

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075603.D
 Acq On : 07 Dec 2022 12:58
 Operator : JC\MD
 Sample : N5876-01 25X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 07 14:23:05 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)

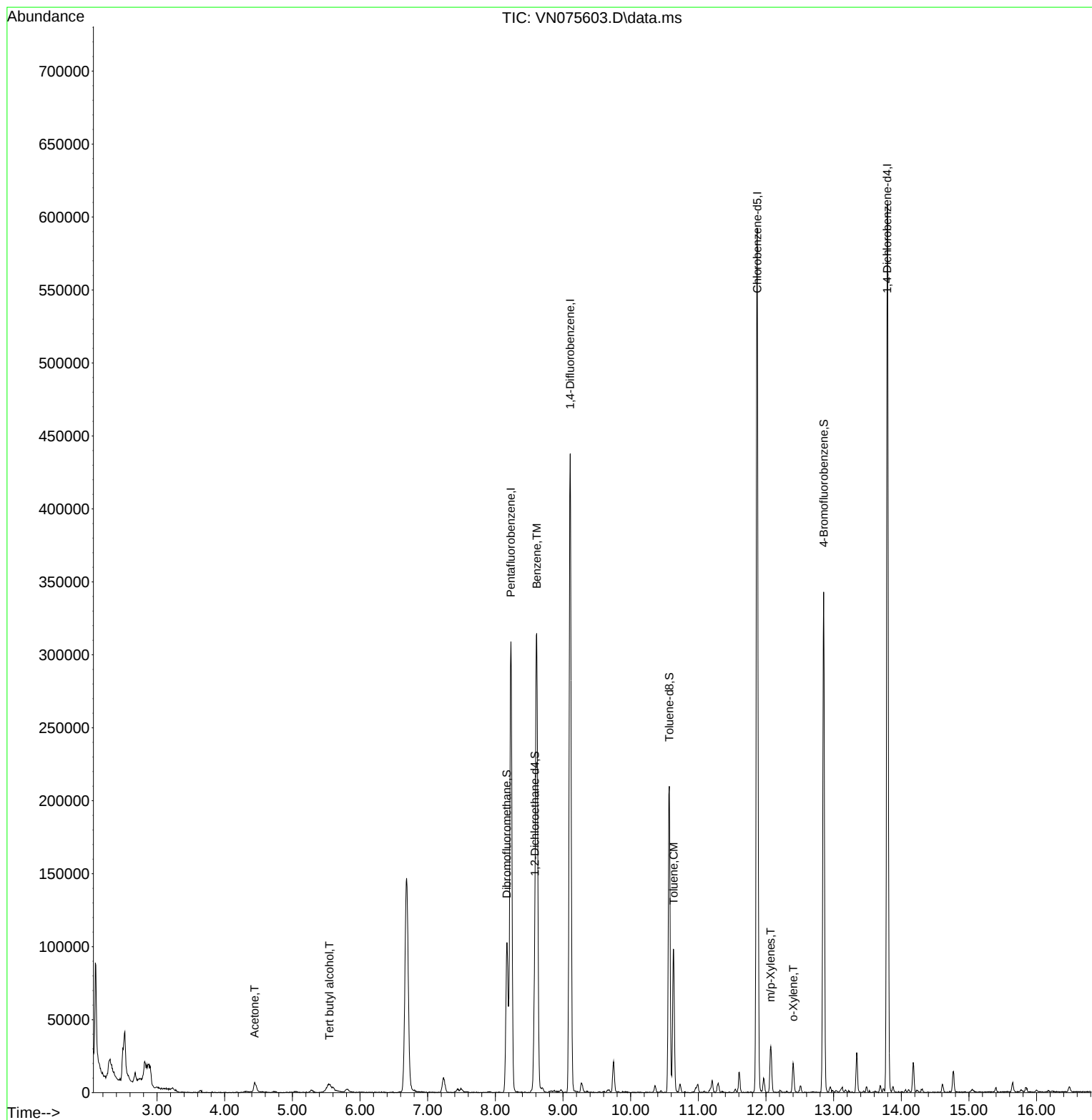
Internal Standards						
1) Pentafluorobenzene	8.229	168	244636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	410033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	363737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	58218	44.334	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.660%		
35) Dibromofluoromethane	8.171	113	74460	46.227	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.460%		
50) Toluene-d8	10.570	98	155475	42.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	85.720%#		
62) 4-Bromofluorobenzene	12.853	95	115748	43.226	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.460%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.547	59	11667	21.164	ug/l #	80
16) Acetone	4.441	43	12774	10.429	ug/l	99
40) Benzene	8.612	78	327320	30.435	ug/l	95
52) Toluene	10.635	92	47096	6.796	ug/l	98
68) m/p-Xylenes	12.070	106	11659	2.240	ug/l	93
69) o-Xylene	12.406	106	5939	1.149	ug/l	100

