

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076480.D
 Acq On : 31 Jan 2023 12:11
 Operator : JC\MD
 Sample : 01345-01
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200007

Quant Time: Feb 01 00:47:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

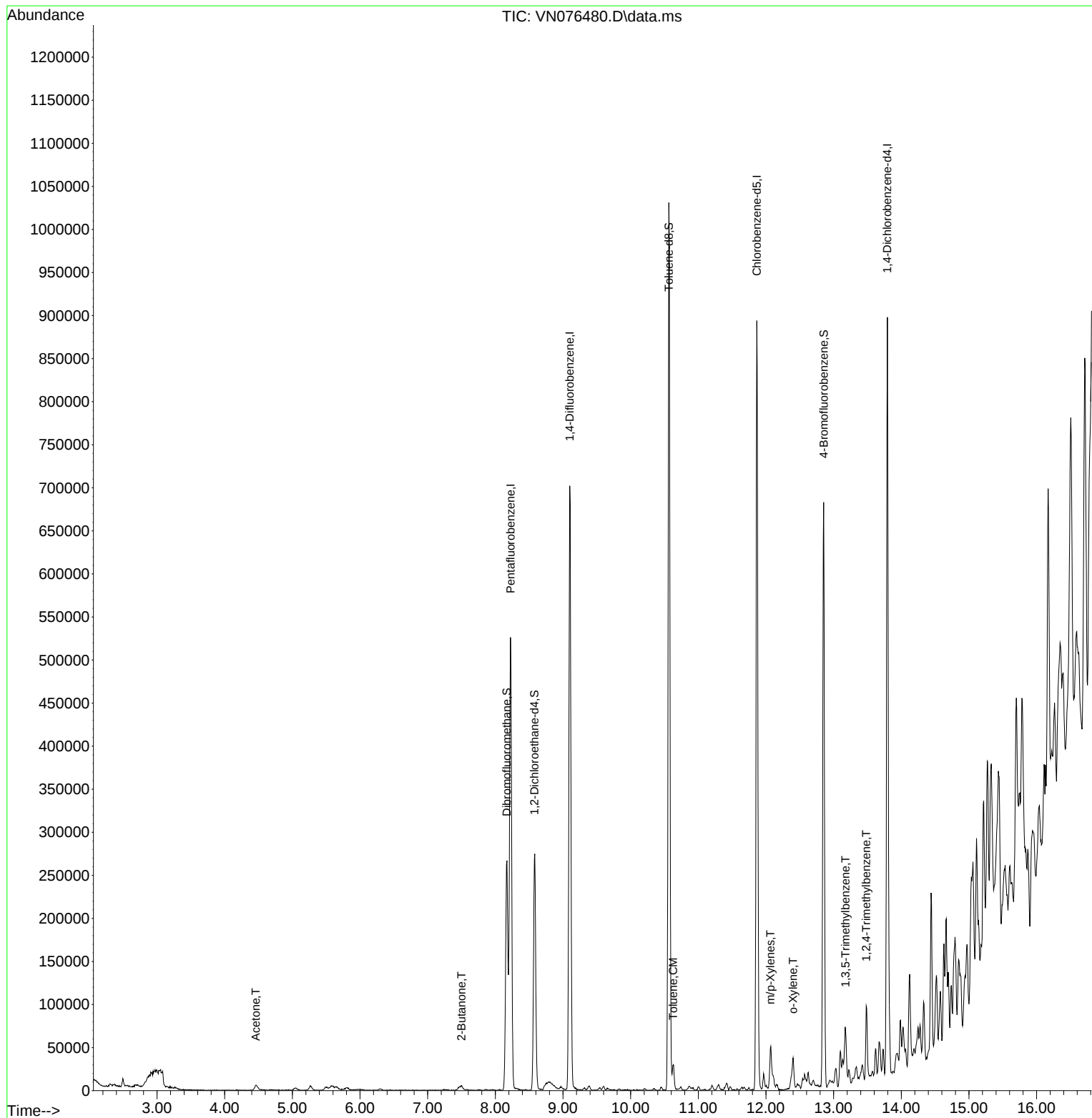
Internal Standards						
1) Pentafluorobenzene	8.224	168	389548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	632736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	533616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229637	52.648	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.300%		
35) Dibromofluoromethane	8.171	113	192707	48.688	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.380%		
50) Toluene-d8	10.565	98	723822	49.518	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.040%		
62) 4-Bromofluorobenzene	12.853	95	234432	49.127	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.260%		
Target Compounds						
						Qvalue
16) Acetone	4.459	43	13509	9.591	ug/l	96
25) 2-Butanone	7.500	43	7244	3.392	ug/l #	79
52) Toluene	10.629	92	12065	1.073	ug/l	100
68) m/p-Xylenes	12.065	106	15066	1.946	ug/l	97
69) o-Xylene	12.400	106	8295	1.091	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	17477	1.128	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	51306	3.304	ug/l	100

