

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071524\
 Data File : VN082920.D
 Acq On : 15 Jul 2024 16:14
 Operator : JC\MD
 Sample : P3224-06DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-23DL

Quant Time: Jul 16 01:24:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	91418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	172112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	181330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77124	60.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.360%
35) Dibromofluoromethane	8.171	113	64141	58.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.160%
50) Toluene-d8	10.571	98	229459	56.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.500%
62) 4-Bromofluorobenzene	12.853	95	81389	55.547	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	111.100%

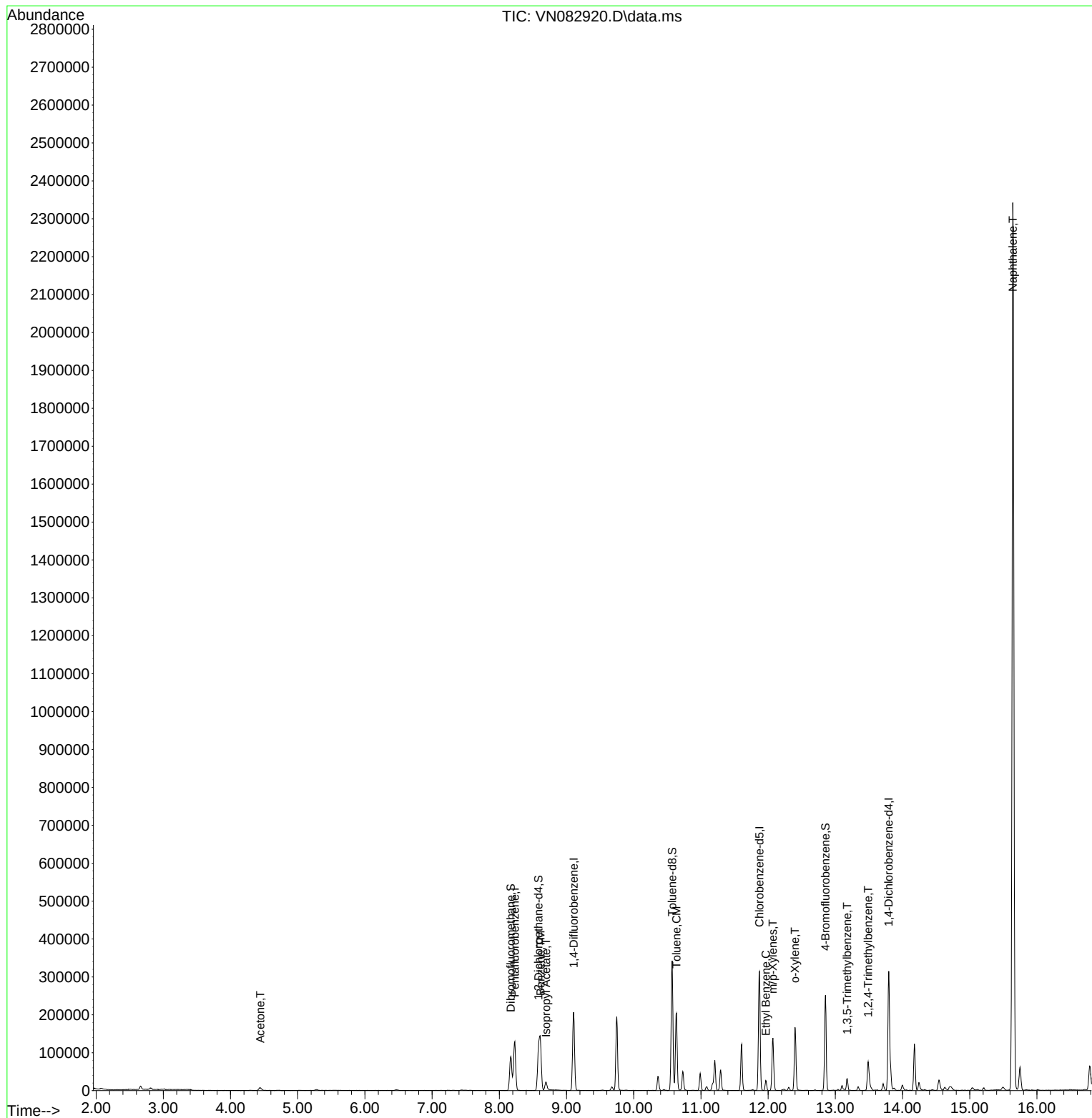
Target Compounds					Qvalue	
16) Acetone	4.442	43	14631	32.428	ug/l	# 85
40) Benzene	8.612	78	120832	25.798	ug/l	99
43) Isopropyl Acetate	8.694	43	26232	6.386	ug/l	# 89
52) Toluene	10.635	92	88192	30.142	ug/l	99
67) Ethyl Benzene	11.965	91	16520	2.530	ug/l	100
68) m/p-Xylenes	12.071	106	41463	16.817	ug/l	99
69) o-Xylene	12.400	106	42555	18.013	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	17699	3.718	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	45431	9.365	ug/l	89
95) Naphthalene	15.641	128	2076240	422.362	ug/l	100

