

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076283.D
 Acq On : 17 Jan 2023 18:19
 Operator : JC\MD
 Sample : 01190-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-1

Quant Time: Jan 18 00:56:58 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	8.230	168	359338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	491081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193241	48.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.060%
35) Dibromofluoromethane	8.177	113	169989	48.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	10.571	98	645864	49.388	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.853	95	207990	48.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.440%

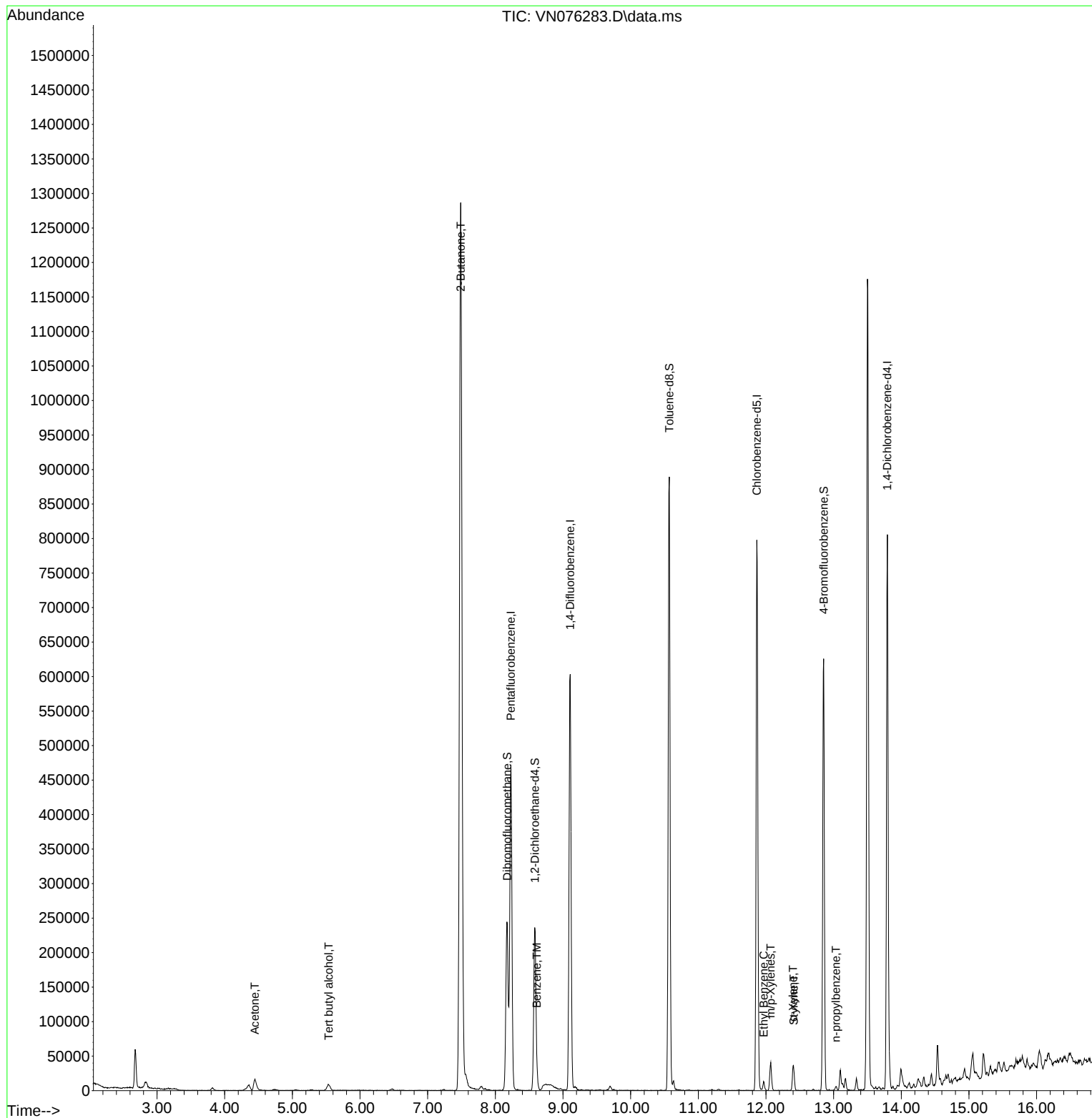
Target Compounds						Qvalue
11) Tert butyl alcohol	5.536	59	15235	28.309	ug/l #	86
16) Acetone	4.448	43	30240	23.379	ug/l	95
25) 2-Butanone	7.489	43	2002215	1016.400	ug/l	97
40) Benzene	8.612	78	16128	1.072	ug/l	97
67) Ethyl Benzene	11.965	91	8979	0.505	ug/l	94
68) m/p-Xylenes	12.071	106	12646	1.775	ug/l	90
69) o-Xylene	12.400	106	7728	1.105	ug/l	97
70) Styrene	12.412	104	10063	0.901	ug/l	98
78) n-propylbenzene	13.035	91	5494	0.282	ug/l	90

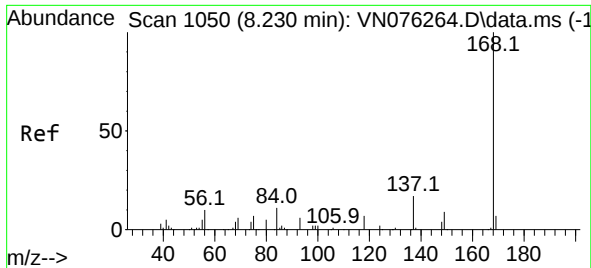
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
Data File : VN076283.D
Acq On : 17 Jan 2023 18:19
Operator : JC\MD
Sample : 01190-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WS-1

