

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075595.D
 Acq On : 06 Dec 2022 19:25
 Operator : JC\MD
 Sample : N5876-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Dec 07 00:19:27 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)

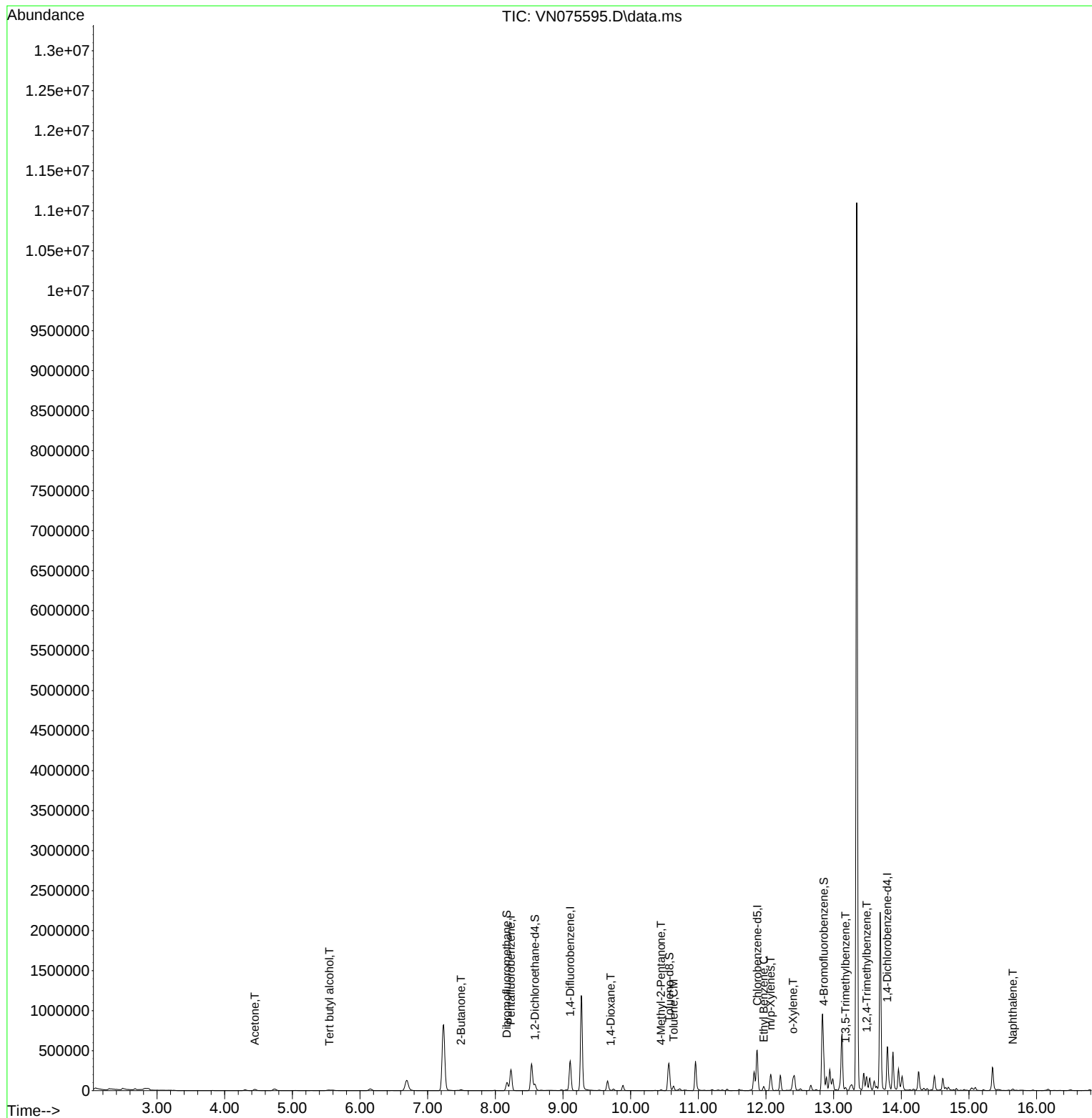
Internal Standards						
1) Pentafluorobenzene	8.230	168	211811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	341952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	311799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	56652	49.827	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.171	113	72848	54.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.460%		
50) Toluene-d8	10.571	98	160746	53.131	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.260%		
62) 4-Bromofluorobenzene	12.853	95	120397	53.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.820%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.547	59	16859	35.322	ug/l	100
16) Acetone	4.447	43	30079	28.363	ug/l	100
25) 2-Butanone	7.494	43	17211	11.624	ug/l	99
49) 1,4-Dioxane	9.706	88	2360	42.453	ug/l #	28
51) 4-Methyl-2-Pentanone	10.447	43	7402	2.745	ug/l #	86
52) Toluene	10.635	92	24411	4.224	ug/l	98
67) Ethyl Benzene	11.965	91	37363	3.401	ug/l	95
68) m/p-Xylenes	12.071	106	69102	15.490	ug/l	99
69) o-Xylene	12.400	106	39348	8.877	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	19179	2.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	100080	10.763	ug/l	99
95) Naphthalene	15.647	128	13846	1.688	ug/l	97

