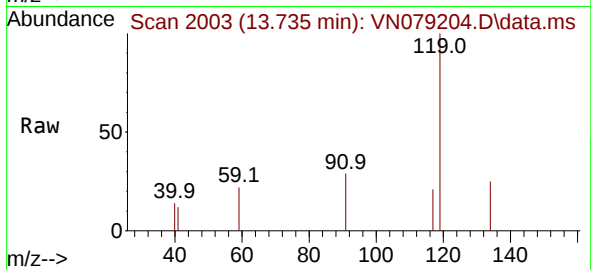
100 63.0 52.5 78.7





#82
 p-Isopropyltoluene
 Concen: 0.643 ug/l
 RT: 13.735 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079204.D
 Acq: 08 Sep 2023 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(SEP)



Tgt Ion:	119	Resp:	1762
Ion	Ratio	Lower	Upper
119	100		
134	23.6	0.0	53.8
91	20.8	0.0	48.0