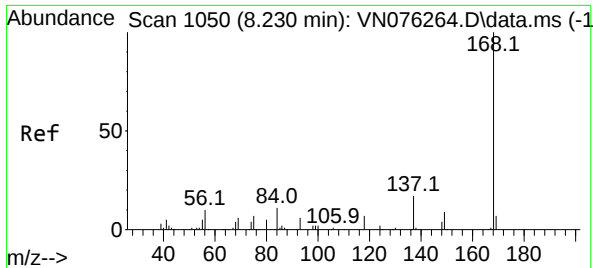
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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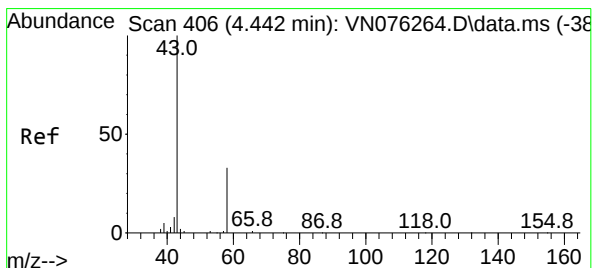
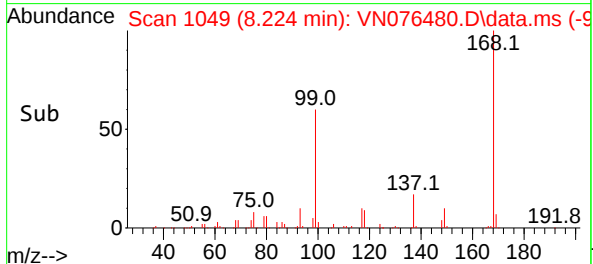
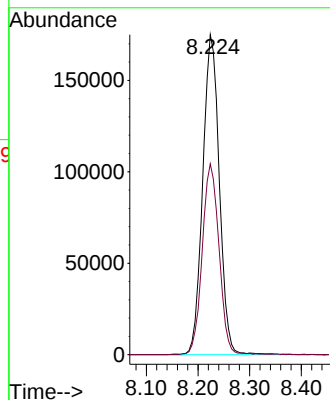
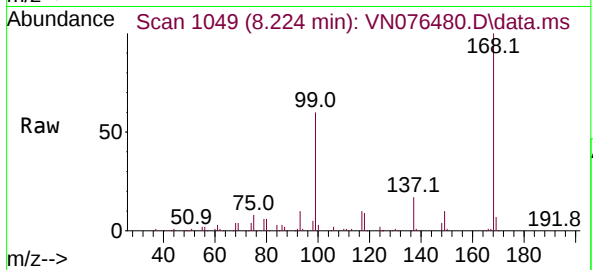




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

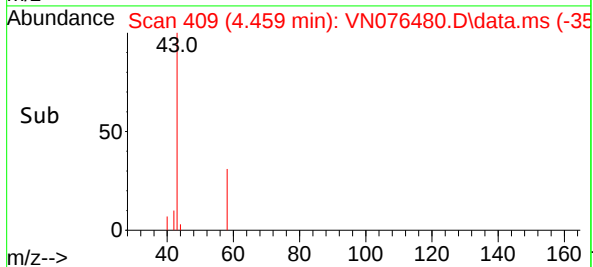
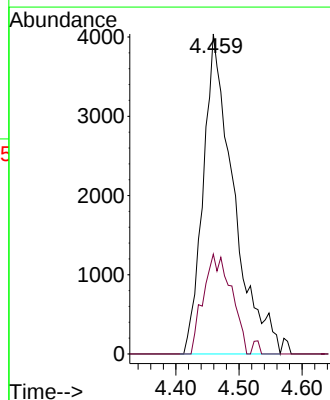
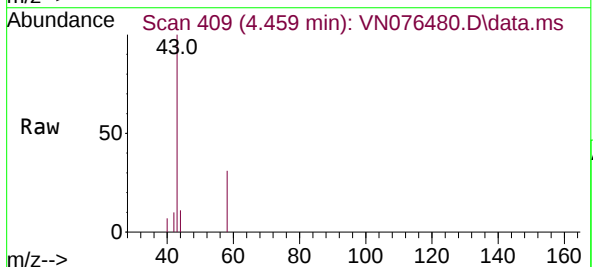
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