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

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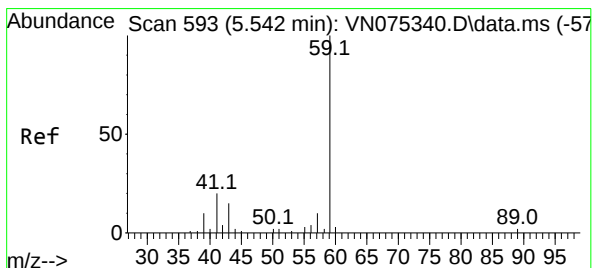
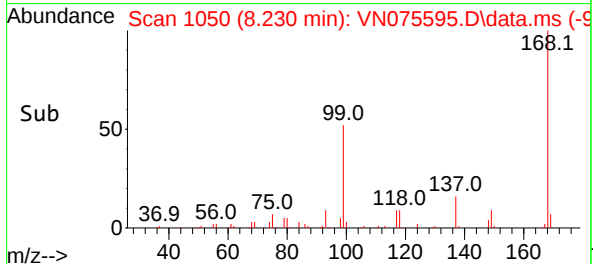
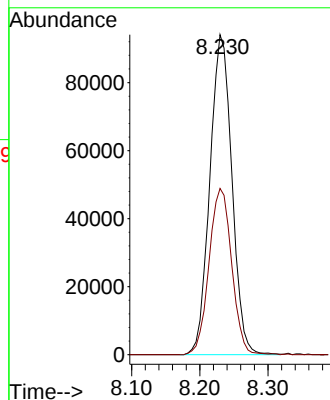
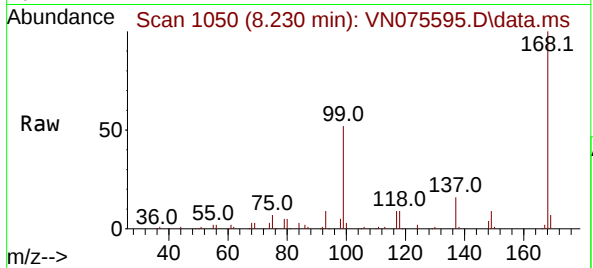




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

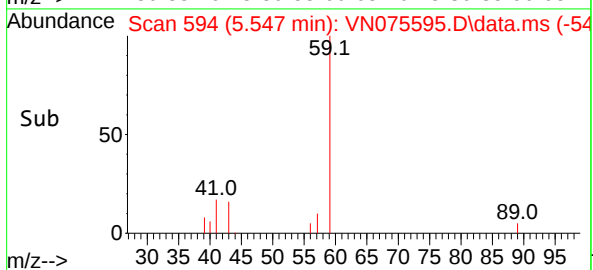
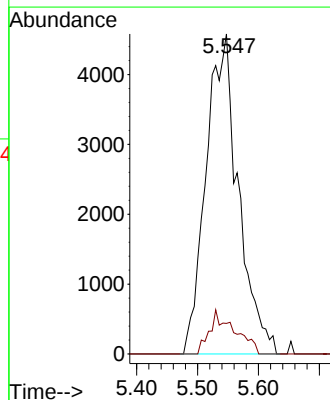
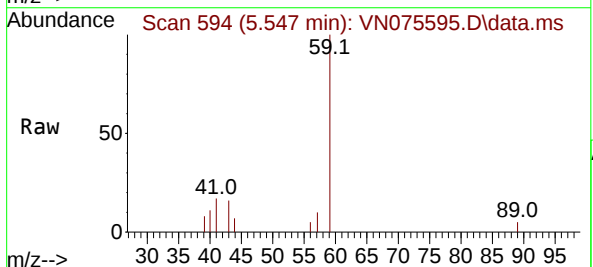
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

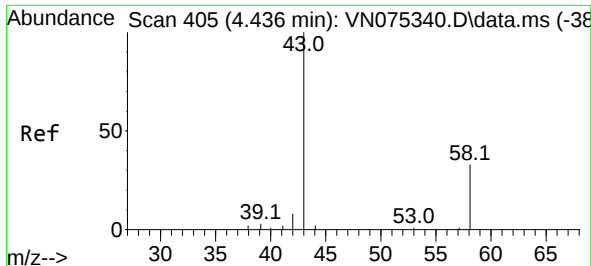
Tgt Ion:168 Resp: 211811
Ion Ratio Lower Upper
168 100
99 51.9 51.6 77.4



#11
Tert butyl alcohol
Concen: 35.322 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.005 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

Tgt Ion: 59 Resp: 16859
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

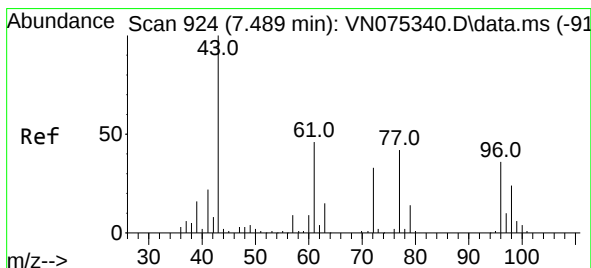
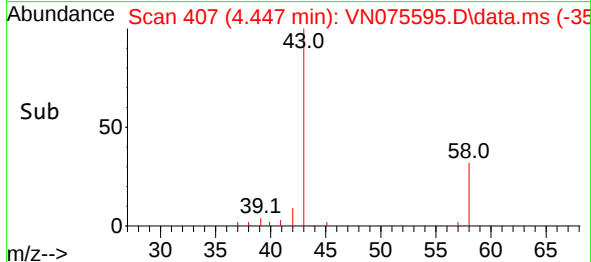
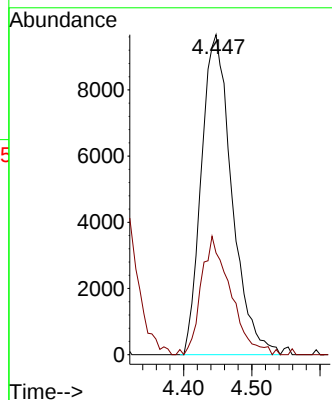
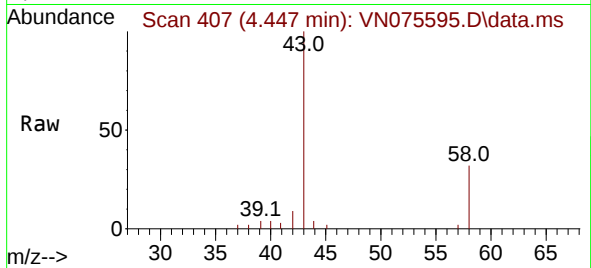




#16
Acetone
Concen: 28.363 ug/l
RT: 4.447 min Scan# 405
Delta R.T. 0.011 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