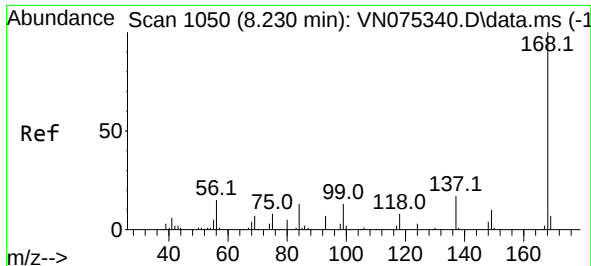
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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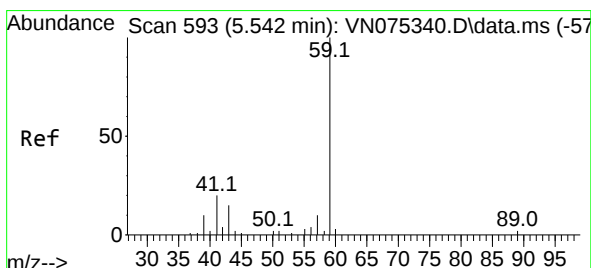
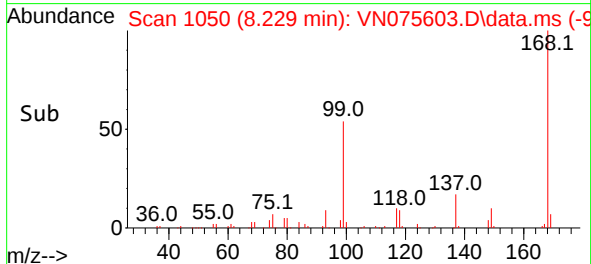
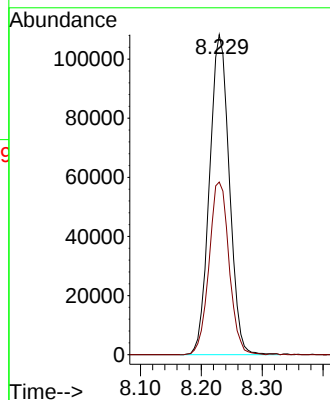
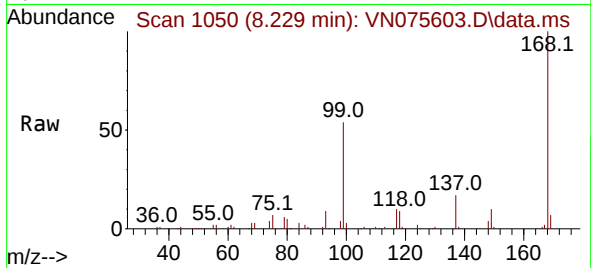




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

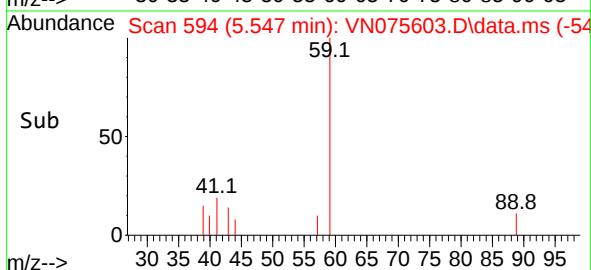
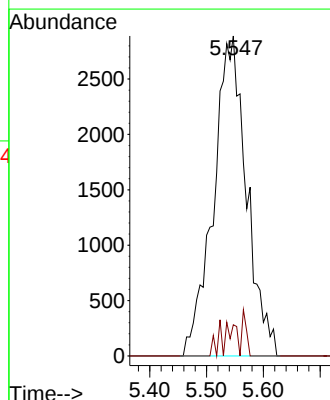
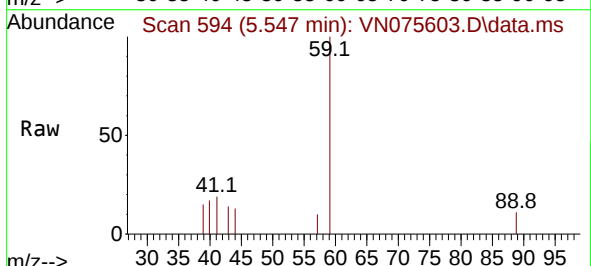
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