Quant Time: Jan 18 00:56:58 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

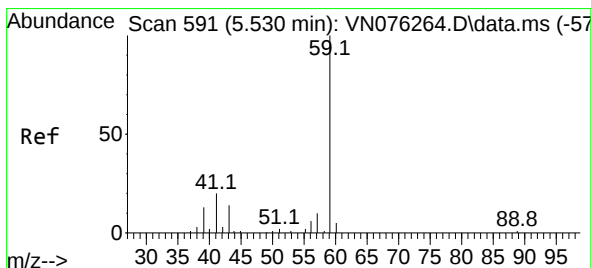
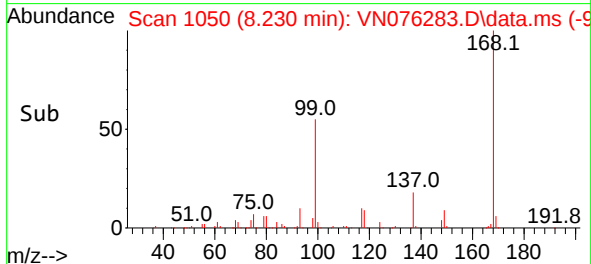
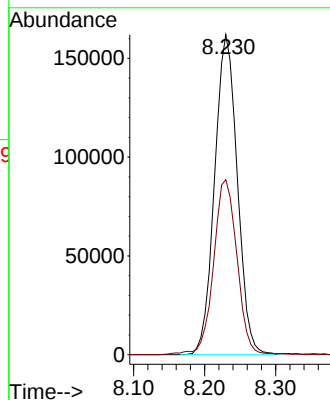
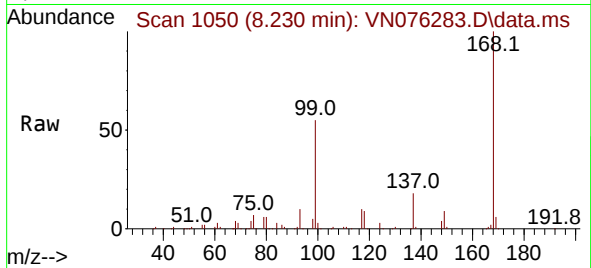




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

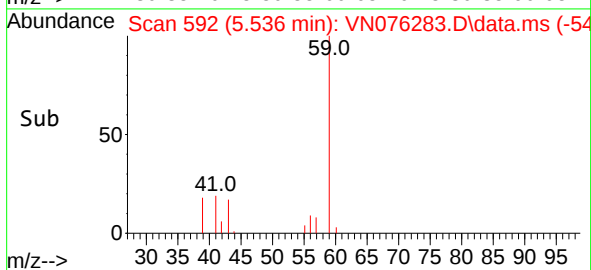
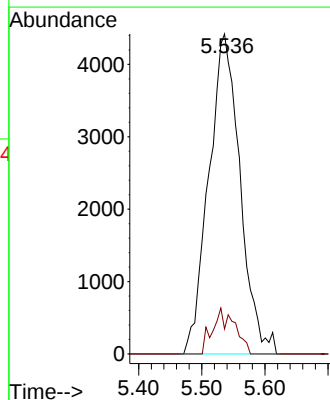
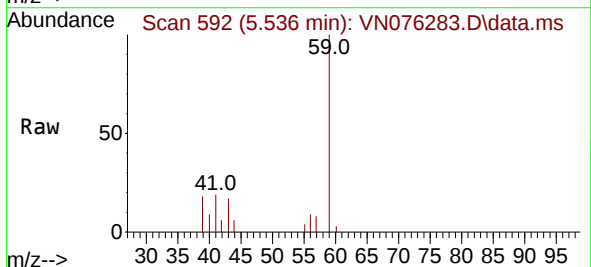
Instrument :
MSVOA_N
ClientSampleId :
WS-1

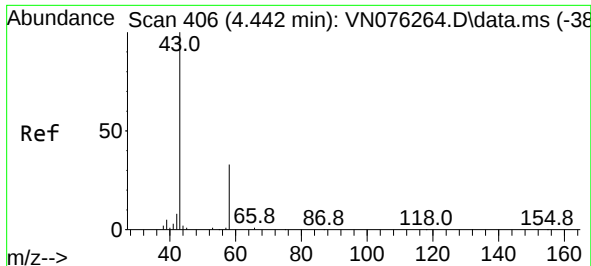
Tgt Ion:168 Resp: 359338
Ion Ratio Lower Upper
168 100
99 54.4 41.6 62.4



#11
Tert butyl alcohol
Concen: 28.309 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.006 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

