

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077899.D
 Acq On : 25 May 2023 14:03
 Operator : JC\MD
 Sample : 02850-05
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRE-1729

Quant Time: May 25 16:30:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

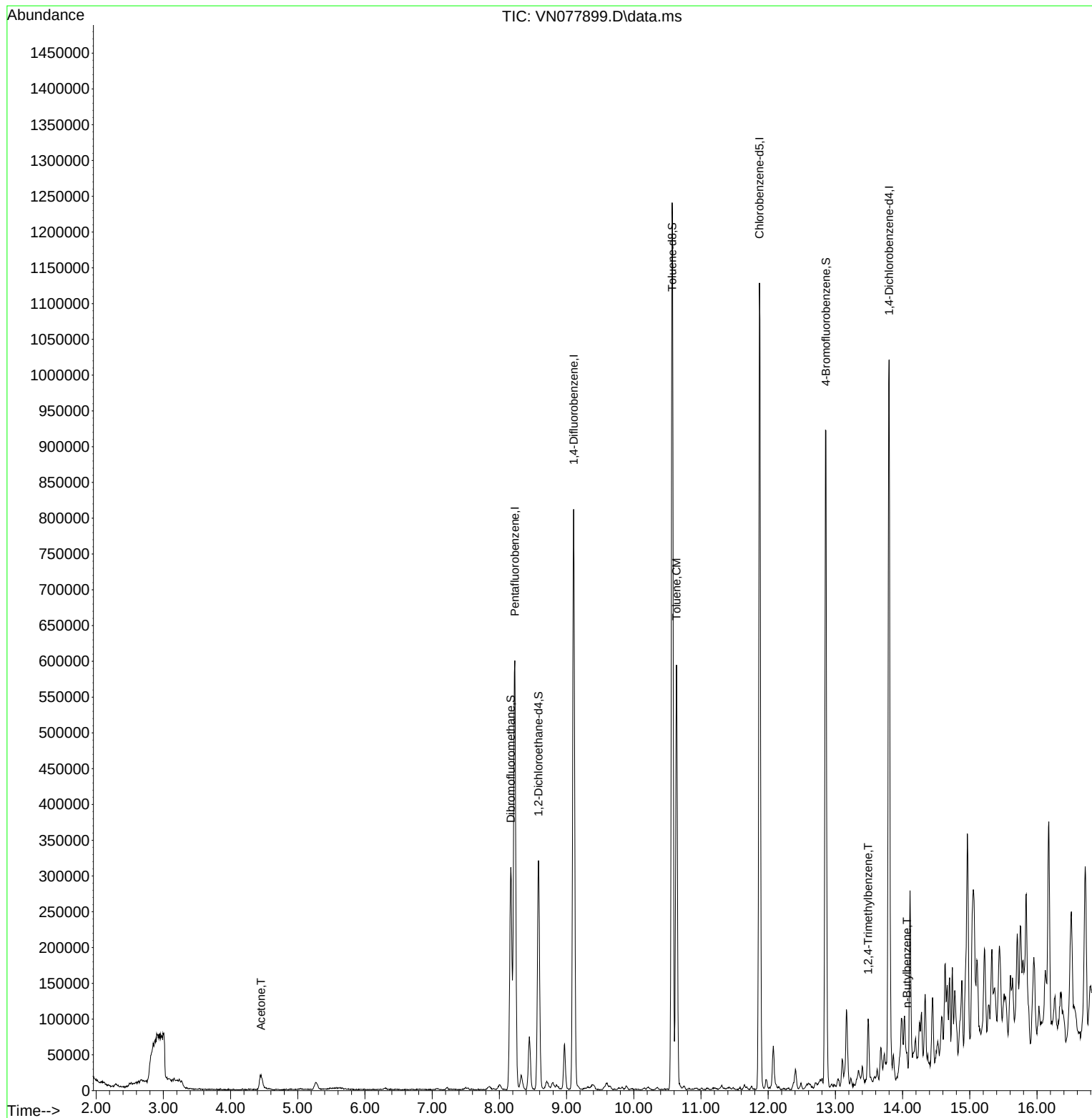
Internal Standards						
1) Pentafluorobenzene	8.230	168	410990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	734796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	662213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	267749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	265591	43.189	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.380%
35) Dibromofluoromethane	8.171	113	228192	47.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	10.571	98	909445	49.311	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.859	95	337535	51.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.640%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	41767	21.588	ug/l #	88
52) Toluene	10.635	92	261407	20.303	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	53026	2.780	ug/l	95
89) n-Butylbenzene	14.064	91	18200	1.031	ug/l #	81

