

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075611.D
 Acq On : 07 Dec 2022 17:01
 Operator : JC\MD
 Sample : N5876-09 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Dec 07 17:53:56 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)

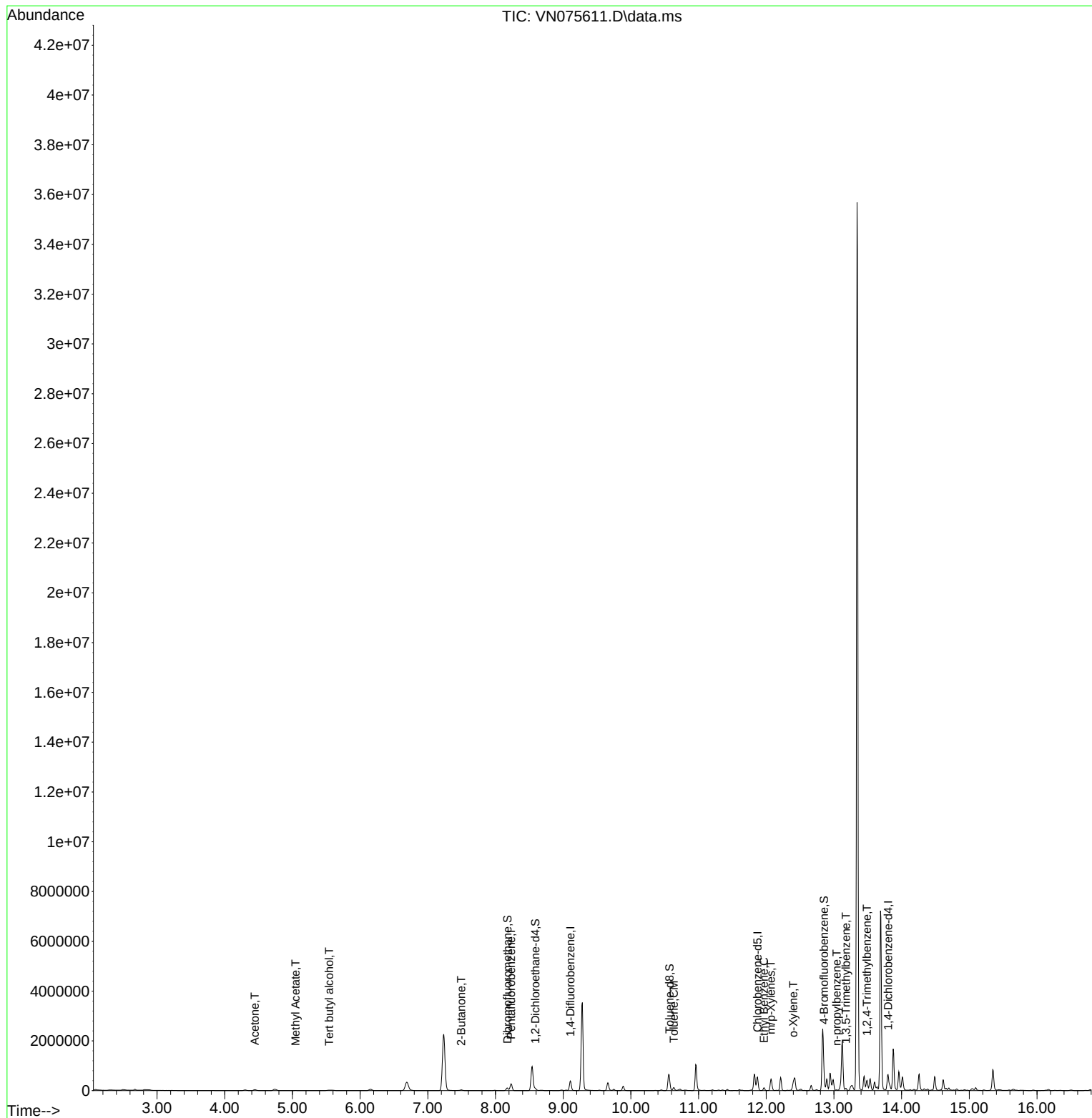
Internal Standards						
1) Pentafluorobenzene	8.229	168	220664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	361174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	330912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	177498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	61042	51.534	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.060%	
35) Dibromofluoromethane	8.177	113	75372	53.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.240%	
50) Toluene-d8	10.571	98	170378	53.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.853	95	134701	57.109	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.541	59	42956	86.389	ug/l	99
16) Acetone	4.441	43	76611	69.341	ug/l	96
18) Methyl Acetate	5.047	43	11808	3.023	ug/l	97
25) 2-Butanone	7.494	43	44353	28.754	ug/l	100
52) Toluene	10.635	92	54034	8.851	ug/l	97
67) Ethyl Benzene	11.965	91	82836	7.105	ug/l	94
68) m/p-Xylenes	12.070	106	157774	33.324	ug/l	99
69) o-Xylene	12.400	106	94820	20.157	ug/l	96
78) n-propylbenzene	13.041	91	17999	1.244	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	44987	4.176	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	236964	21.927	ug/l	97

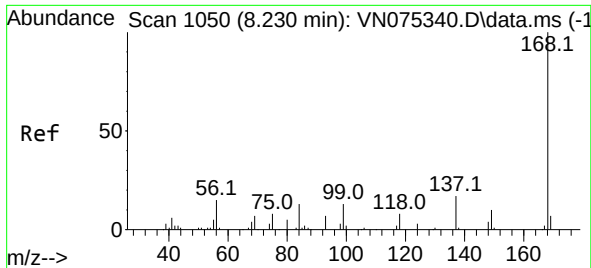
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
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CHA-12-02-SIL

Quant Time: Dec 07 17:53:56 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

