

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075604.D
 Acq On : 07 Dec 2022 13:22
 Operator : JC\MD
 Sample : N5876-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LIN-VRG-12-02

Quant Time: Dec 07 14:22:28 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)

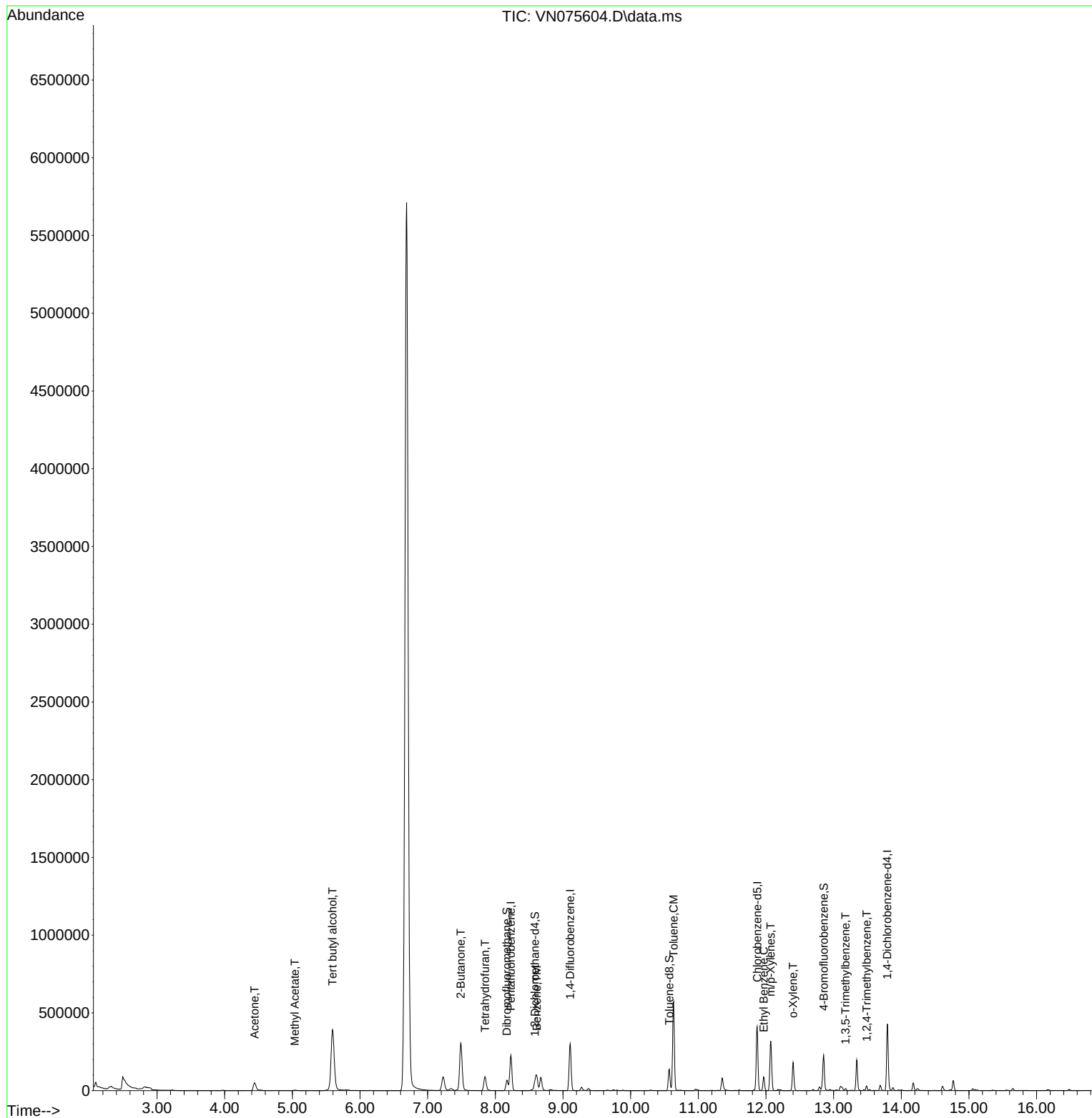
Internal Standards						
1) Pentafluorobenzene	8.230	168	178486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	285906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	254499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	36582	38.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	76.360%
35) Dibromofluoromethane	8.171	113	47119	41.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.900%
50) Toluene-d8	10.571	98	98610	38.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	77.960%#
62) 4-Bromofluorobenzene	12.853	95	73339	39.279	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.560%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.595	59	49673	123.505	ug/l #	66
16) Acetone	4.442	43	93725	104.878	ug/l	97
18) Methyl Acetate	5.036	43	7406	2.045	ug/l	100
25) 2-Butanone	7.489	43	471107	377.591	ug/l	99
29) Tetrahydrofuran	7.847	42	67044	88.342	ug/l	97
40) Benzene	8.612	78	99121	13.218	ug/l	100
52) Toluene	10.635	92	267018	55.255	ug/l	97
67) Ethyl Benzene	11.965	91	67172	7.491	ug/l	95
68) m/p-Xylenes	12.071	106	109507	30.074	ug/l	98
69) o-Xylene	12.400	106	53822	14.877	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	8381	1.134	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	17790	2.401	ug/l	98