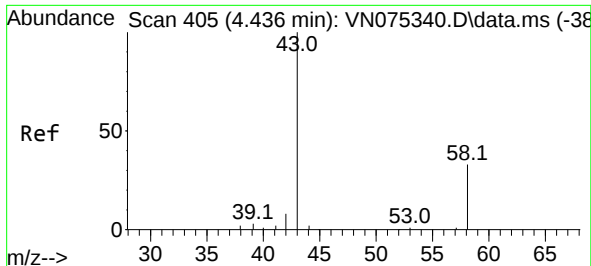
Tgt Ion:168 Resp: 244636
Ion Ratio Lower Upper
168 100
99 54.0 51.6 77.4



#11
Tert butyl alcohol
Concen: 21.164 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.005 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

Tgt Ion: 59 Resp: 11667
Ion Ratio Lower Upper
59 100
57 3.1 8.5 12.7#

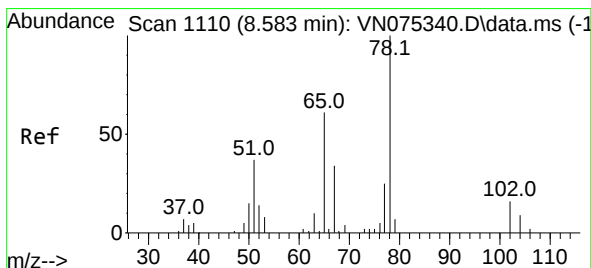
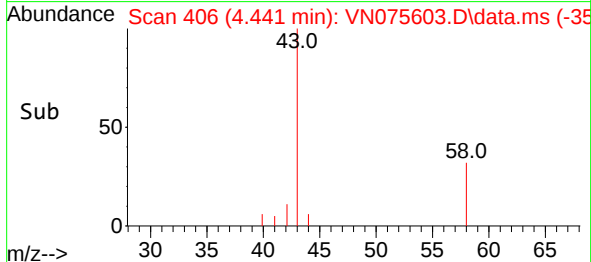
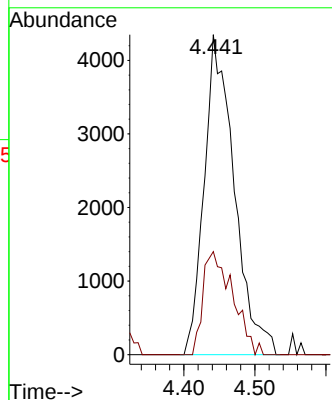
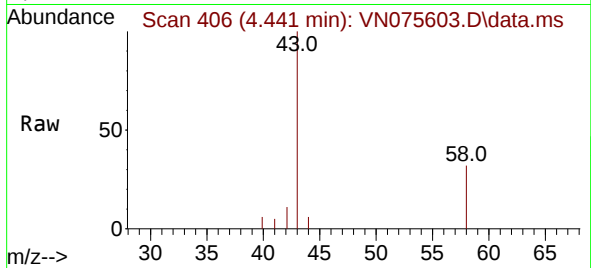




#16
Acetone
Concen: 10.429 ug/l
RT: 4.441 min Scan# 406
Delta R.T. 0.005 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

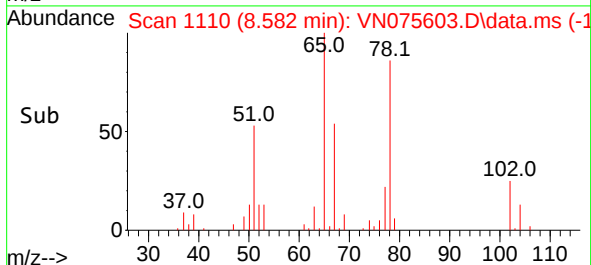
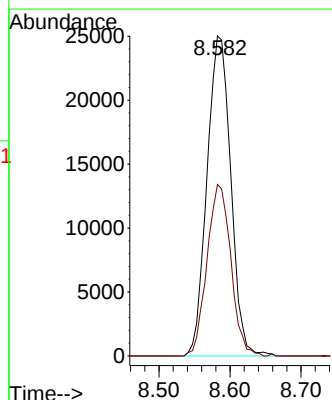
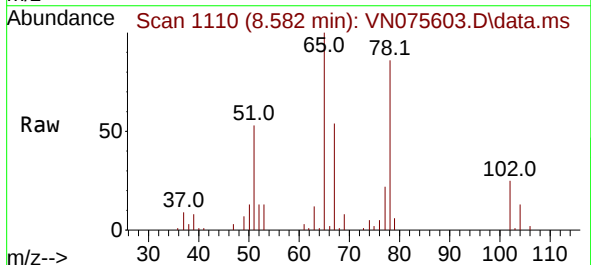
Instrument :
MSVOA_N
ClientSampleId :
LIN-SIL-12-02