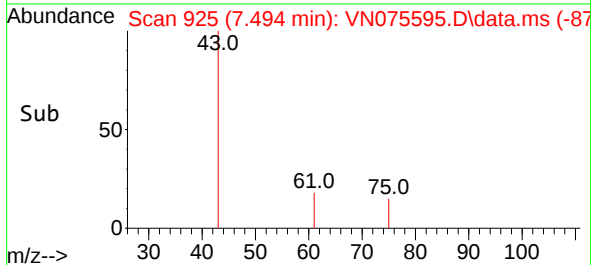
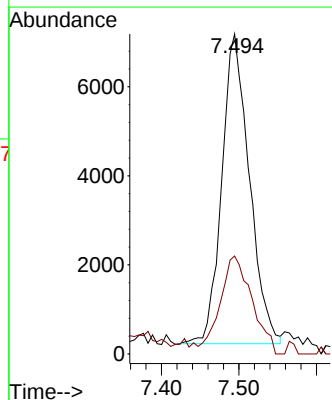
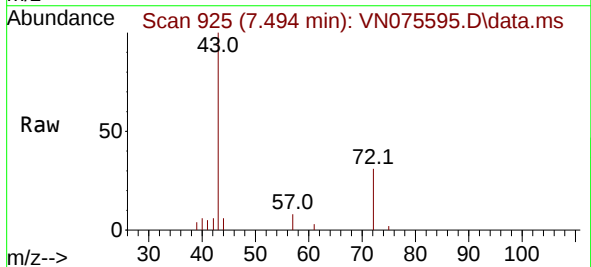
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

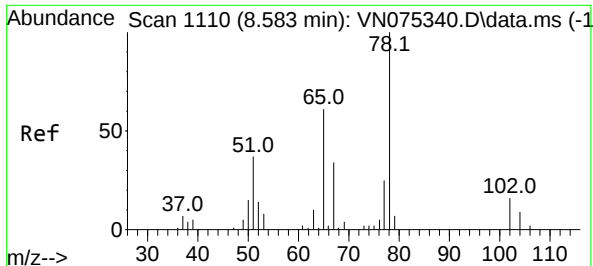
Tgt Ion: 43 Resp: 30079
Ion Ratio Lower Upper
43 100
58 31.8 25.5 38.3



#25
2-Butanone
Concen: 11.624 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.005 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

Tgt Ion: 43 Resp: 17211
Ion Ratio Lower Upper
43 100
72 31.6 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 49.827 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075595.D

Acq: 06 Dec 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

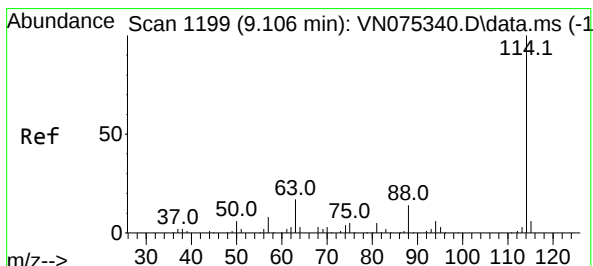
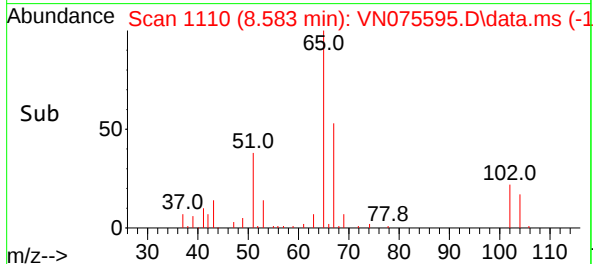
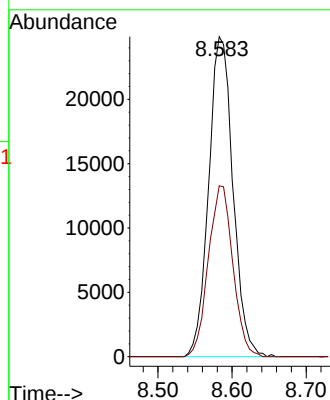
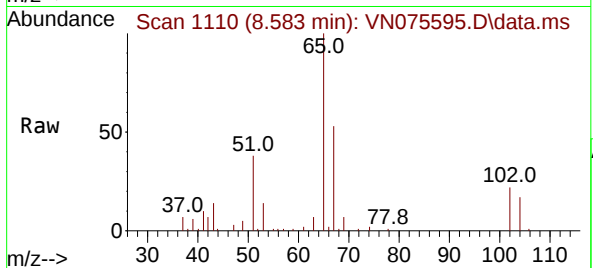
CHA-12-02-SIL

Tgt Ion: 65 Resp: 56652

Ion Ratio Lower Upper

65 100

67 53.9 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: VN075595.D

Acq: 06 Dec 2022 19:25

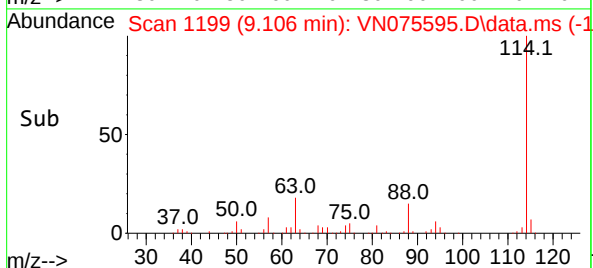
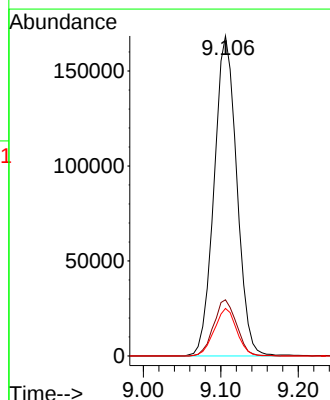
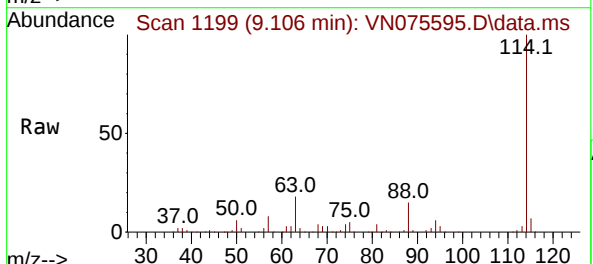
Tgt Ion: 114 Resp: 341952