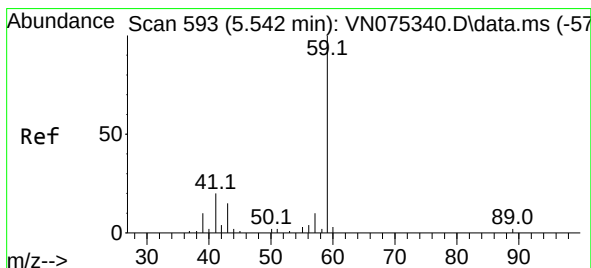
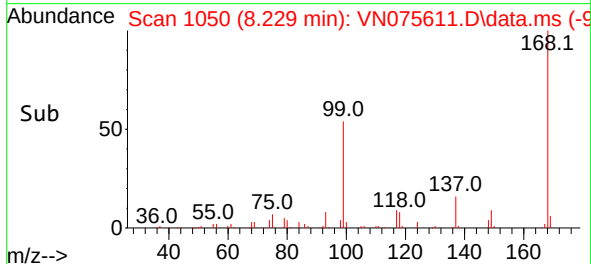
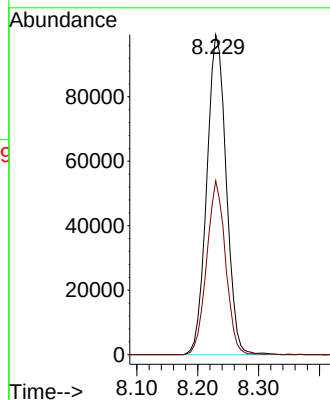
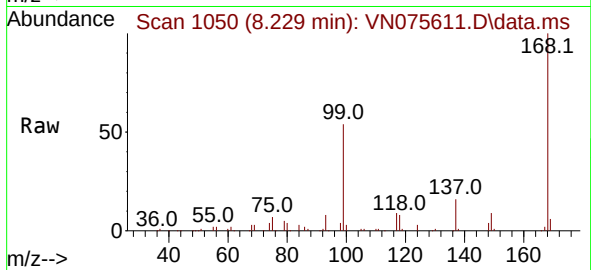




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

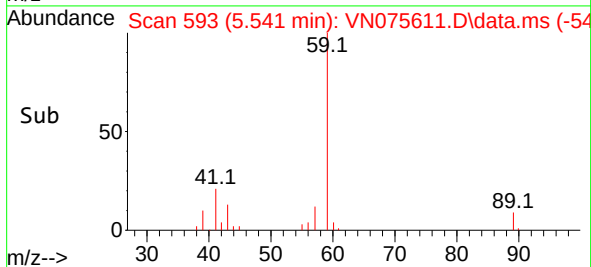
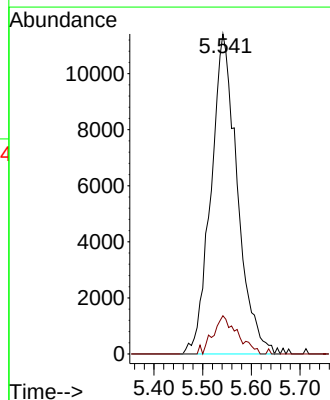
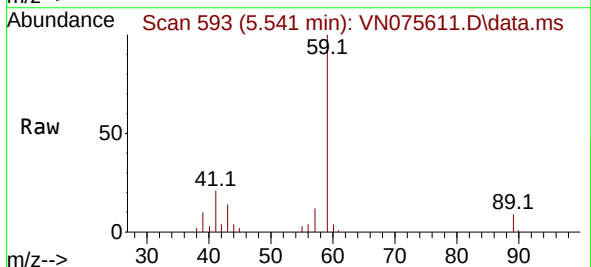
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

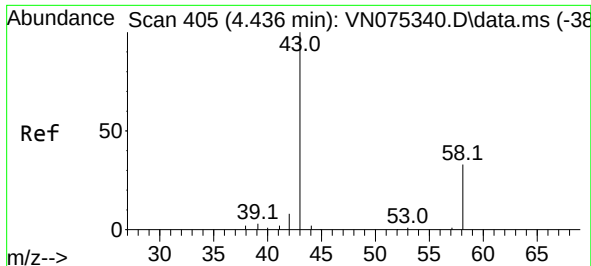
Tgt Ion:168 Resp: 220664
Ion Ratio Lower Upper
168 100
99 54.3 51.6 77.4



#11
Tert butyl alcohol
Concen: 86.389 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion: 59 Resp: 42956
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

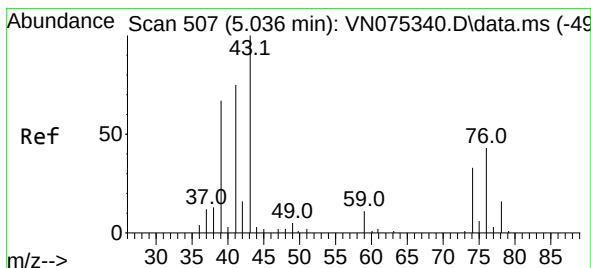
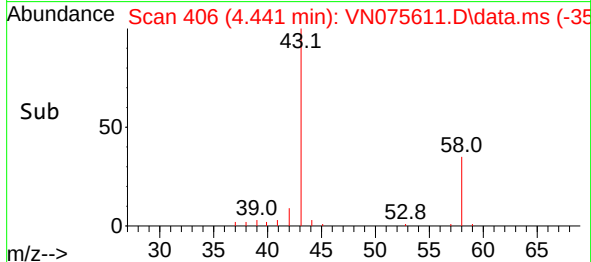
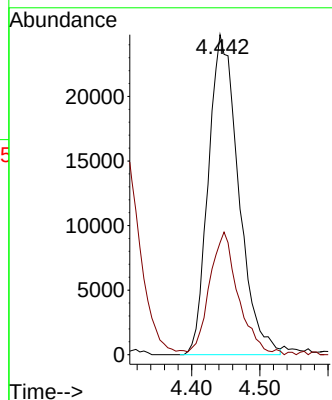
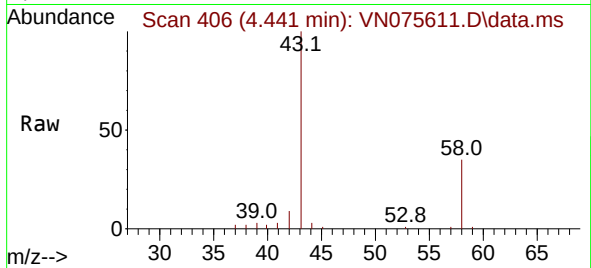




