

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075587.D
 Acq On : 06 Dec 2022 16:14
 Operator : JC\MD
 Sample : N5876-01DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-SIL-12-02DL

Quant Time: Dec 07 00:16:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

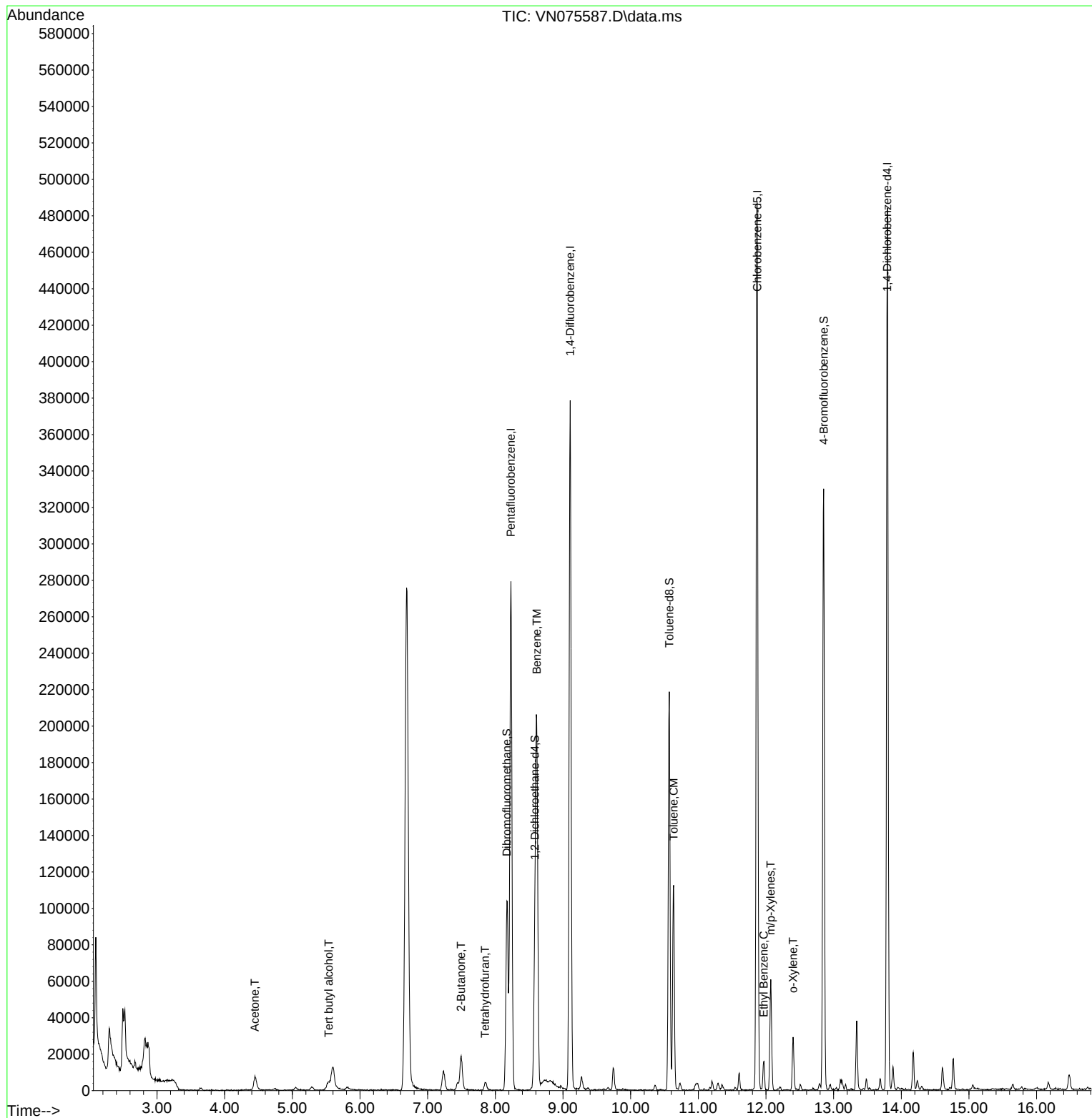
Internal Standards						
1) Pentafluorobenzene	8.230	168	221919	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	354198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	306021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	58213	48.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.740%
35) Dibromofluoromethane	8.171	113	75019	53.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.840%
50) Toluene-d8	10.571	98	155461	49.607	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.853	95	112222	48.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	9827	19.651	ug/l	# 79
16) Acetone	4.448	43	14417	12.975	ug/l	95
25) 2-Butanone	7.494	43	31459	20.279	ug/l	95
29) Tetrahydrofuran	7.847	42	3208	3.400	ug/l	97
40) Benzene	8.612	78	208780	22.473	ug/l	98
52) Toluene	10.635	92	52723	8.807	ug/l	100
67) Ethyl Benzene	11.965	91	13154	1.220	ug/l	91
68) m/p-Xylenes	12.071	106	20302	4.637	ug/l	96
69) o-Xylene	12.400	106	8582	1.973	ug/l	97