Tgt Ion: 59 Resp: 15235
Ion Ratio Lower Upper
59 100
57 5.4 8.5 12.7#

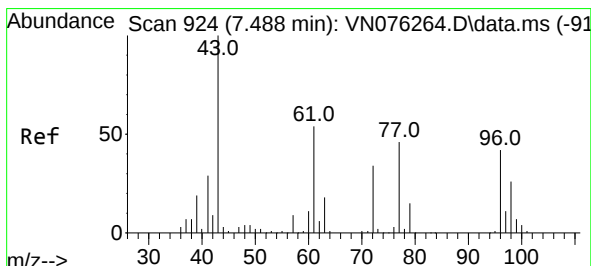
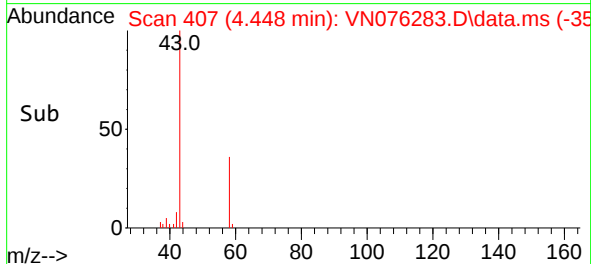
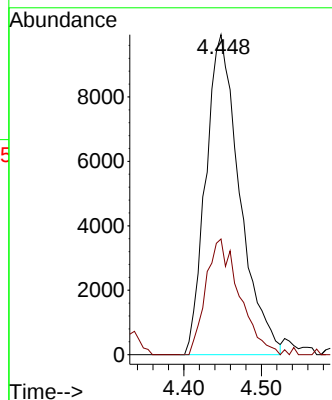
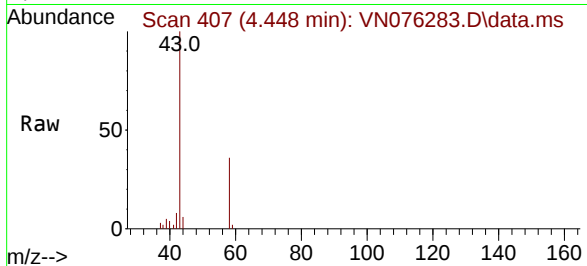




#16
Acetone
Concen: 23.379 ug/l
RT: 4.448 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

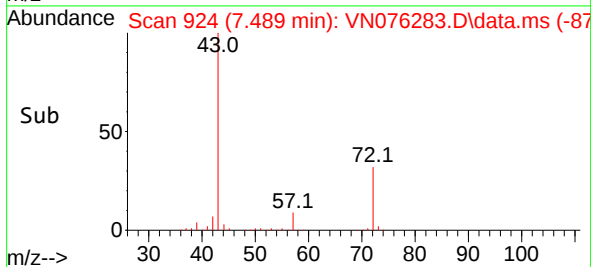
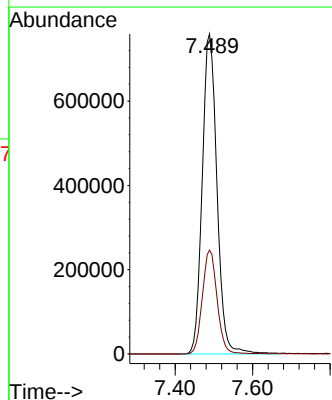
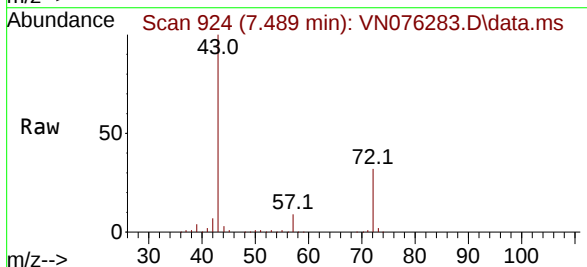
Instrument :
MSVOA_N
ClientSampleId :
WS-1

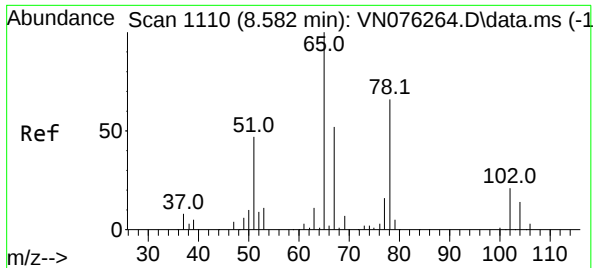
Tgt Ion: 43 Resp: 30240
Ion Ratio Lower Upper
43 100
58 36.1 26.7 40.1



#25
2-Butanone
Concen: 1016.400 ug/l
RT: 7.489 min Scan# 924
Delta R.T. 0.001 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