#16
Acetone
Concen: 69.341 ug/l
RT: 4.441 min Scan# 405
Delta R.T. 0.005 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

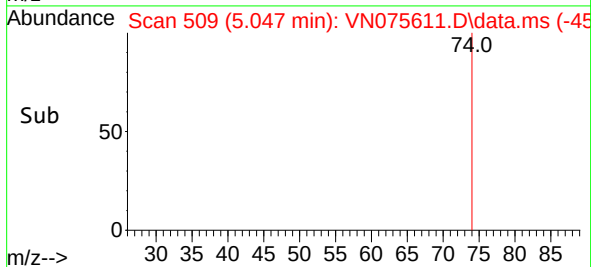
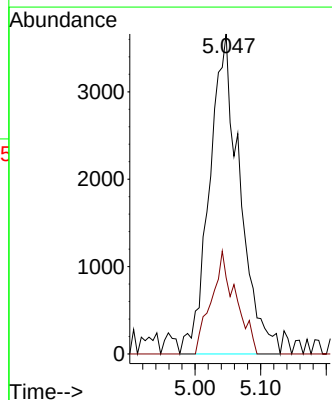
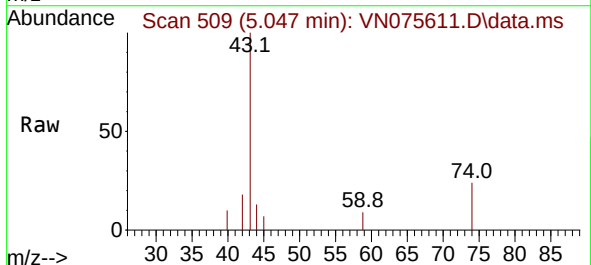
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

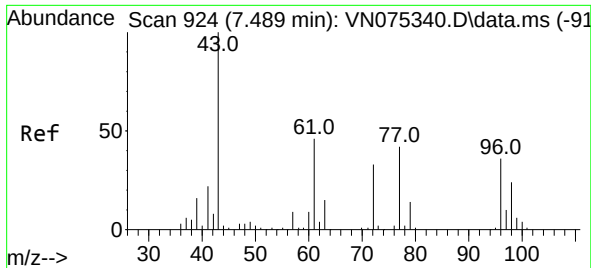
Tgt Ion: 43 Resp: 76611
Ion Ratio Lower Upper
43 100
58 33.9 25.5 38.3



#18
Methyl Acetate
Concen: 3.023 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion: 43 Resp: 11808
Ion Ratio Lower Upper
43 100
74 25.9 22.0 33.0

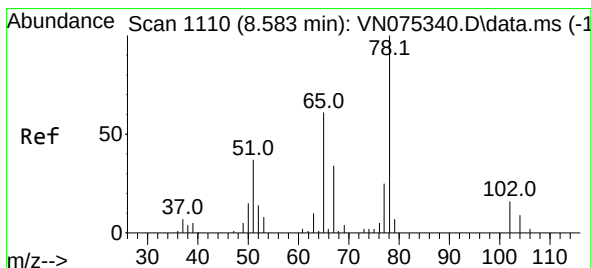
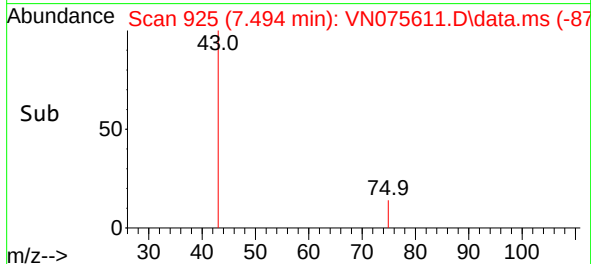
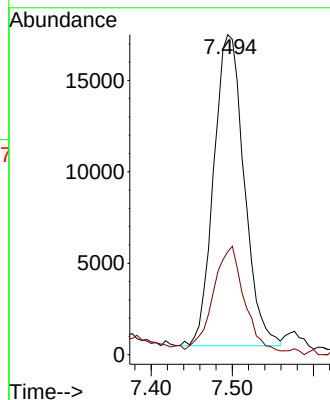
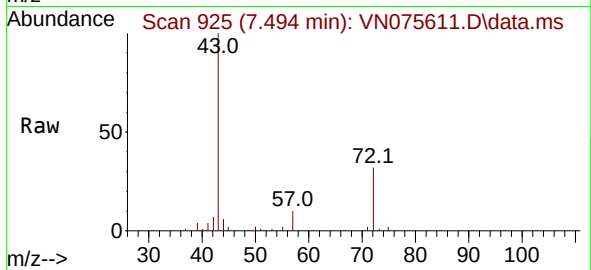




#25
2-Butanone
Concen: 28.754 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.005 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