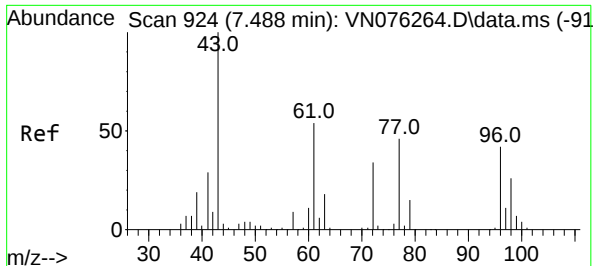
Tgt Ion:168 Resp: 389548
Ion Ratio Lower Upper
168 100
99 59.5 41.6 62.4



#16
Acetone
Concen: 9.591 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 43 Resp: 13509
Ion Ratio Lower Upper
43 100
58 31.2 26.7 40.1





#25

2-Butanone

Concen: 3.392 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

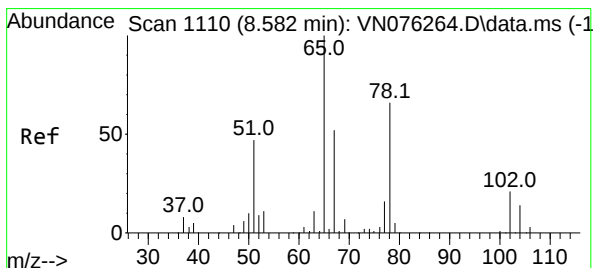
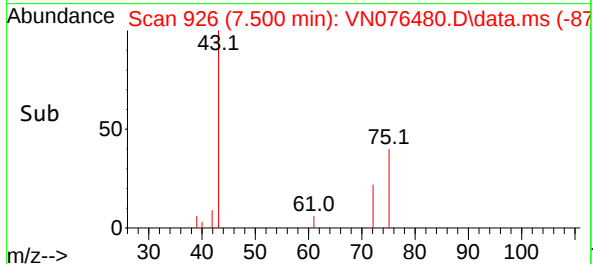
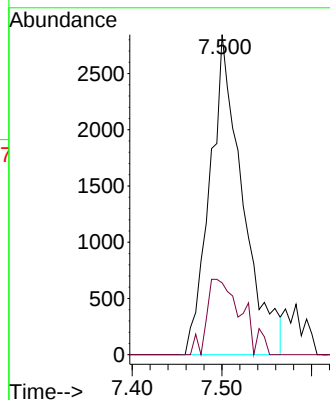
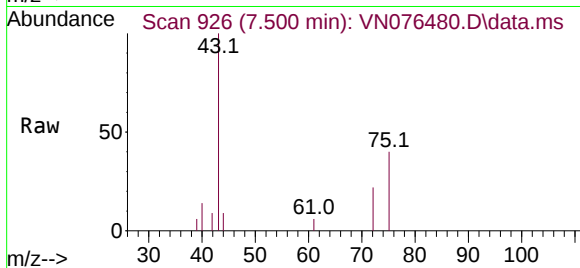
RBR200007

Tgt Ion: 43 Resp: 7244

Ion Ratio Lower Upper

43 100

72 22.5 27.4 41.2#



#33

1,2-Dichloroethane-d4

Concen: 52.648 ug/l

RT: 8.577 min Scan# 1109

Delta R.T. -0.005 min

Lab File: VN076480.D

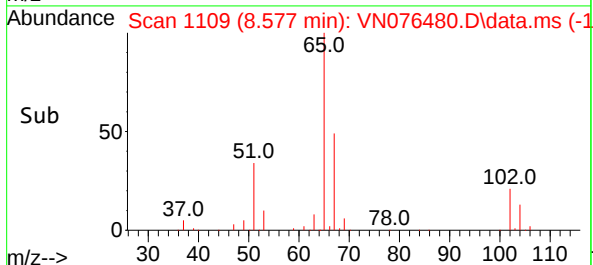
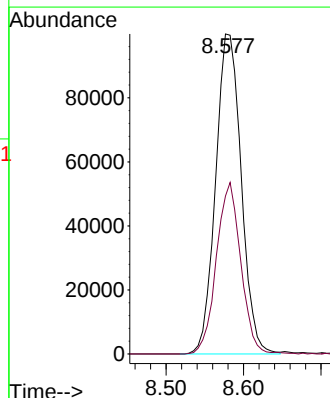
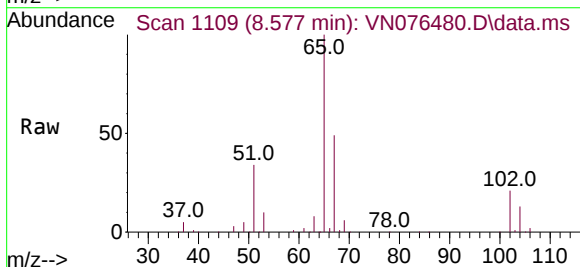
Acq: 31 Jan 2023 12:11