Tgt Ion: 43 Resp: 2002215
Ion Ratio Lower Upper
43 100
72 32.5 27.4 41.2





#33

1,2-Dichloroethane-d4

Concen: 48.029 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076283.D

Acq: 17 Jan 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

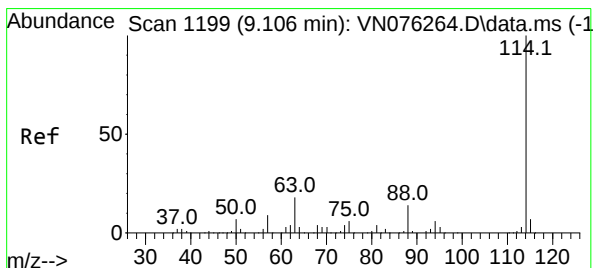
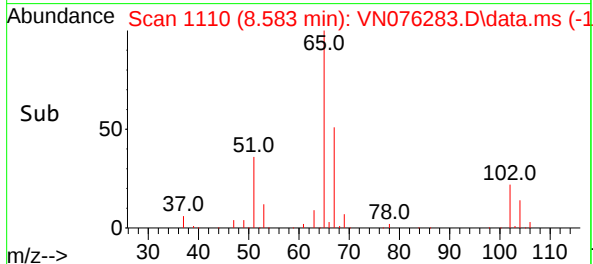
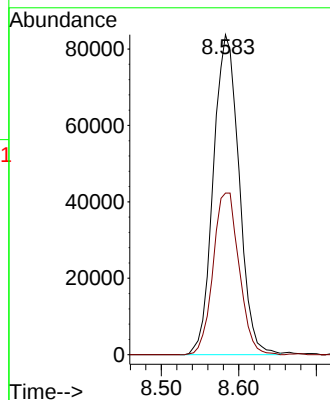
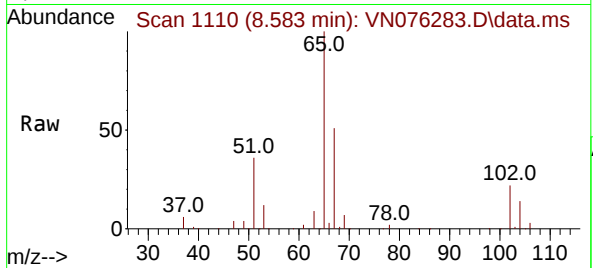
WS-1

Tgt Ion: 65 Resp: 193241

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076283.D

Acq: 17 Jan 2023 18:19

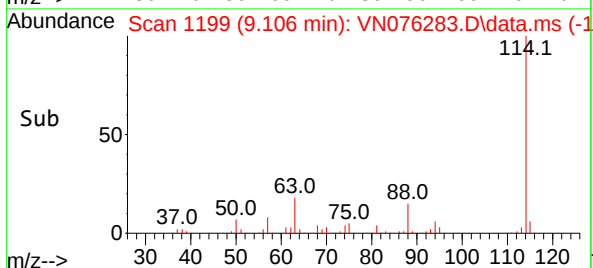
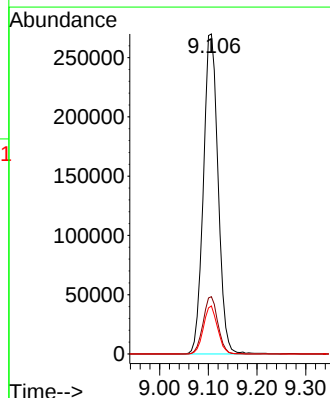
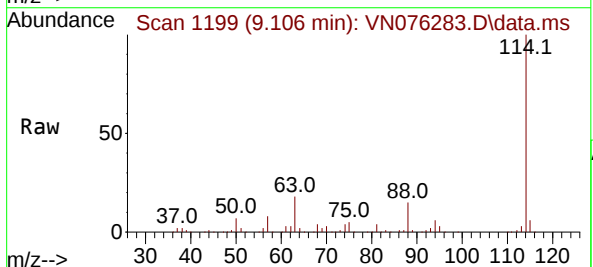
Tgt Ion: 114 Resp: 566068

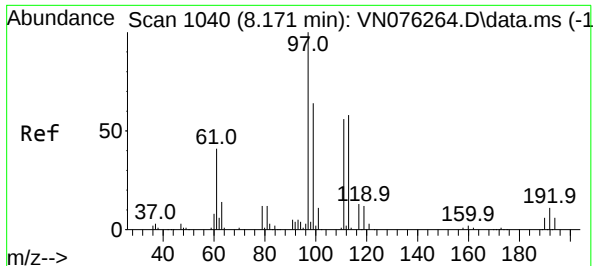
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.8

88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.006 ug/l

RT: 8.177 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VN076283.D

Acq: 17 Jan 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

WS-1

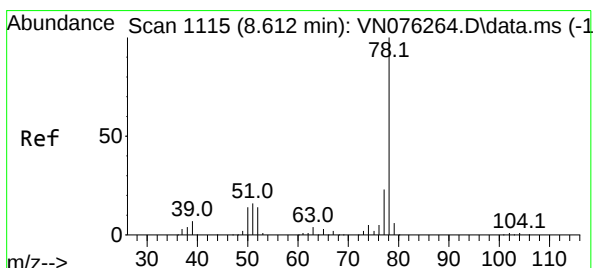
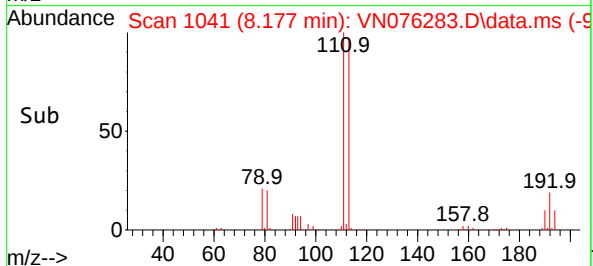
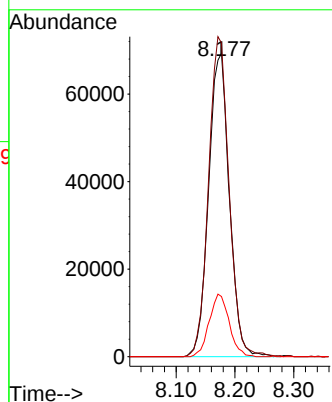
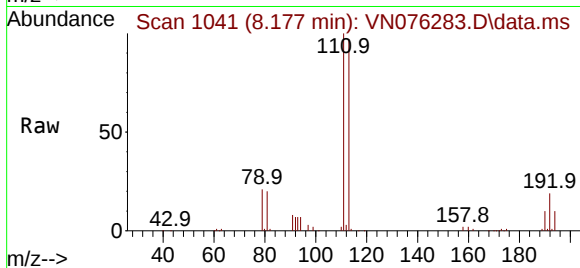
Tgt Ion:113 Resp: 169989