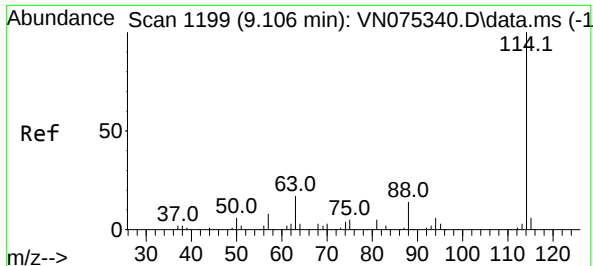
Tgt Ion: 43 Resp: 12774
Ion Ratio Lower Upper
43 100
58 32.2 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 44.334 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

Tgt Ion: 65 Resp: 58218
Ion Ratio Lower Upper
65 100
67 53.7 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: VN075603.D

Acq: 07 Dec 2022 12:58

Instrument :

MSVOA_N

ClientSampleId :

LIN-SIL-12-02

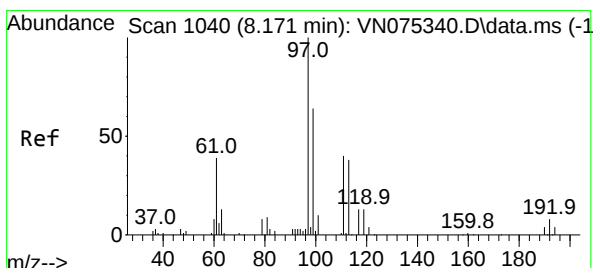
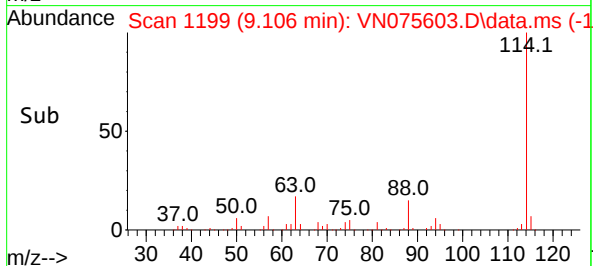
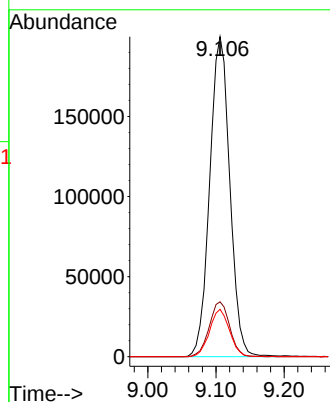
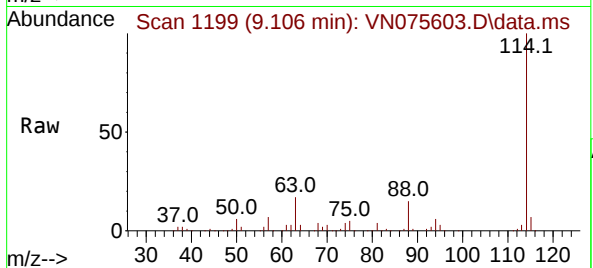
Tgt Ion:114 Resp: 410033

Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.227 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075603.D