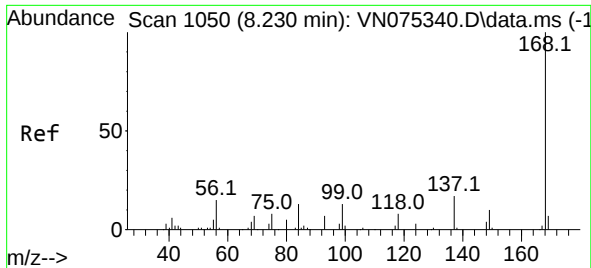
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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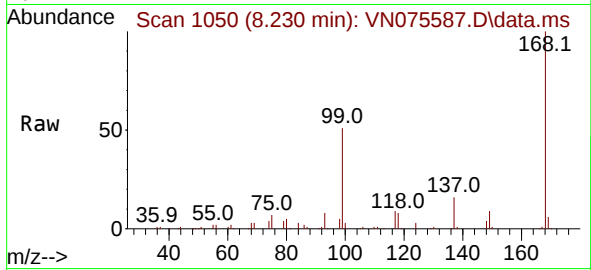
Quant Time: Dec 07 00:16:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
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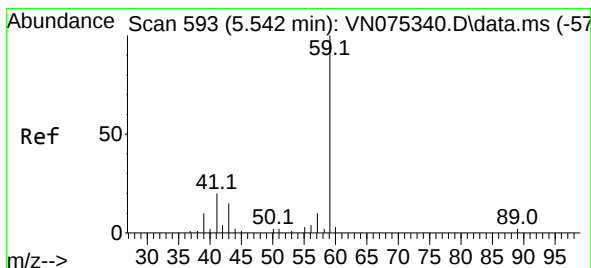
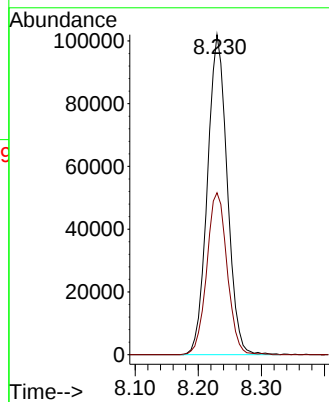
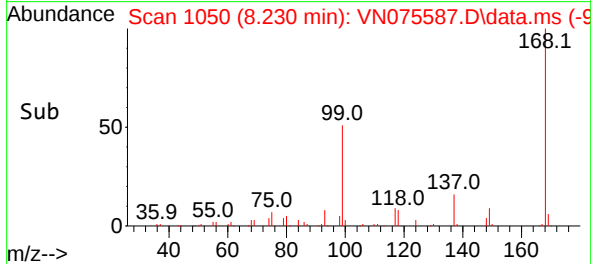


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02DL

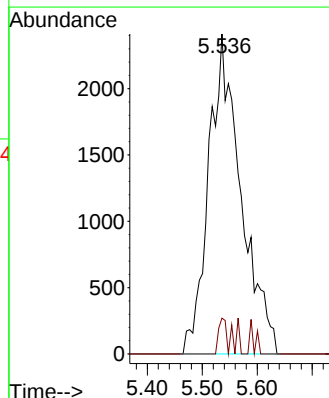
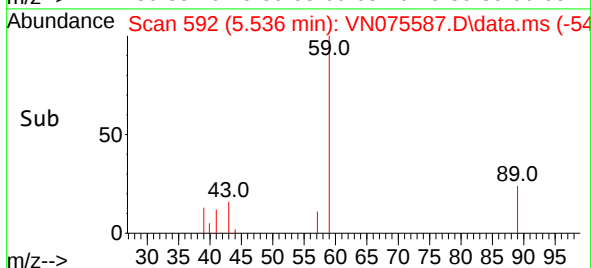
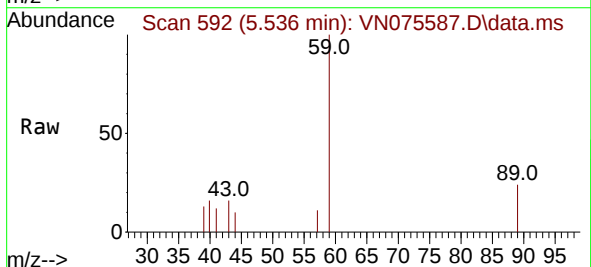


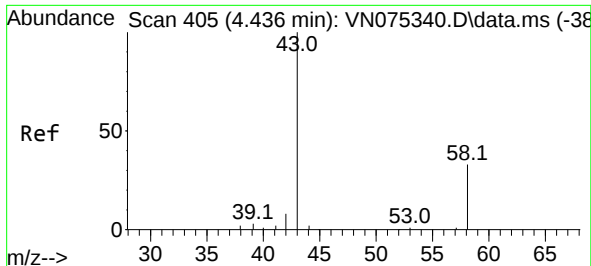
Tgt Ion:168 Resp: 221919
Ion Ratio Lower Upper
168 100
99 50.6 51.6 77.4#



#11
Tert butyl alcohol
Concen: 19.651 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

