

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075609.D
 Acq On : 07 Dec 2022 16:13
 Operator : JC\MD
 Sample : N5876-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 07 16:43:46 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)

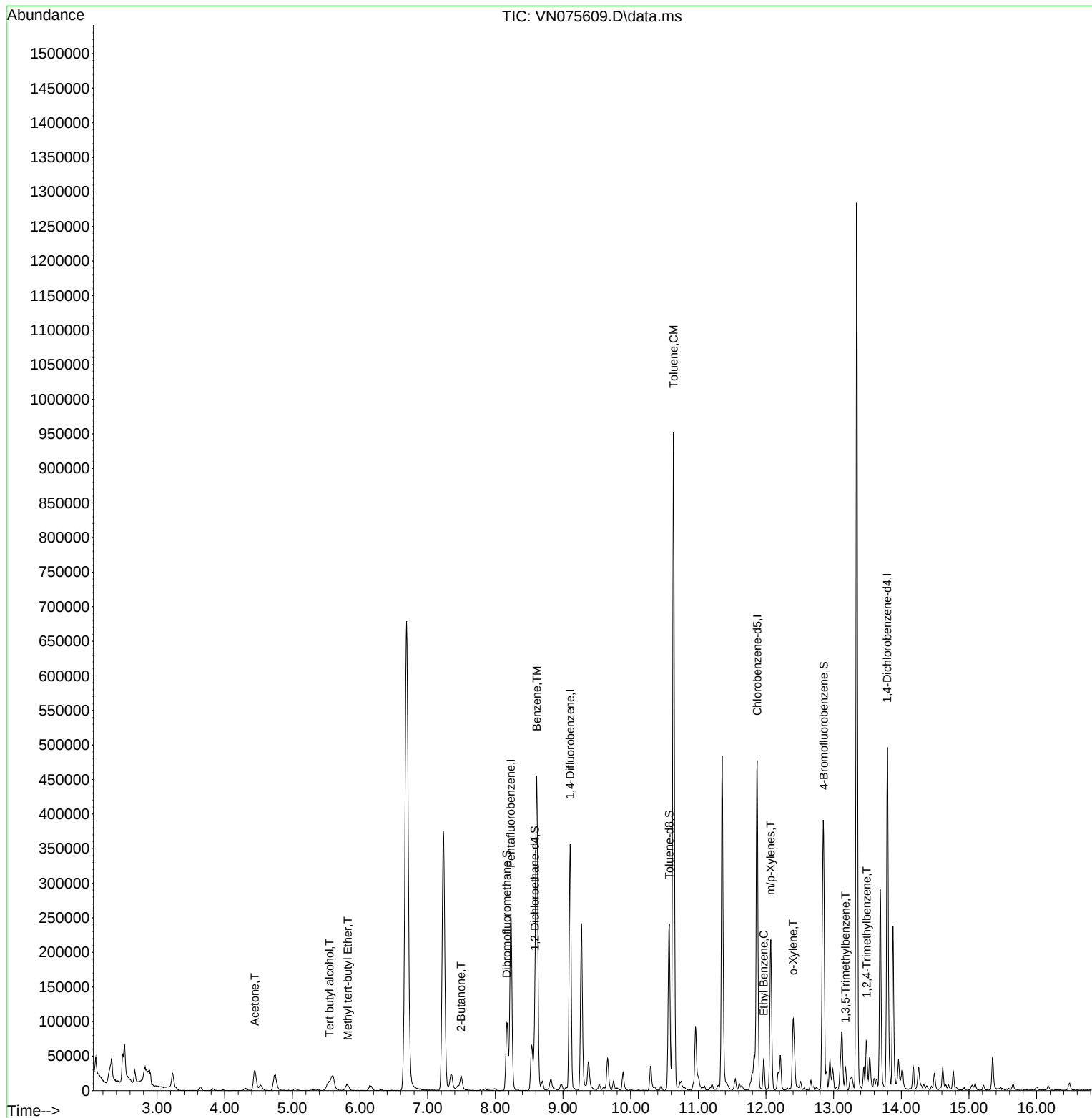
Internal Standards						
1) Pentafluorobenzene	8.230	168	205037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	332357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	54845	49.831	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.660%
35) Dibromofluoromethane	8.171	113	71416	54.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.400%
50) Toluene-d8	10.571	98	150569	51.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.853	95	113773	52.418	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.548	59	26886	58.192	ug/l	98
16) Acetone	4.448	43	55202	53.772	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	12925	1.922	ug/l #	84
25) 2-Butanone	7.494	43	32047	22.359	ug/l	98
40) Benzene	8.612	78	472713	54.227	ug/l	99
52) Toluene	10.635	92	440031	78.331	ug/l	100
67) Ethyl Benzene	11.965	91	30911	2.937	ug/l	100
68) m/p-Xylenes	12.071	106	72818	17.039	ug/l	99
69) o-Xylene	12.400	106	29839	7.027	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	17440	2.011	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	41003	4.714	ug/l	98