Acq: 07 Dec 2022 12:58

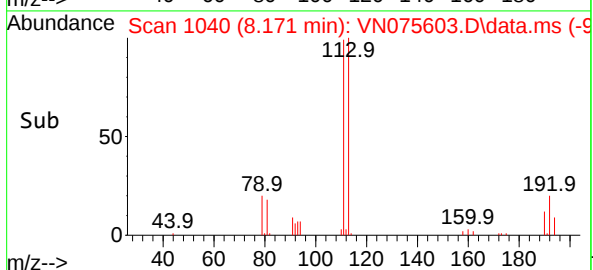
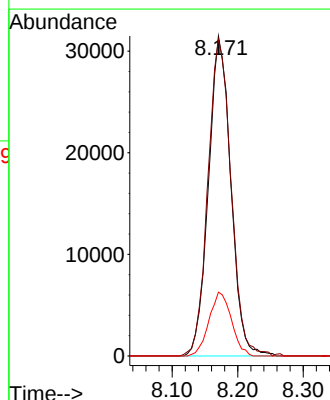
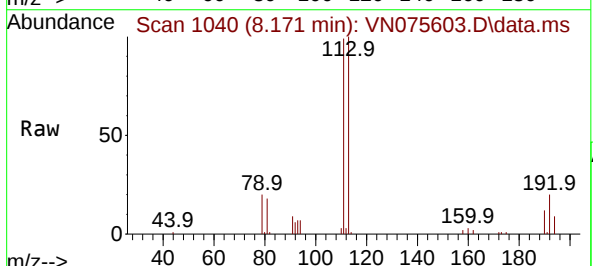
Tgt Ion:113 Resp: 74460

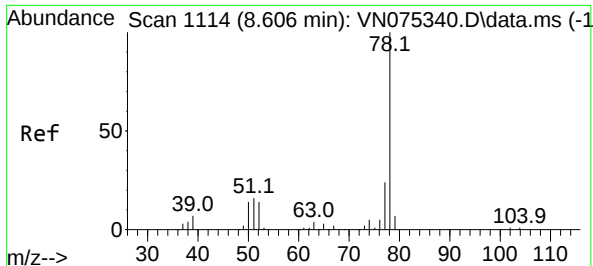
Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

192 20.0 13.2 19.8#

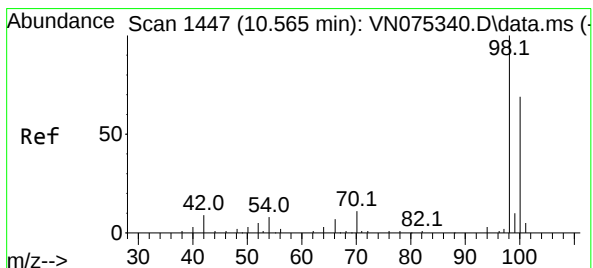
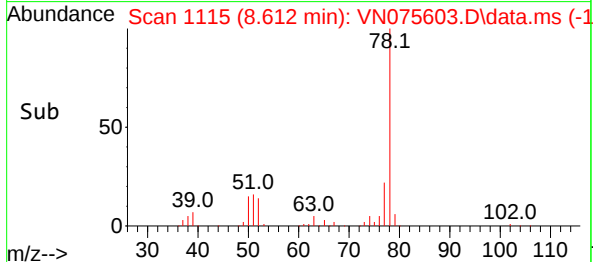
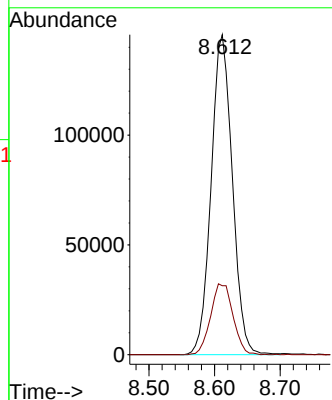
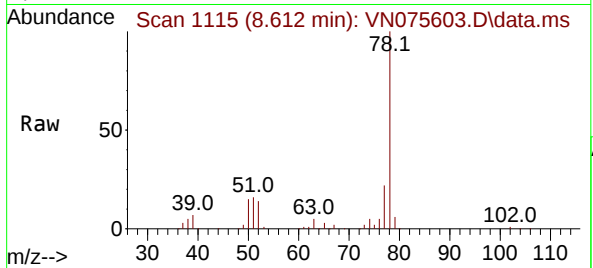