Tgt Ion: 59 Resp: 9827
Ion Ratio Lower Upper
59 100
57 2.6 8.5 12.7#





#16

Acetone

Concen: 12.975 ug/l

RT: 4.448 min Scan# 405

Delta R.T. 0.012 min

Lab File: VN075587.D

Acq: 06 Dec 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

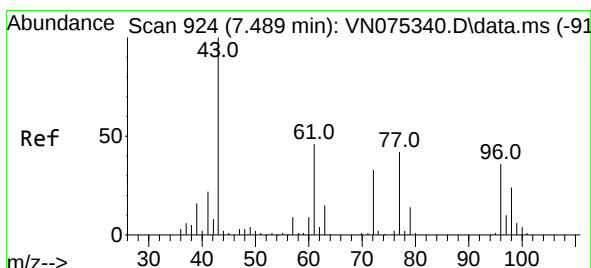
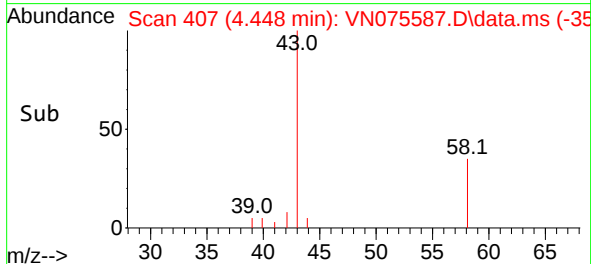
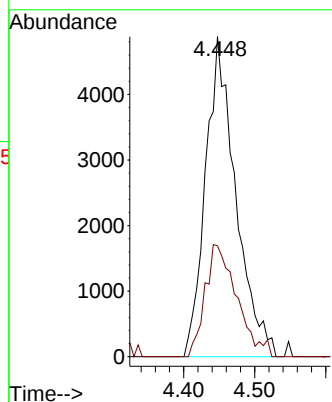
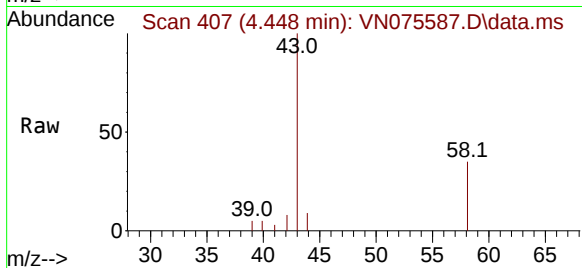
LIN-SIL-12-02DL

Tgt Ion: 43 Resp: 14417

Ion Ratio Lower Upper

43 100

58 34.6 25.5 38.3



#25

2-Butanone

Concen: 20.279 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.005 min

Lab File: VN075587.D

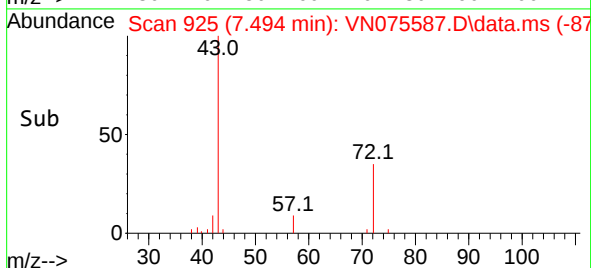
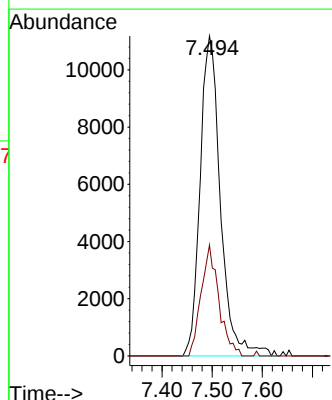
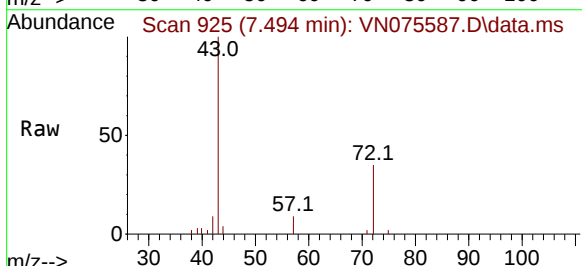
Acq: 06 Dec 2022 16:14