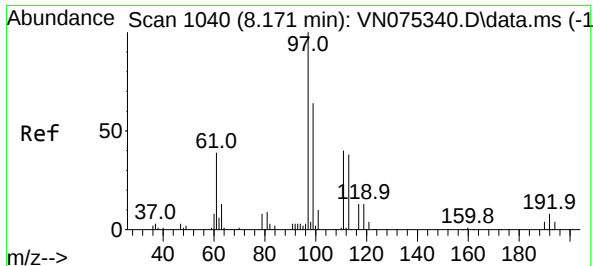
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.9 0.0 29.0

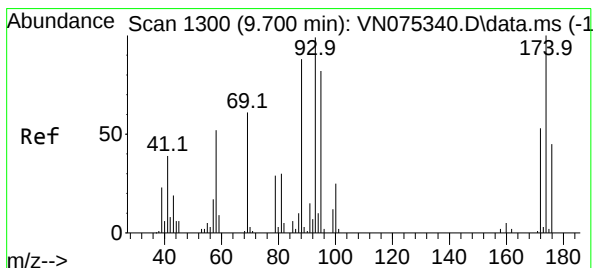
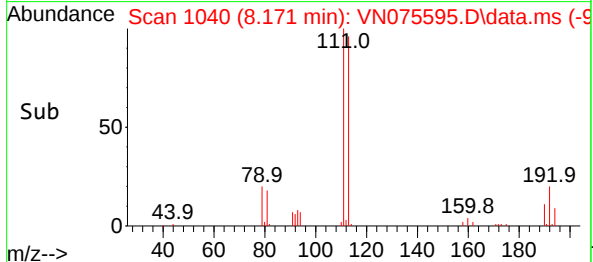
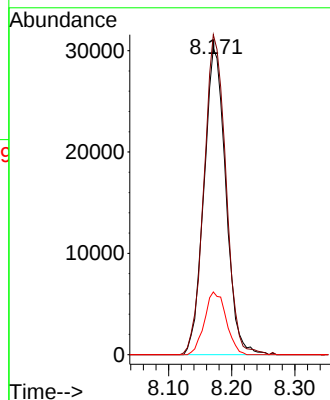
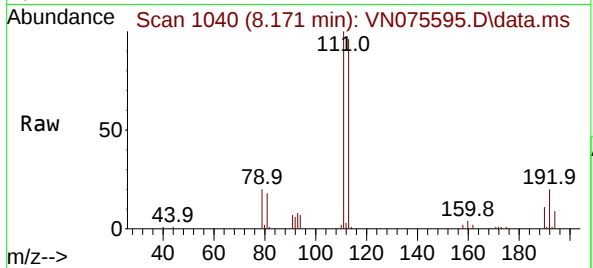




#35
Dibromofluoromethane
Concen: 54.231 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

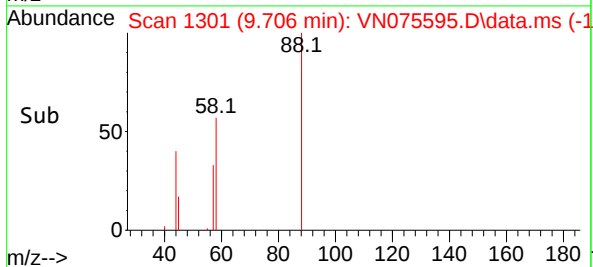
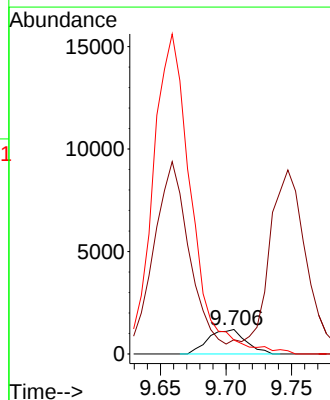
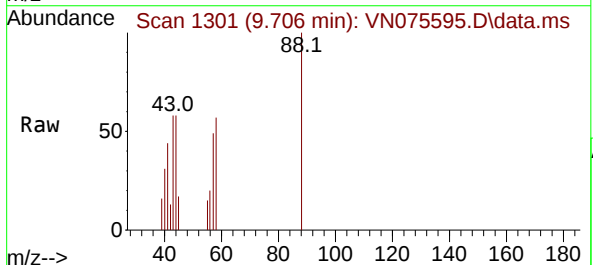
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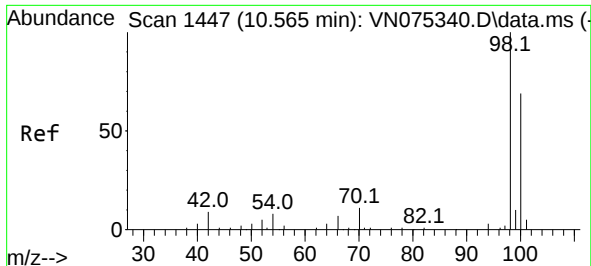
Tgt Ion:113 Resp: 72848
Ion Ratio Lower Upper
113 100
111 104.2 80.5 120.7
192 20.2 13.2 19.8#



#49
1,4-Dioxane
Concen: 42.453 ug/l
RT: 9.706 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

Tgt Ion: 88 Resp: 2360
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3#
58 0.0 49.8 74.8#

