

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076052.D
 Acq On : 29 Dec 2022 16:30
 Operator : JC\MD
 Sample : N6213-02DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2DL

Quant Time: Dec 30 05:35:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

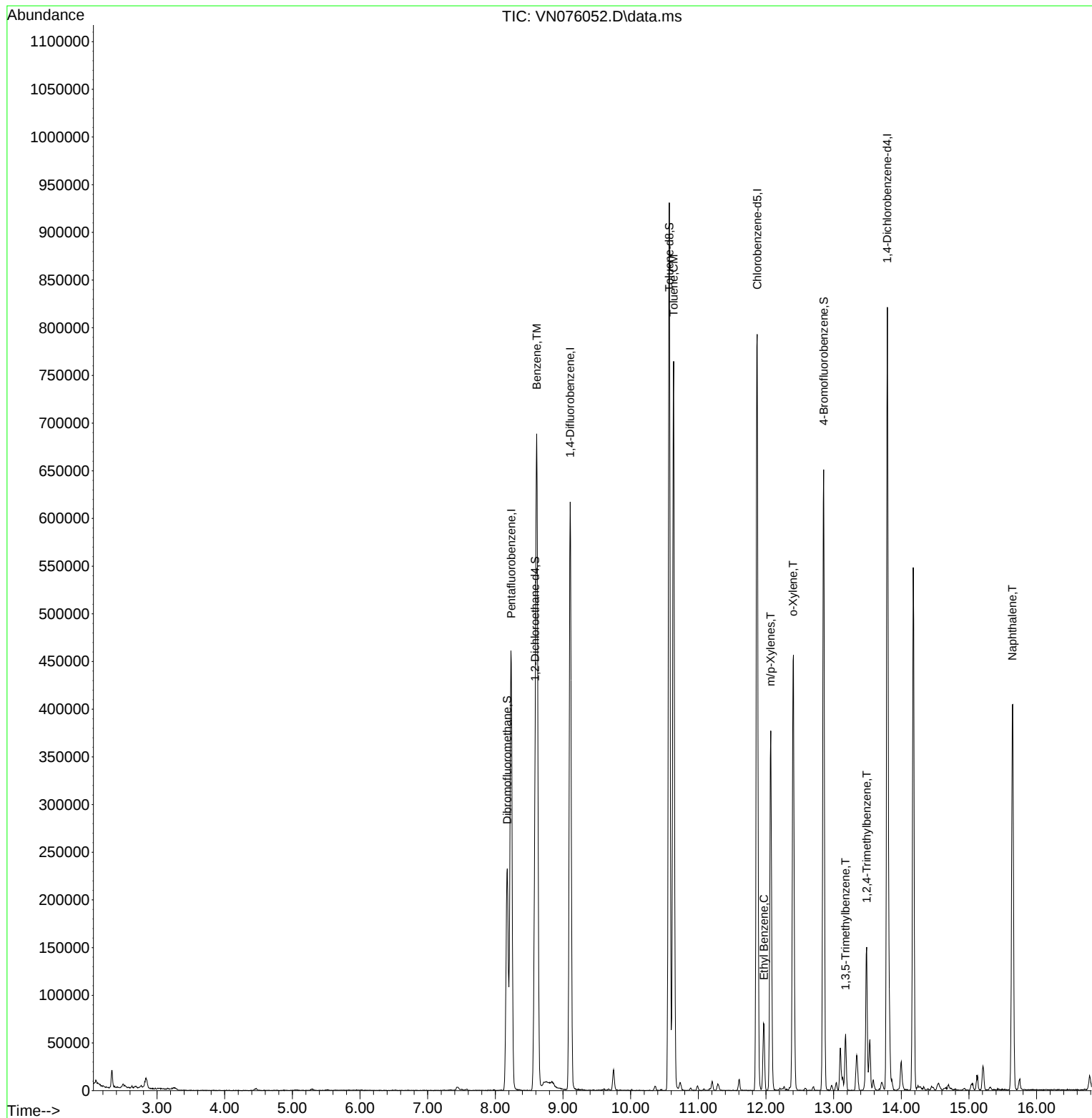
Internal Standards						
1) Pentafluorobenzene	8.235	168	366997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	500119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	229111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	182584	45.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.460%
35) Dibromofluoromethane	8.177	113	169789	47.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	10.571	98	660355	49.258	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.853	95	215124	48.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.900%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	691146	47.031	ug/l	100
52) Toluene	10.635	92	355946	37.190	ug/l	100
67) Ethyl Benzene	11.971	91	54037	3.119	ug/l	97
68) m/p-Xylenes	12.070	106	125656	18.325	ug/l	98
69) o-Xylene	12.400	106	126138	18.589	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	32275	2.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	88247	6.420	ug/l	100
95) Naphthalene	15.641	128	405157	33.256	ug/l	100