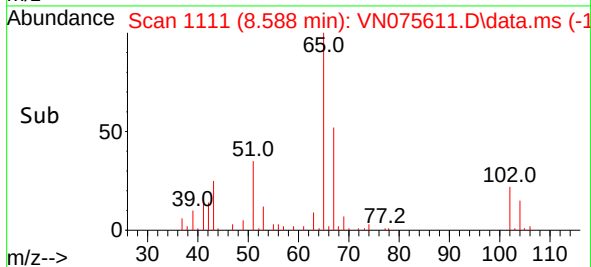
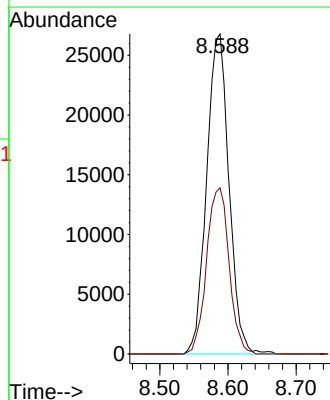
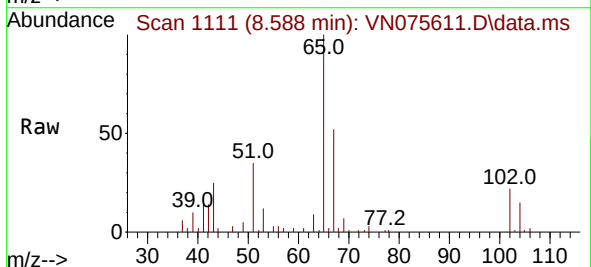
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

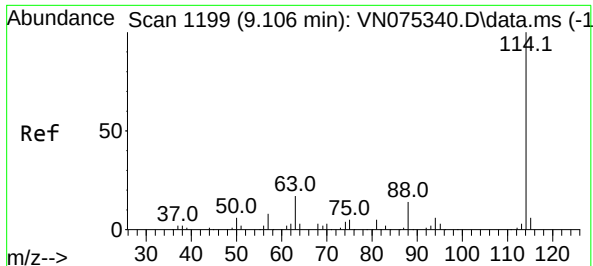
Tgt Ion: 43 Resp: 44353
Ion Ratio Lower Upper
43 100
72 31.8 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 51.534 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion: 65 Resp: 61042
Ion Ratio Lower Upper
65 100
67 52.3 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: VN075611.D

Acq: 07 Dec 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

CHA-12-02-SIL

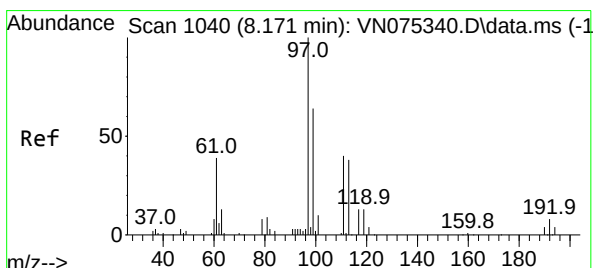
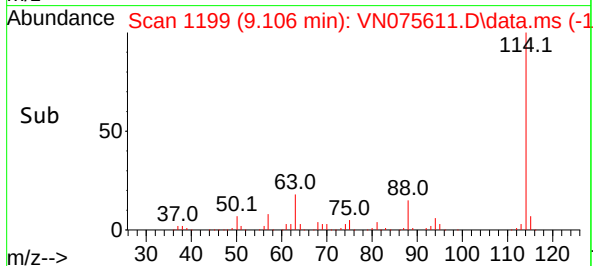
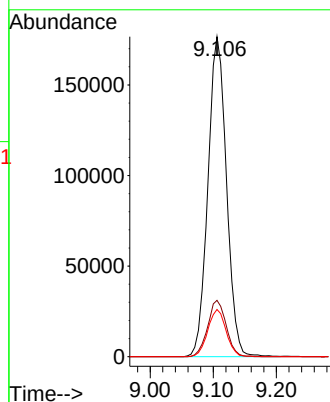
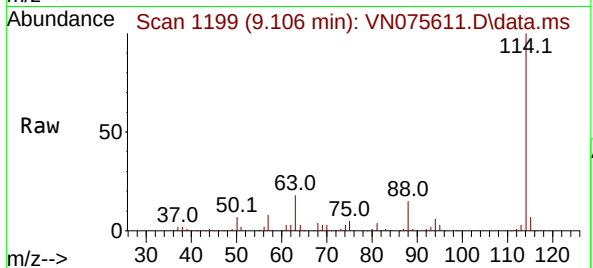
Tgt Ion:114 Resp: 361174

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.123 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075611.D

Acq: 07 Dec 2022 17:01

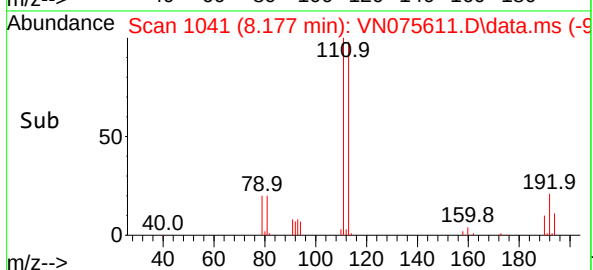
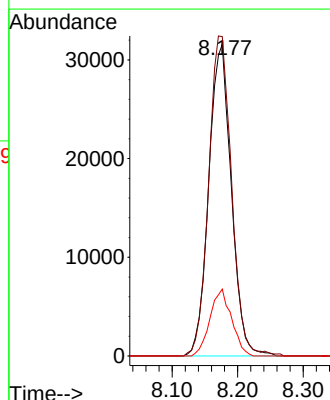
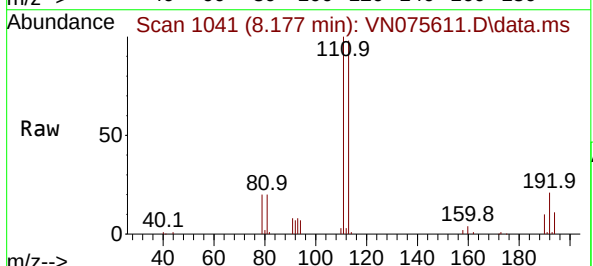
Tgt Ion:113 Resp: 75372