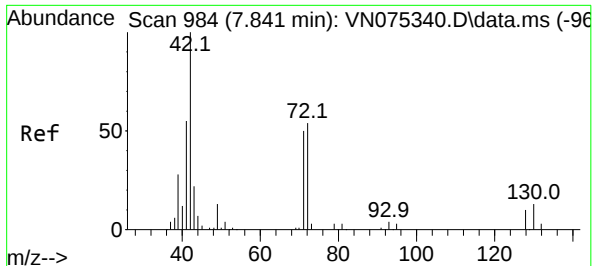
Tgt Ion: 43 Resp: 31459

Ion Ratio Lower Upper

43 100

72 34.7 25.5 38.3





#29

Tetrahydrofuran

Concen: 3.400 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075587.D

Acq: 06 Dec 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02DL

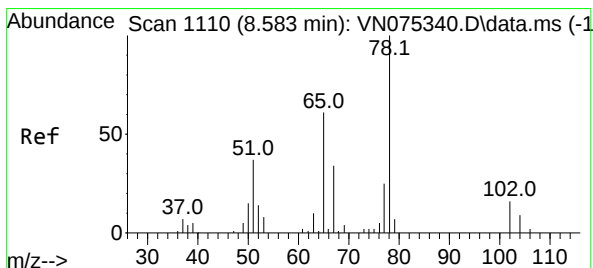
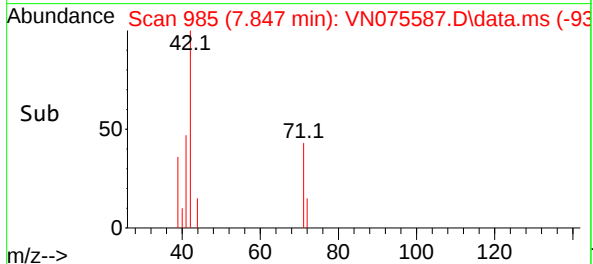
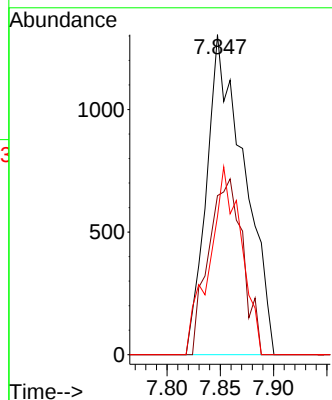
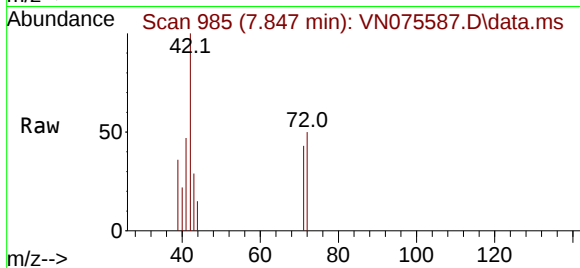
Tgt Ion: 42 Resp: 3208

Ion Ratio Lower Upper

42 100

72 50.0 43.0 64.6

71 49.8 39.9 59.9



#33

1,2-Dichloroethane-d4

Concen: 48.868 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075587.D

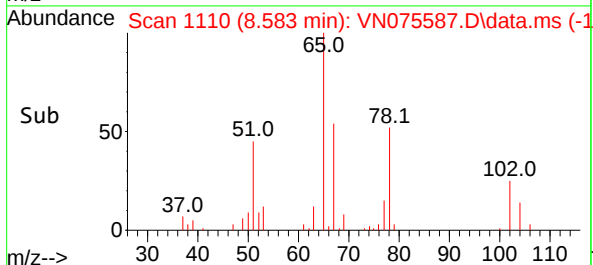
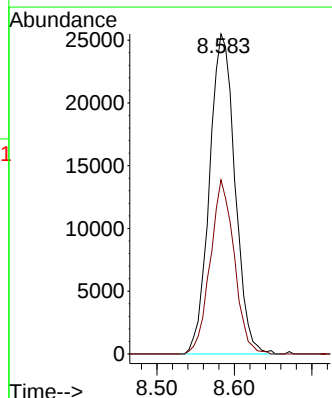
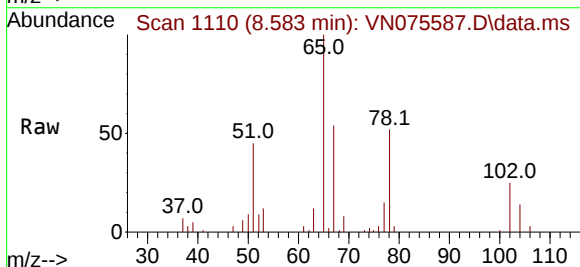
Acq: 06 Dec 2022 16:14

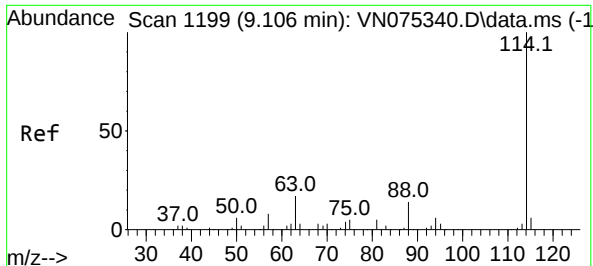
Tgt Ion: 65 Resp: 58213

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075587.D

Acq: 06 Dec 2022 16:14

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02DL

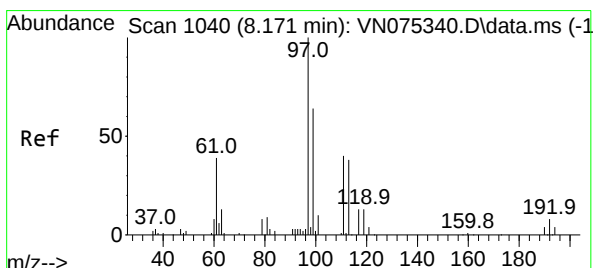
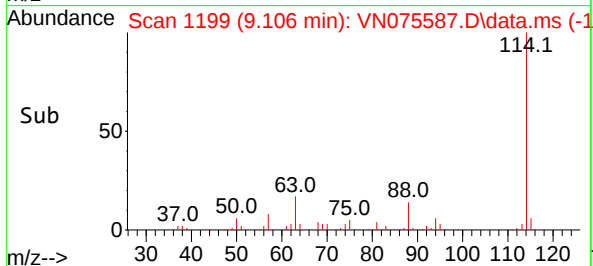
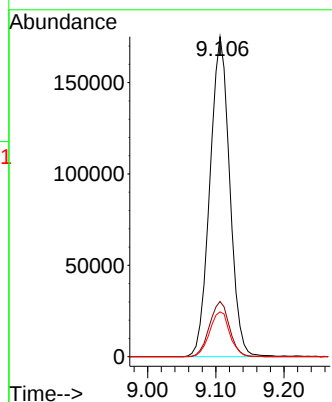
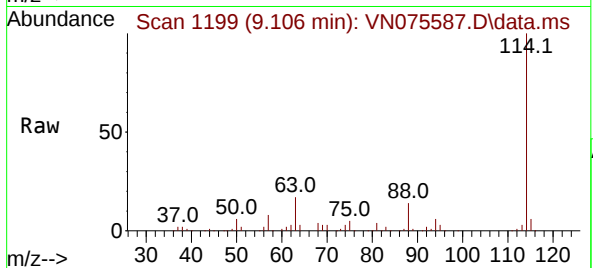
Tgt Ion:114 Resp: 354198