#40
Benzene
Concen: 30.435 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

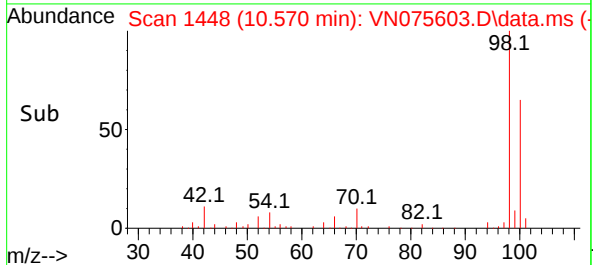
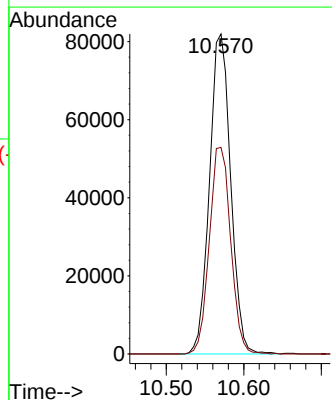
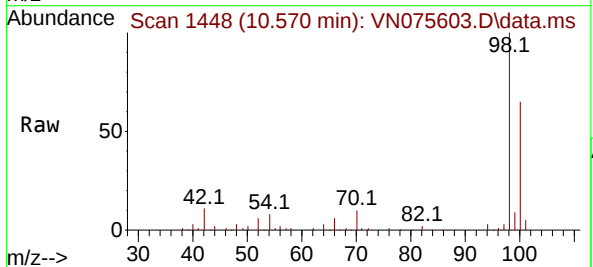
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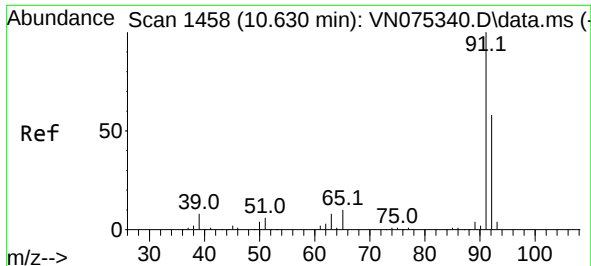
Tgt Ion: 78 Resp: 327320
Ion Ratio Lower Upper
78 100
77 21.6 19.4 29.0



#50
Toluene-d8
Concen: 42.856 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. 0.005 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

Tgt Ion: 98 Resp: 155475
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.6

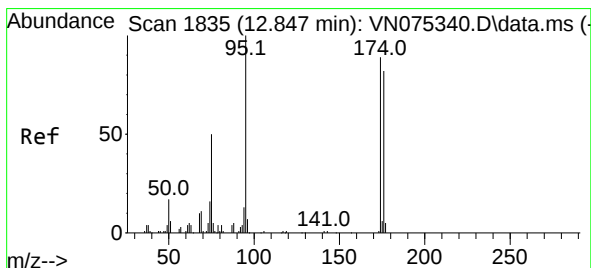
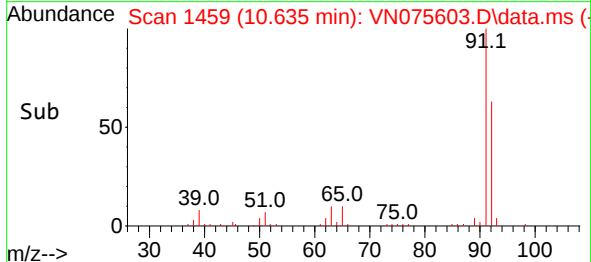
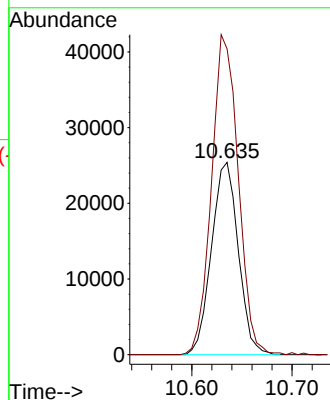
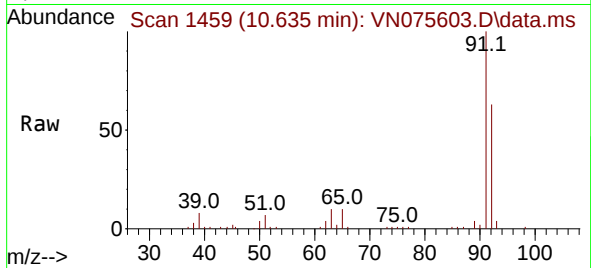