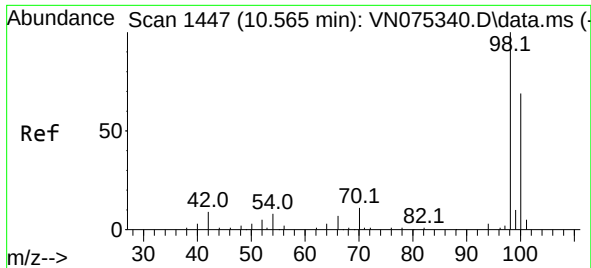
Ion Ratio Lower Upper

113 100

111 104.2 80.5 120.7

192 20.5 13.2 19.8#

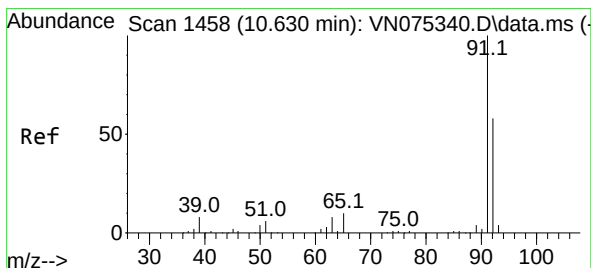
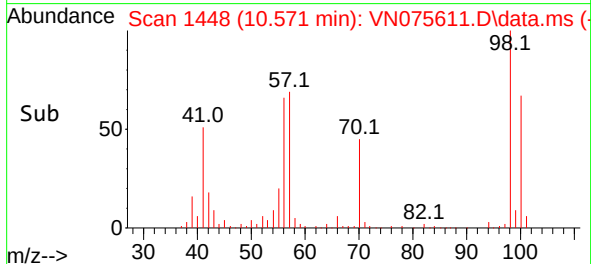
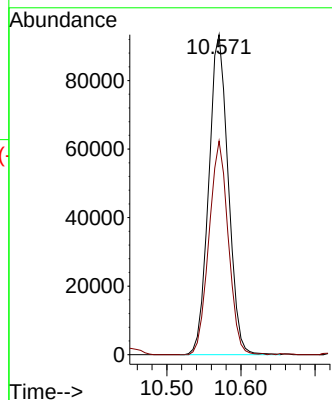
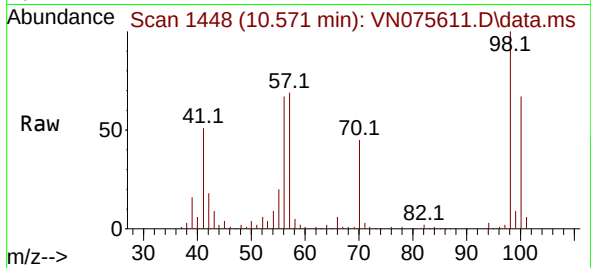




#50
Toluene-d8
Concen: 53.317 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

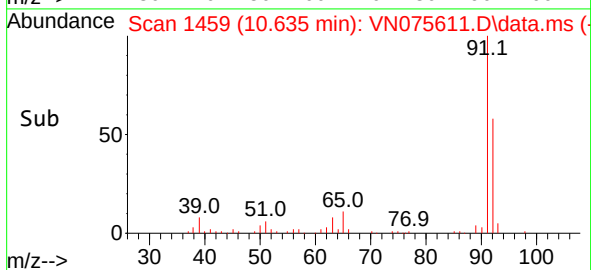
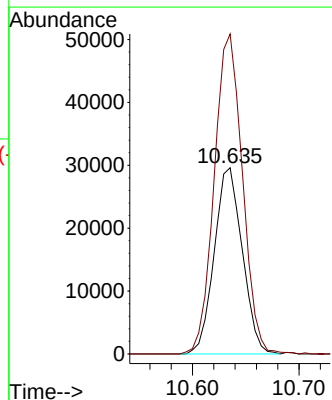
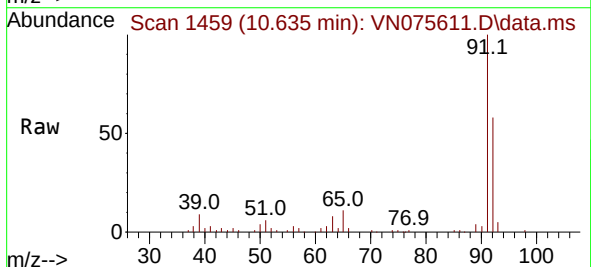
Instrument :
MSVOA_N
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CHA-12-02-SIL

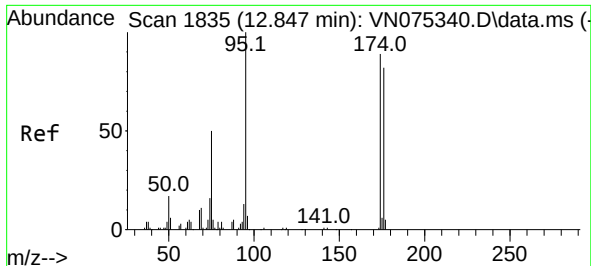
Tgt Ion: 98 Resp: 170378
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#52
Toluene
Concen: 8.851 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion: 92 Resp: 54034
Ion Ratio Lower Upper
92 100
91 173.3 135.4 203.2