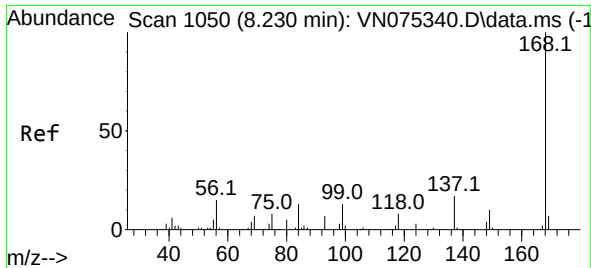
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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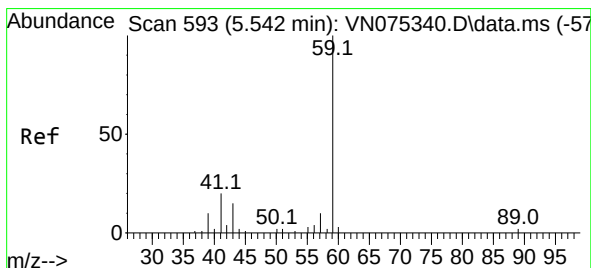
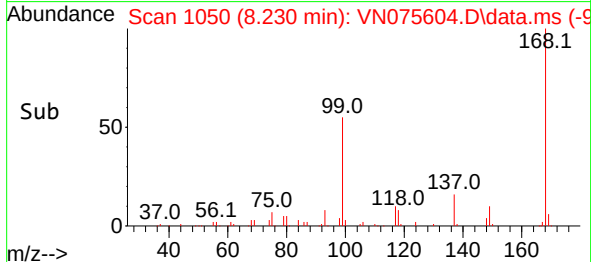
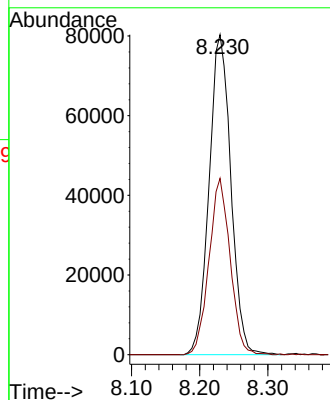
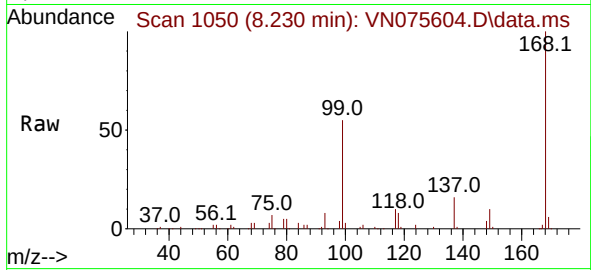




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

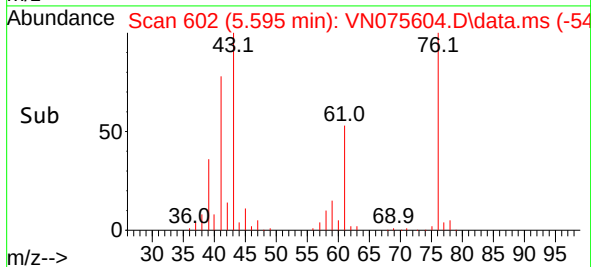
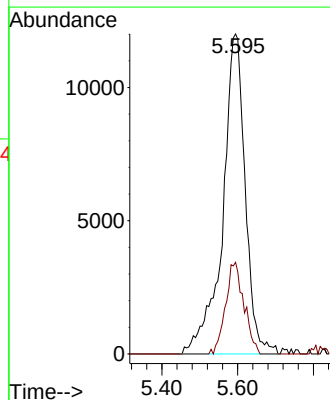
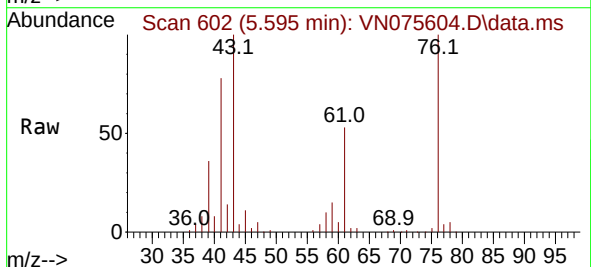
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

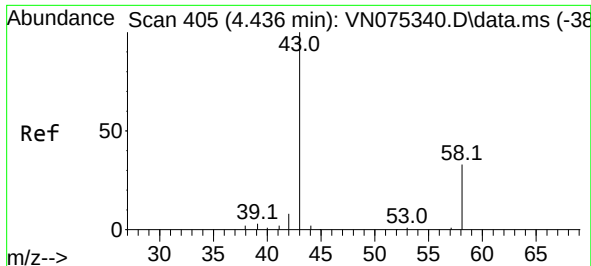
Tgt Ion:168 Resp: 178486
Ion Ratio Lower Upper
168 100
99 55.1 51.6 77.4



#11
Tert butyl alcohol
Concen: 123.505 ug/l
RT: 5.595 min Scan# 602
Delta R.T. 0.053 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

Tgt Ion: 59 Resp: 49673
Ion Ratio Lower Upper
59 100
57 23.4 8.5 12.7#

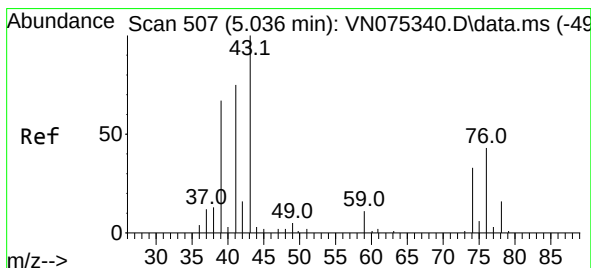
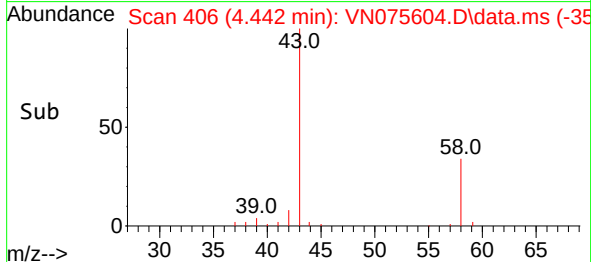
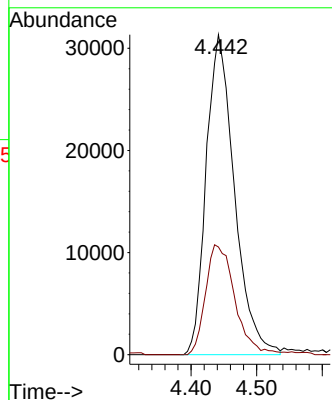
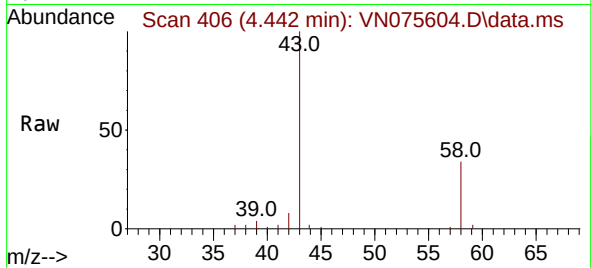