#52
Toluene
Concen: 6.796 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

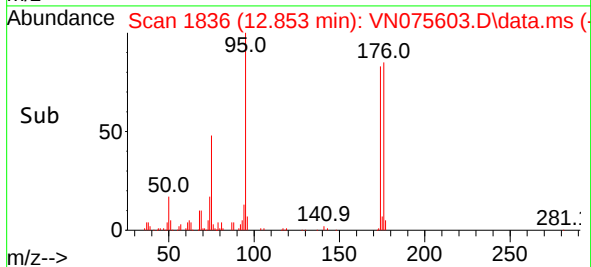
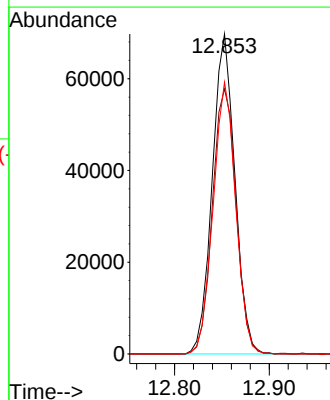
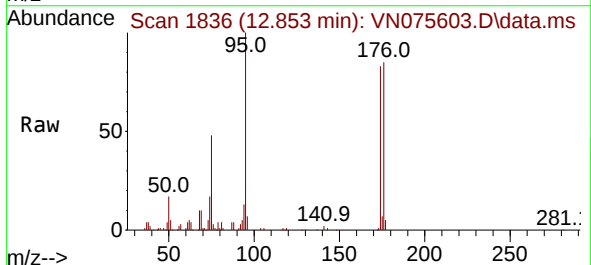
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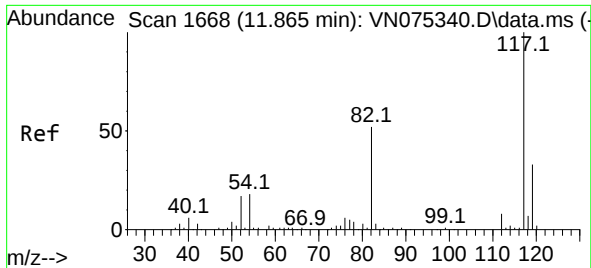
Tgt Ion: 92 Resp: 47096
Ion Ratio Lower Upper
92 100
91 166.0 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 43.226 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

Tgt Ion: 95 Resp: 115748
Ion Ratio Lower Upper
95 100
174 86.9 0.0 147.4
176 84.9 0.0 142.2

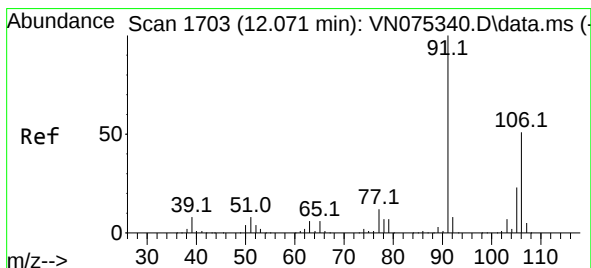
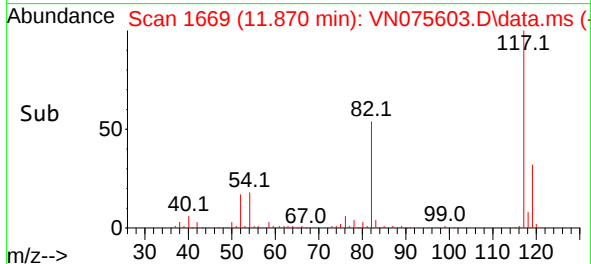
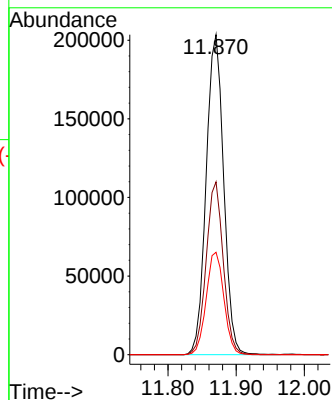
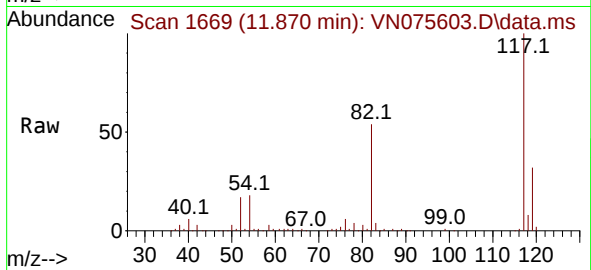