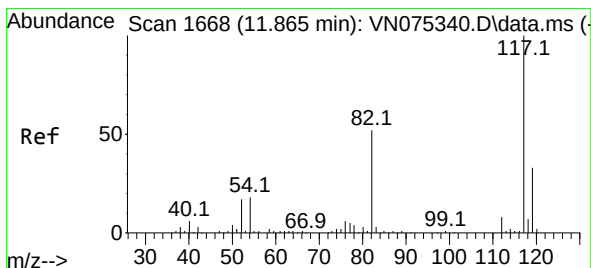
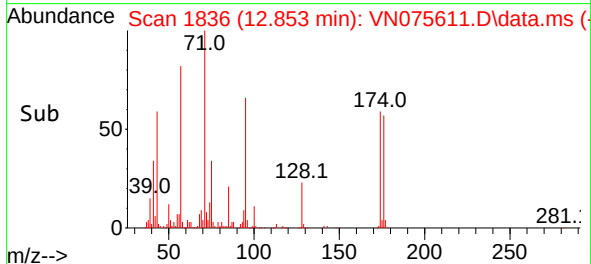
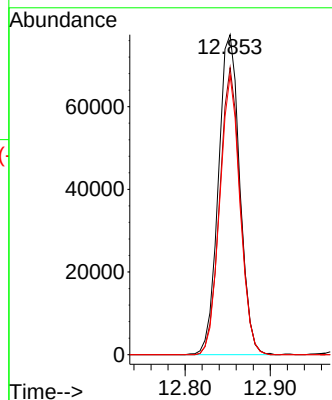
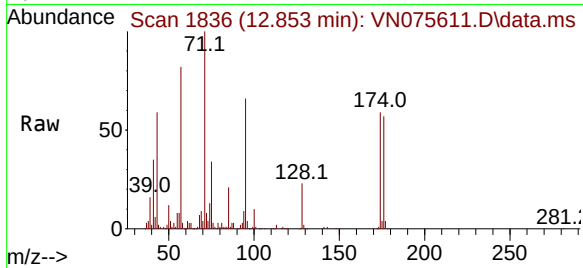




#62
4-Bromofluorobenzene
Concen: 57.109 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

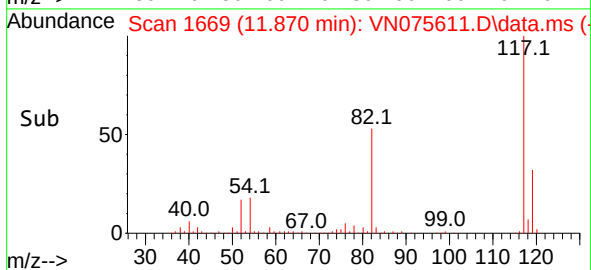
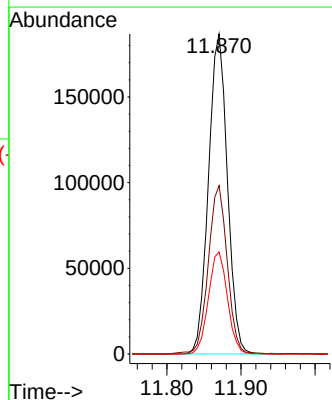
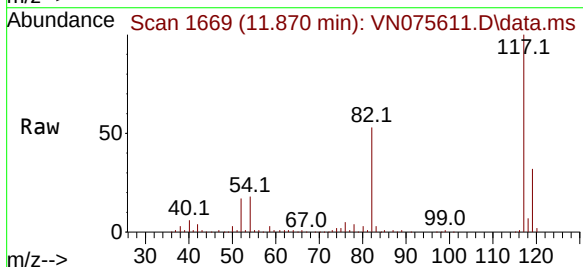
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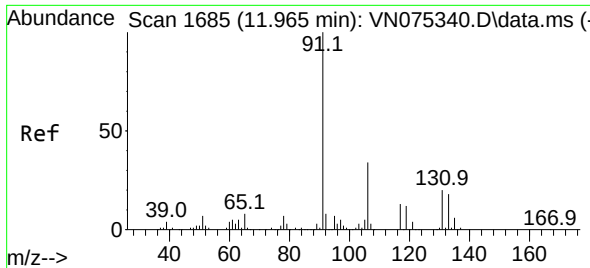
Tgt Ion: 95 Resp: 134701
Ion Ratio Lower Upper
95 100
174 85.8 0.0 147.4
176 82.7 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion: 117 Resp: 330912
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 31.9 25.5 38.3

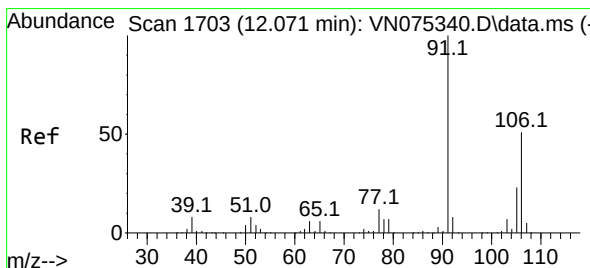
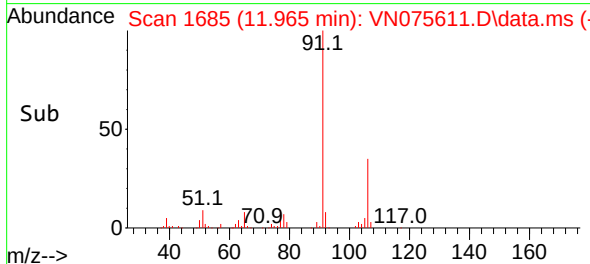
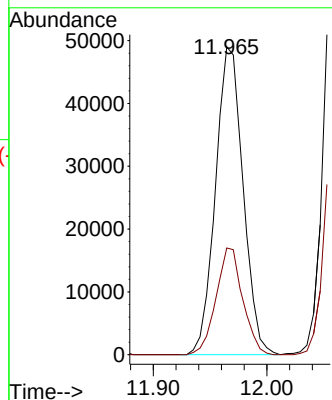
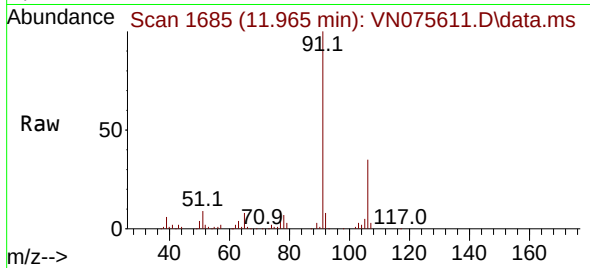




#67
Ethyl Benzene
Concen: 7.105 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