#16
Acetone
Concen: 104.878 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

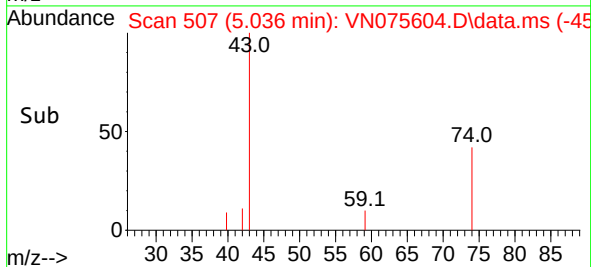
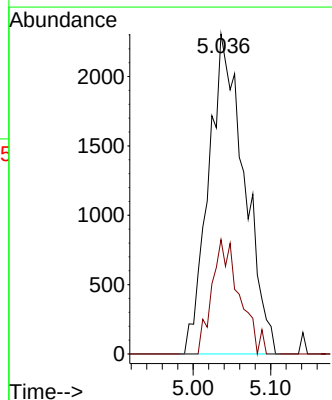
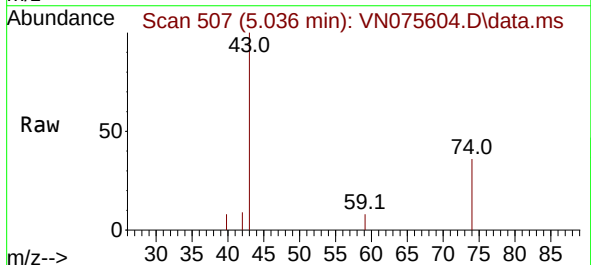
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

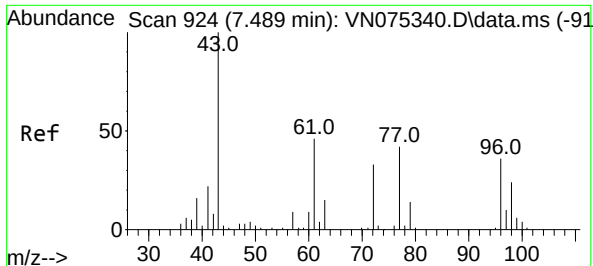
Tgt Ion: 43 Resp: 93725
Ion Ratio Lower Upper
43 100
58 33.6 25.5 38.3



#18
Methyl Acetate
Concen: 2.045 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

Tgt Ion: 43 Resp: 7406
Ion Ratio Lower Upper
43 100
74 27.5 22.0 33.0





#25

2-Butanone

Concen: 377.591 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075604.D

Acq: 07 Dec 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

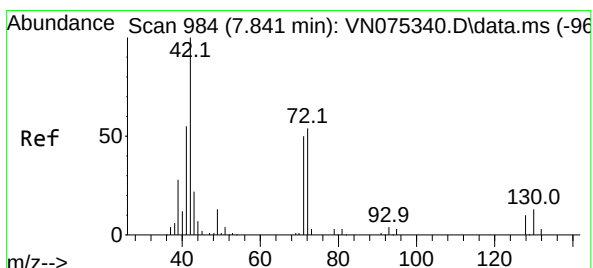
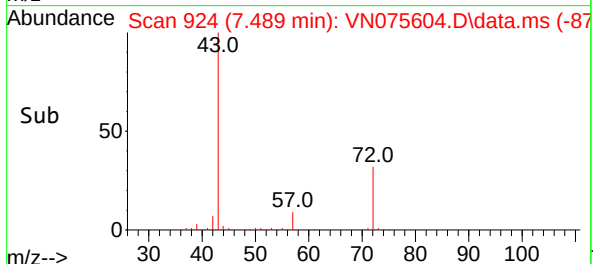
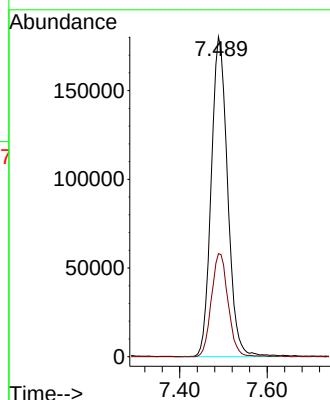
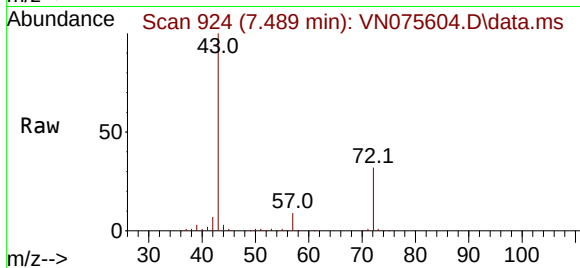
LIN-VRG-12-02

Tgt Ion: 43 Resp: 471107

Ion Ratio Lower Upper

43 100

72 32.2 25.5 38.3



#29

Tetrahydrofuran

Concen: 88.342 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN075604.D

Acq: 07 Dec 2022 13:22

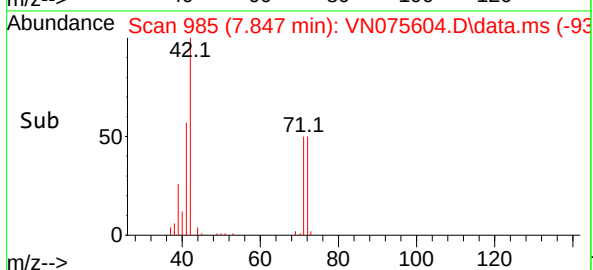
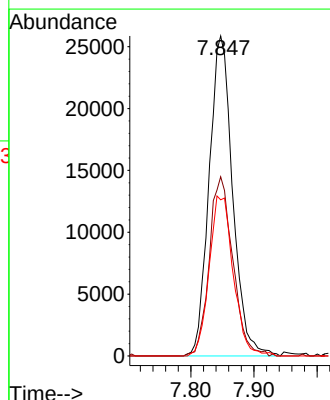
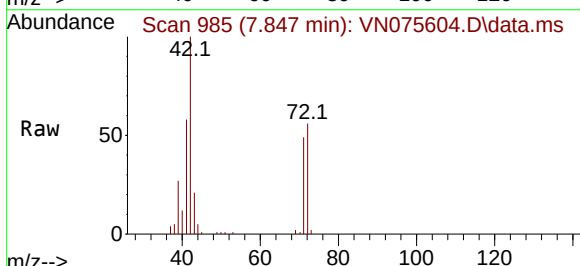
Tgt Ion: 42 Resp: 67044