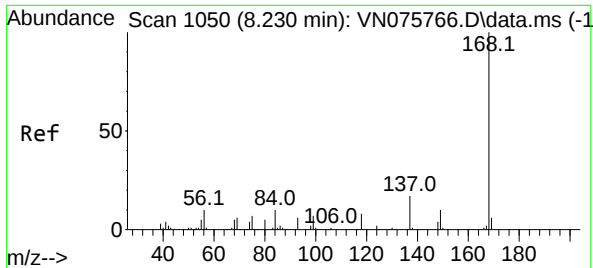
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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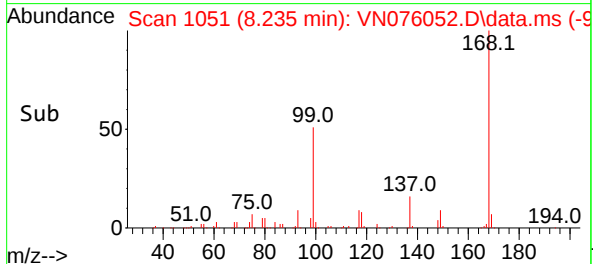
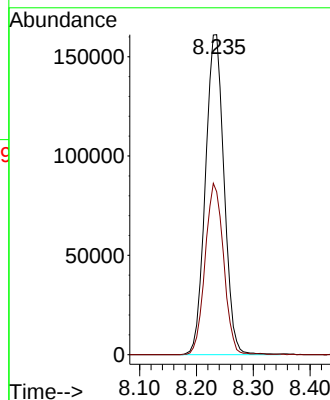
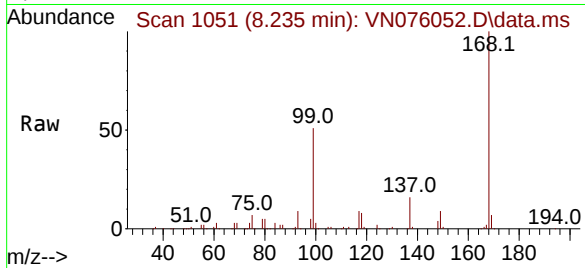




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

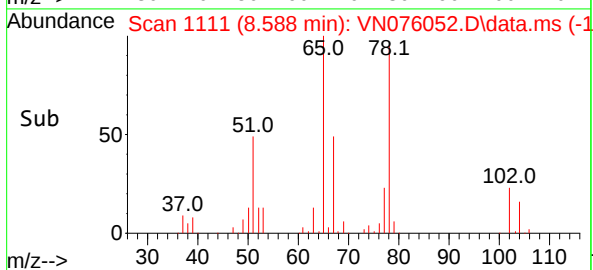
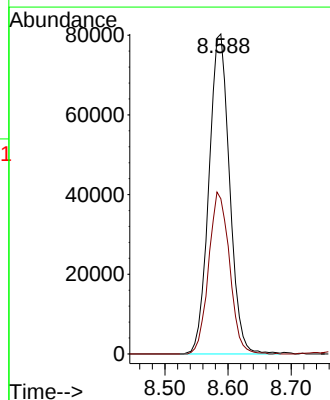
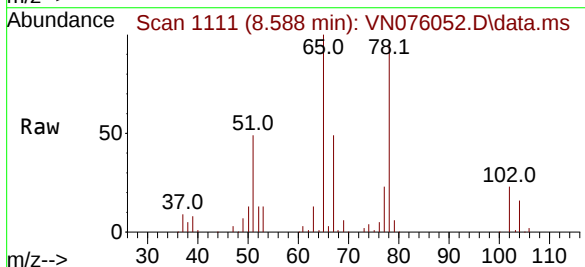
Instrument :
MSVOA_N
ClientSampleId :
SB-2DL

Tgt Ion:168 Resp: 366997
Ion Ratio Lower Upper
168 100
99 50.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.731 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

Tgt Ion: 65 Resp: 182584
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076052.D

Acq: 29 Dec 2022 16:30

Instrument :

MSVOA_N

ClientSampleId :