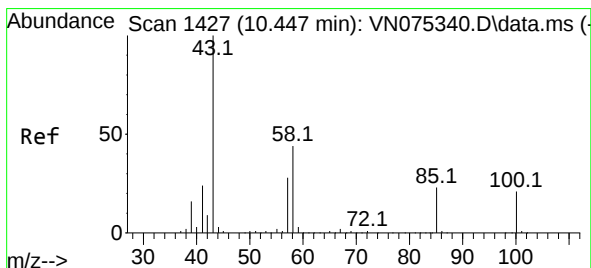
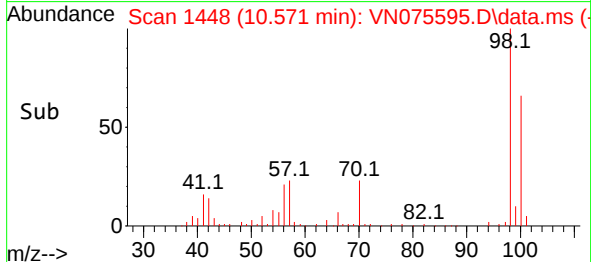
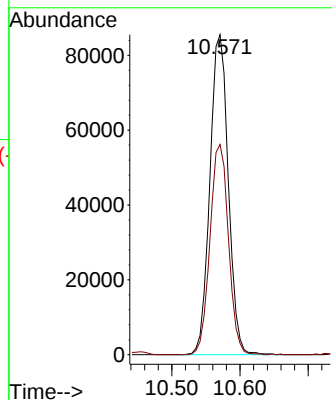
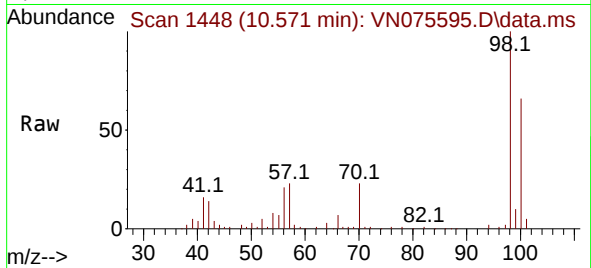




#50
Toluene-d8
Concen: 53.131 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

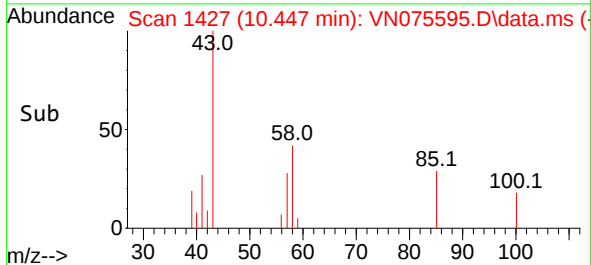
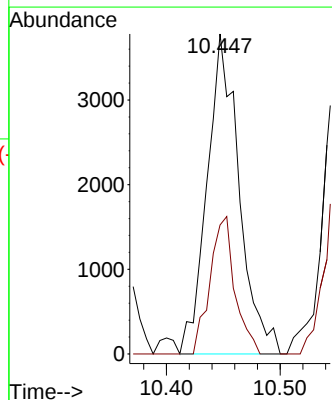
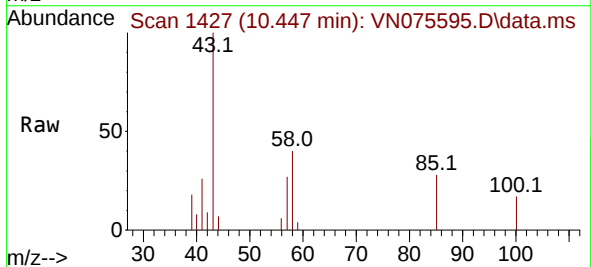
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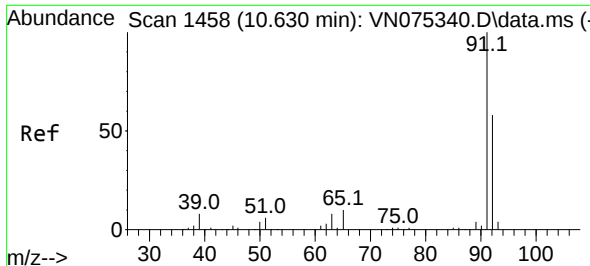
Tgt Ion: 98 Resp: 160746
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 2.745 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

Tgt Ion: 43 Resp: 7402
Ion Ratio Lower Upper
43 100
58 33.4 33.6 50.4#

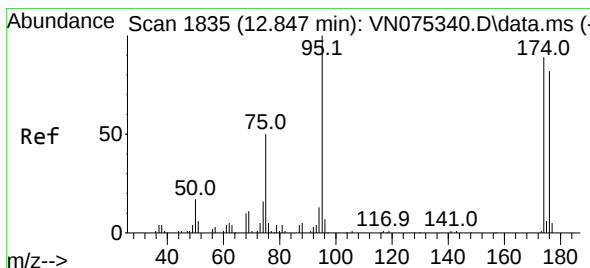
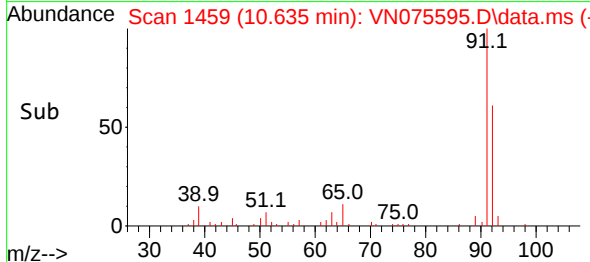
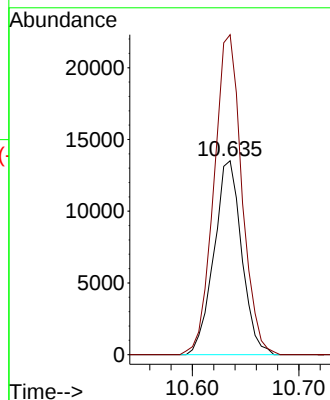
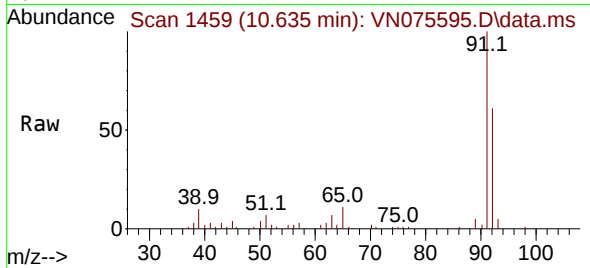