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

192 19.9 15.6 23.4



#40

Benzene

Concen: 1.072 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076283.D

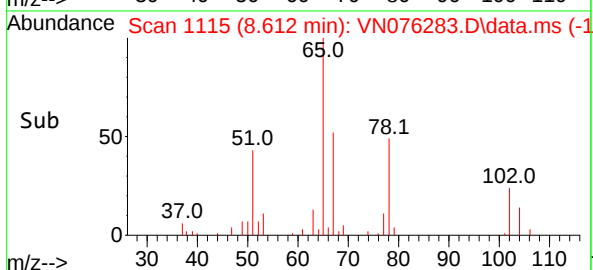
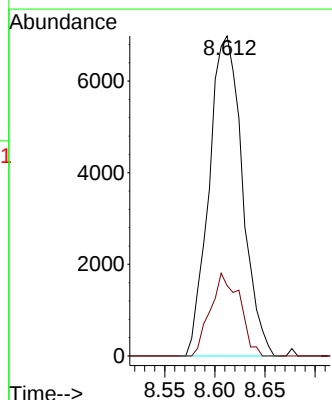
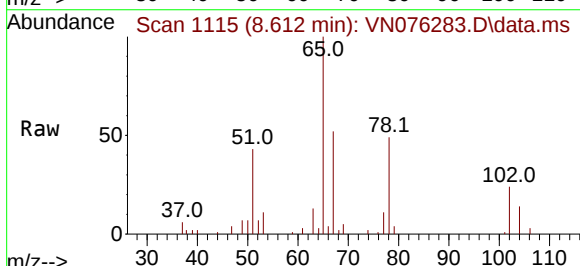
Acq: 17 Jan 2023 18:19

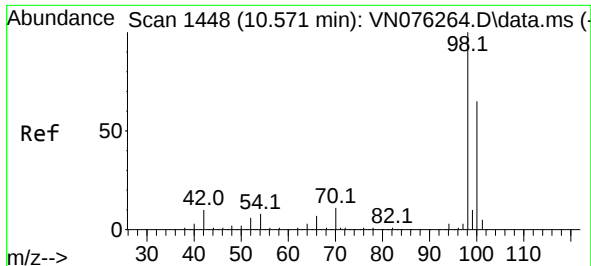
Tgt Ion: 78 Resp: 16128

Ion Ratio Lower Upper

78 100

77 22.0 18.6 28.0

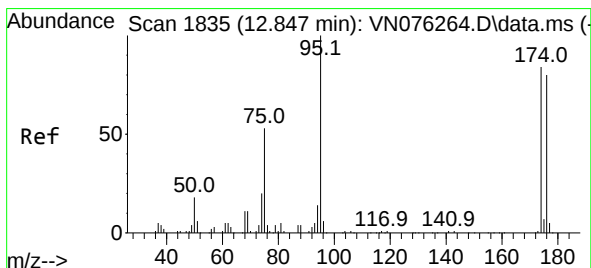
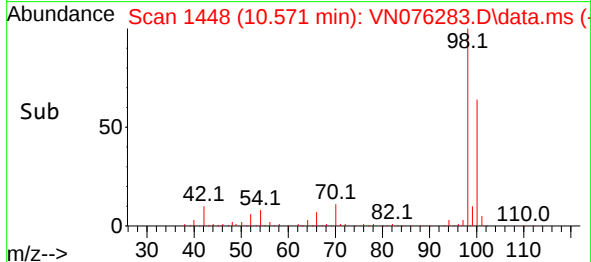
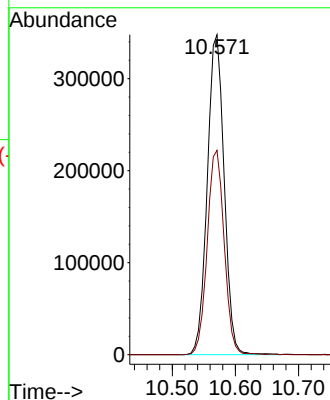
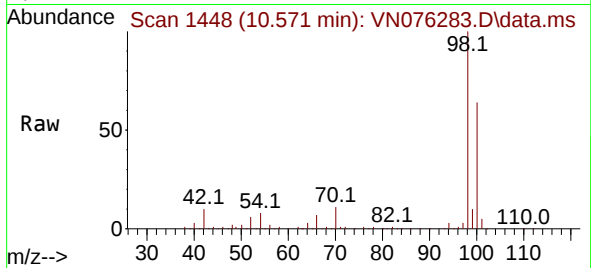




#50
Toluene-d8
Concen: 49.388 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