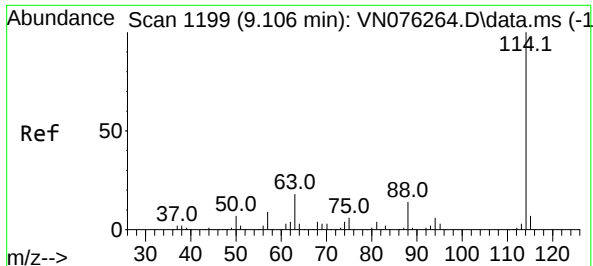
Tgt Ion: 65 Resp: 229637

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

Instrument :

MSVOA_N

ClientSampleId :

RBR200007

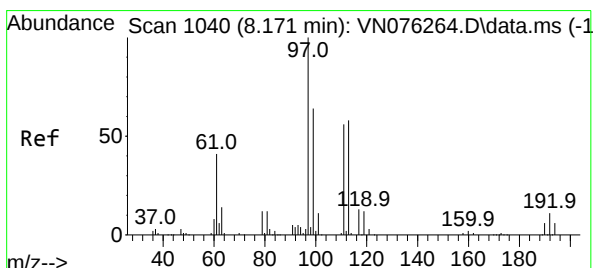
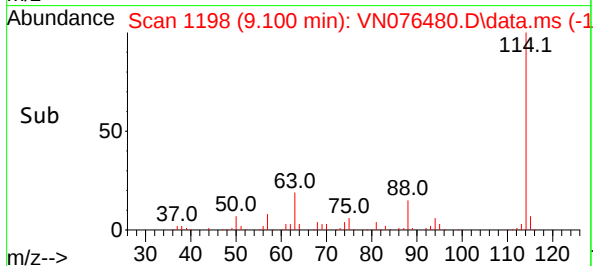
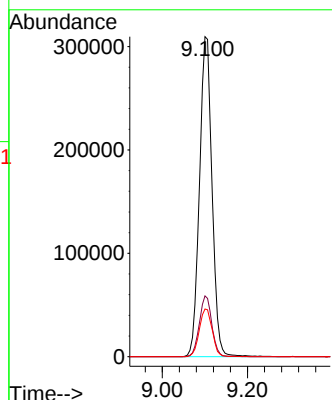
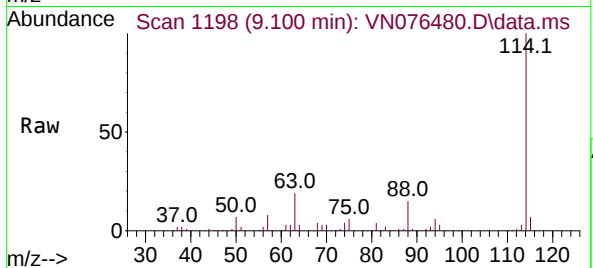
Tgt Ion:114 Resp: 632736

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.8

88 14.9 0.0 28.0



#35

Dibromofluoromethane

Concen: 48.688 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076480.D

Acq: 31 Jan 2023 12:11

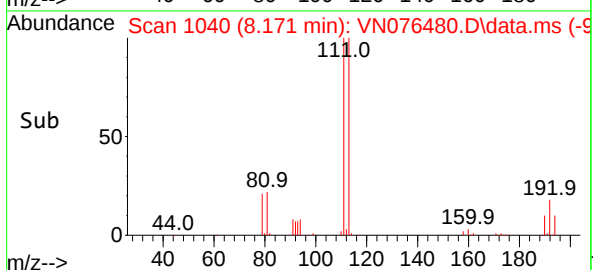
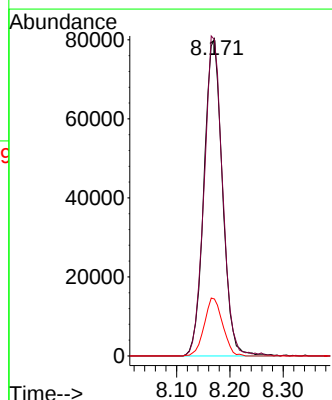
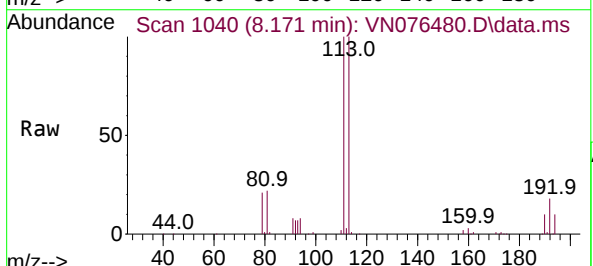
Tgt Ion:113 Resp: 192707