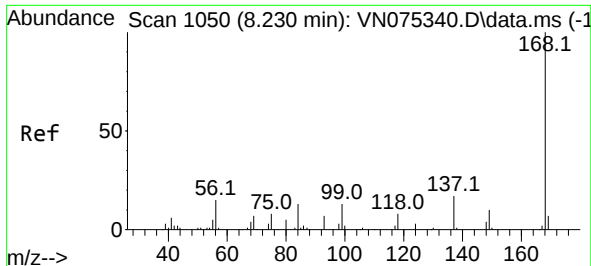
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
Data File : VN075609.D
Acq On : 07 Dec 2022 16:13
Operator : JC\MD
Sample : N5876-07 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Dec 07 16:43:46 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

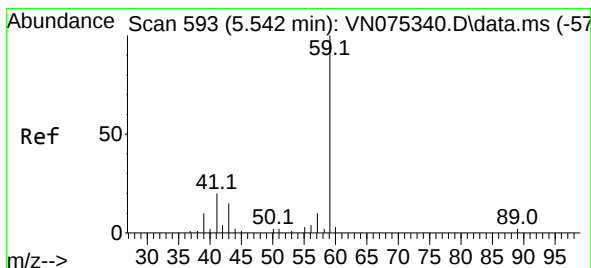
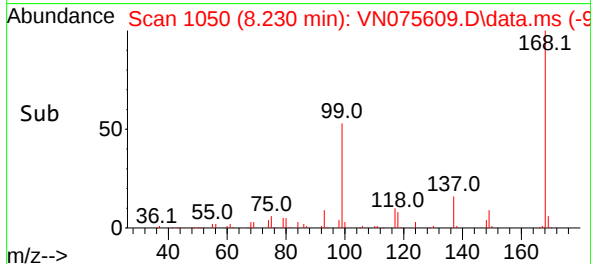
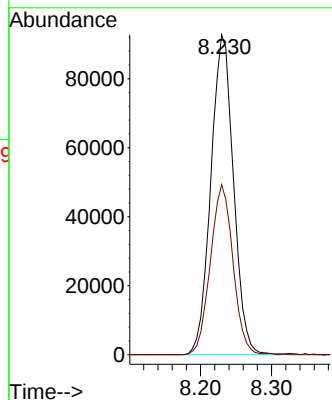
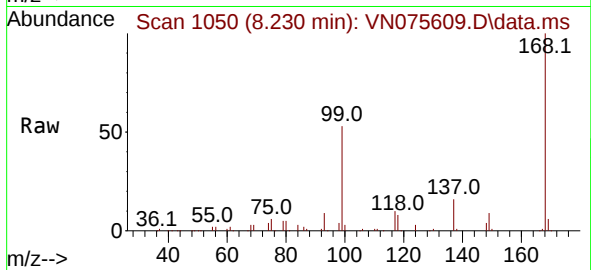




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

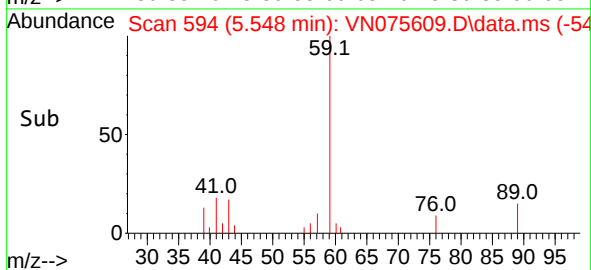
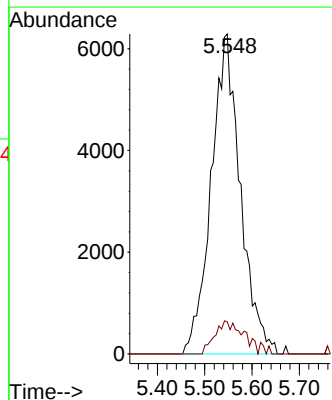
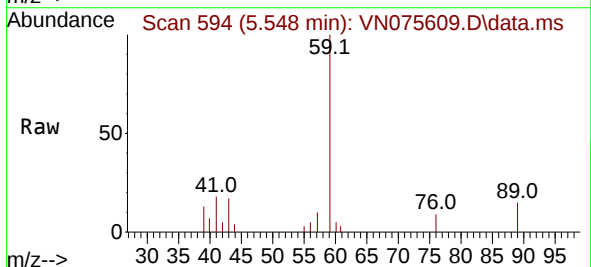
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