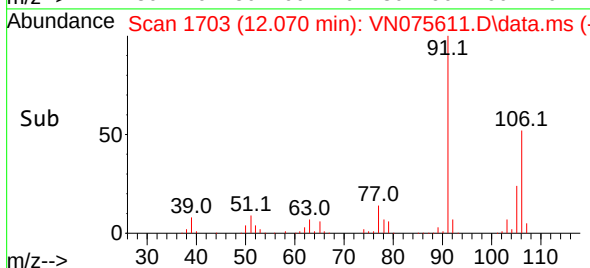
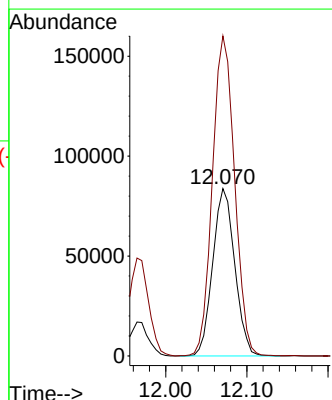
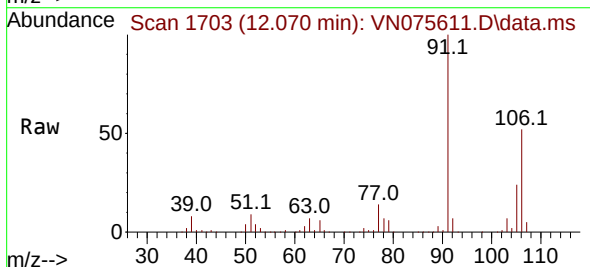
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

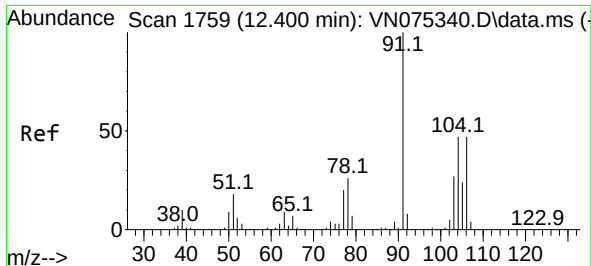
Tgt Ion: 91 Resp: 82836
Ion Ratio Lower Upper
91 100
106 34.7 24.9 37.3



#68
m/p-Xylenes
Concen: 33.324 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion: 106 Resp: 157774
Ion Ratio Lower Upper
106 100
91 192.9 156.0 234.0

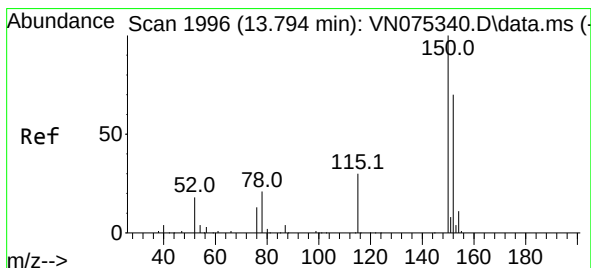
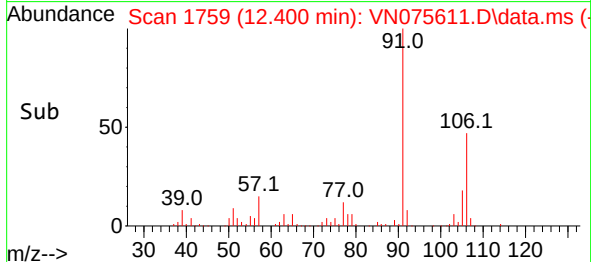
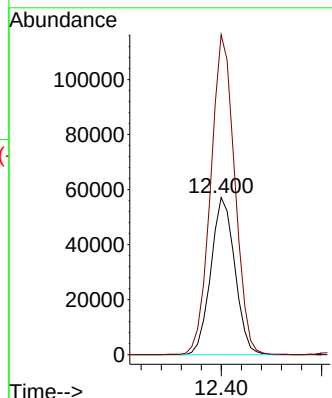
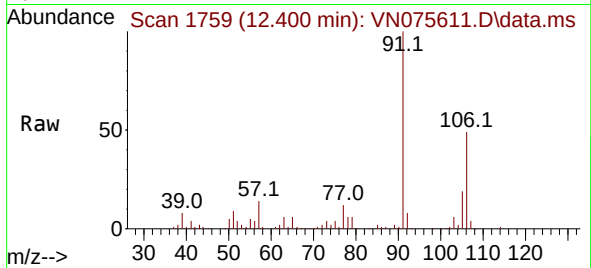




#69
o-Xylene
Concen: 20.157 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

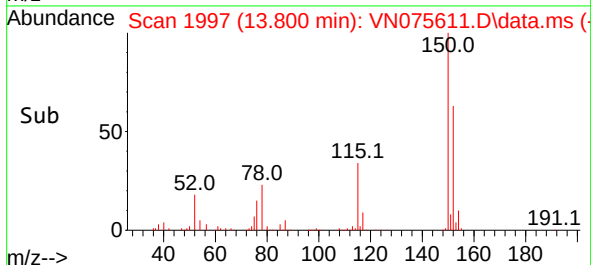
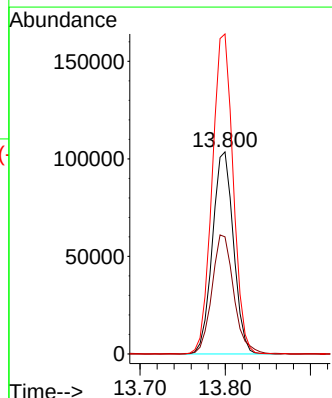
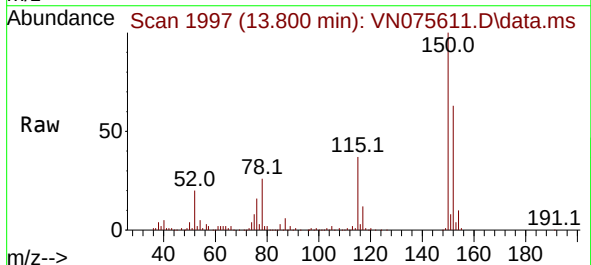
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ClientSampleId :
CHA-12-02-SIL