SB-2DL

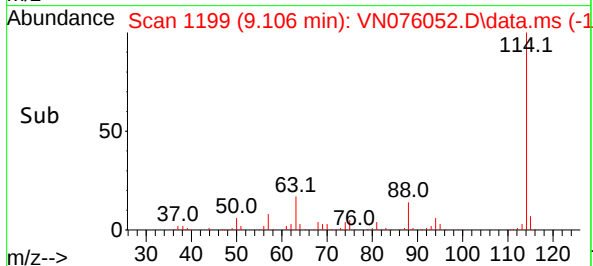
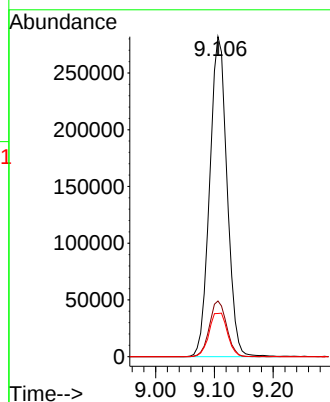
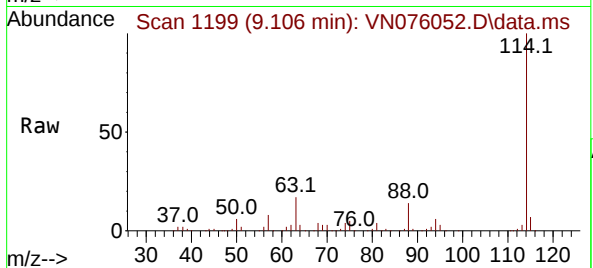
Tgt Ion:114 Resp: 578980

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 13.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.354 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076052.D

Acq: 29 Dec 2022 16:30

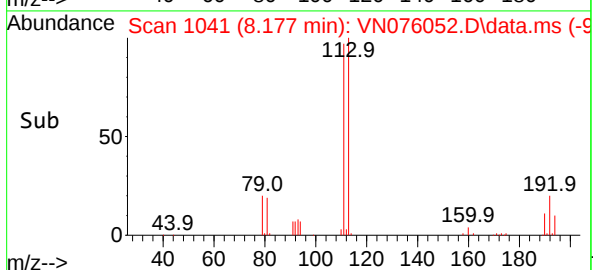
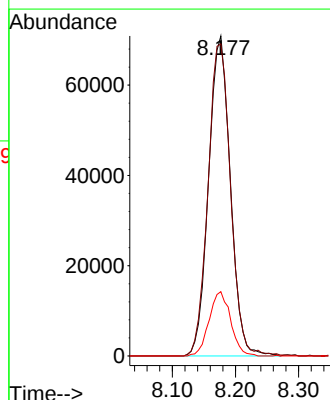
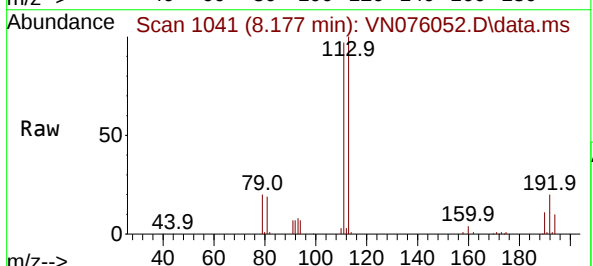
Tgt Ion:113 Resp: 169789

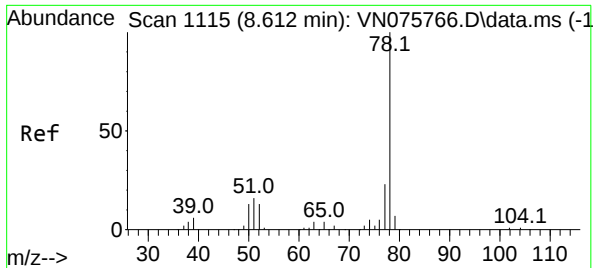
Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

192 19.9 16.1 24.1

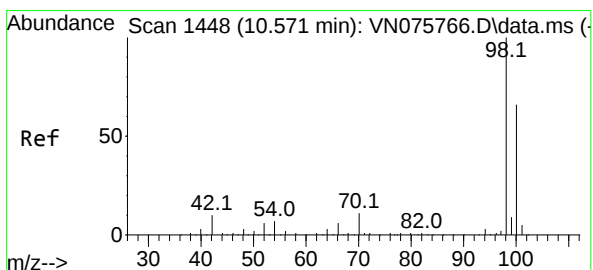
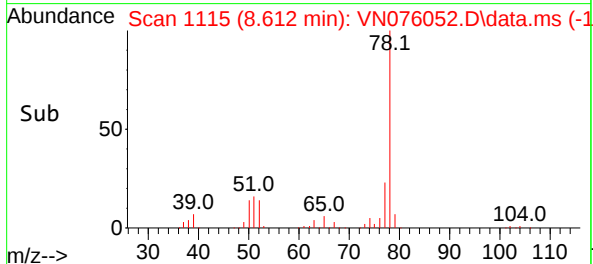
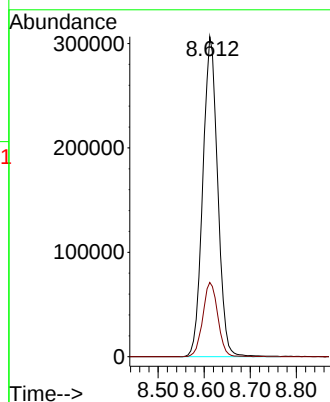
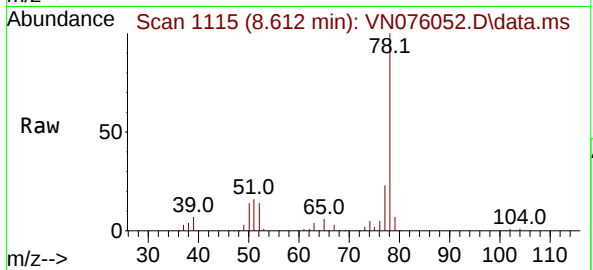