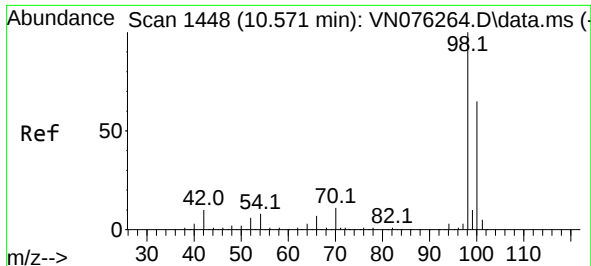
Ion Ratio Lower Upper

113 100

111 100.7 82.7 124.1

192 18.2 15.6 23.4

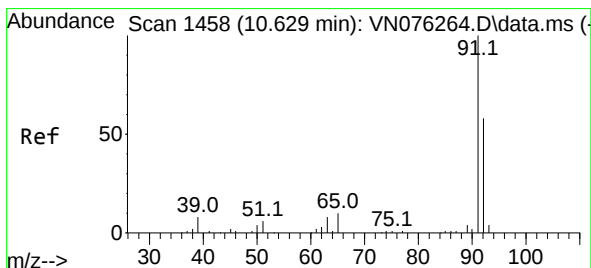
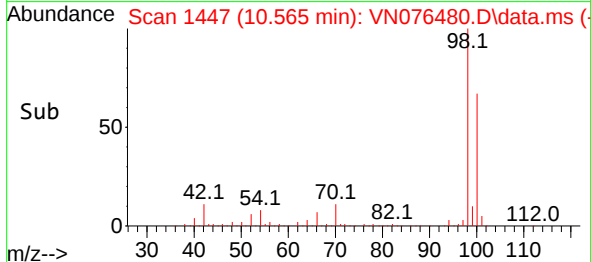
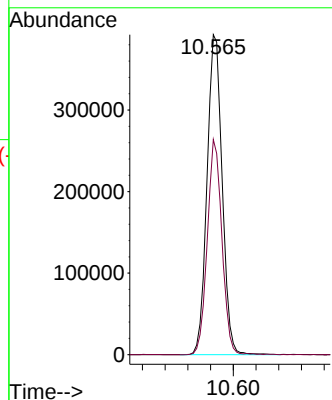
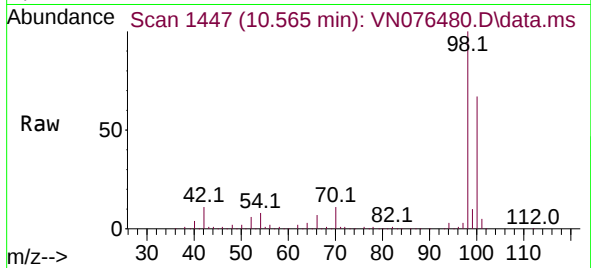




#50
Toluene-d8
Concen: 49.518 ug/l
RT: 10.565 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

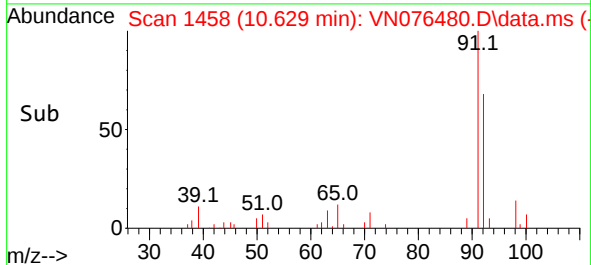
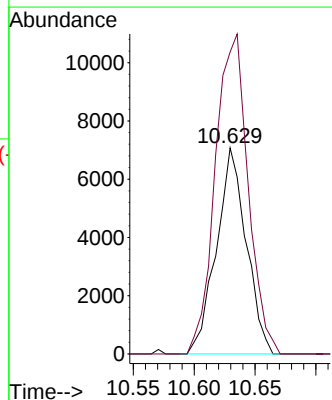
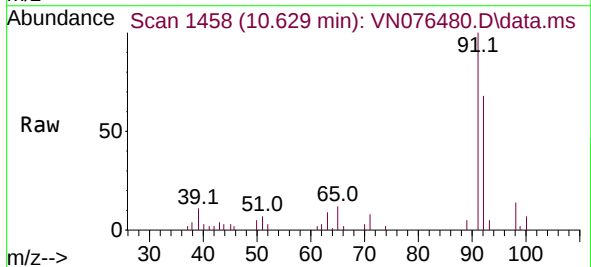
Instrument :
MSVOA_N
ClientSampleId :
RBR200007

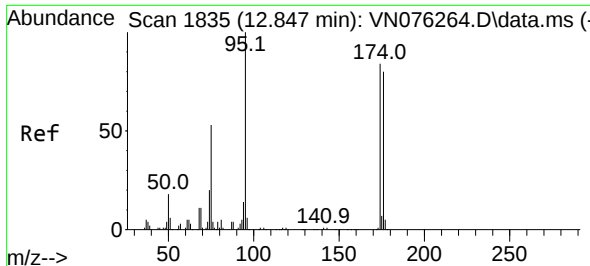
Tgt Ion: 98 Resp: 723822
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4