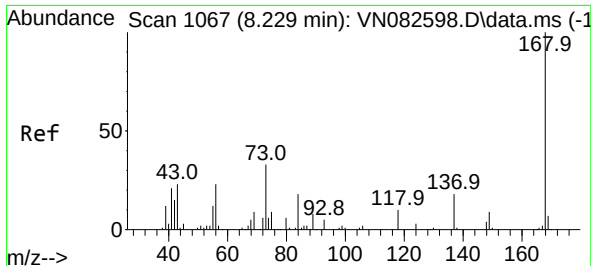
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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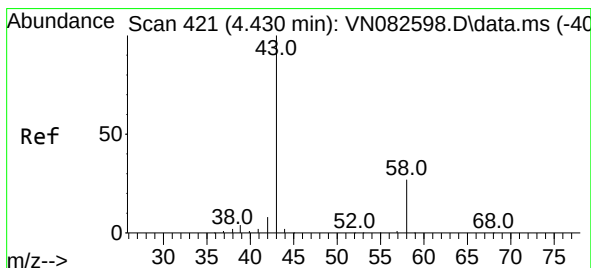
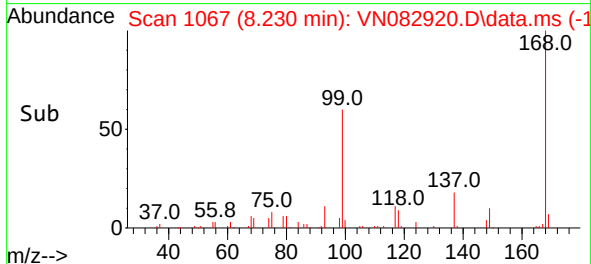
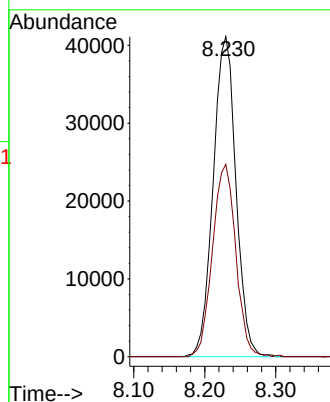
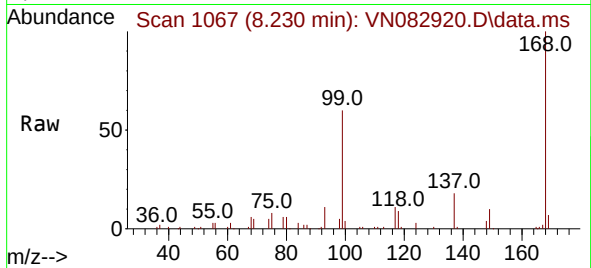




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

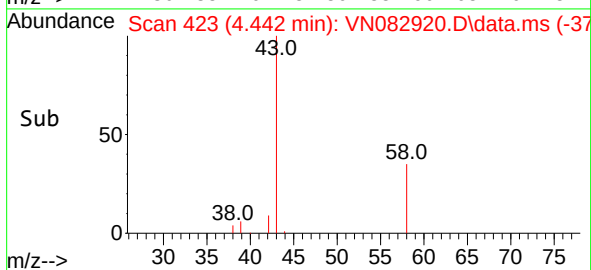
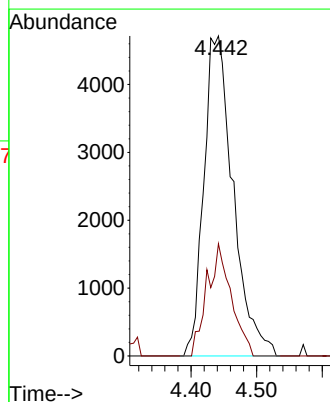
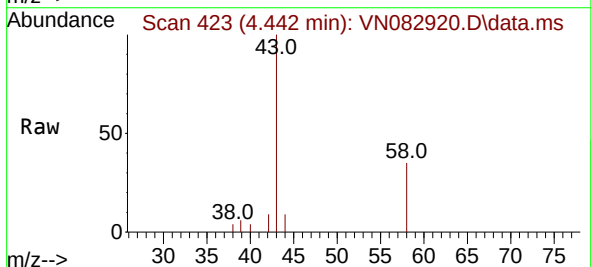
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23DL

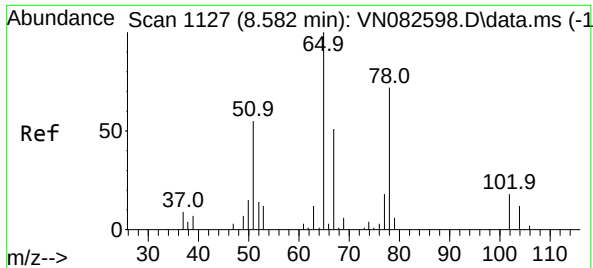
Tgt Ion:168 Resp: 91418
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#16
Acetone
Concen: 32.428 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 43 Resp: 14631
Ion Ratio Lower Upper
43 100
58 35.0 21.8 32.6#