#40
Benzene
Concen: 47.031 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

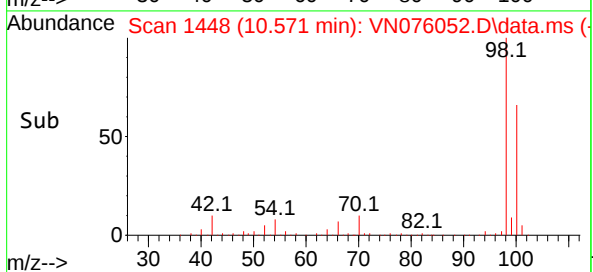
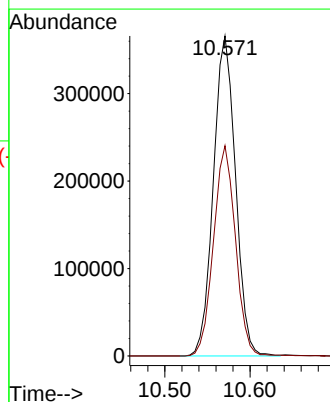
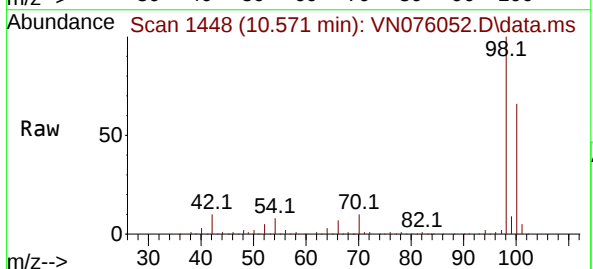
Instrument :
MSVOA_N
ClientSampleId :
SB-2DL

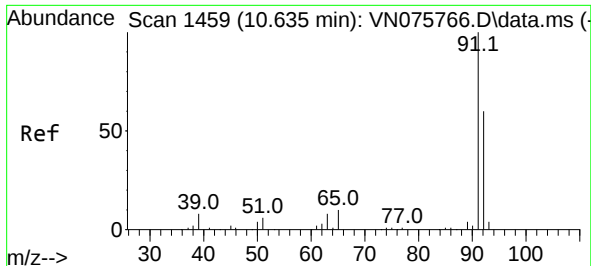
Tgt Ion: 78 Resp: 691146
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7



#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

Tgt Ion: 98 Resp: 660355
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

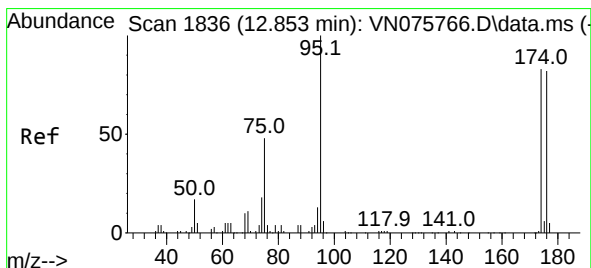
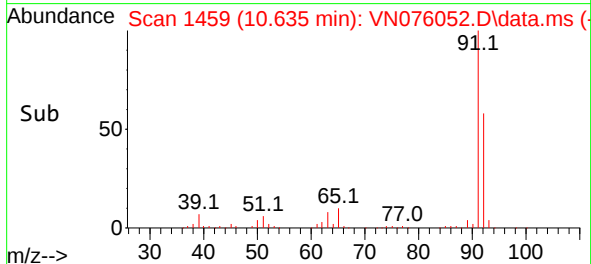
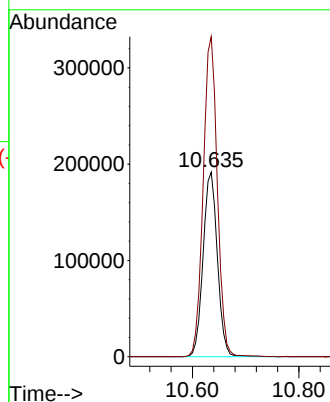
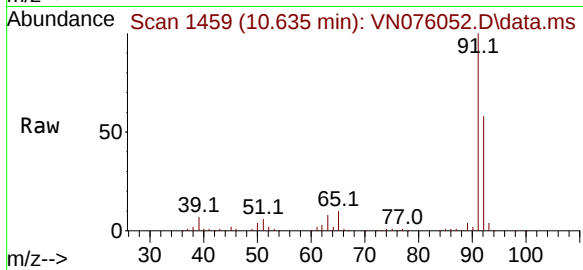