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.916 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075587.D

Acq: 06 Dec 2022 16:14

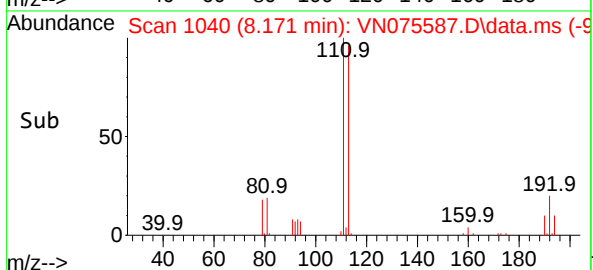
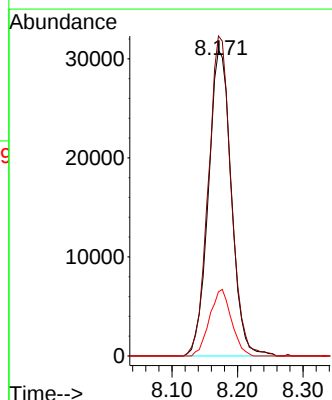
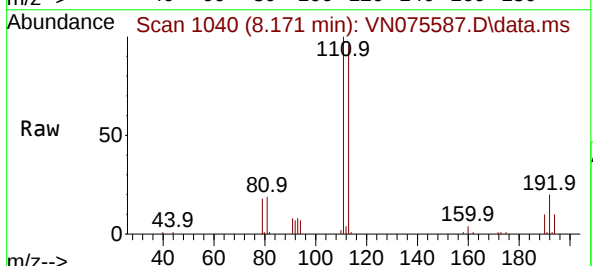
Tgt Ion:113 Resp: 75019

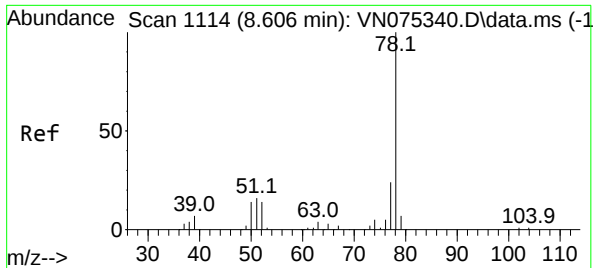
Ion Ratio Lower Upper

113 100

111 103.5 80.5 120.7

192 20.7 13.2 19.8#

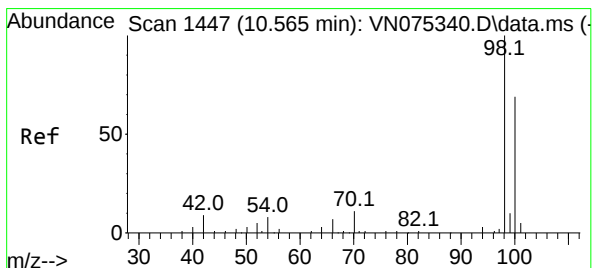
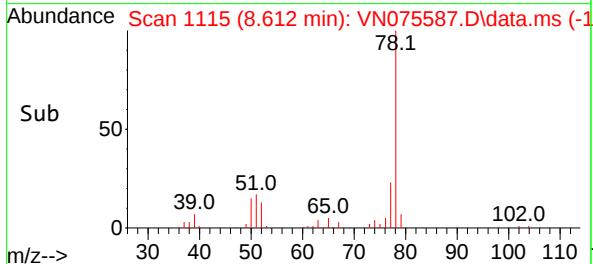
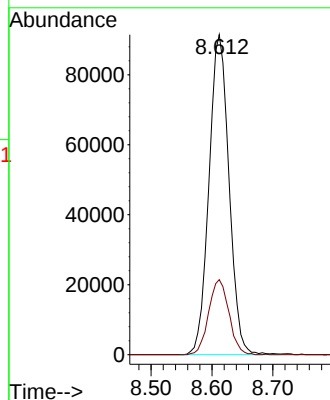
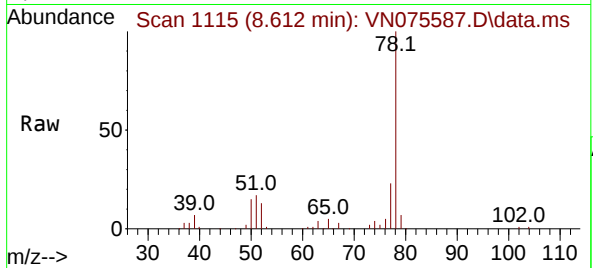




#40
Benzene
Concen: 22.473 ug/l
RT: 8.612 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