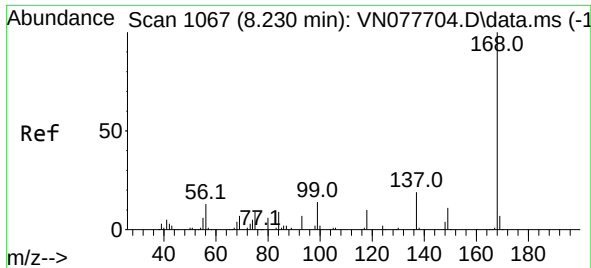
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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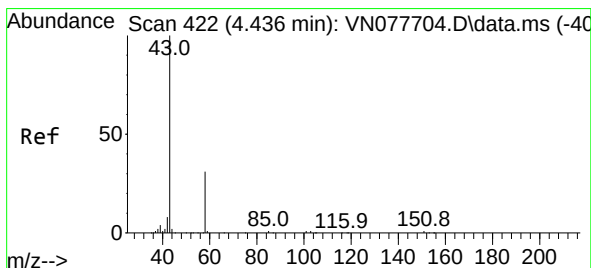
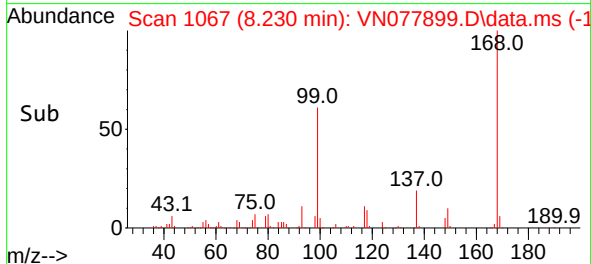
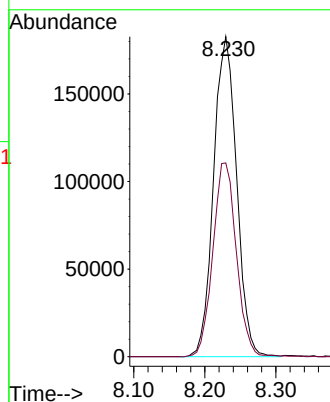
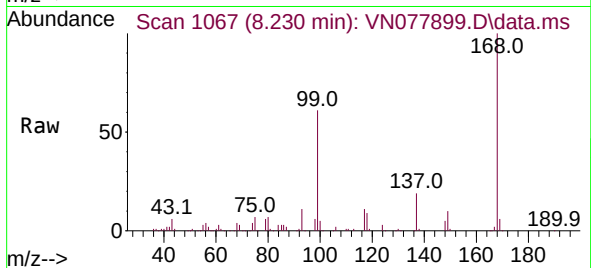




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077899.D
Acq: 25 May 2023 14:03

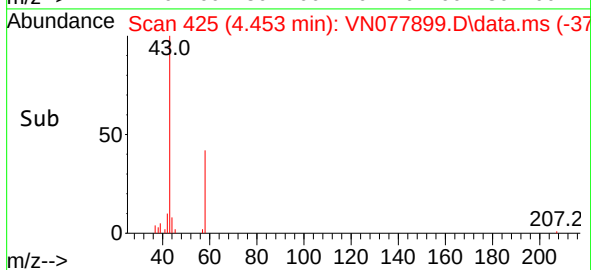
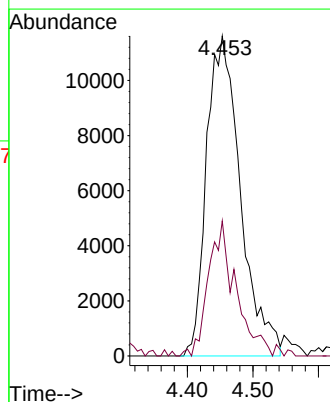
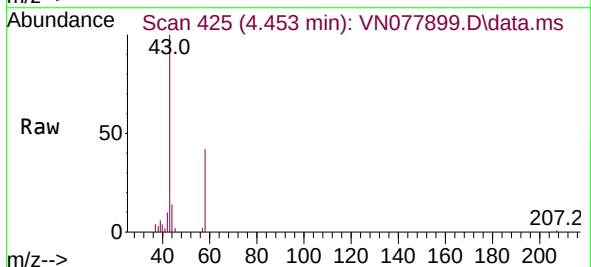
Instrument :
MSVOA_N
ClientSampleId :
TRE-1729