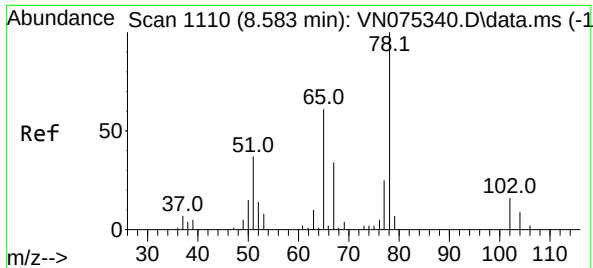
Ion Ratio Lower Upper

42 100

72 56.1 43.0 64.6

71 51.2 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 38.182 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075604.D

Acq: 07 Dec 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

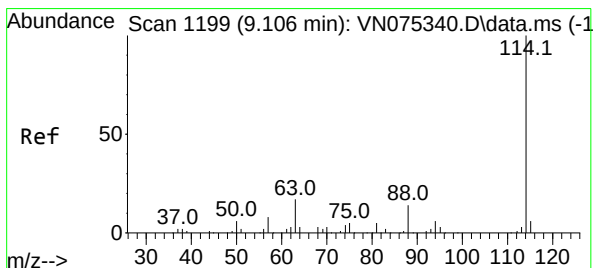
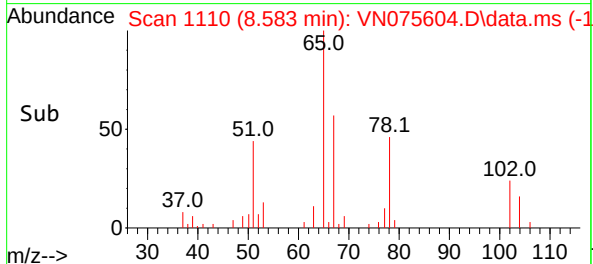
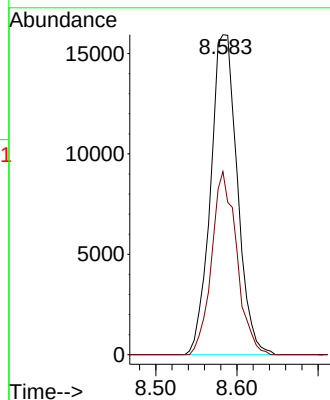
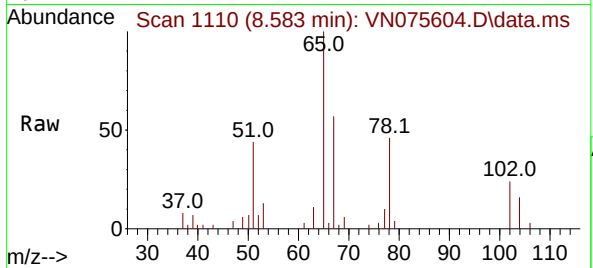
LIN-VRG-12-02

Tgt Ion: 65 Resp: 36582

Ion Ratio Lower Upper

65 100

67 53.4 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: VN075604.D

Acq: 07 Dec 2022 13:22

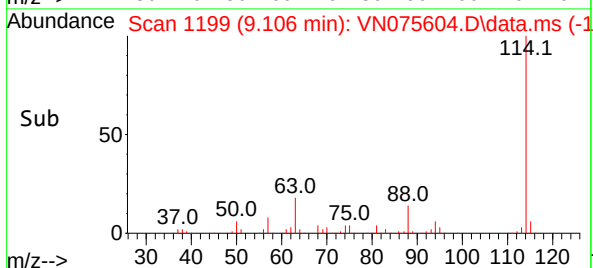
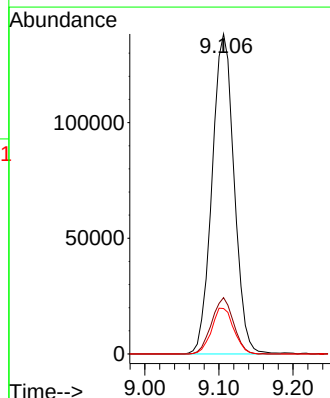
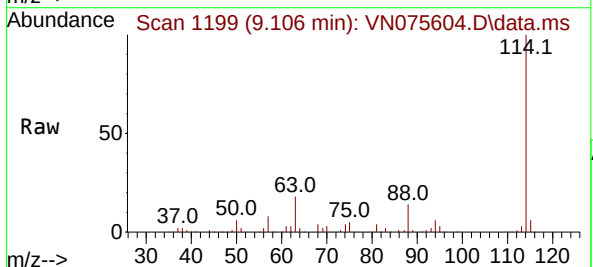
Tgt Ion: 114 Resp: 285906

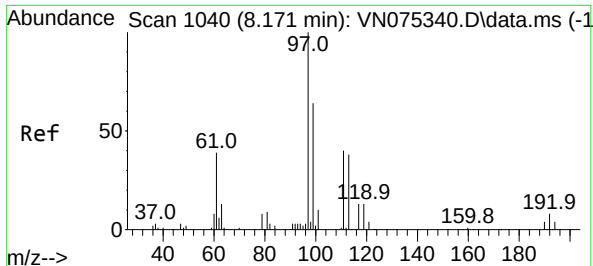
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 41.953 ug/l