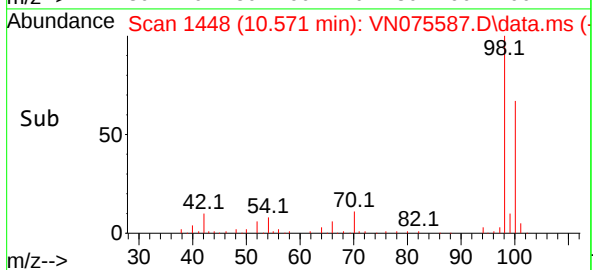
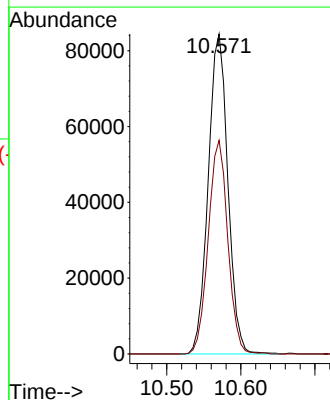
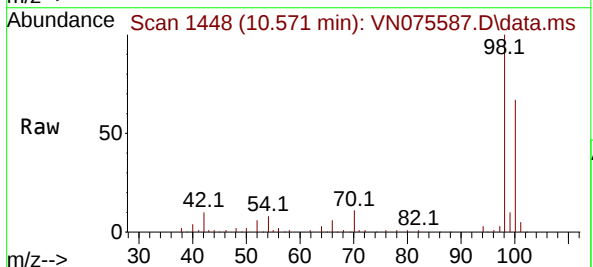
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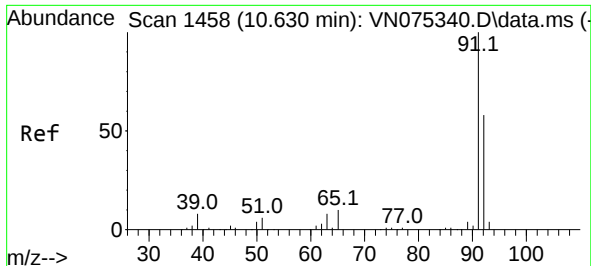
Tgt Ion: 78 Resp: 208780
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#50
Toluene-d8
Concen: 49.607 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

Tgt Ion: 98 Resp: 155461
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6

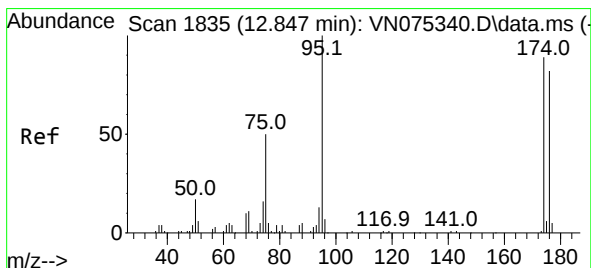
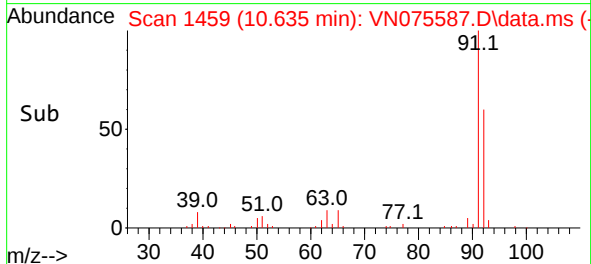
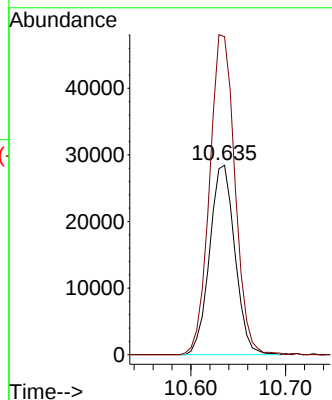
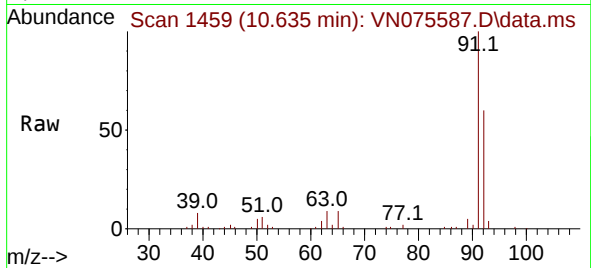