#33

1,2-Dichloroethane-d4

Concen: 60.183 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

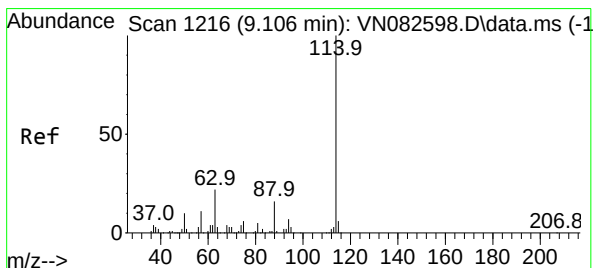
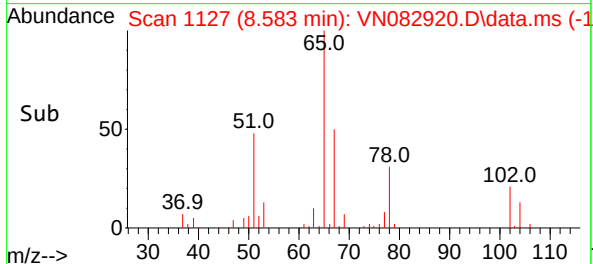
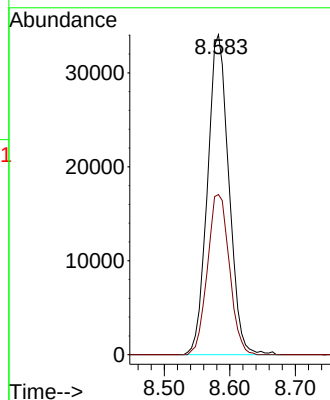
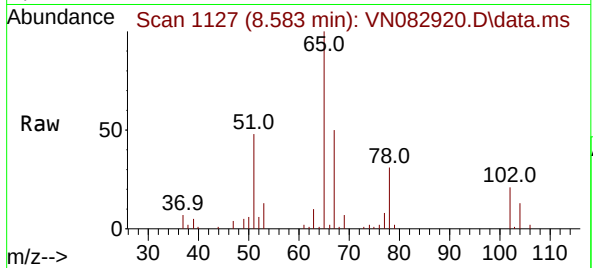
380AVEC-23DL

Tgt Ion: 65 Resp: 77124

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

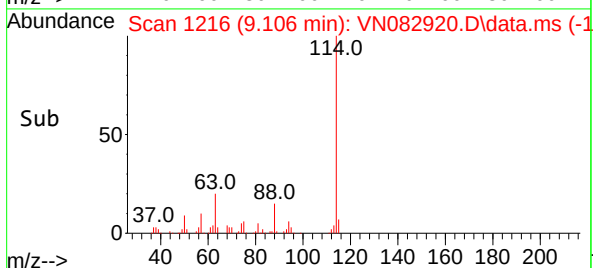
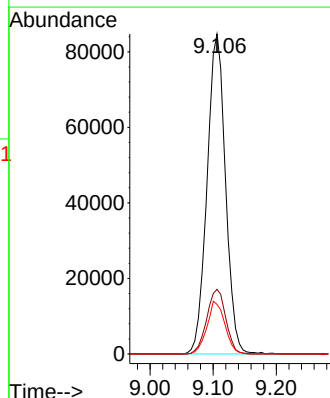
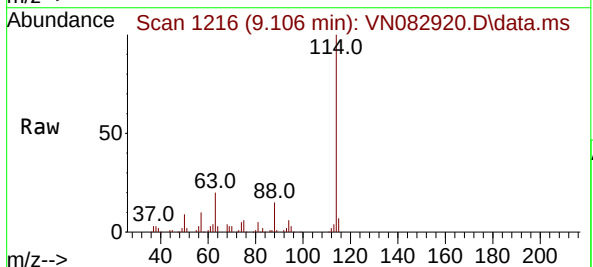
Tgt Ion: 114 Resp: 172112

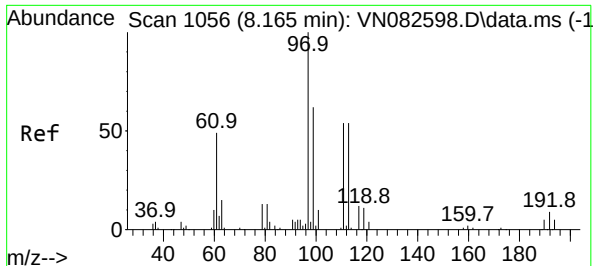
Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.6

88 15.5 0.0 31.4

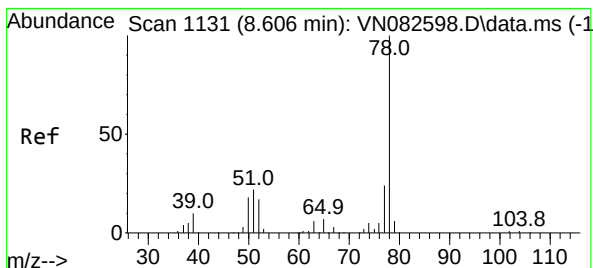
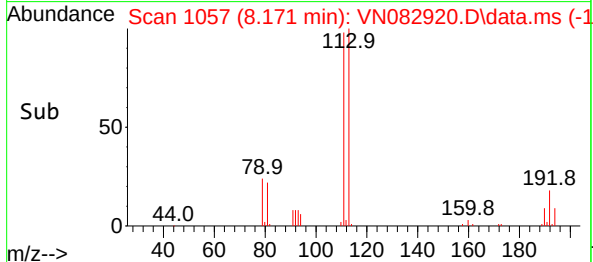
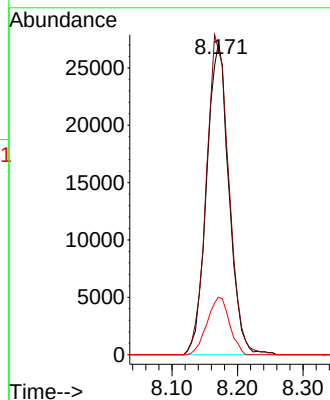
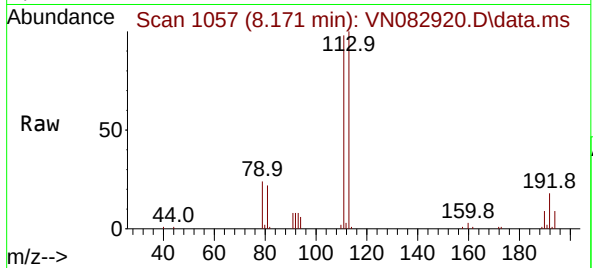