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

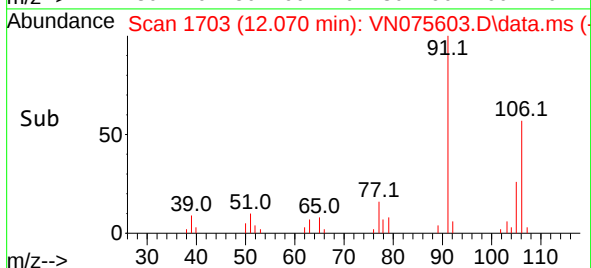
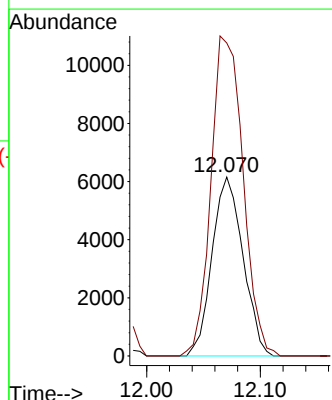
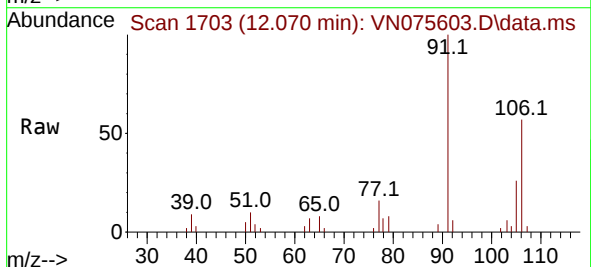
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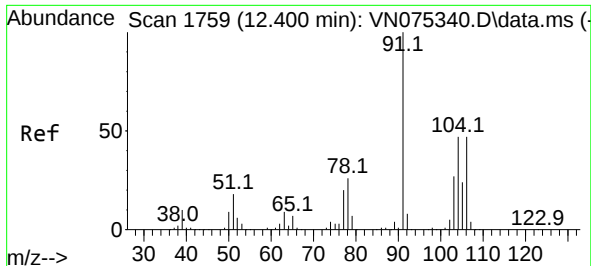
Tgt Ion:117 Resp: 363737
Ion Ratio Lower Upper
117 100
82 54.0 43.1 64.7
119 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 2.240 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

Tgt Ion:106 Resp: 11659
Ion Ratio Lower Upper
106 100
91 185.2 156.0 234.0

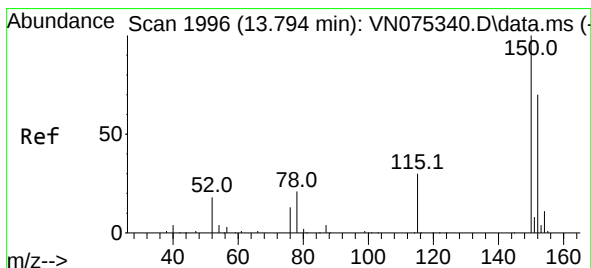
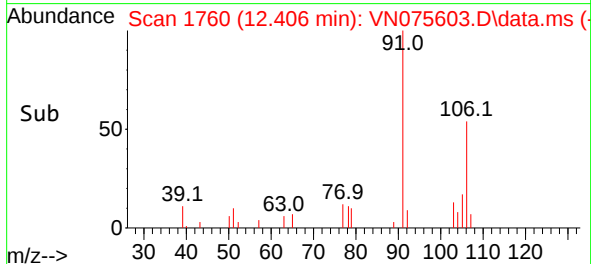
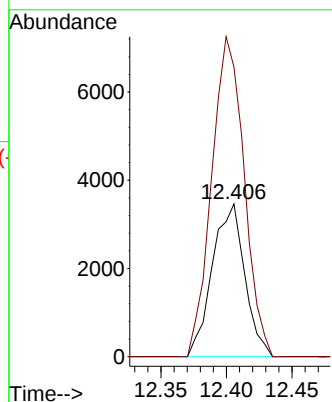
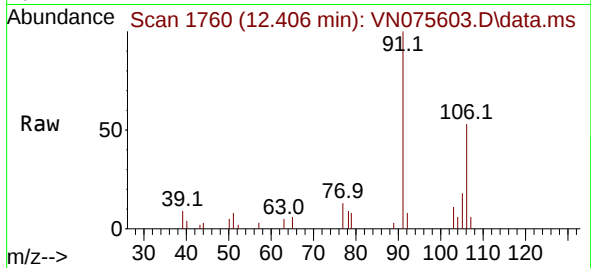




#69
o-Xylene
Concen: 1.149 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

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

Tgt Ion:106 Resp: 5939
Ion Ratio Lower Upper
106 100
91 210.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075603.D
Acq: 07 Dec 2022 12:58

Tgt Ion:152 Resp: 173106
Ion Ratio Lower Upper
152 100
115 57.9 30.2 90.6
150 157.4 0.0 348.4