#52
Toluene
Concen: 8.807 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

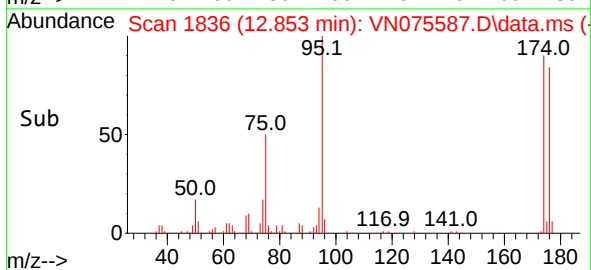
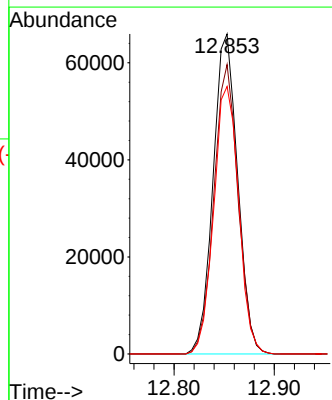
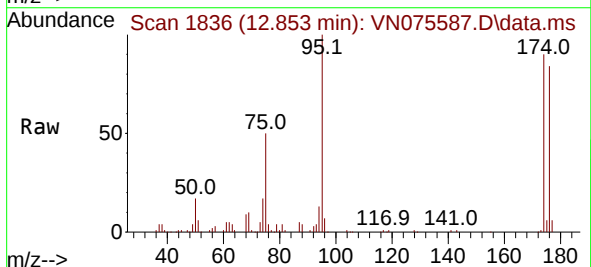
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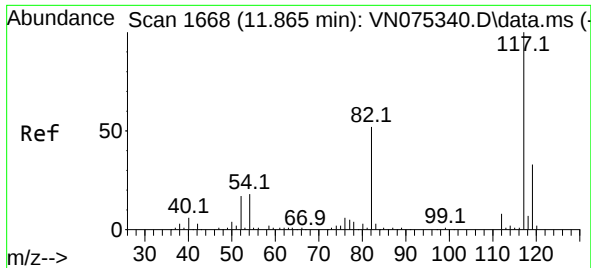
Tgt Ion: 92 Resp: 52723
Ion Ratio Lower Upper
92 100
91 169.7 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 48.516 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

Tgt Ion: 95 Resp: 112222
Ion Ratio Lower Upper
95 100
174 89.0 0.0 147.4
176 85.0 0.0 142.2

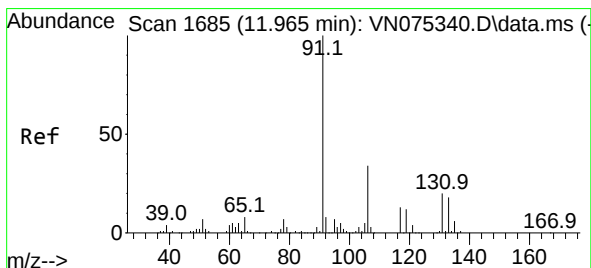
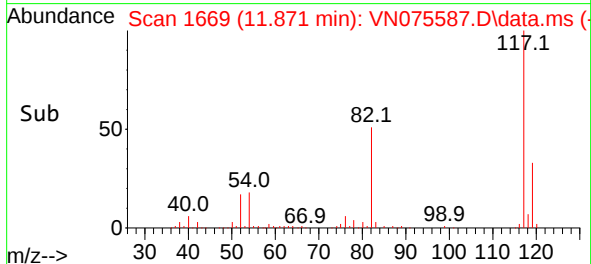
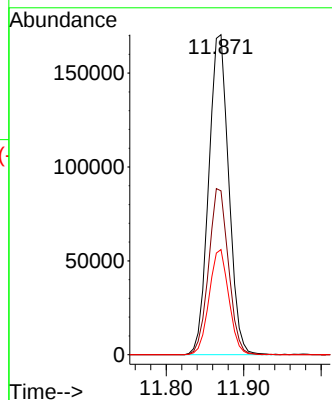
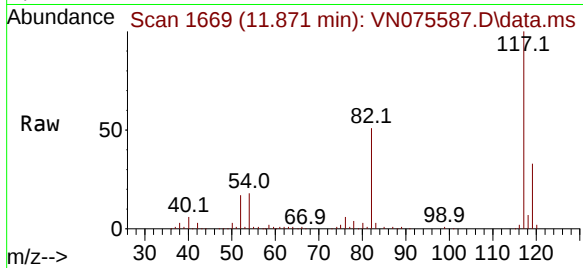




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

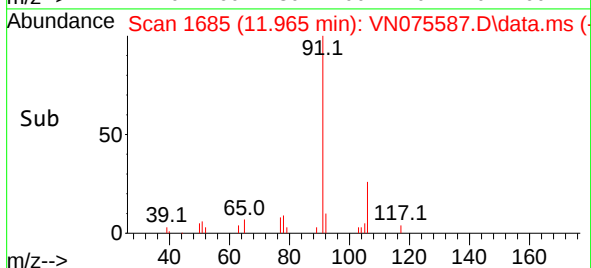
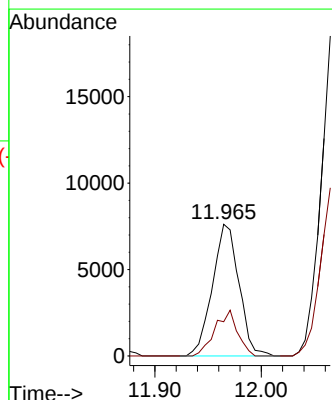
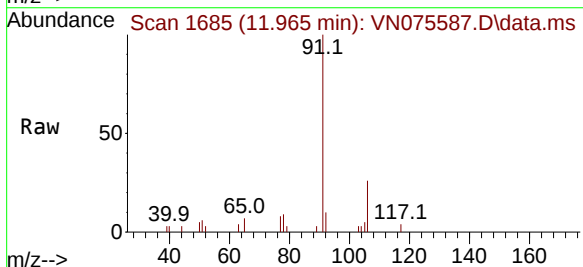
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02DL

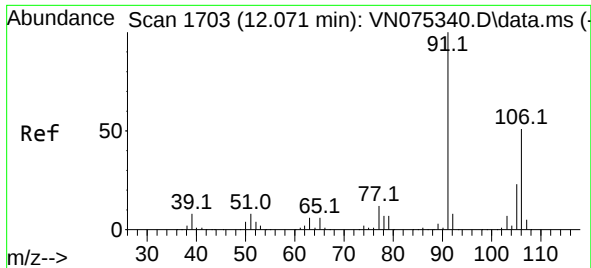
Tgt Ion:117 Resp: 306021
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 1.220 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