#52
Toluene
Concen: 1.073 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 92 Resp: 12065
Ion Ratio Lower Upper
92 100
91 170.6 136.6 205.0

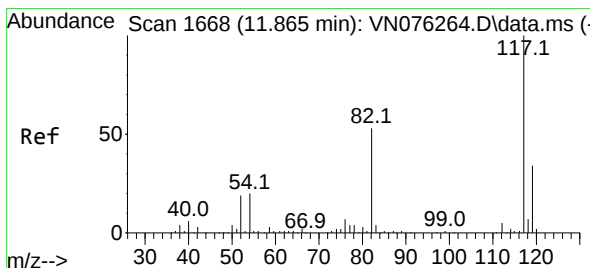
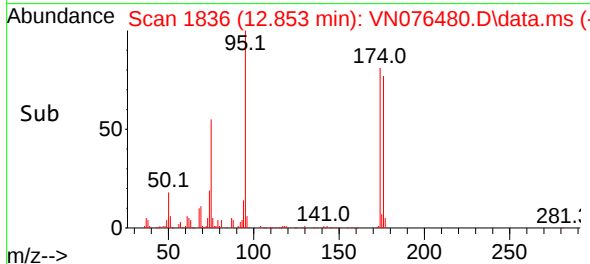
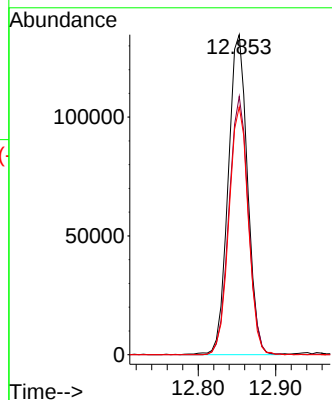
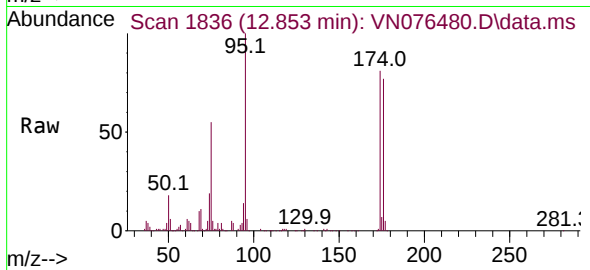




#62
4-Bromofluorobenzene
Concen: 49.127 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

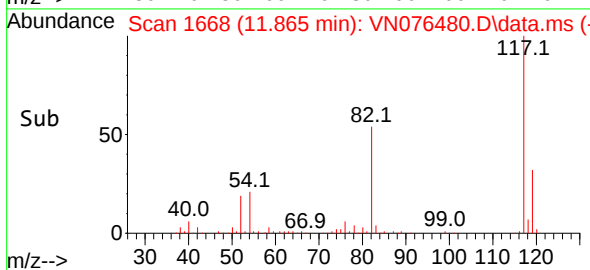
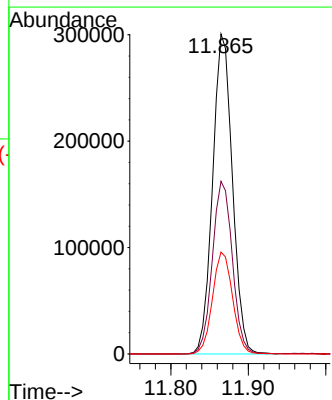
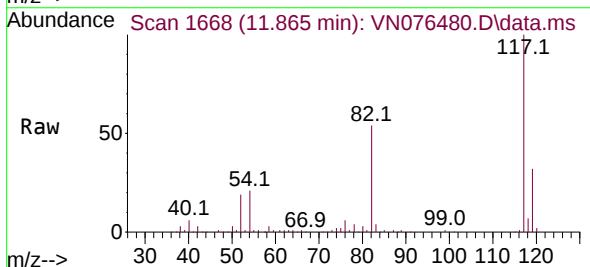
Instrument :
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ClientSampleId :
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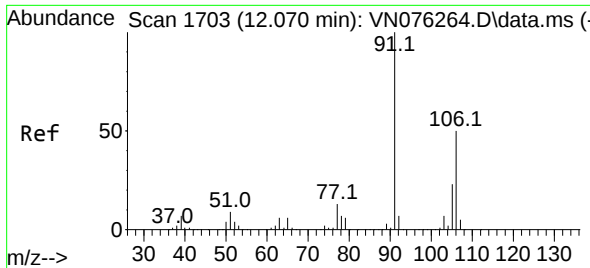
Tgt Ion: 95 Resp: 234432
Ion Ratio Lower Upper
95 100
174 80.5 0.0 174.6
176 77.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion: 117 Resp: 533616
Ion Ratio Lower Upper
117 100
82 53.9 42.2 63.2
119 31.9 26.9 40.3