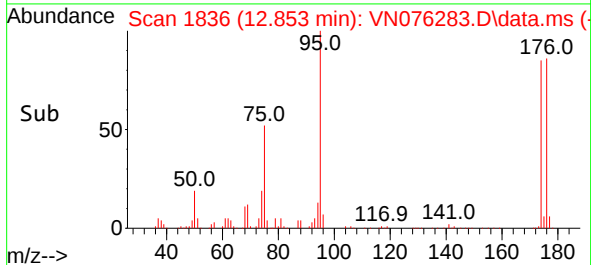
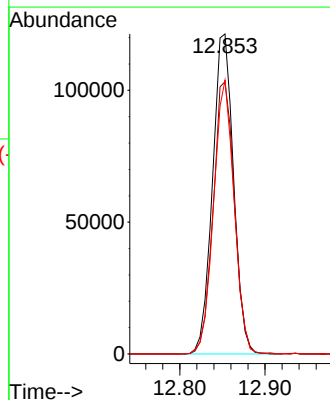
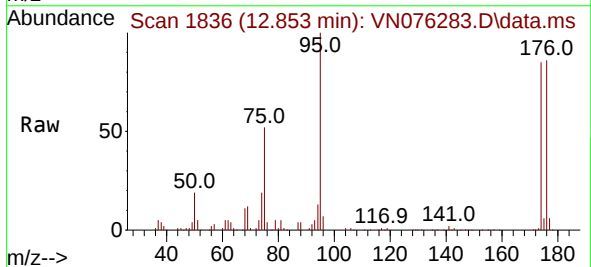
Instrument :
MSVOA_N
ClientSampleId :
WS-1

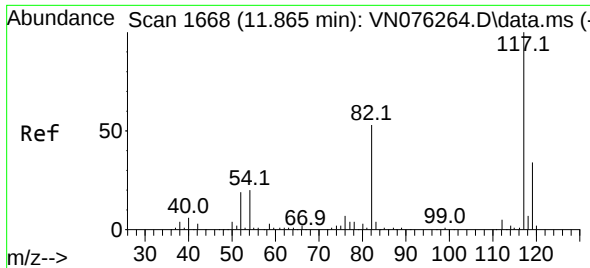
Tgt Ion: 98 Resp: 645864
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.720 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

Tgt Ion: 95 Resp: 207990
Ion Ratio Lower Upper
95 100
174 86.0 0.0 174.6
176 83.1 0.0 167.8

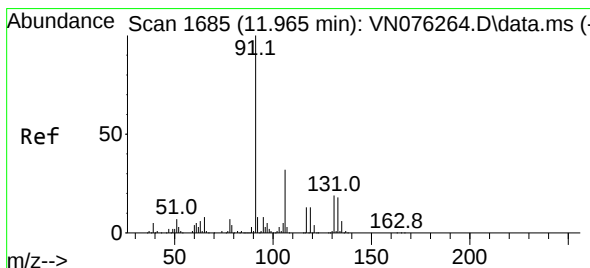
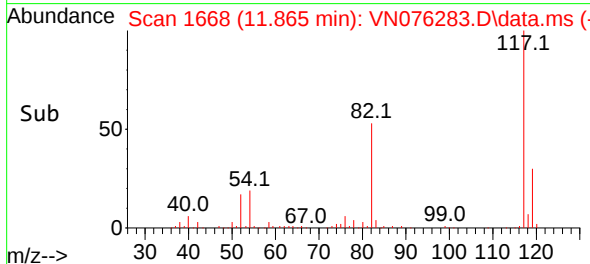
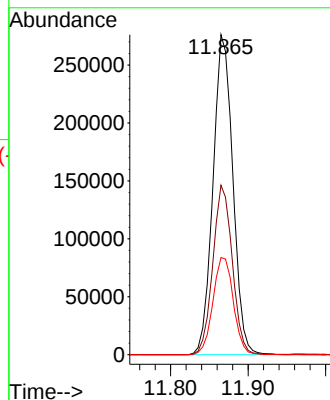
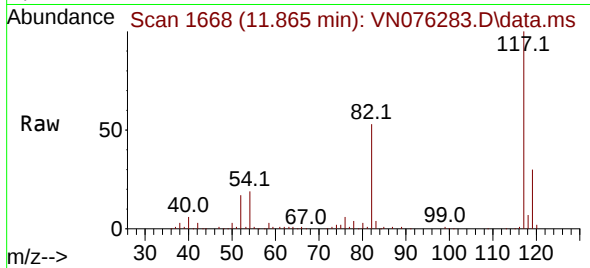




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

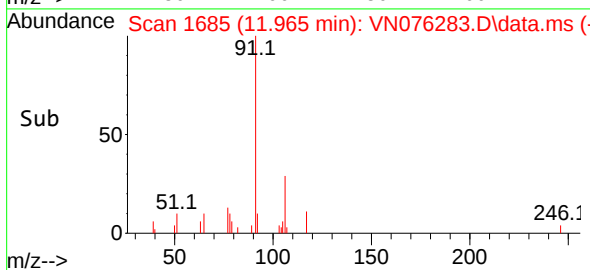
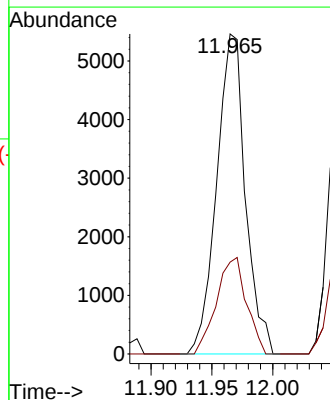
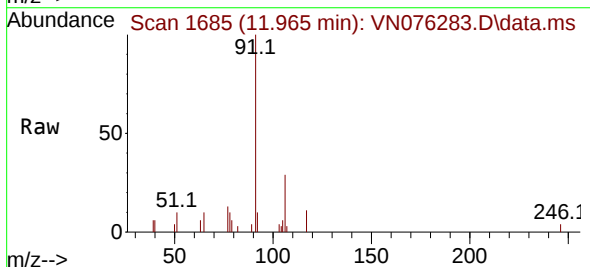
Instrument :
MSVOA_N
ClientSampleId :
WS-1