#52
Toluene
Concen: 37.190 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

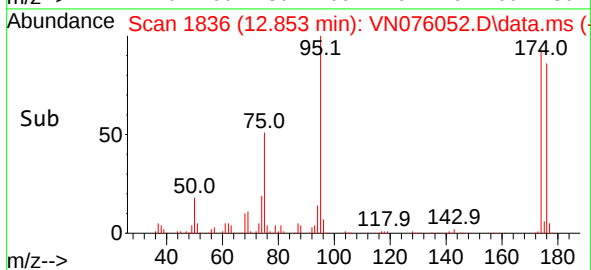
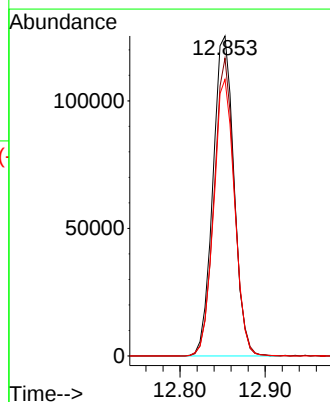
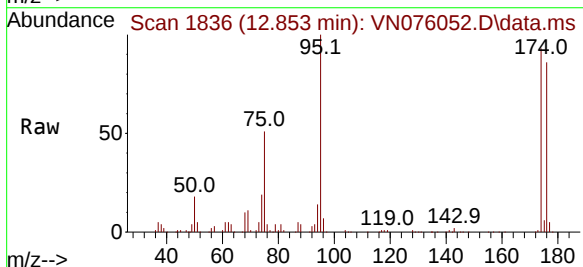
Instrument :
MSVOA_N
ClientSampleId :
SB-2DL

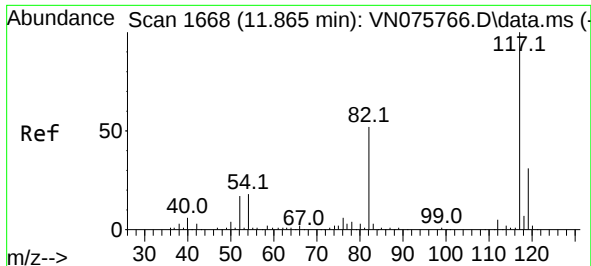
Tgt Ion: 92 Resp: 355946
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 48.449 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

Tgt Ion: 95 Resp: 215124
Ion Ratio Lower Upper
95 100
174 89.7 0.0 171.6
176 86.0 0.0 169.2

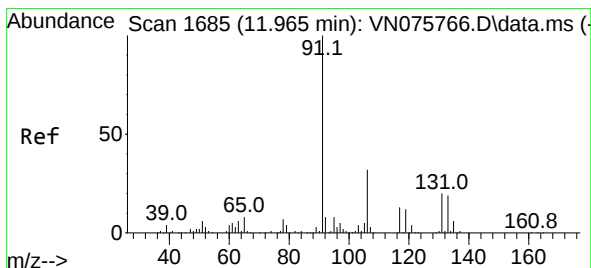
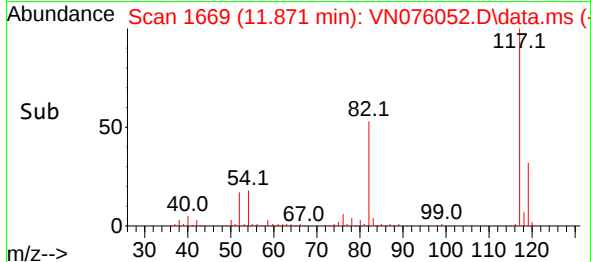
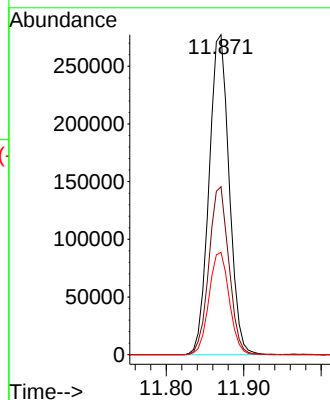
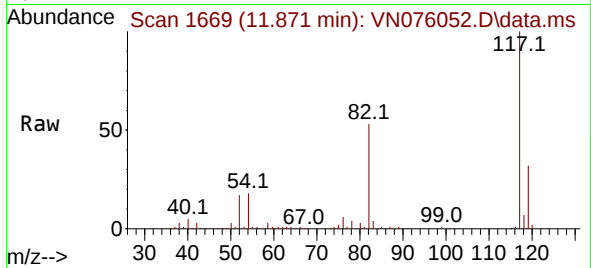