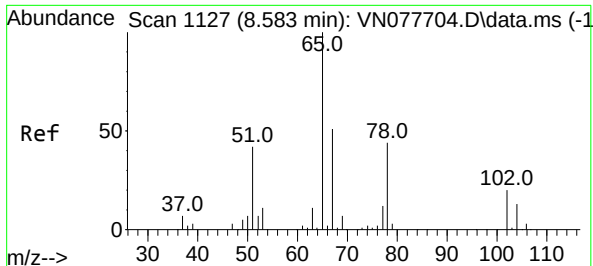
Tgt Ion:168 Resp: 410990
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#16
Acetone
Concen: 21.588 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077899.D
Acq: 25 May 2023 14:03

Tgt Ion: 43 Resp: 41767
Ion Ratio Lower Upper
43 100
58 42.2 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 43.189 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077899.D

Acq: 25 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

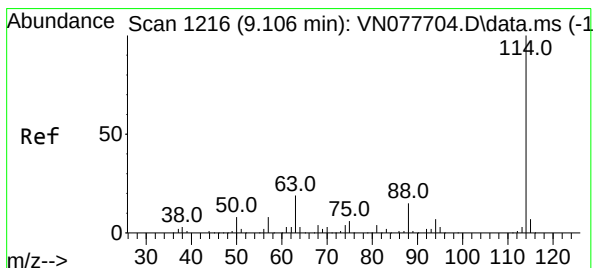
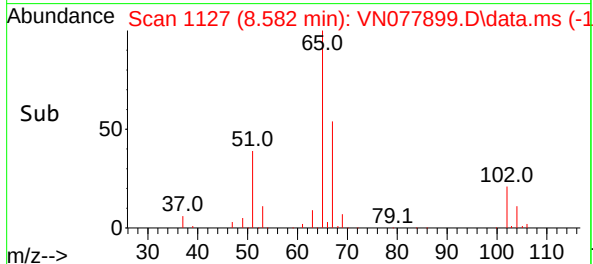
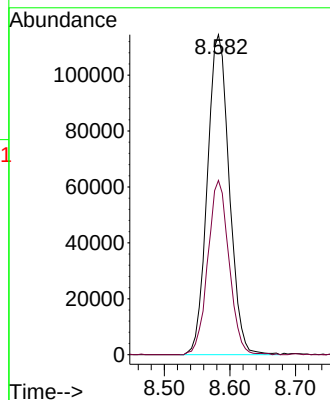
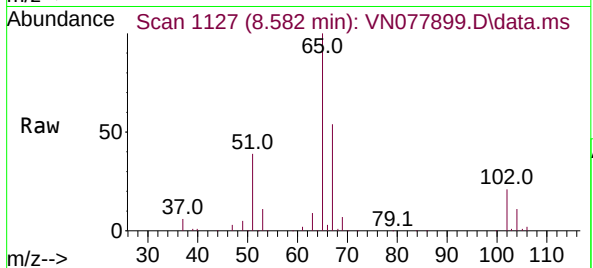
TRE-1729

Tgt Ion: 65 Resp: 265591

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077899.D

Acq: 25 May 2023 14:03

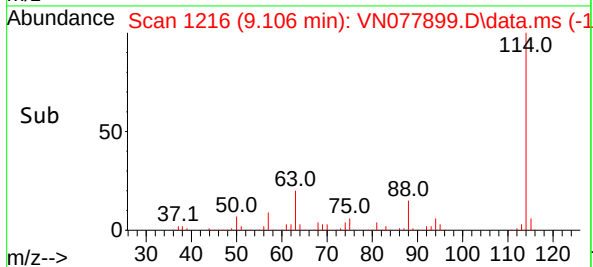
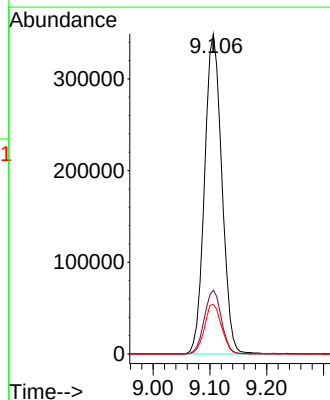
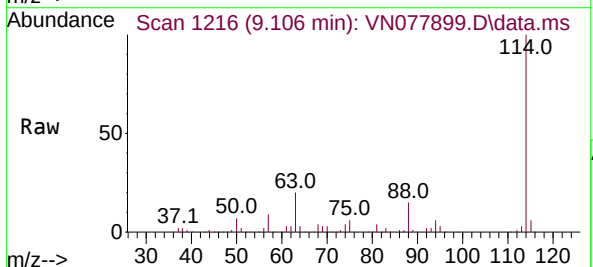
Tgt Ion: 114 Resp: 734796