#52
Toluene
Concen: 4.224 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

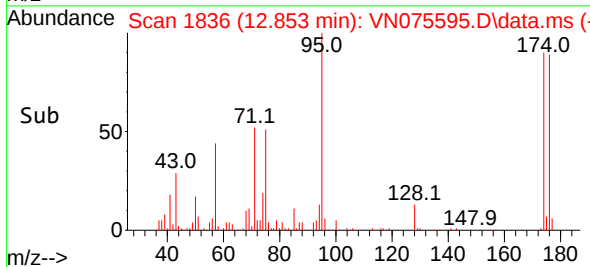
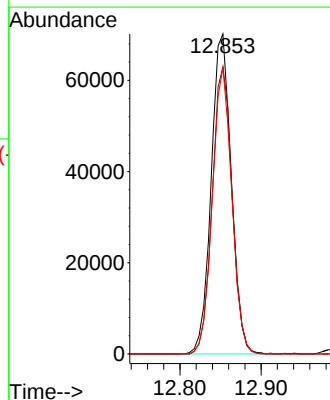
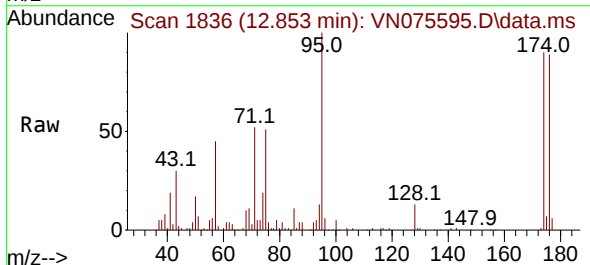
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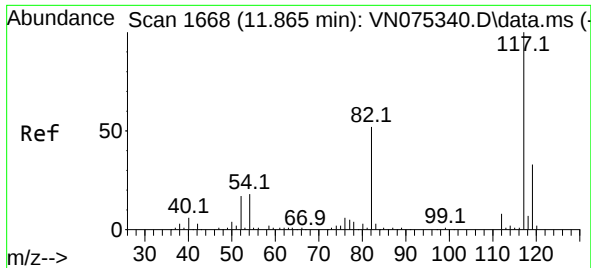
Tgt Ion: 92 Resp: 24411
Ion Ratio Lower Upper
92 100
91 166.3 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 53.914 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

Tgt Ion: 95 Resp: 120397
Ion Ratio Lower Upper
95 100
174 89.1 0.0 147.4
176 86.4 0.0 142.2

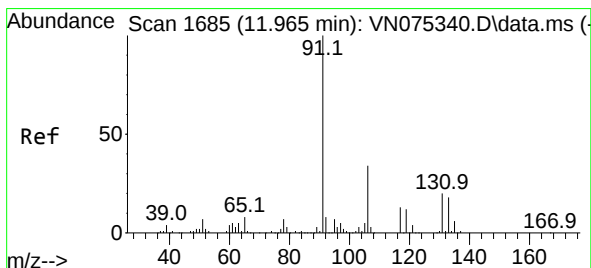
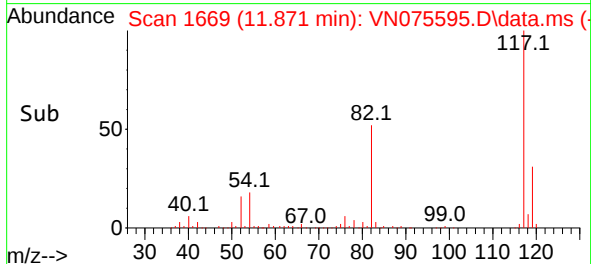
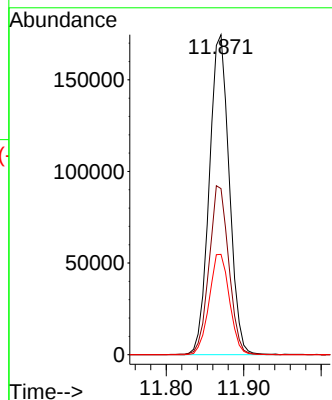
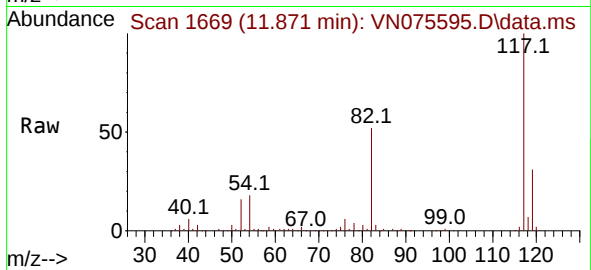




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

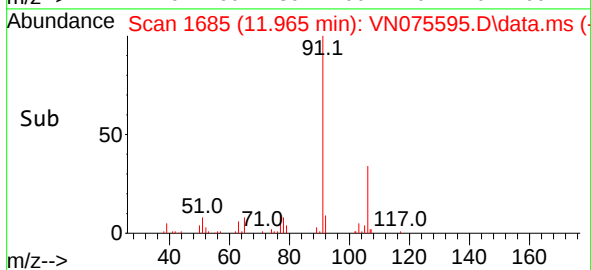
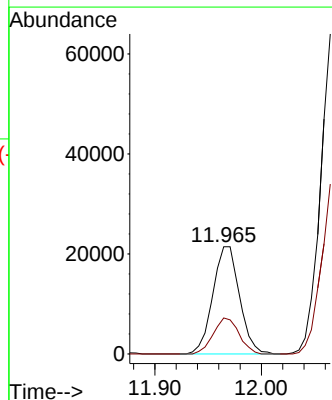
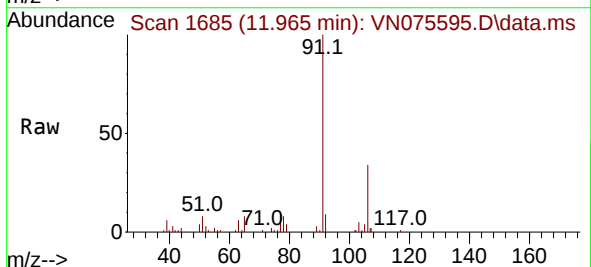
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

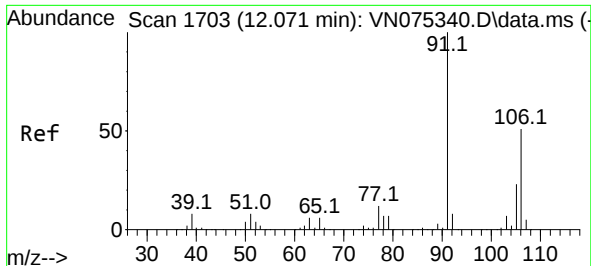
Tgt Ion:117 Resp: 311799
Ion Ratio Lower Upper
117 100
82 51.9 43.1 64.7
119 31.3 25.5 38.3