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

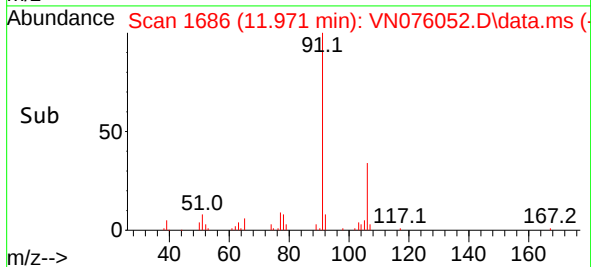
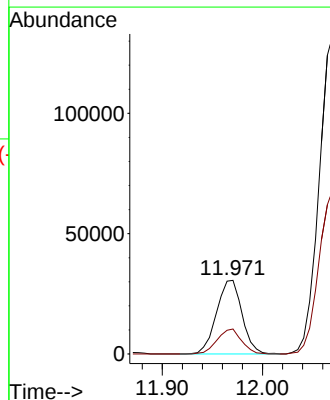
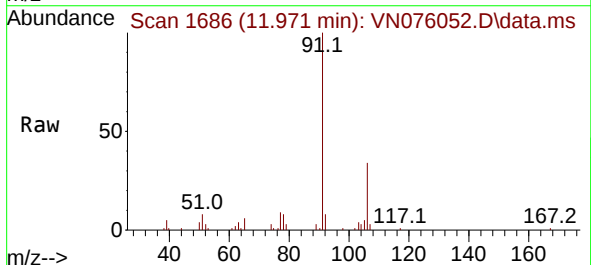
Instrument :
MSVOA_N
ClientSampleId :
SB-2DL

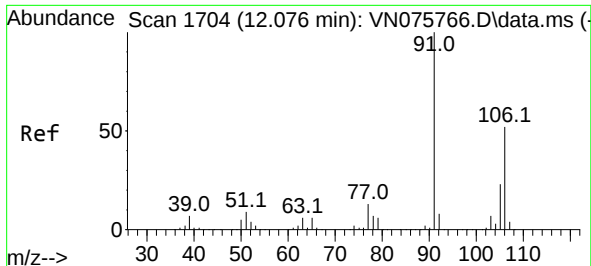
Tgt Ion:117 Resp: 500119
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.0 24.6 37.0



#67
Ethyl Benzene
Concen: 3.119 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

Tgt Ion: 91 Resp: 54037
Ion Ratio Lower Upper
91 100
106 34.0 25.7 38.5

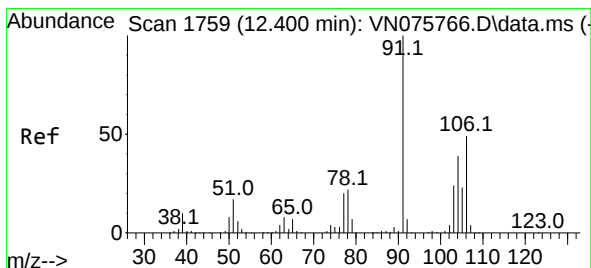
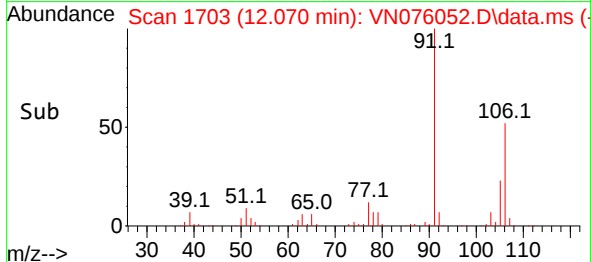
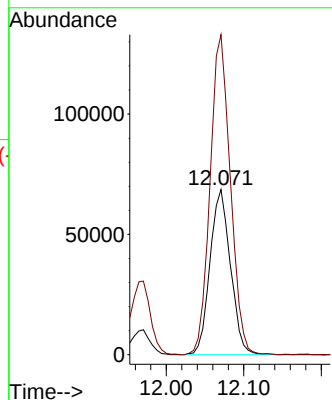
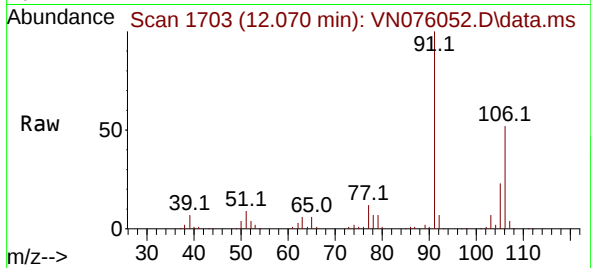




#68
m/p-Xylenes
Concen: 18.325 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