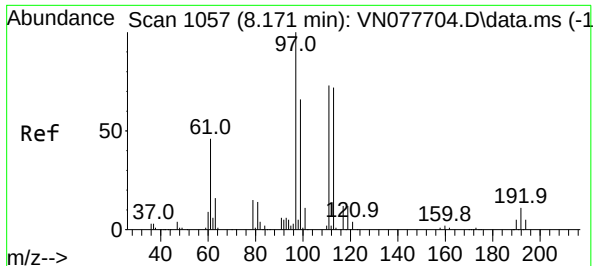
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.624 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077899.D

Acq: 25 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

TRE-1729

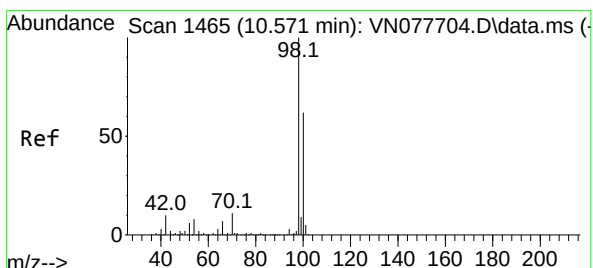
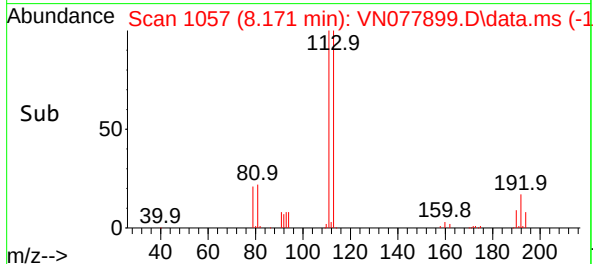
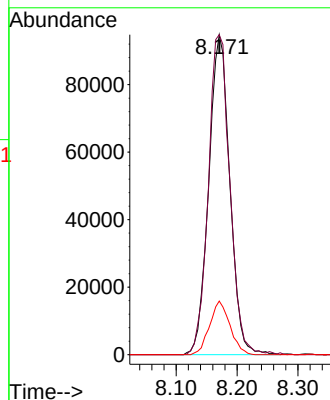
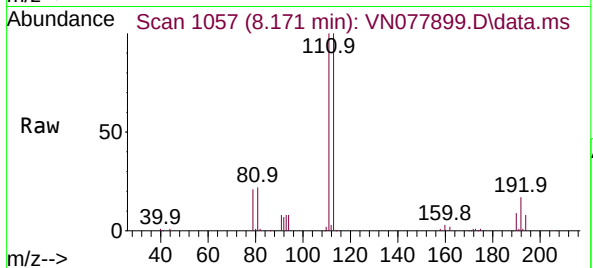
Tgt Ion:113 Resp: 228192

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 16.2 12.7 19.1



#50

Toluene-d8

Concen: 49.311 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077899.D

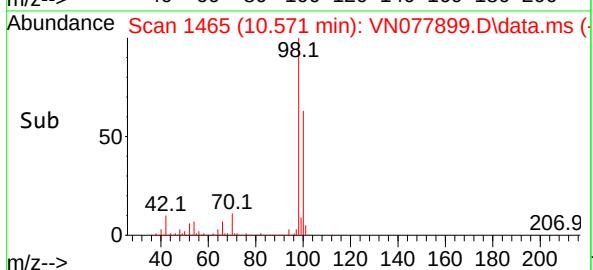
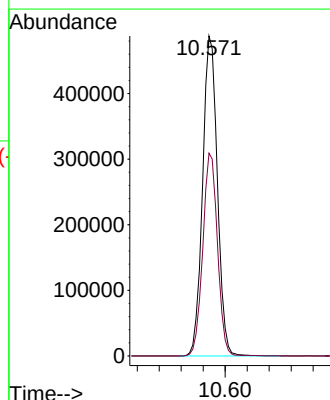
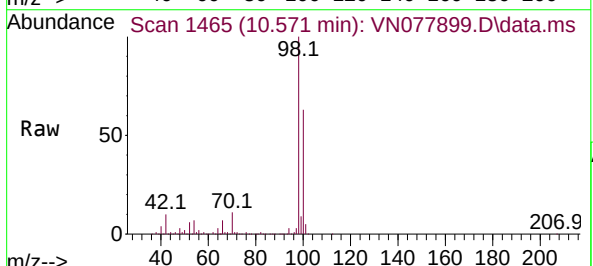
Acq: 25 May 2023 14:03