#35
Dibromofluoromethane
Concen: 58.078 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

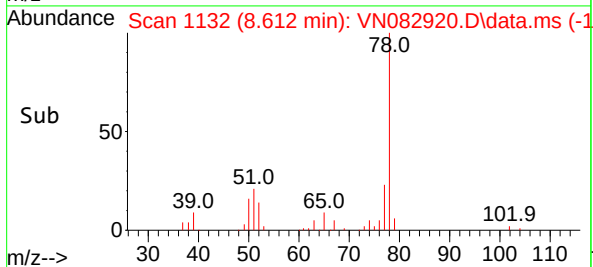
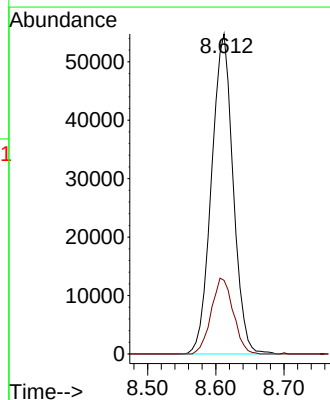
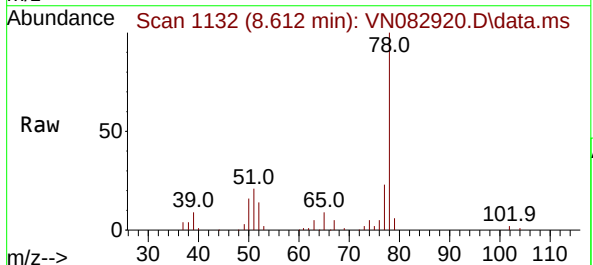
Instrument :
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380AVEC-23DL

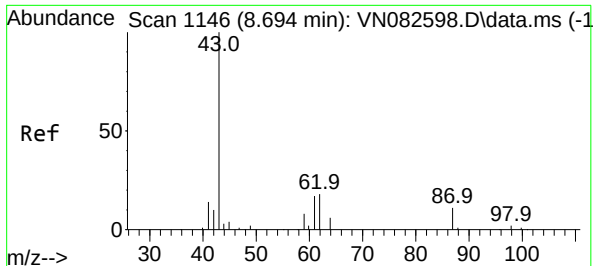
Tgt Ion:113 Resp: 64141
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 18.5 14.9 22.3



#40
Benzene
Concen: 25.798 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 78 Resp: 120832
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

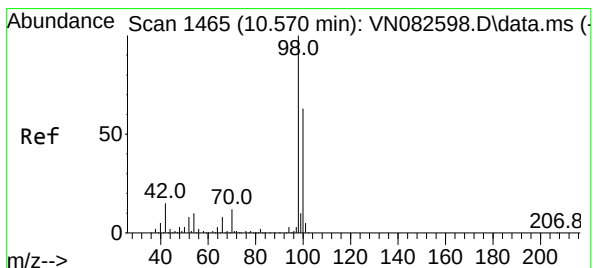
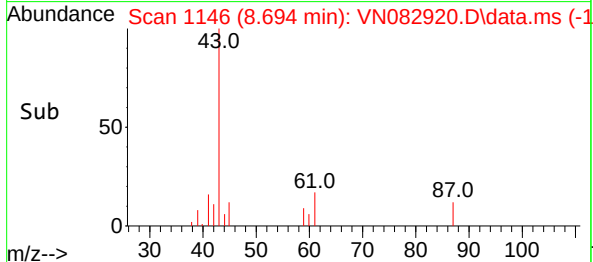
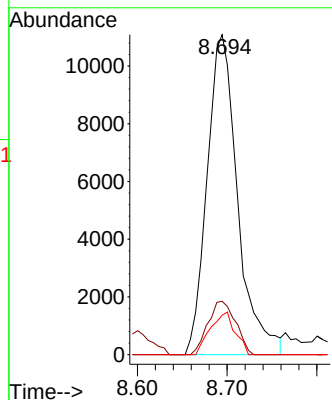
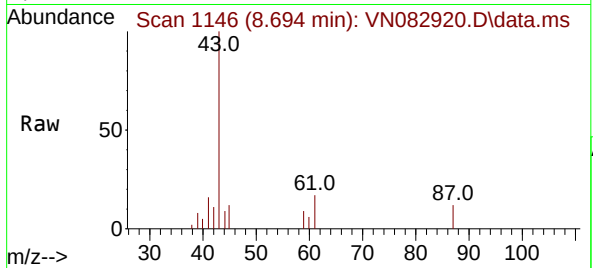




#43
Isopropyl Acetate
Concen: 6.386 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