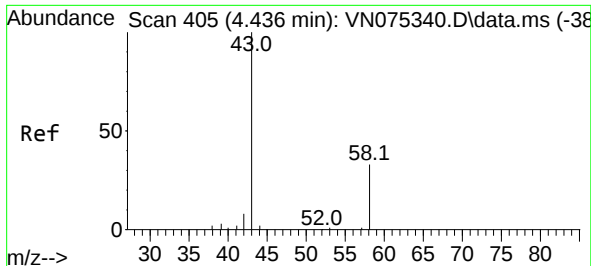
Tgt Ion:168 Resp: 205037
Ion Ratio Lower Upper
168 100
99 53.2 51.6 77.4



#11
Tert butyl alcohol
Concen: 58.192 ug/l
RT: 5.548 min Scan# 594
Delta R.T. 0.006 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

Tgt Ion: 59 Resp: 26886
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7





#16

Acetone

Concen: 53.772 ug/l

RT: 4.448 min Scan# 405

Delta R.T. 0.012 min

Lab File: VN075609.D

Acq: 07 Dec 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

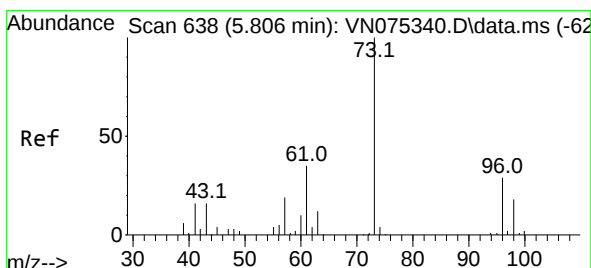
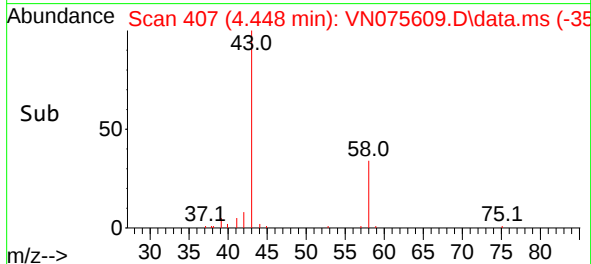
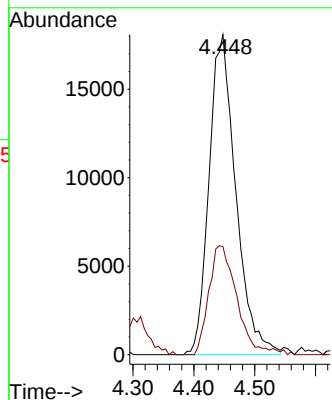
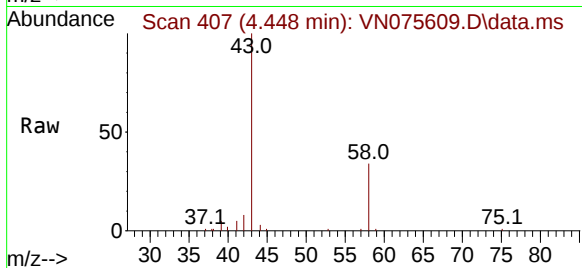
MORR-12-02-SIL

Tgt Ion: 43 Resp: 55202

Ion Ratio Lower Upper

43 100

58 33.8 25.5 38.3



#19

Methyl tert-butyl Ether

Concen: 1.922 ug/l

RT: 5.818 min Scan# 640

Delta R.T. 0.012 min

Lab File: VN075609.D

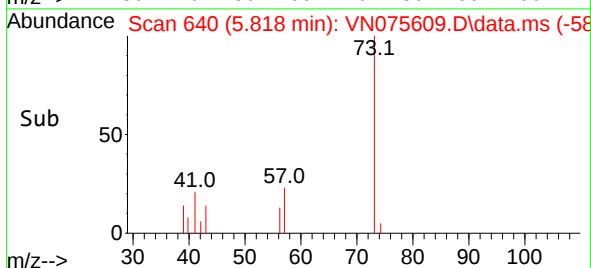
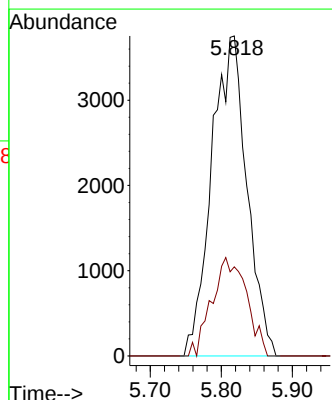
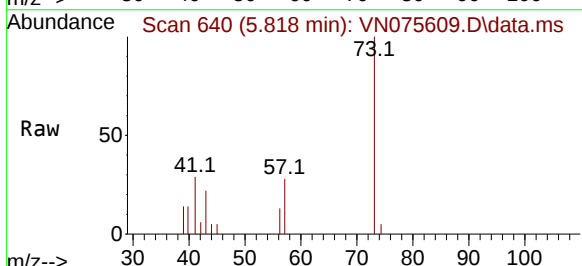
Acq: 07 Dec 2022 16:13