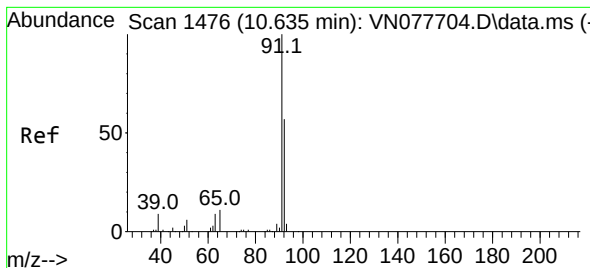
Tgt Ion: 98 Resp: 909445

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0





#52

Toluene

Concen: 20.303 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN077899.D

Acq: 25 May 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

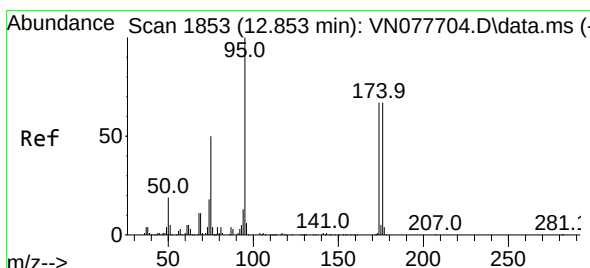
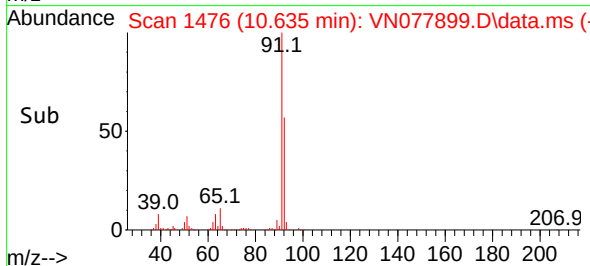
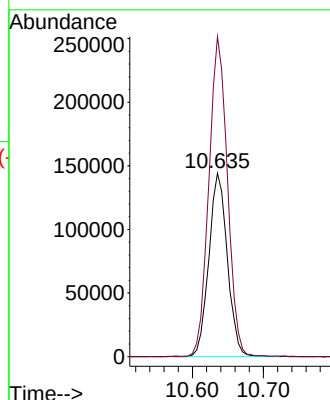
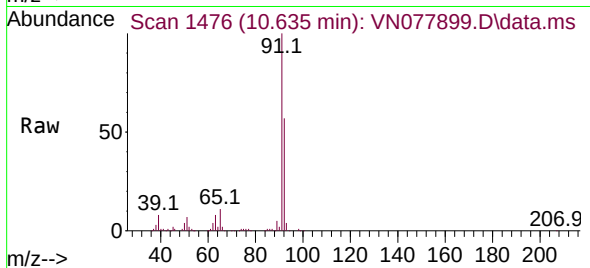
TRE-1729

Tgt Ion: 92 Resp: 261407

Ion Ratio Lower Upper

92 100

91 175.5 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 51.820 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077899.D