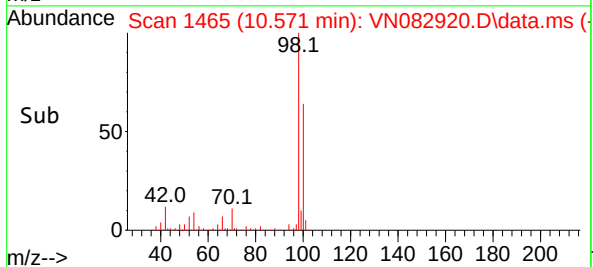
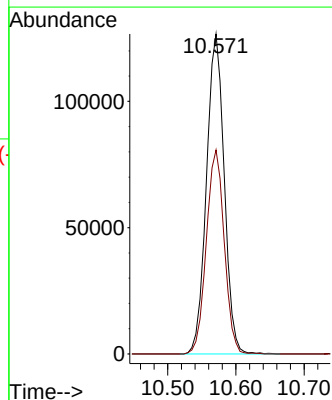
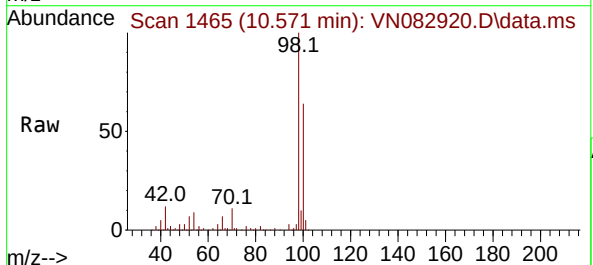
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ClientSampleId :
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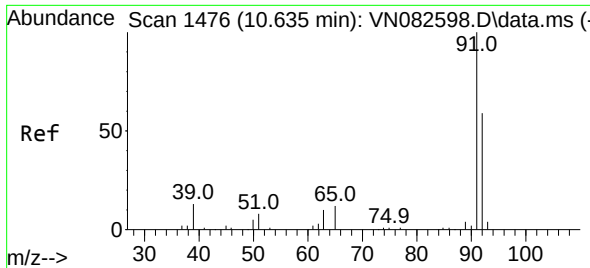
Tgt Ion: 43 Resp: 26232
Ion Ratio Lower Upper
43 100
61 15.2 17.8 26.6#
87 10.8 8.2 12.2



#50
Toluene-d8
Concen: 56.253 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 98 Resp: 229459
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

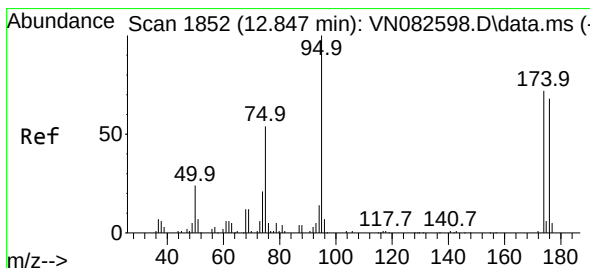
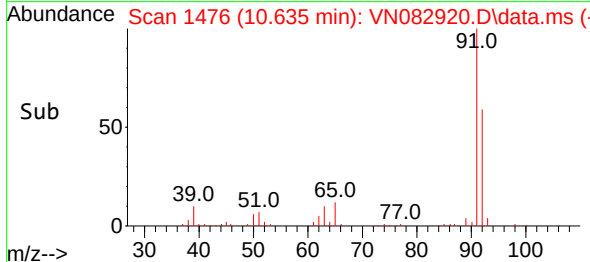
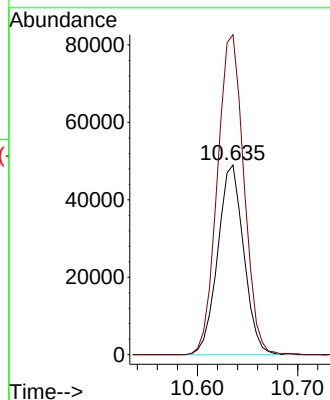
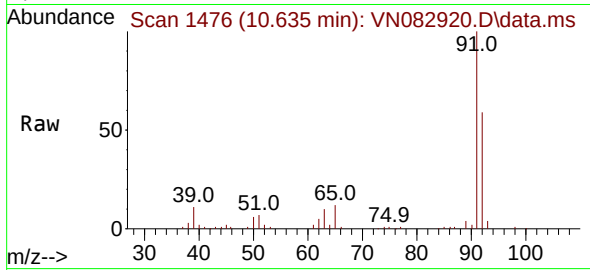




#52
Toluene
Concen: 30.142 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

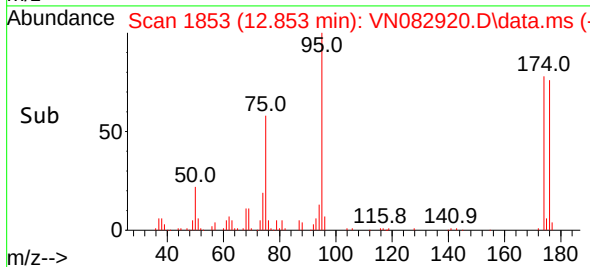
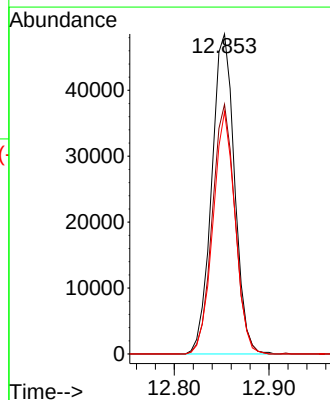
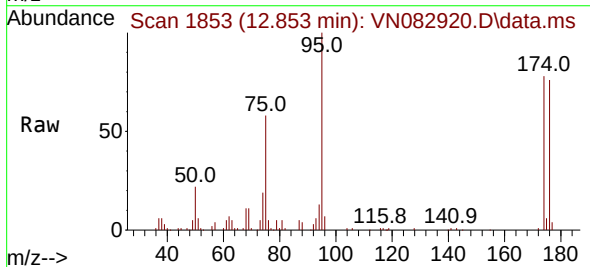
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ClientSampleId :
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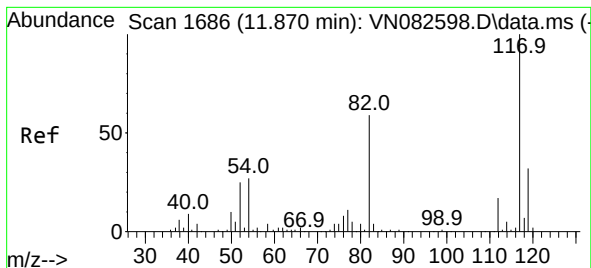
Tgt Ion: 92 Resp: 88192
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 55.547 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 95 Resp: 81389
Ion Ratio Lower Upper
95 100
174 77.5 0.0 159.2
176 73.4 0.0 147.6