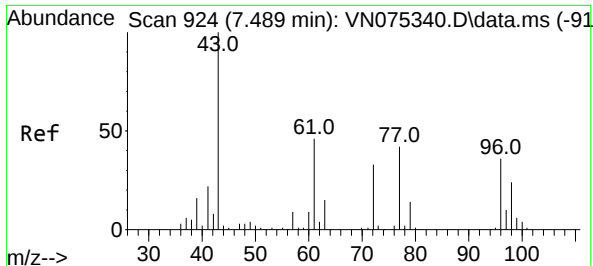
Tgt Ion: 73 Resp: 12925

Ion Ratio Lower Upper

73 100

57 27.9 16.3 24.5#





#25

2-Butanone

Concen: 22.359 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN075609.D

Acq: 07 Dec 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

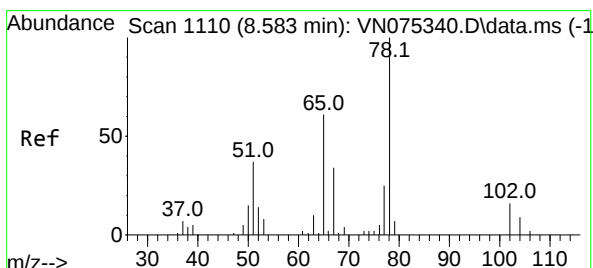
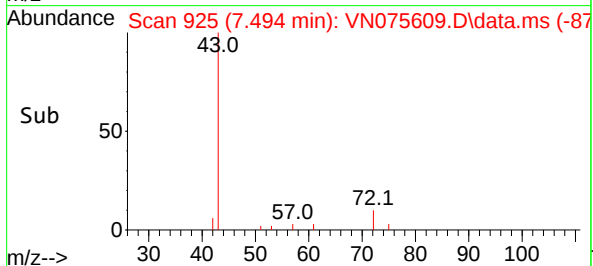
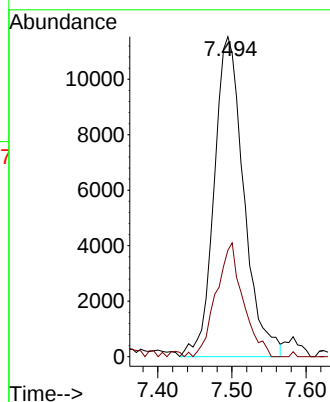
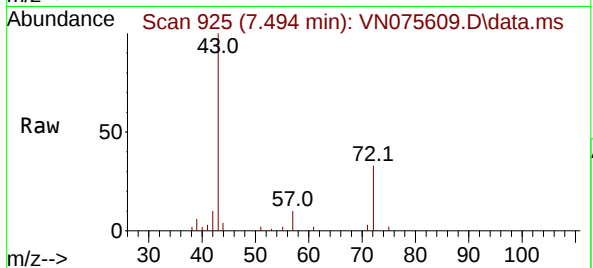
MORR-12-02-SIL

Tgt Ion: 43 Resp: 32047

Ion Ratio Lower Upper

43 100

72 33.3 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 49.831 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075609.D