Acq: 25 May 2023 14:03

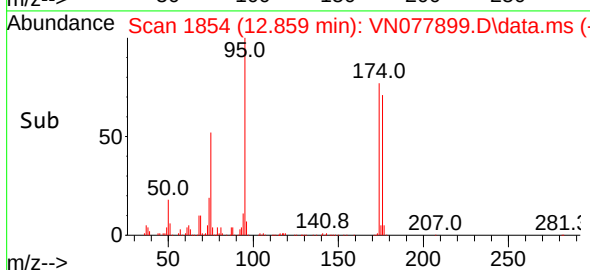
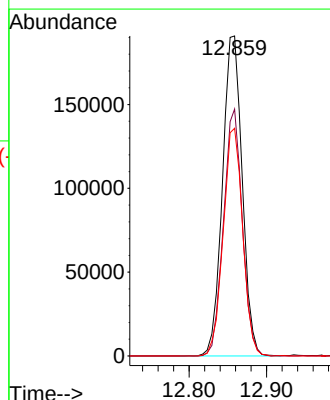
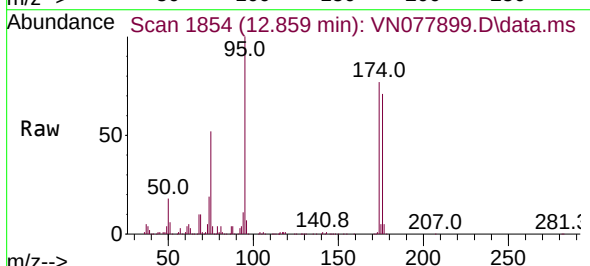
Tgt Ion: 95 Resp: 337535

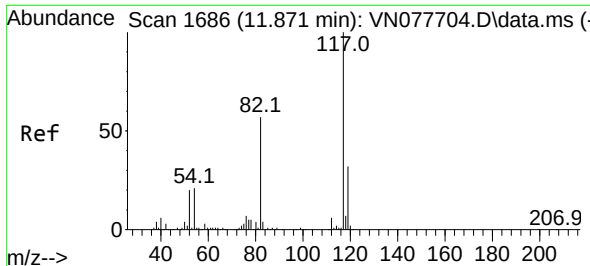
Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.8

176 70.2 0.0 135.8

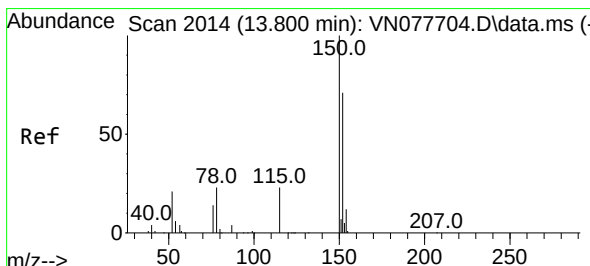
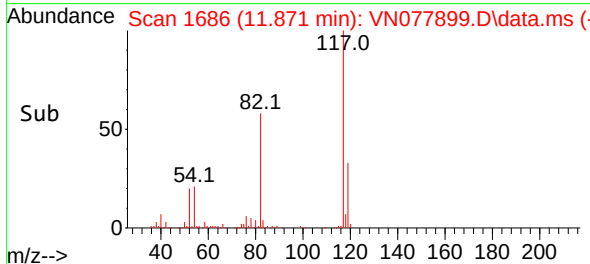
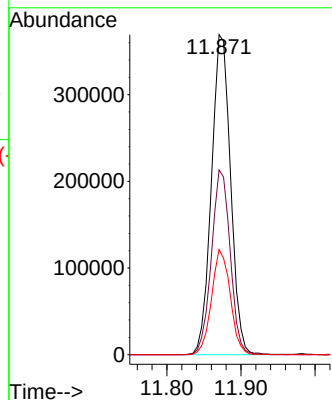
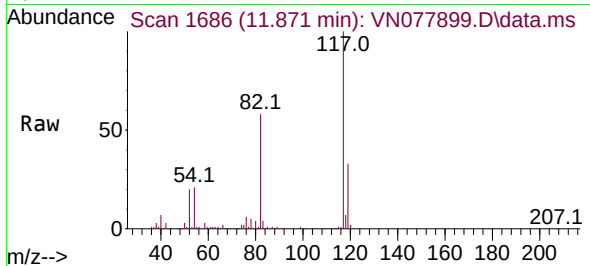




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077899.D
Acq: 25 May 2023 14:03