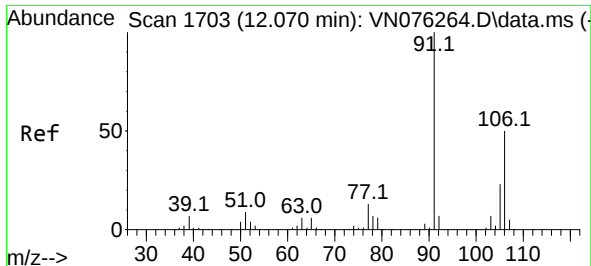
Tgt Ion:117 Resp: 491081
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 30.3 26.9 40.3



#67
Ethyl Benzene
Concen: 0.505 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

Tgt Ion: 91 Resp: 8979
Ion Ratio Lower Upper
91 100
106 28.7 25.5 38.3

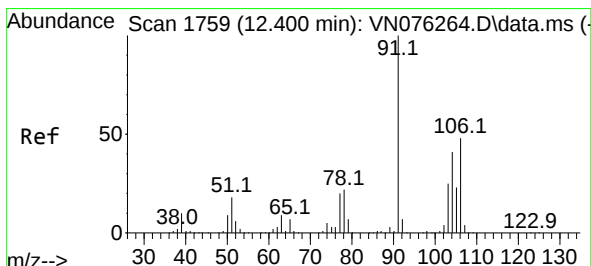
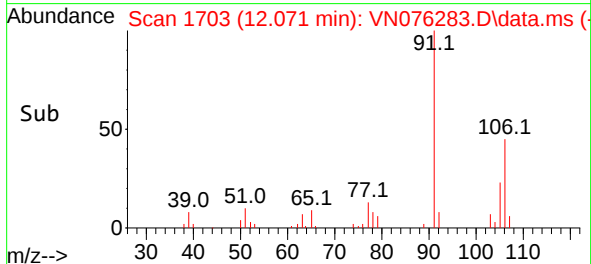
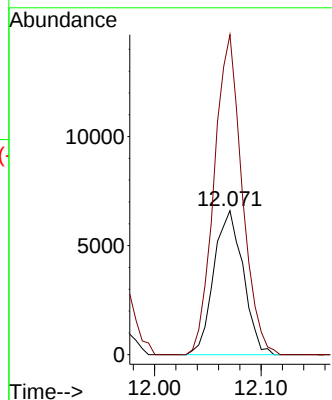
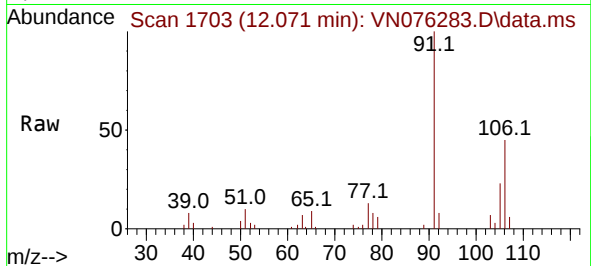




#68
m/p-Xylenes
Concen: 1.775 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

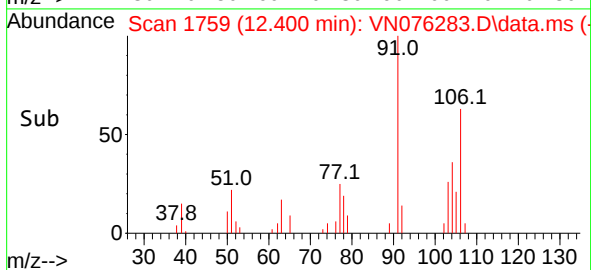
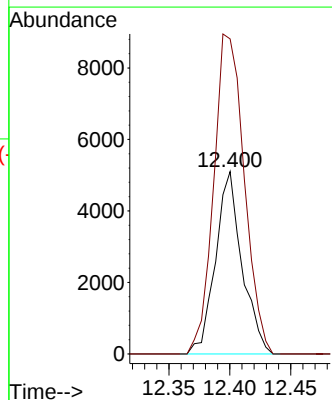
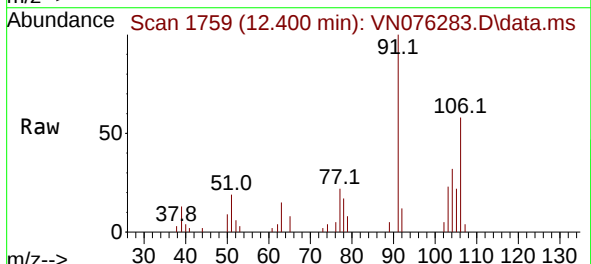
Instrument :
MSVOA_N
ClientSampleId :
WS-1

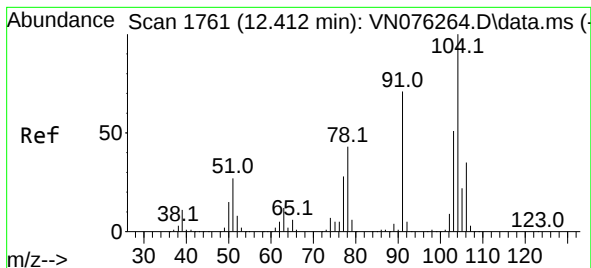
Tgt Ion:106 Resp: 12646
Ion Ratio Lower Upper
106 100
91 211.4 157.5 236.3