#67
Ethyl Benzene
Concen: 3.401 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

Tgt Ion: 91 Resp: 37363
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

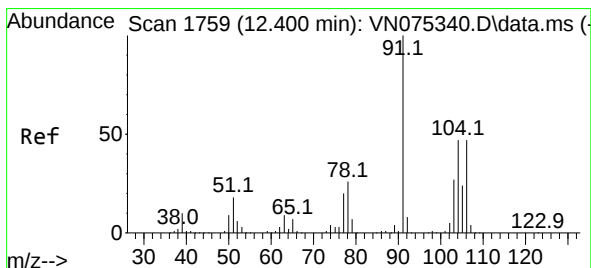
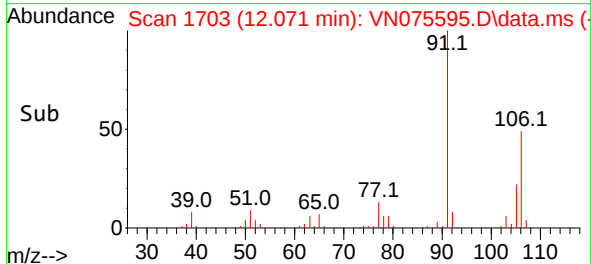
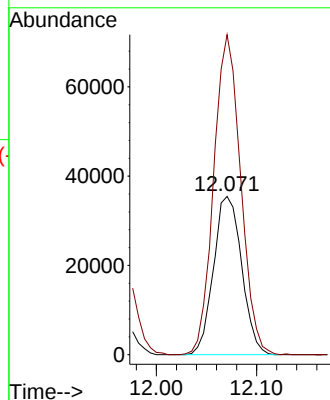
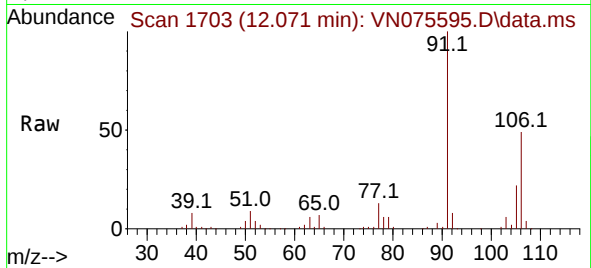




#68
m/p-Xylenes
Concen: 15.490 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

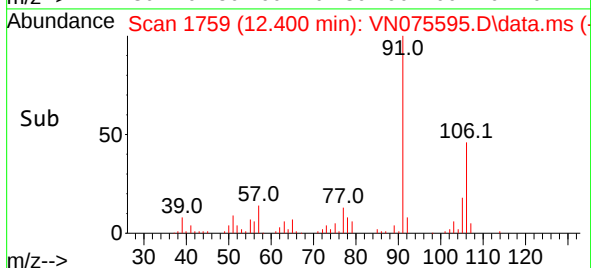
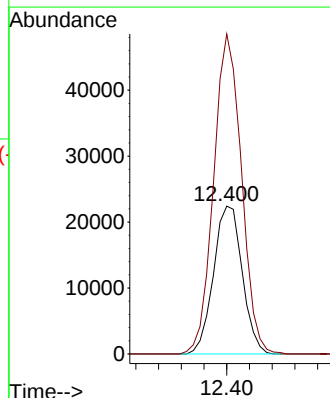
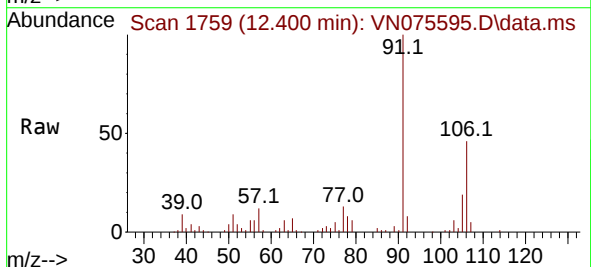
Instrument :
MSVOA_N
ClientSampleId :
CHA-12-02-SIL

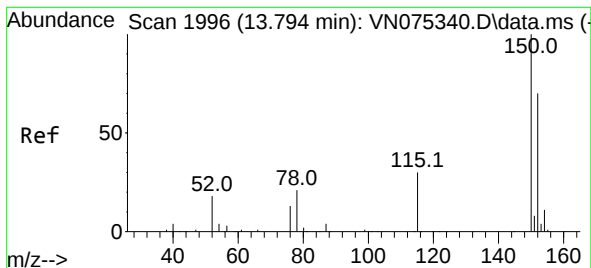
Tgt Ion:106 Resp: 69102
Ion Ratio Lower Upper
106 100
91 193.8 156.0 234.0



#69
o-Xylene
Concen: 8.877 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075595.D
Acq: 06 Dec 2022 19:25

Tgt Ion:106 Resp: 39348
Ion Ratio Lower Upper
106 100
91 210.0 105.2 315.5

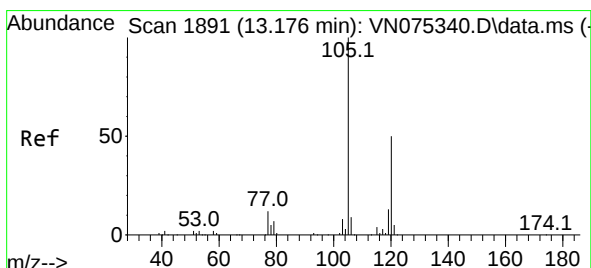
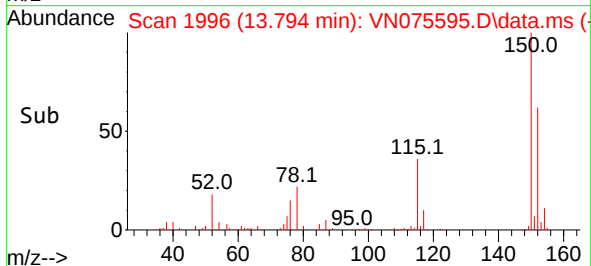
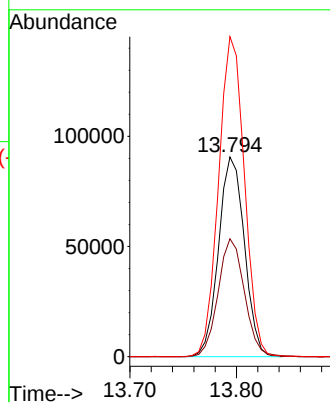
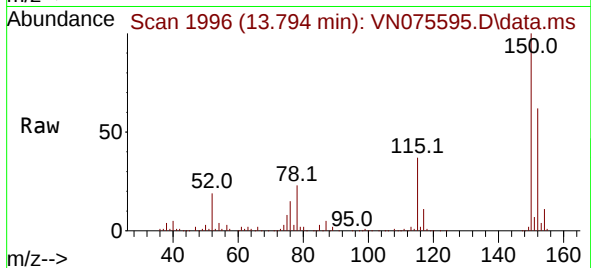