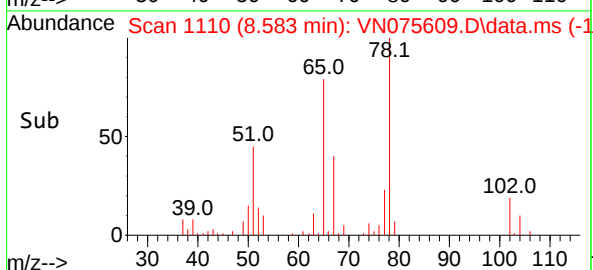
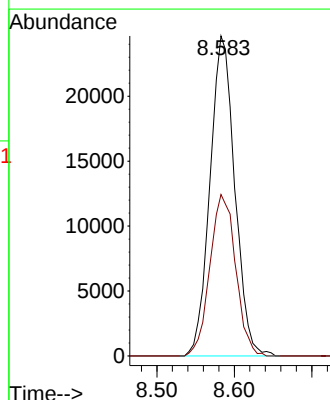
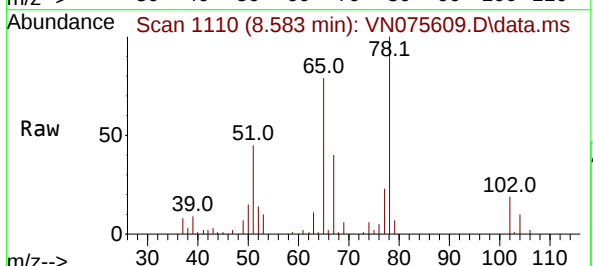
Acq: 07 Dec 2022 16:13

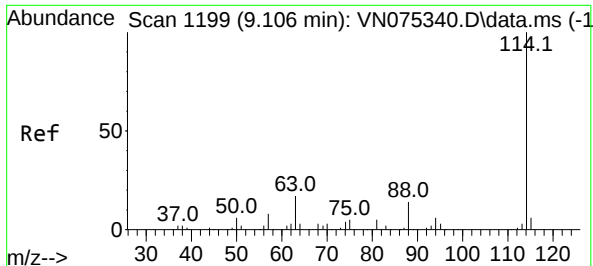
Tgt Ion: 65 Resp: 54845

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: VN075609.D

Acq: 07 Dec 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

MORR-12-02-SIL

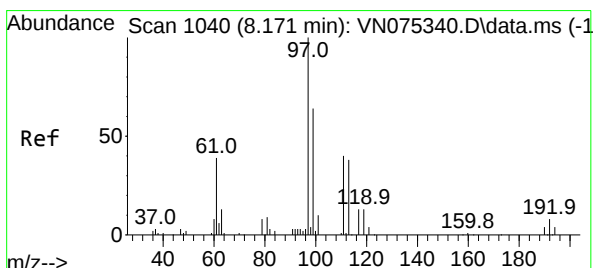
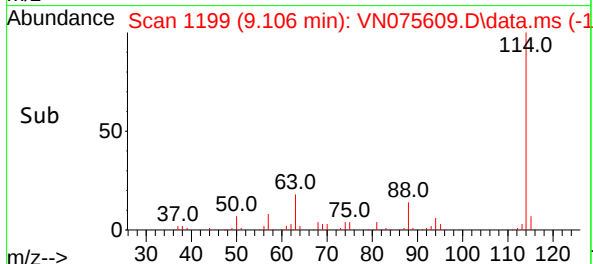
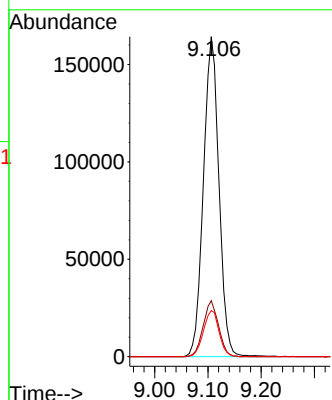
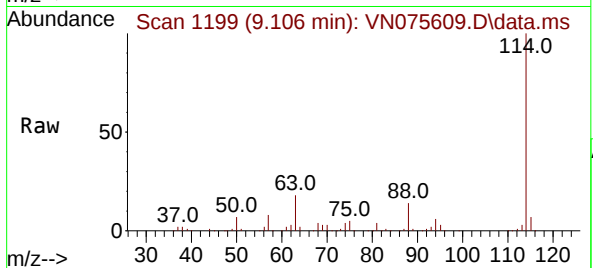
Tgt Ion:114 Resp: 332357

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.699 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075609.D