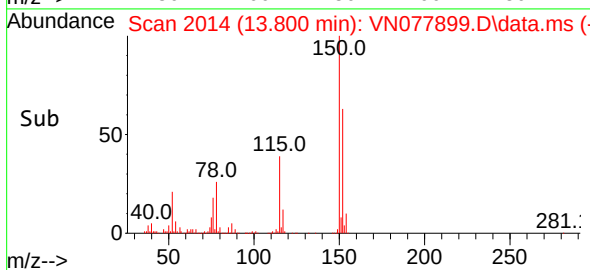
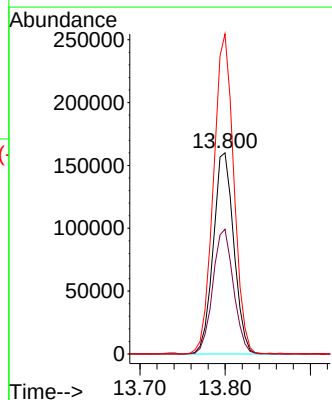
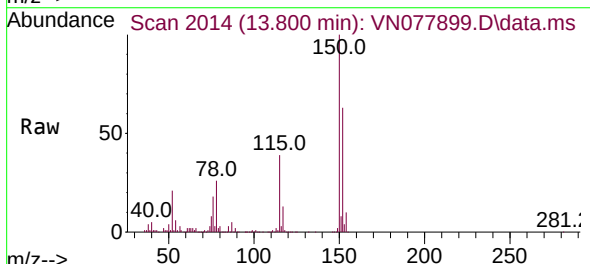
Instrument :
MSVOA_N
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TRE-1729

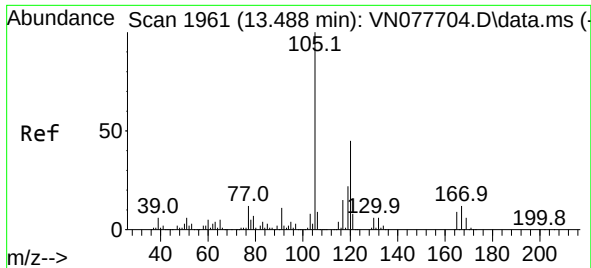
Tgt Ion:117 Resp: 662213
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077899.D
Acq: 25 May 2023 14:03

Tgt Ion:152 Resp: 267749
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 157.5 0.0 355.8

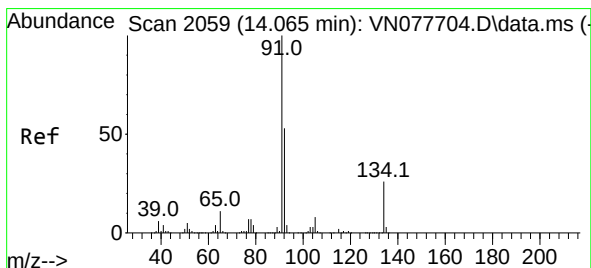
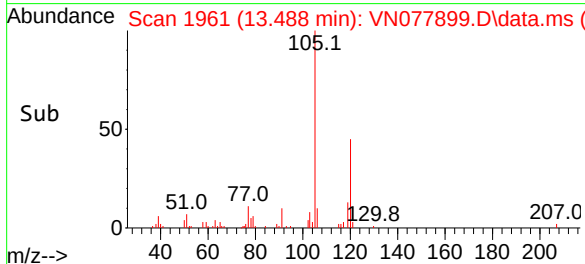
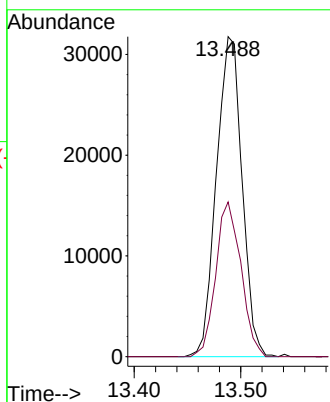
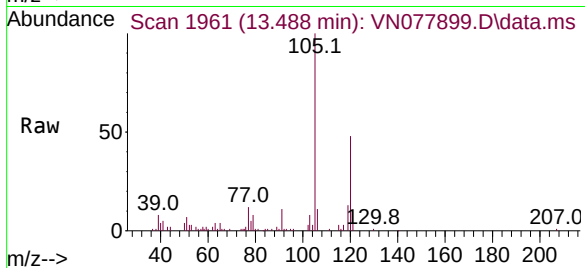




#84
1,2,4-Trimethylbenzene
Concen: 2.780 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077899.D
Acq: 25 May 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :
TRE-1729

Tgt Ion:105 Resp: 53026
Ion Ratio Lower Upper
105 100
120 47.5 22.0 66.0



#89
n-Butylbenzene
Concen: 1.031 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077899.D
Acq: 25 May 2023 14:03

Tgt Ion: 91 Resp: 18200
Ion Ratio Lower Upper
91 100
92 55.9 26.4 79.0
134 0.0 12.6 37.6#