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075595.D
 Acq: 06 Dec 2022 19:25

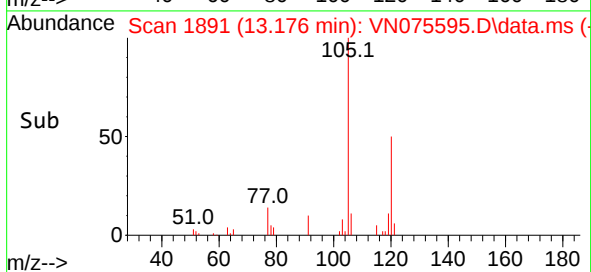
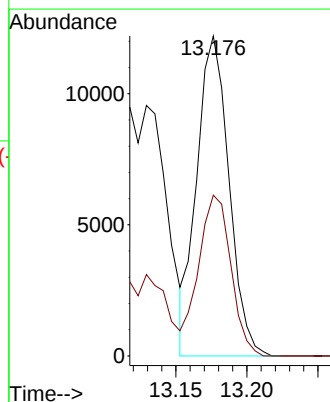
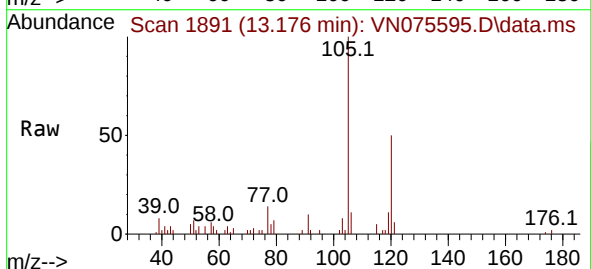
Instrument :
 MSVOA_N
 ClientSampleId :
 CHA-12-02-SIL

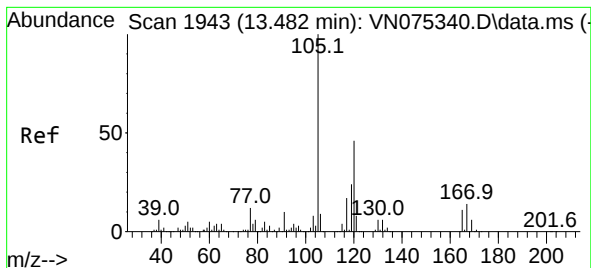
Tgt Ion:152 Resp: 152721
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.2 90.6
 150 160.0 0.0 348.4



#80
 1,3,5-Trimethylbenzene
 Concen: 2.069 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075595.D
 Acq: 06 Dec 2022 19:25

Tgt Ion:105 Resp: 19179
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 10.763 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN075595.D

Acq: 06 Dec 2022 19:25

Instrument :

MSVOA_N

ClientSampleId :

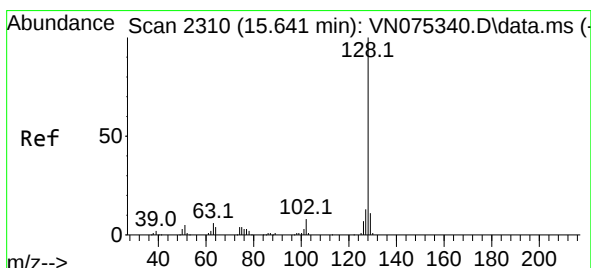
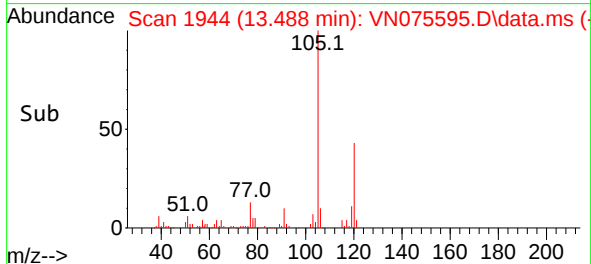
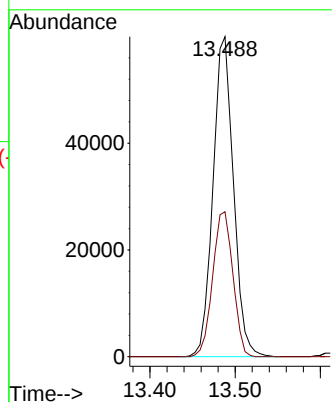
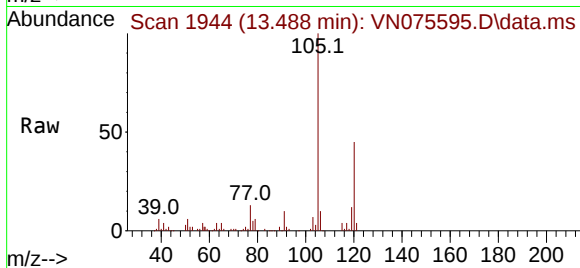
CHA-12-02-SIL

Tgt Ion:105 Resp: 100080

Ion Ratio Lower Upper

105 100

120 44.9 22.7 68.1



#95

Naphthalene

Concen: 1.688 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075595.D

Acq: 06 Dec 2022 19:25

Tgt Ion:128 Resp: 13846

Ion Ratio Lower Upper

128 100

127 13.7 10.4 15.6

129 12.8 8.6 12.8