Acq: 07 Dec 2022 16:13

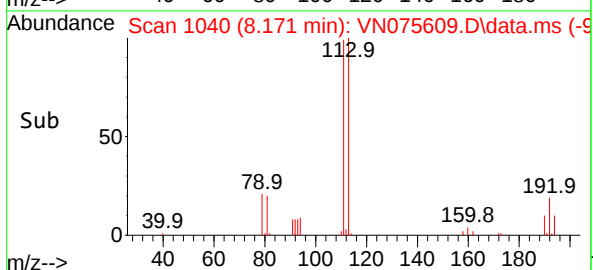
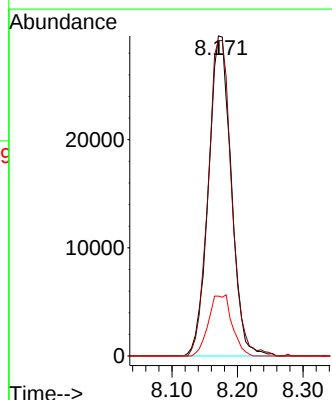
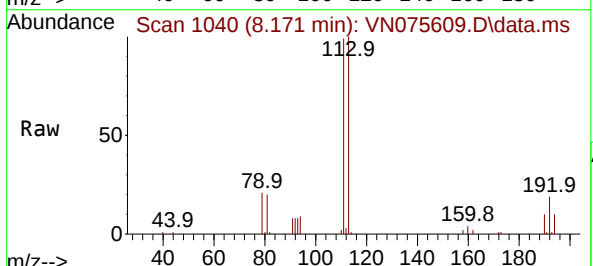
Tgt Ion:113 Resp: 71416

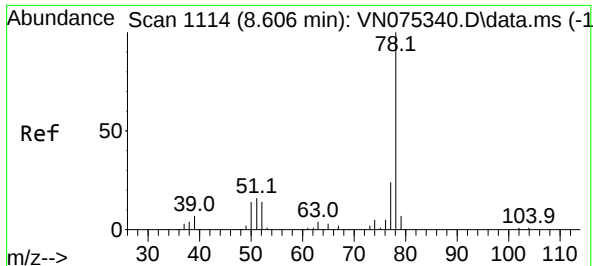
Ion Ratio Lower Upper

113 100

111 101.1 80.5 120.7

192 19.7 13.2 19.8

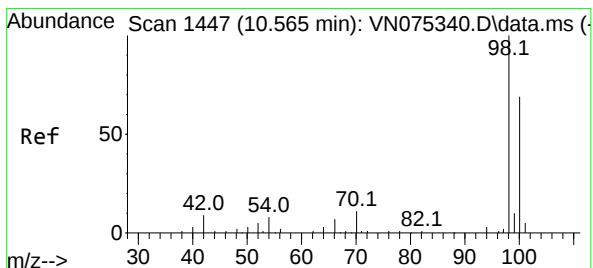
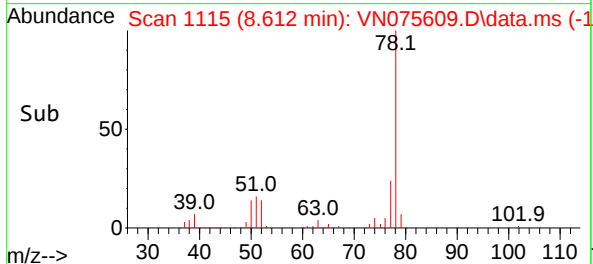
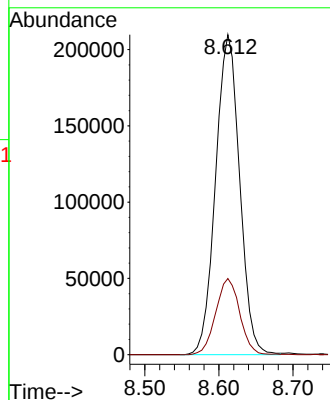
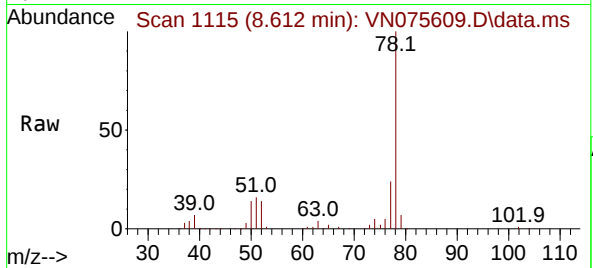




#40
Benzene
Concen: 54.227 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

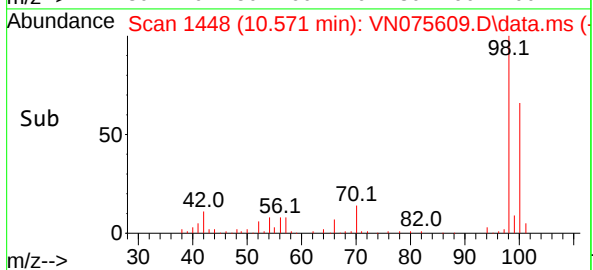
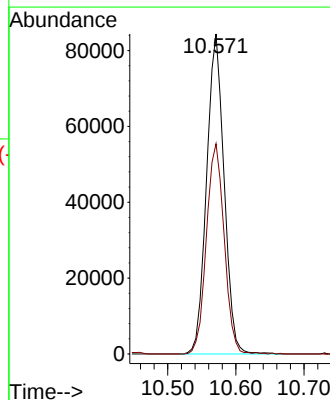
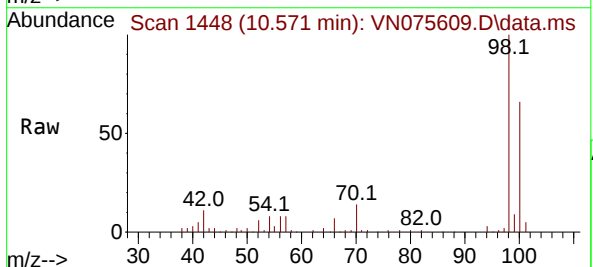
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