RT: 8.171 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075604.D

Acq: 07 Dec 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

LIN-VRG-12-02

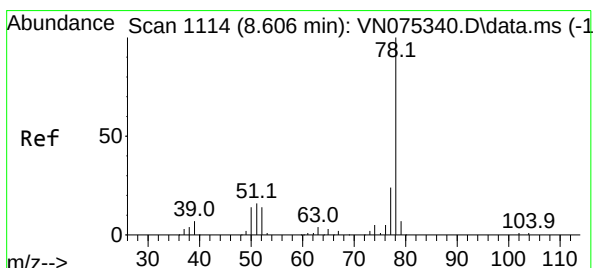
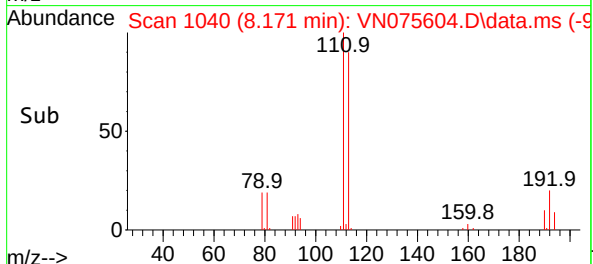
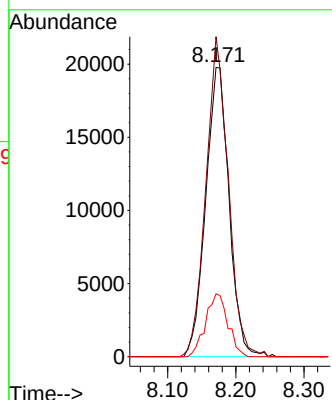
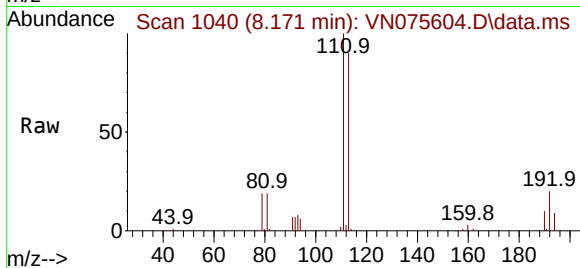
Tgt Ion:113 Resp: 47119

Ion Ratio Lower Upper

113 100

111 106.0 80.5 120.7

192 20.7 13.2 19.8#



#40

Benzene

Concen: 13.218 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075604.D

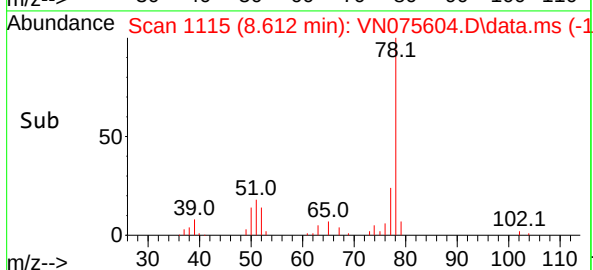
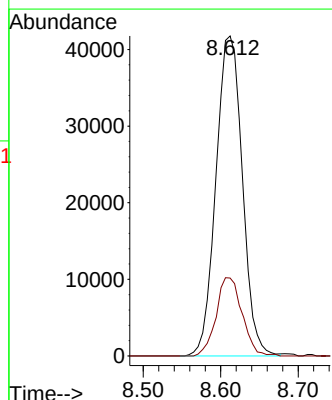
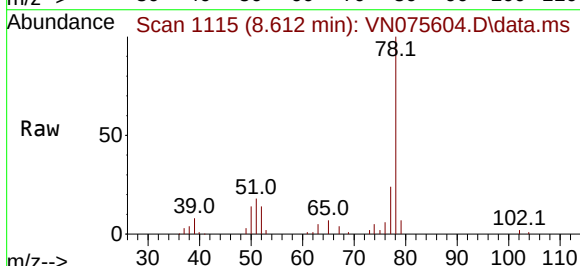
Acq: 07 Dec 2022 13:22

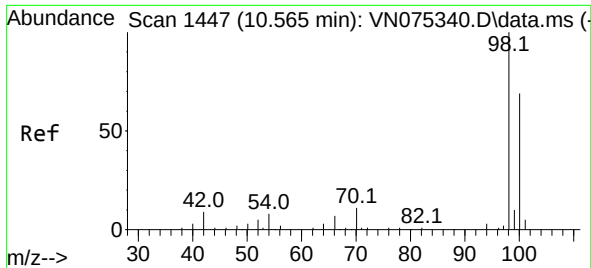
Tgt Ion: 78 Resp: 99121

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0

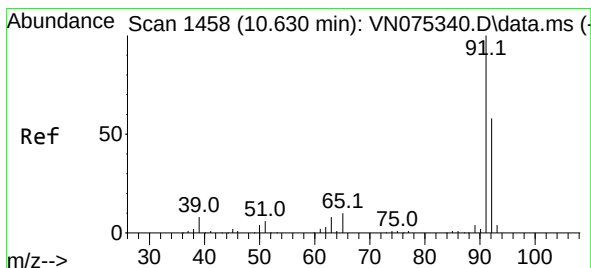
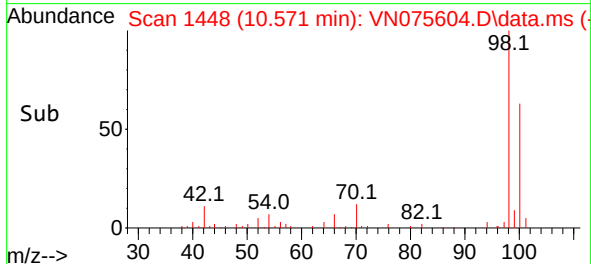
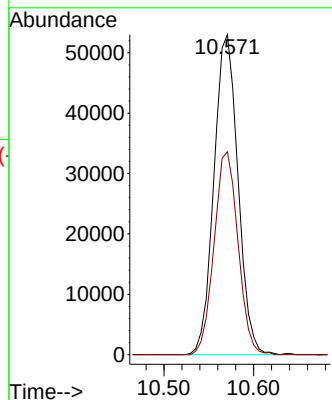
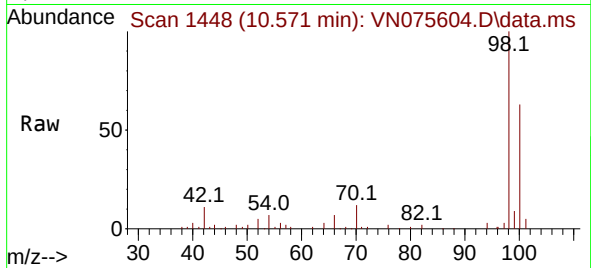




#50
Toluene-d8
Concen: 38.982 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