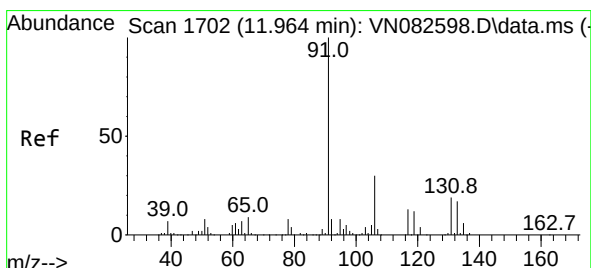
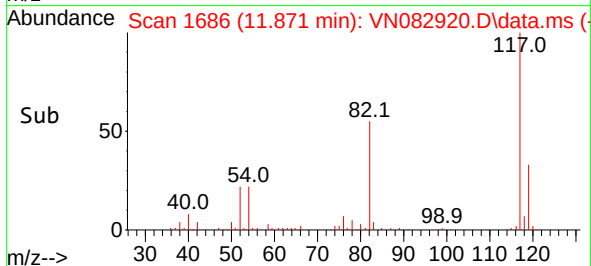
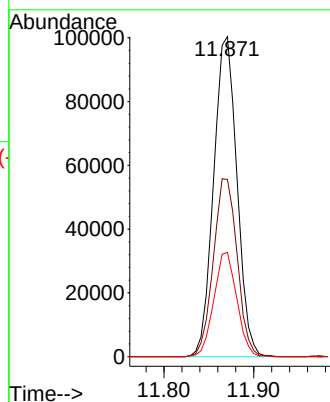
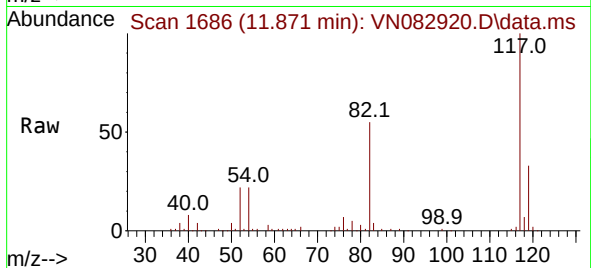




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

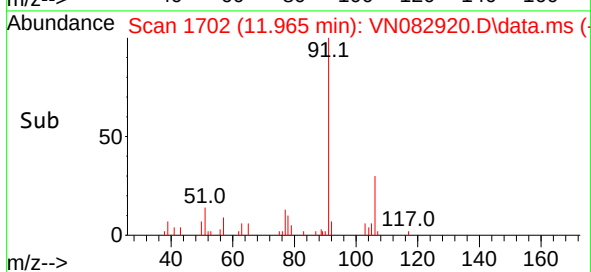
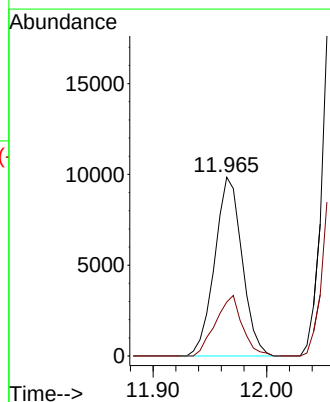
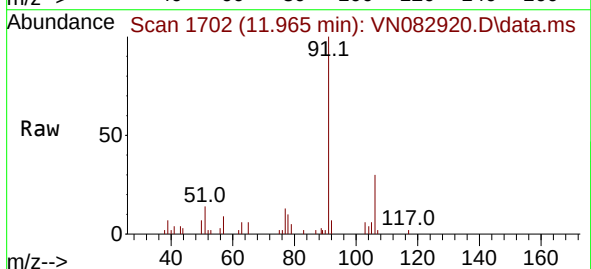
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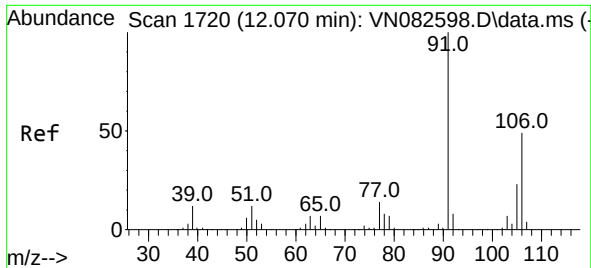
Tgt Ion:117 Resp: 181330
Ion Ratio Lower Upper
117 100
82 55.4 47.5 71.3
119 32.6 25.6 38.4



#67
Ethyl Benzene
Concen: 2.530 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion: 91 Resp: 16520
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