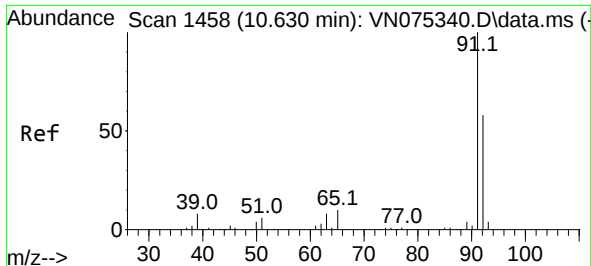
Tgt Ion: 78 Resp: 472713
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0



#50
Toluene-d8
Concen: 51.204 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

Tgt Ion: 98 Resp: 150569
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6

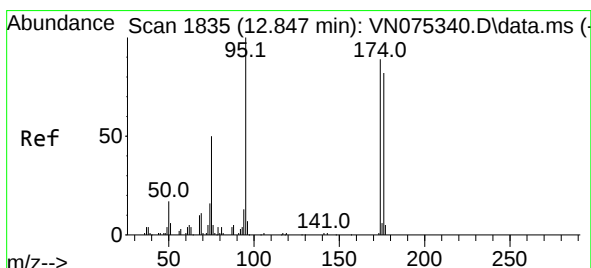
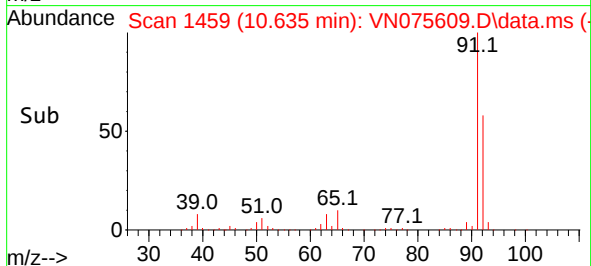
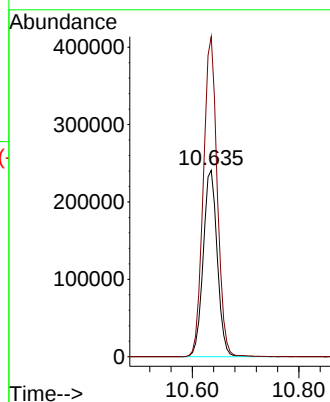
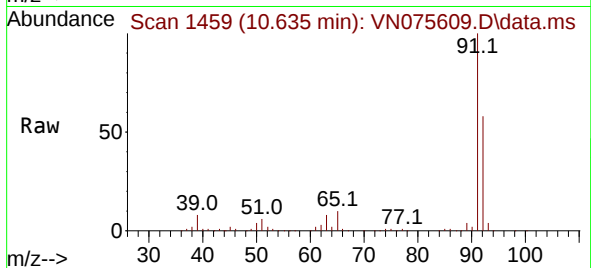




#52
Toluene
Concen: 78.331 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

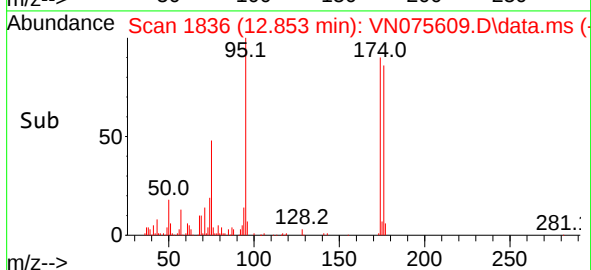
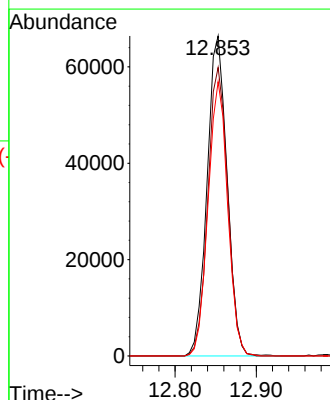
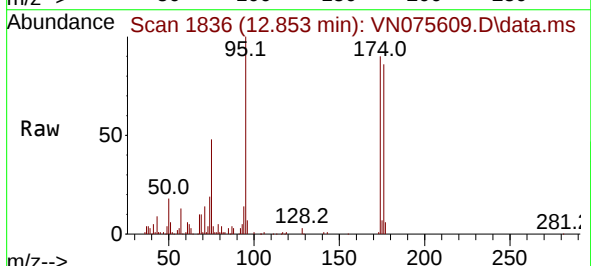
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