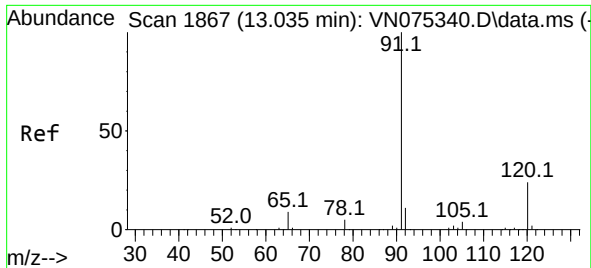
Tgt Ion:106 Resp: 94820
Ion Ratio Lower Upper
106 100
91 204.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion:152 Resp: 177498
Ion Ratio Lower Upper
152 100
115 61.5 30.2 90.6
150 158.0 0.0 348.4

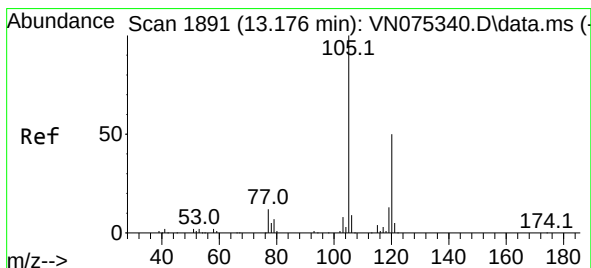
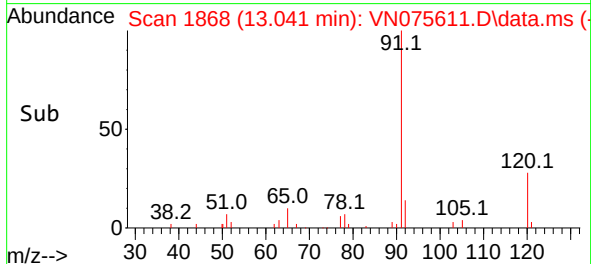
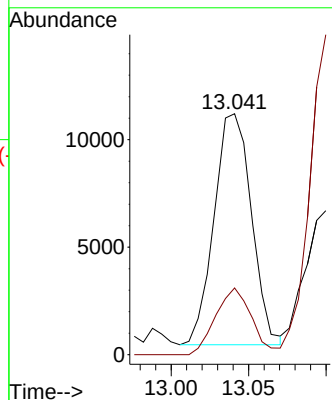
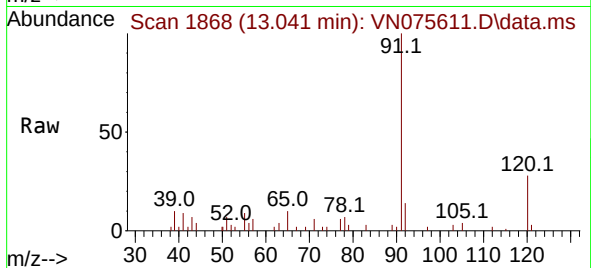




#78
n-propylbenzene
Concen: 1.244 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

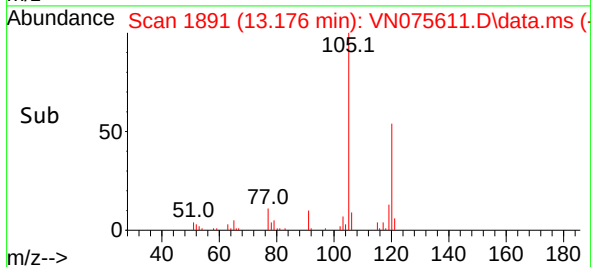
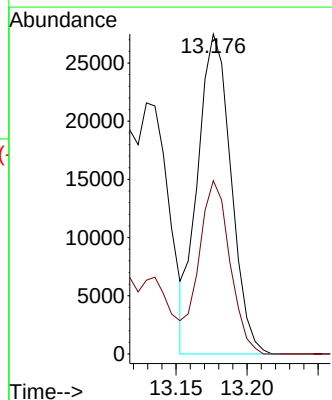
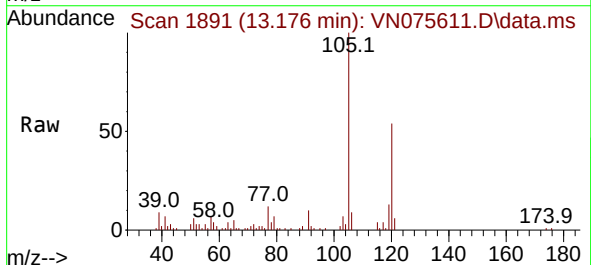
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

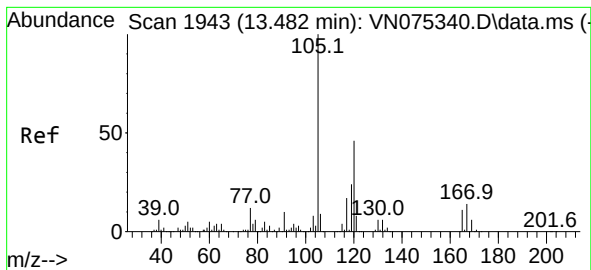
Tgt Ion: 91 Resp: 17999
Ion Ratio Lower Upper
91 100
120 28.0 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 4.176 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075611.D
Acq: 07 Dec 2022 17:01

Tgt Ion: 105 Resp: 44987
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 21.927 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075611.D
 Acq: 07 Dec 2022 17:01

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

Tgt Ion:105 Resp: 236964
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.7 68.1