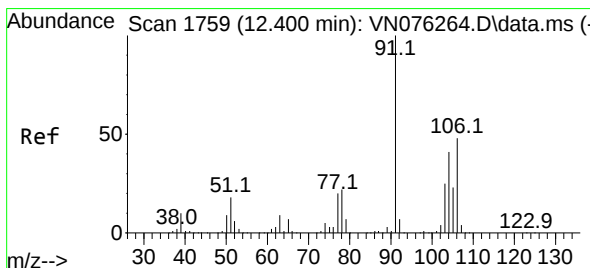
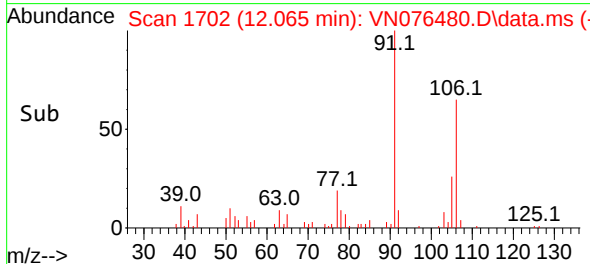
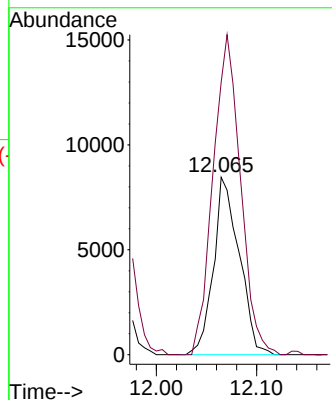
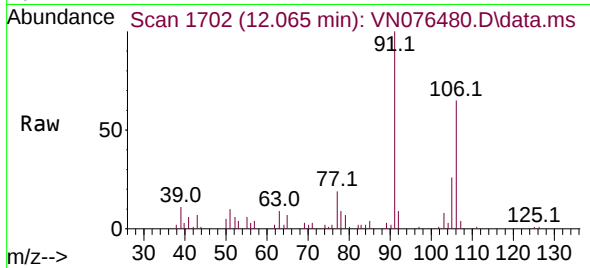




#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

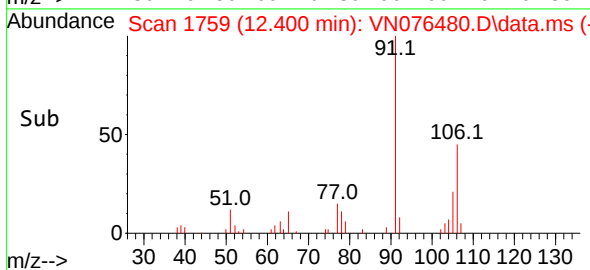
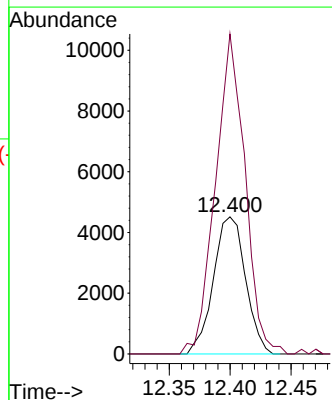
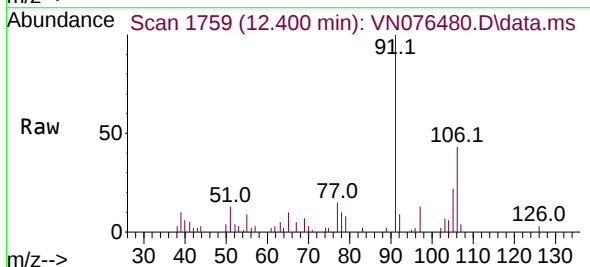
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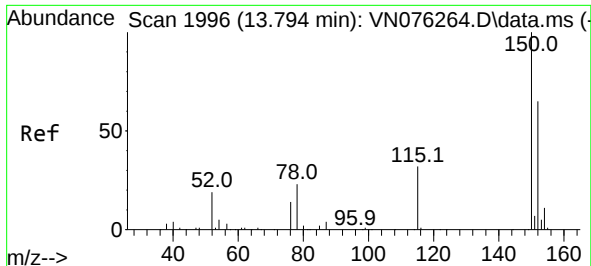
Tgt Ion:106 Resp: 15066
Ion Ratio Lower Upper
106 100
91 192.6 157.5 236.3



#69
o-Xylene
Concen: 1.091 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076480.D
Acq: 31 Jan 2023 12:11