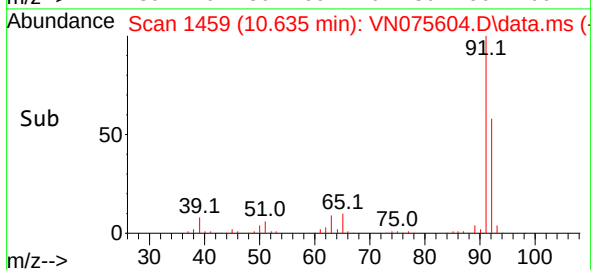
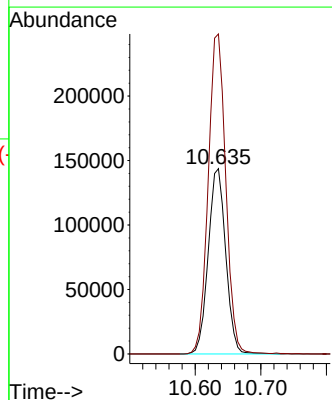
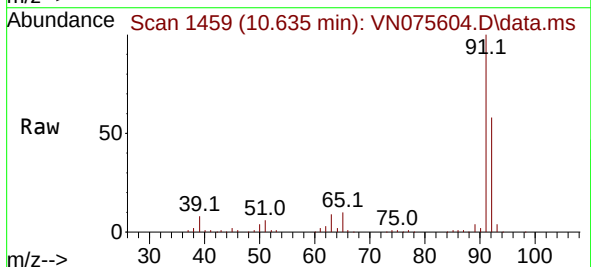
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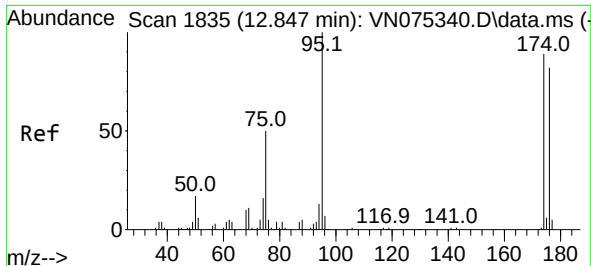
Tgt Ion: 98 Resp: 98610
Ion Ratio Lower Upper
98 100
100 63.1 53.0 79.6



#52
Toluene
Concen: 55.255 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

Tgt Ion: 92 Resp: 267018
Ion Ratio Lower Upper
92 100
91 173.0 135.4 203.2

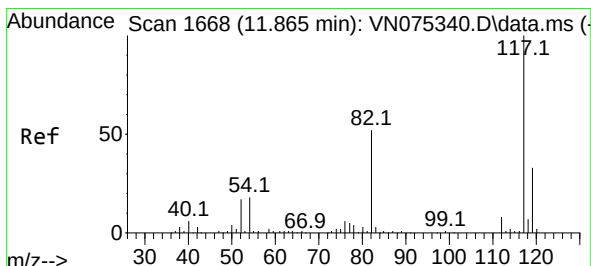
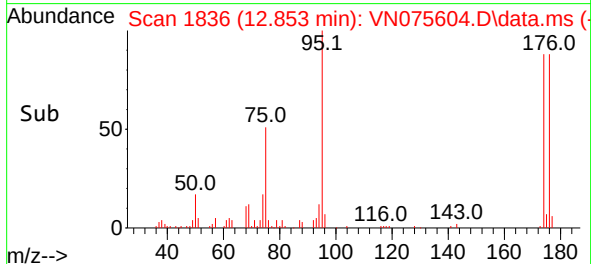
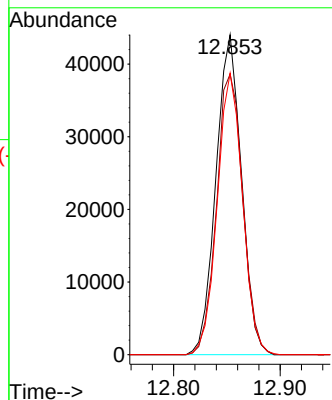
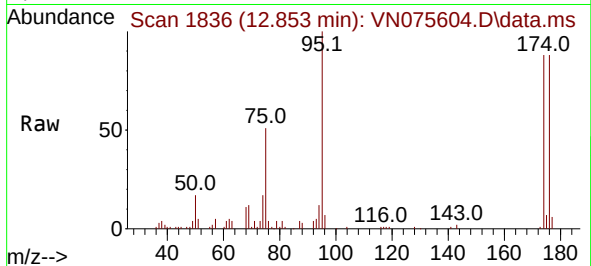




#62
4-Bromofluorobenzene
Concen: 39.279 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

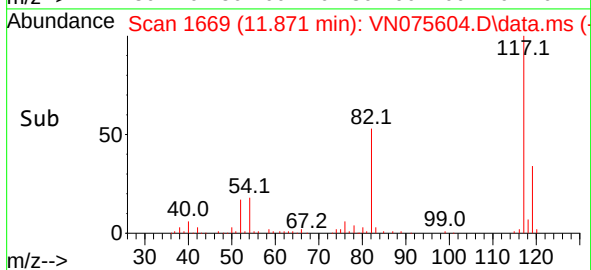
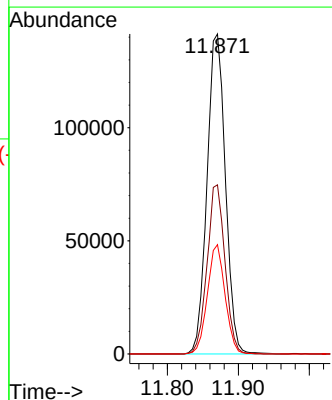
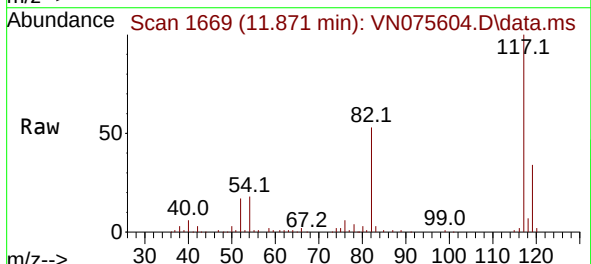
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