#69
o-Xylene
Concen: 1.105 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076283.D
Acq: 17 Jan 2023 18:19

Tgt Ion:106 Resp: 7728
Ion Ratio Lower Upper
106 100
91 202.0 103.2 309.4





#70

Styrene

Concen: 0.901 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076283.D

Acq: 17 Jan 2023 18:19

Instrument :

MSVOA_N

ClientSampleId :

WS-1

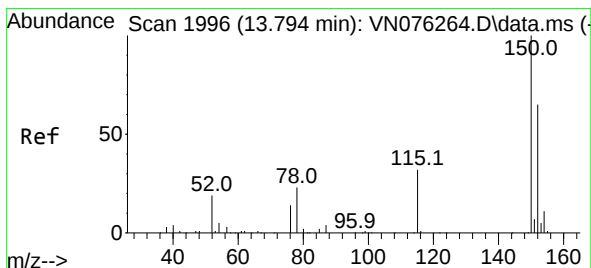
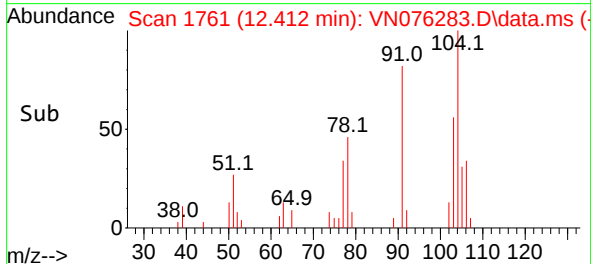
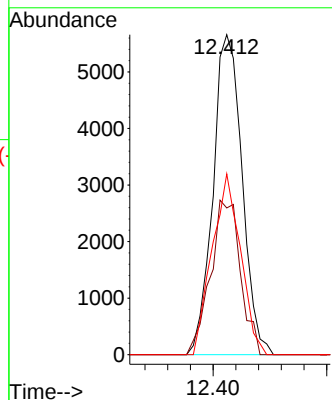
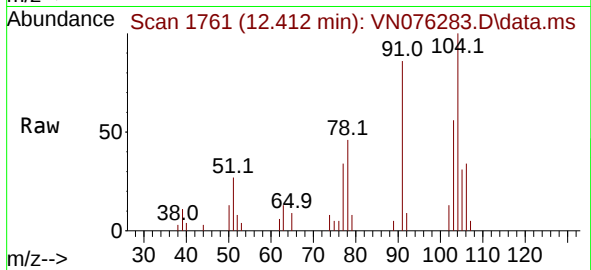
Tgt Ion:104 Resp: 10063

Ion Ratio Lower Upper

104 100

78 49.7 37.4 56.0

103 55.5 44.2 66.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076283.D

Acq: 17 Jan 2023 18:19

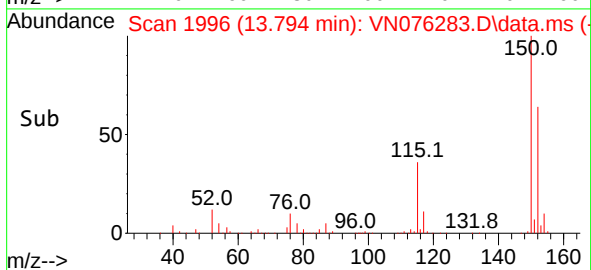
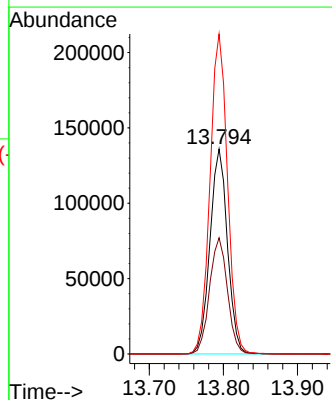
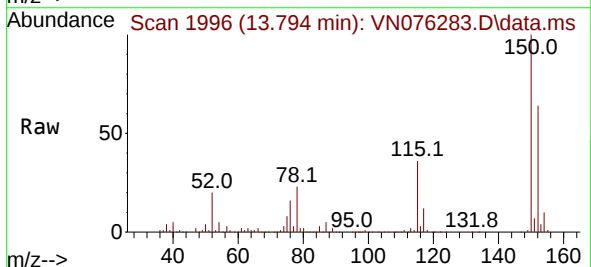
Tgt Ion:152 Resp: 223155

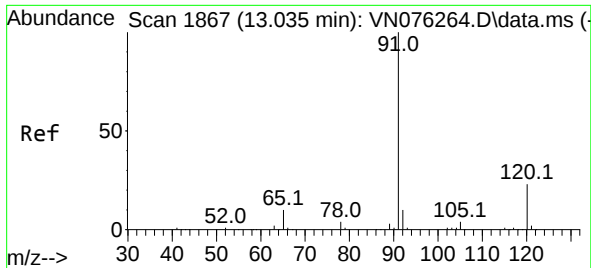
Ion Ratio Lower Upper

152 100

115 57.9 29.6 88.9

150 155.7 0.0 351.4





#78
 n-propylbenzene
 Concen: 0.282 ug/l
 RT: 13.035 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN076283.D
 Acq: 17 Jan 2023 18:19

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-1

Tgt Ion: 91 Resp: 5494
 Ion Ratio Lower Upper
 91 100
 120 18.6 11.9 35.5