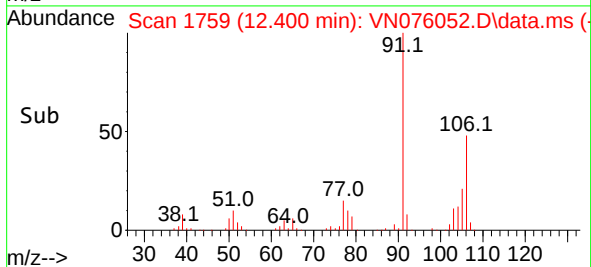
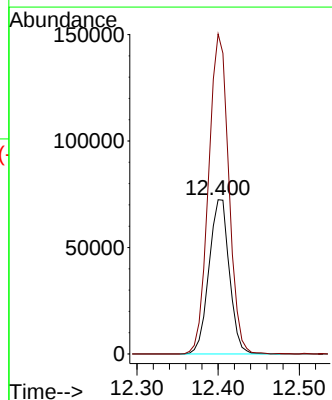
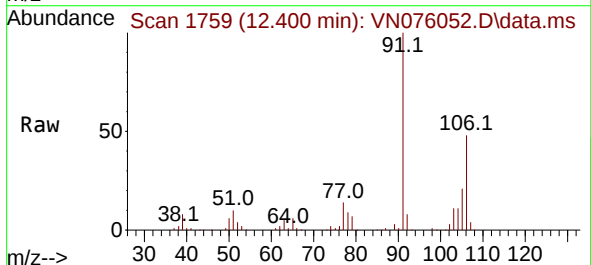
Instrument :
MSVOA_N
ClientSampleId :
SB-2DL

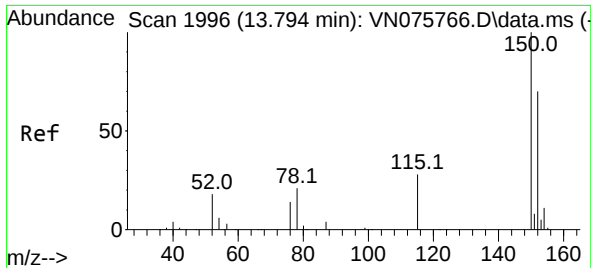
Tgt Ion:106 Resp: 125656
Ion Ratio Lower Upper
106 100
91 192.5 156.6 235.0



#69
o-Xylene
Concen: 18.589 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

Tgt Ion:106 Resp: 126138
Ion Ratio Lower Upper
106 100
91 205.8 103.8 311.6

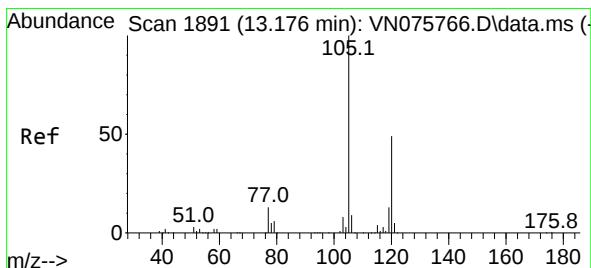
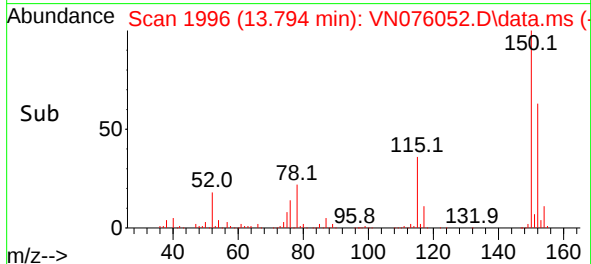
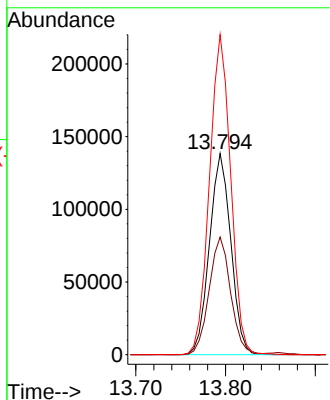
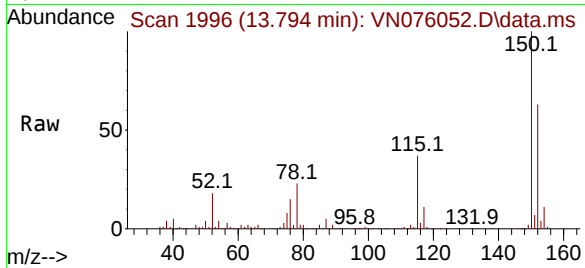




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076052.D
 Acq: 29 Dec 2022 16:30