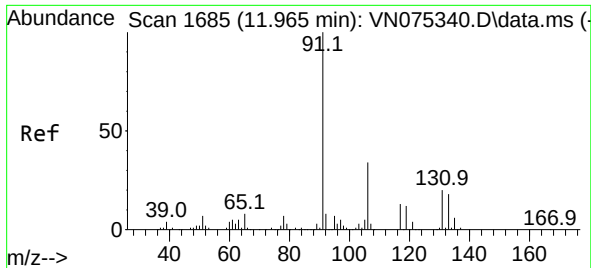
Tgt Ion: 95 Resp: 73339
Ion Ratio Lower Upper
95 100
174 90.1 0.0 147.4
176 87.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

Tgt Ion: 117 Resp: 254499
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 34.1 25.5 38.3

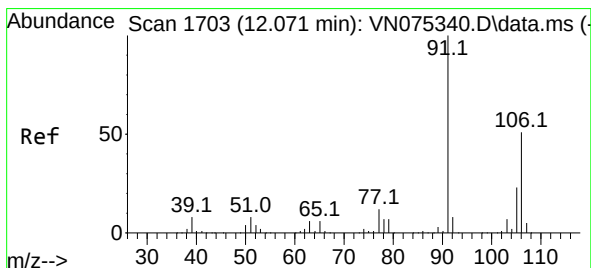
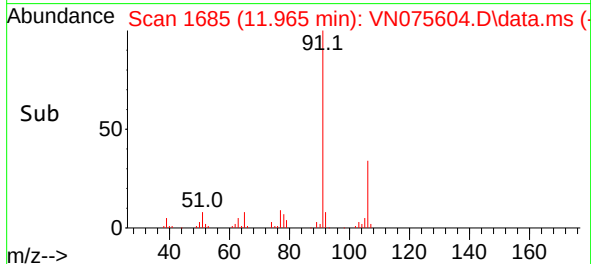
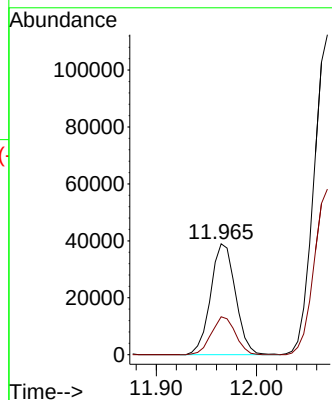
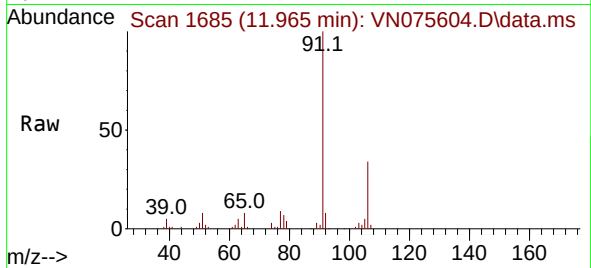




#67
Ethyl Benzene
Concen: 7.491 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

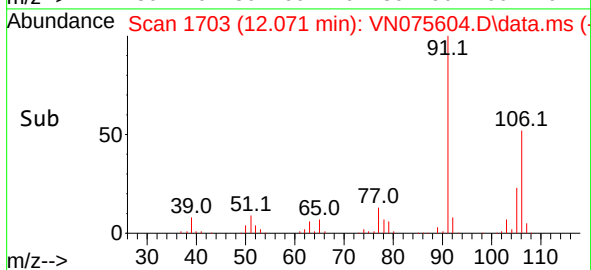
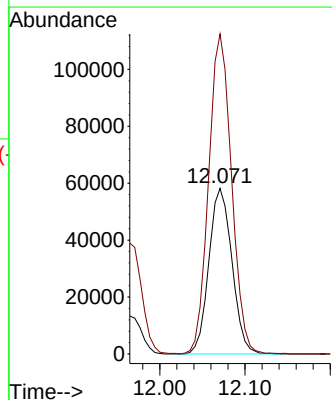
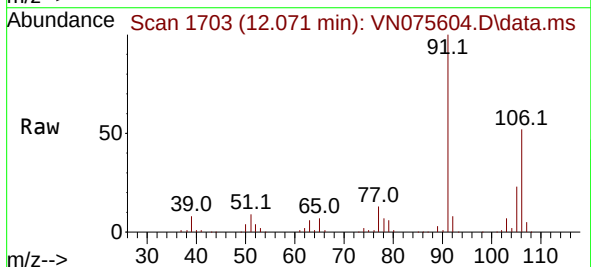
Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

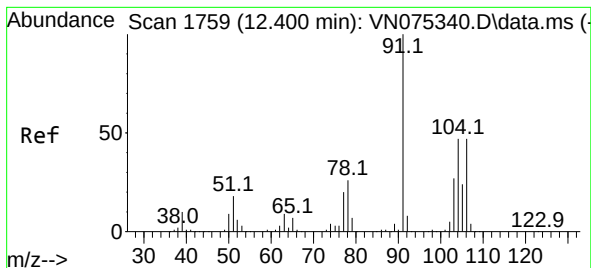
Tgt Ion: 91 Resp: 67172
Ion Ratio Lower Upper
91 100
106 34.1 24.9 37.3



#68
m/p-Xylenes
Concen: 30.074 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