Tgt Ion:106 Resp: 8295
Ion Ratio Lower Upper
106 100
91 214.8 103.2 309.4

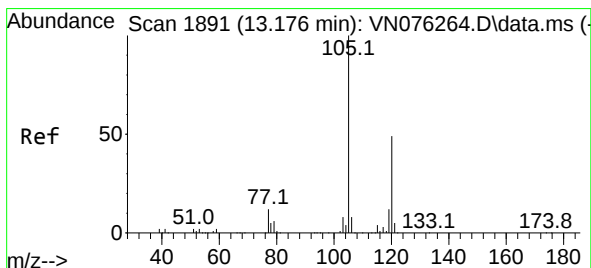
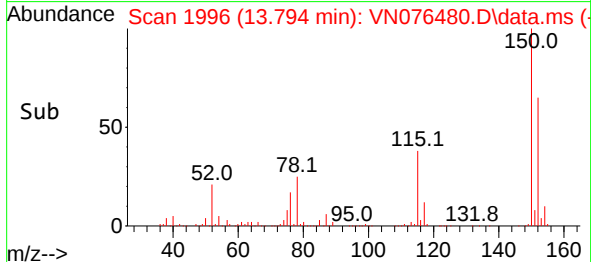
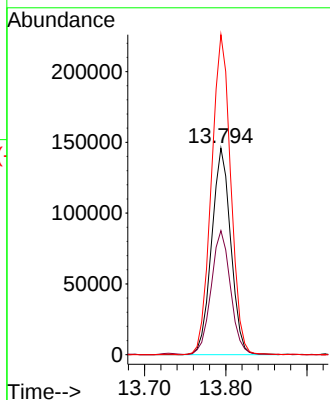
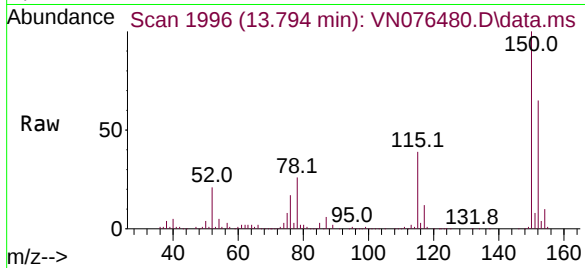




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

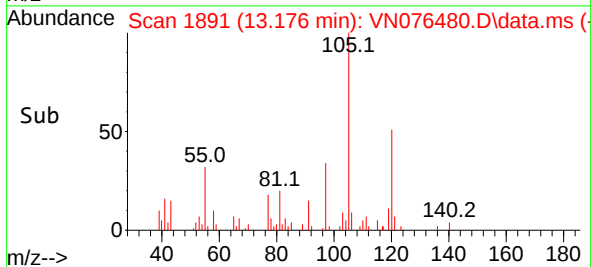
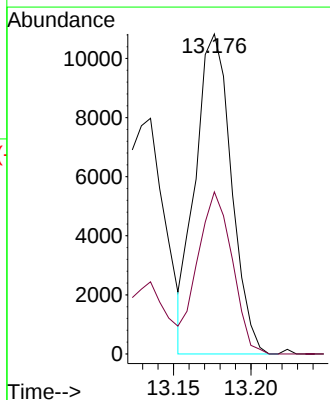
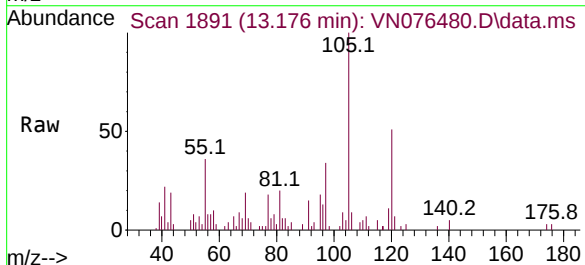
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200007

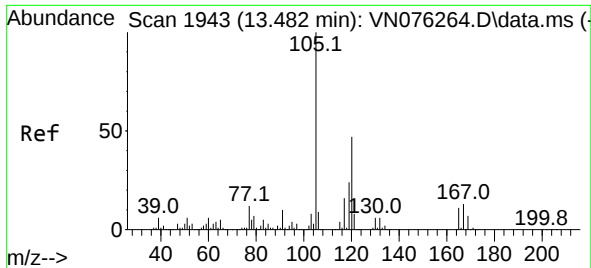
Tgt Ion:152 Resp: 238969
 Ion Ratio Lower Upper
 152 100
 115 60.9 29.6 88.9
 150 156.6 0.0 351.4



#80
 1,3,5-Trimethylbenzene
 Concen: 1.128 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

Tgt Ion:105 Resp: 17477
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.0 75.0





#84
 1,2,4-Trimethylbenzene
 Concen: 3.304 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076480.D
 Acq: 31 Jan 2023 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200007

Tgt Ion:105 Resp: 51306
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5