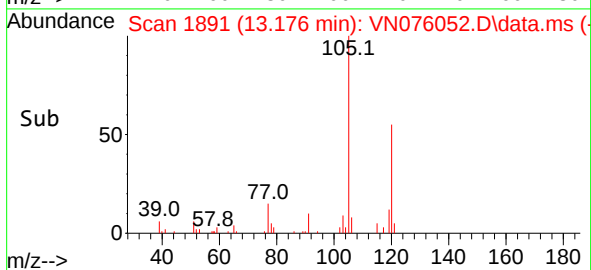
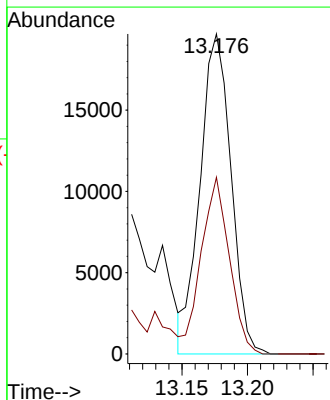
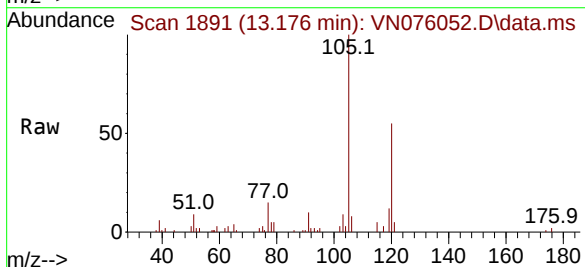
Instrument :
 MSVOA_N
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 SB-2DL

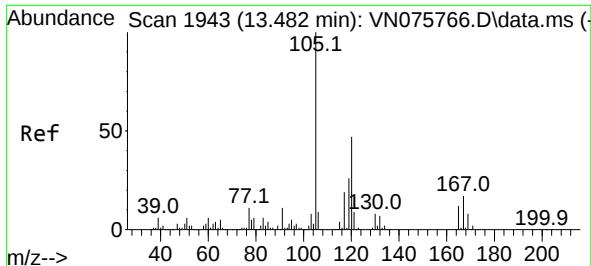
Tgt Ion:152 Resp: 229111
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.1 87.4
 150 157.6 0.0 347.0



#80
 1,3,5-Trimethylbenzene
 Concen: 2.329 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN076052.D
 Acq: 29 Dec 2022 16:30

Tgt Ion:105 Resp: 32275
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.7 74.1

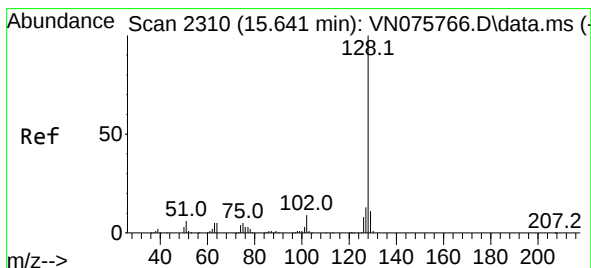
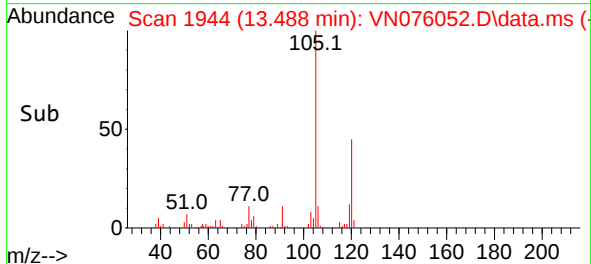
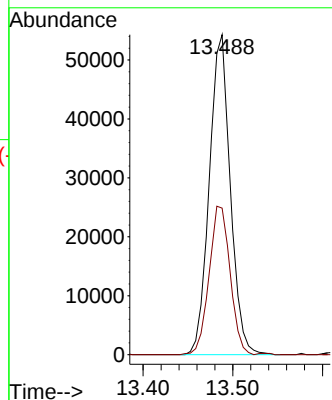
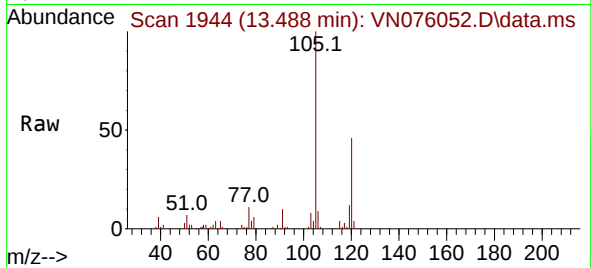




#84
1,2,4-Trimethylbenzene
Concen: 6.420 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

Instrument :
MSVOA_N
ClientSampleId :
SB-2DL

Tgt Ion:105 Resp: 88247
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8



#95
Naphthalene
Concen: 33.256 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076052.D
Acq: 29 Dec 2022 16:30

Tgt Ion:128 Resp: 405157
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1