Tgt Ion: 91 Resp: 13154
Ion Ratio Lower Upper
91 100
106 26.0 24.9 37.3

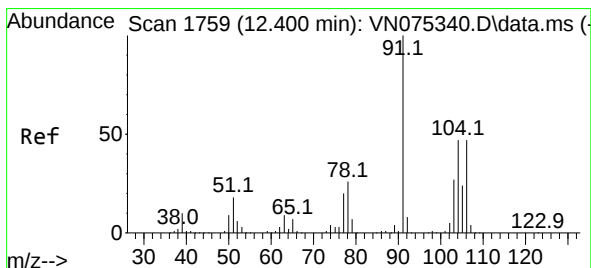
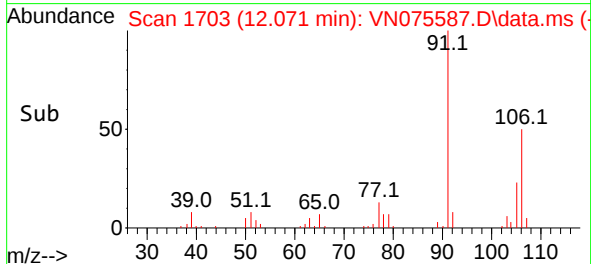
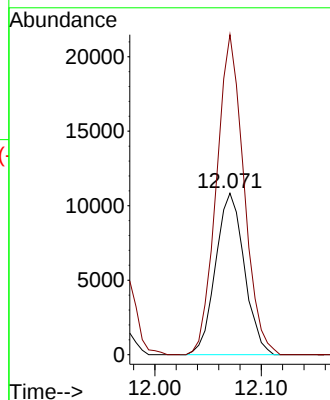
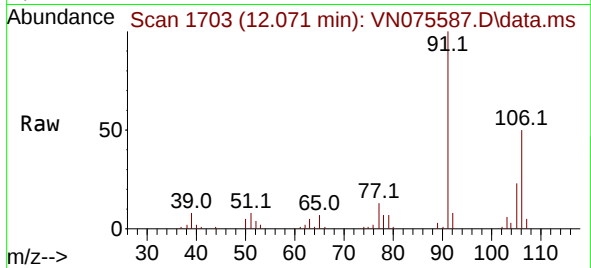




#68
m/p-Xylenes
Concen: 4.637 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

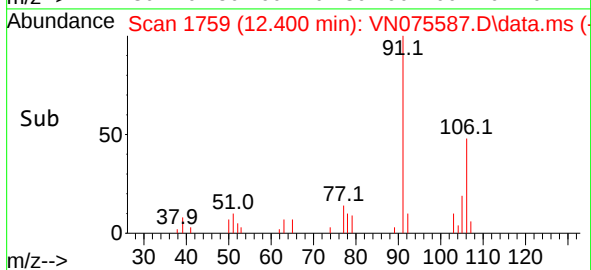
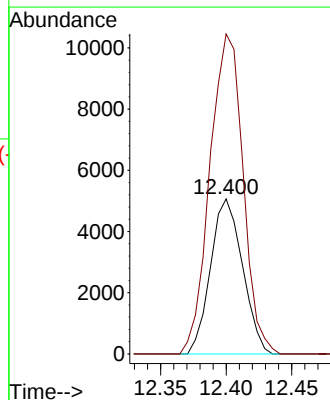
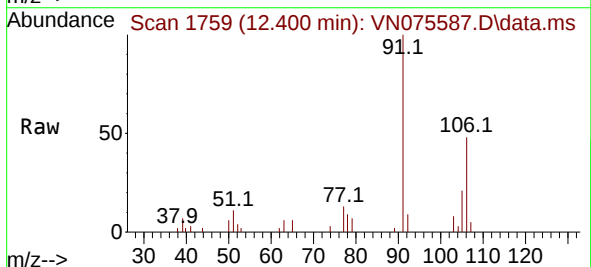
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02DL

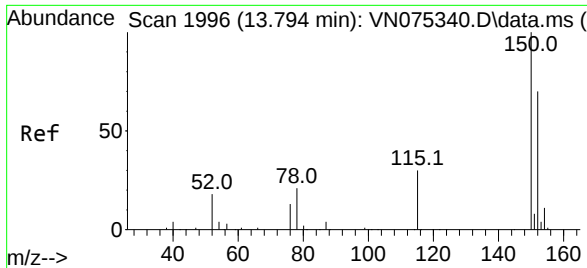
Tgt Ion:106 Resp: 20302
Ion Ratio Lower Upper
106 100
91 189.4 156.0 234.0



#69
o-Xylene
Concen: 1.973 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075587.D
Acq: 06 Dec 2022 16:14

Tgt Ion:106 Resp: 8582
Ion Ratio Lower Upper
106 100
91 214.6 105.2 315.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075587.D
 Acq: 06 Dec 2022 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-SIL-12-02DL

Tgt Ion:152 Resp: 135869
 Ion Ratio Lower Upper
 152 100
 115 57.1 30.2 90.6
 150 159.6 0.0 348.4