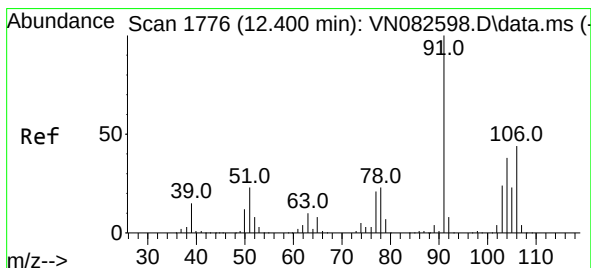
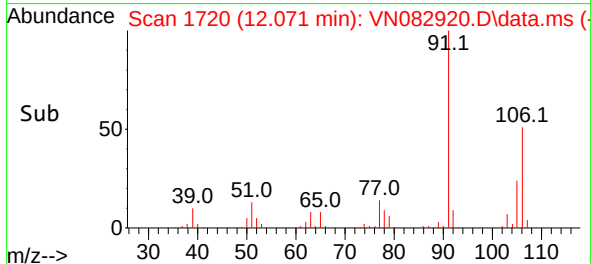
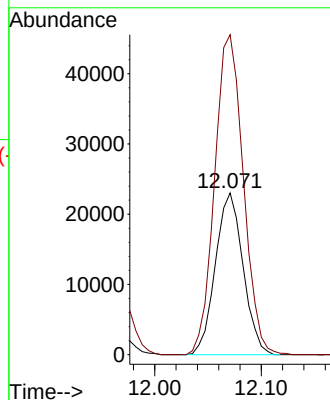
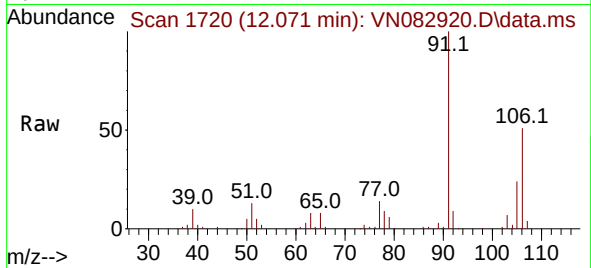




#68
m/p-Xylenes
Concen: 16.817 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

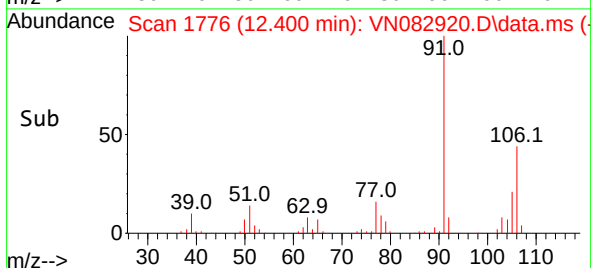
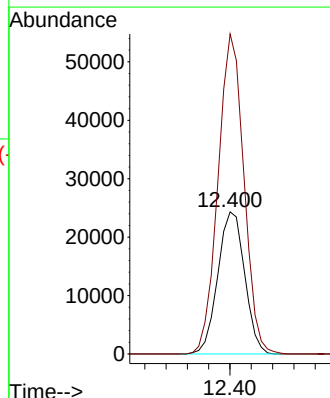
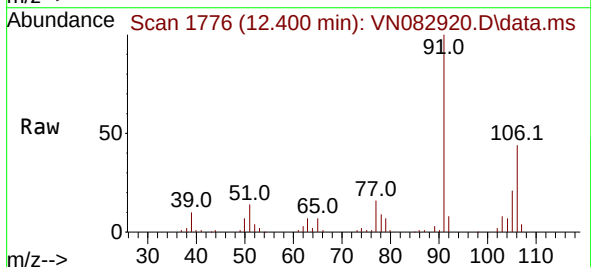
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23DL

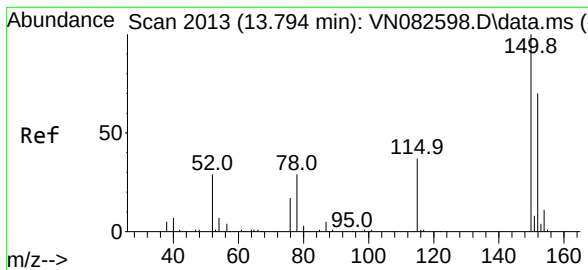
Tgt Ion:106 Resp: 41463
Ion Ratio Lower Upper
106 100
91 205.3 166.1 249.1



#69
o-Xylene
Concen: 18.013 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion:106 Resp: 42555
Ion Ratio Lower Upper
106 100
91 216.8 111.3 333.9

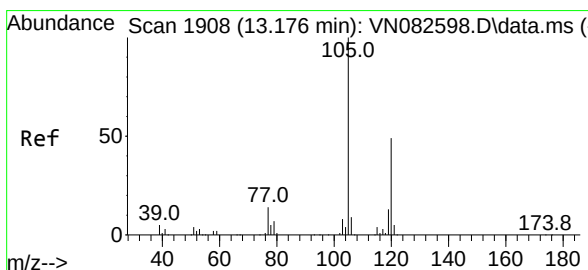
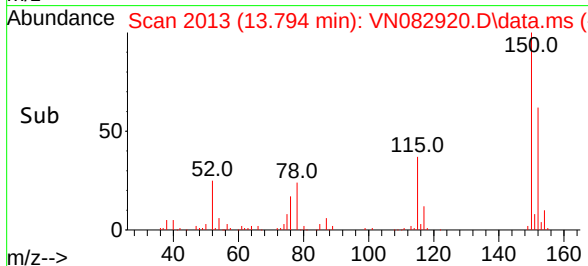
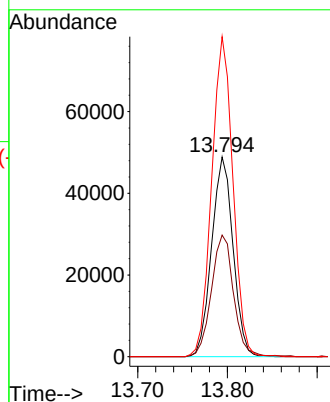
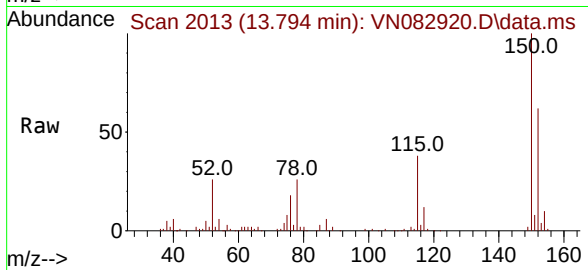