Tgt Ion: 106 Resp: 109507
Ion Ratio Lower Upper
106 100
91 192.0 156.0 234.0





#69

o-Xylene

Concen: 14.877 ug/l

RT: 12.400 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075604.D

Acq: 07 Dec 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

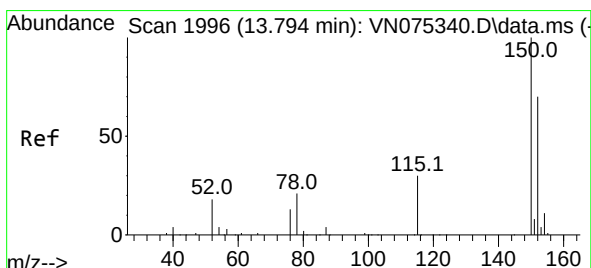
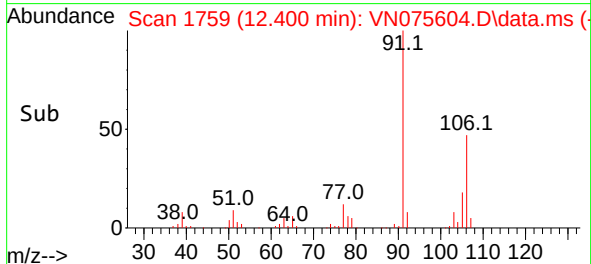
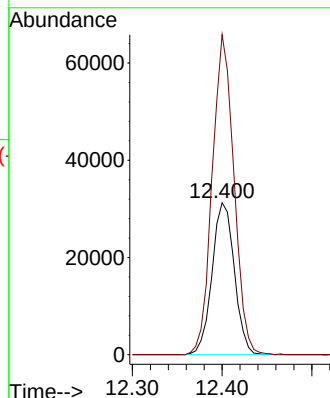
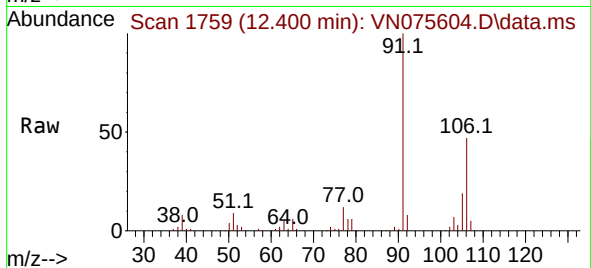
LIN-VRG-12-02

Tgt Ion:106 Resp: 53822

Ion Ratio Lower Upper

106 100

91 205.8 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN075604.D

Acq: 07 Dec 2022 13:22

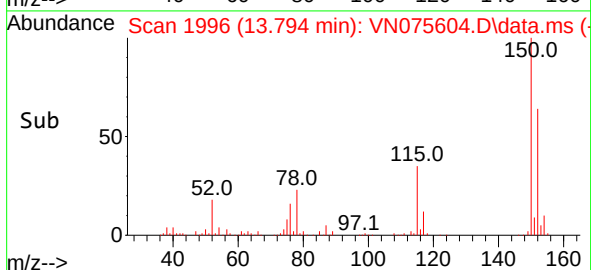
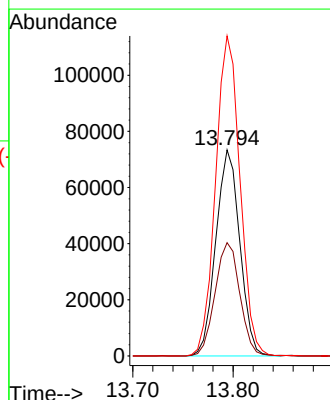
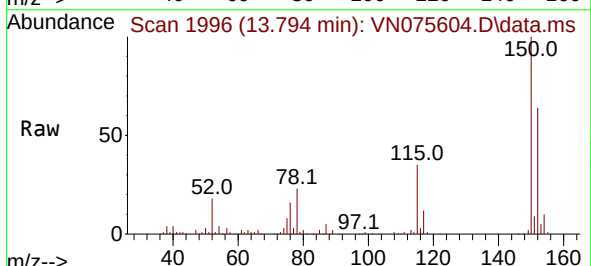
Tgt Ion:152 Resp: 121716

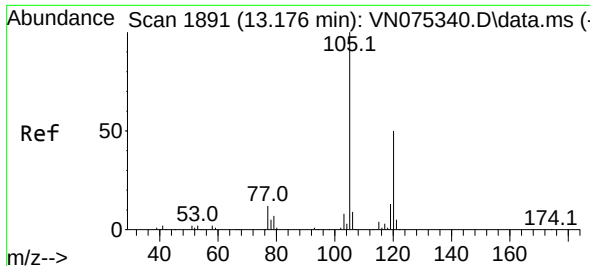
Ion Ratio Lower Upper

152 100

115 56.9 30.2 90.6

150 158.4 0.0 348.4

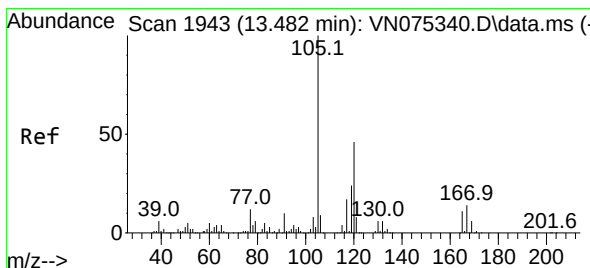
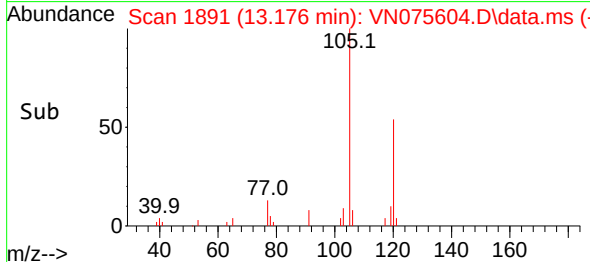
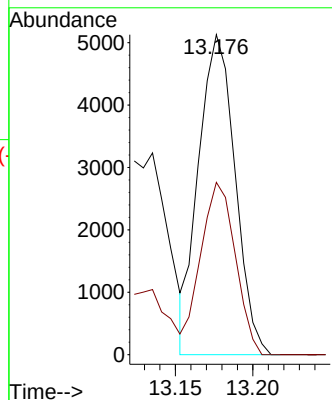
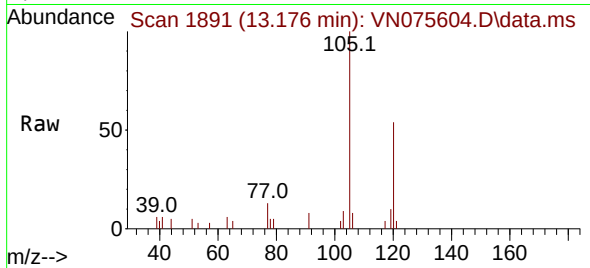




#80
1,3,5-Trimethylbenzene
Concen: 1.134 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
LIN-VRG-12-02

Tgt Ion:105 Resp: 8381
Ion Ratio Lower Upper
105 100
120 51.3 24.7 74.1



#84
1,2,4-Trimethylbenzene
Concen: 2.401 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075604.D
Acq: 07 Dec 2022 13:22

Tgt Ion:105 Resp: 17790
Ion Ratio Lower Upper
105 100
120 44.2 22.7 68.1