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

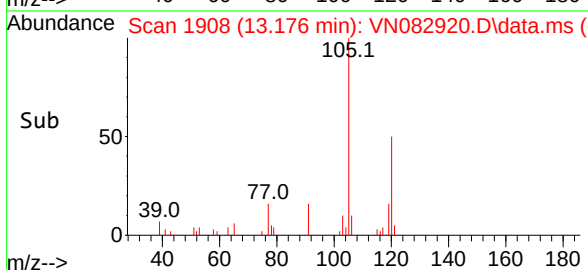
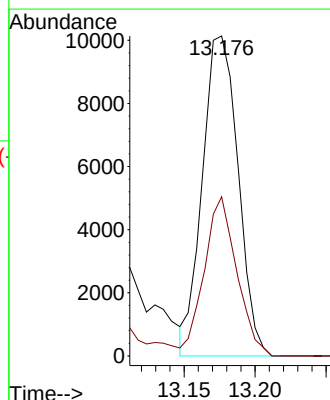
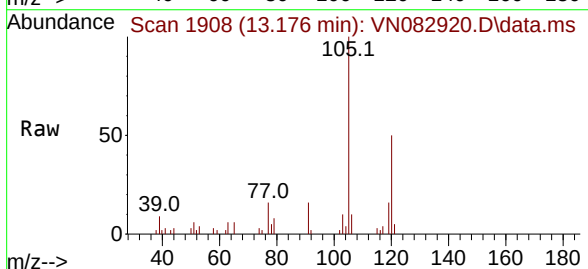
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MSVOA_N
ClientSampleId :
380AVEC-23DL

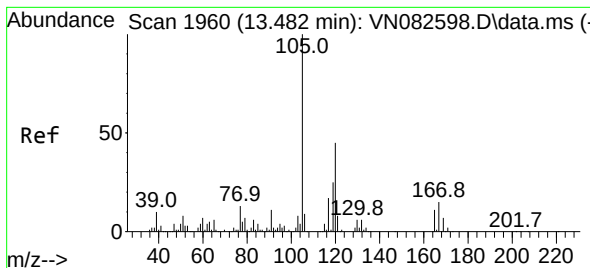
Tgt Ion:152 Resp: 81037
Ion Ratio Lower Upper
152 100
115 63.4 30.6 91.6
150 158.5 0.0 348.6



#80
1,3,5-Trimethylbenzene
Concen: 3.718 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082920.D
Acq: 15 Jul 2024 16:14

Tgt Ion:105 Resp: 17699
Ion Ratio Lower Upper
105 100
120 45.4 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 9.365 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Instrument :

MSVOA_N

ClientSampleId :

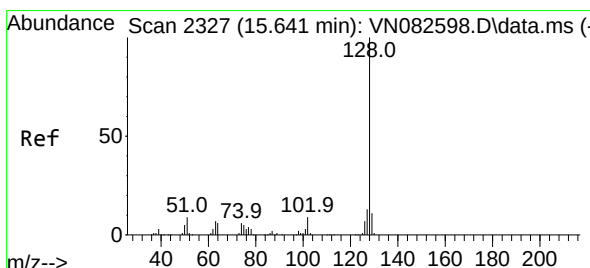
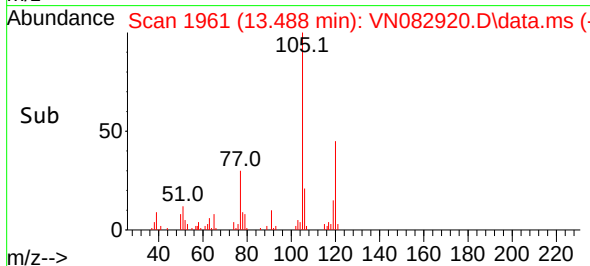
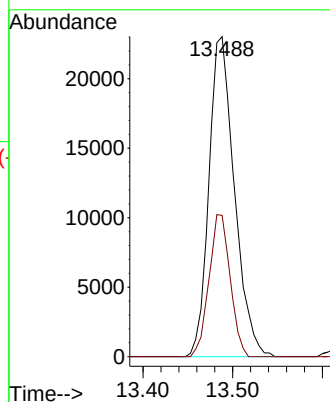
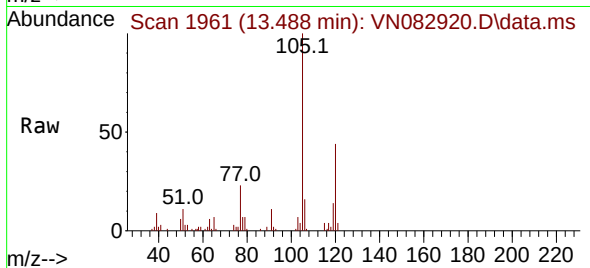
380AVEC-23DL

Tgt Ion:105 Resp: 45431

Ion Ratio Lower Upper

105 100

120 36.8 21.9 65.8



#95

Naphthalene

Concen: 422.362 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082920.D

Acq: 15 Jul 2024 16:14

Tgt Ion:128 Resp: 2076240

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.6 12.8