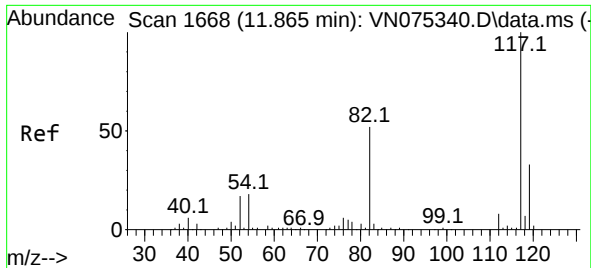
Tgt Ion: 92 Resp: 440031
Ion Ratio Lower Upper
92 100
91 169.8 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 52.418 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

Tgt Ion: 95 Resp: 113773
Ion Ratio Lower Upper
95 100
174 89.6 0.0 147.4
176 83.9 0.0 142.2

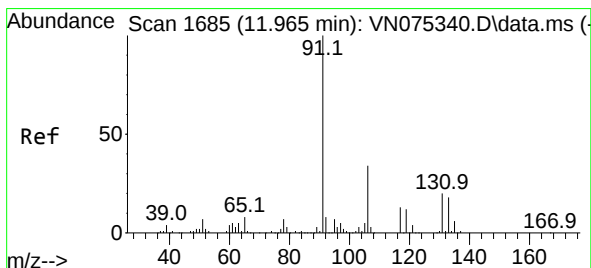
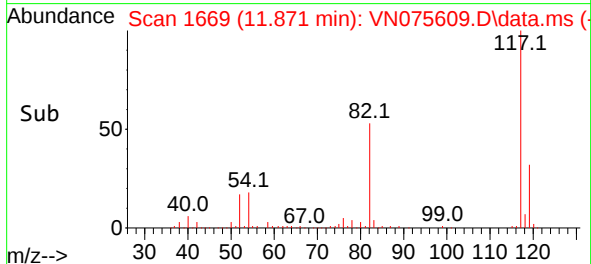
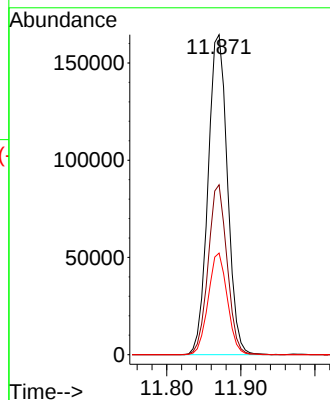
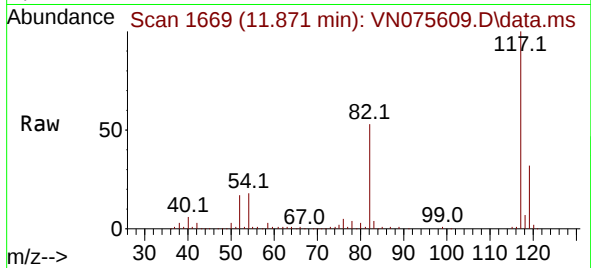




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

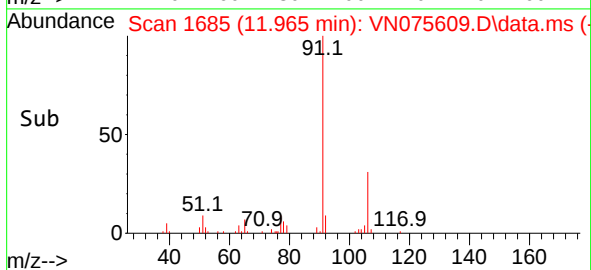
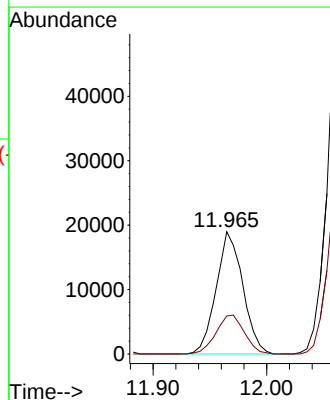
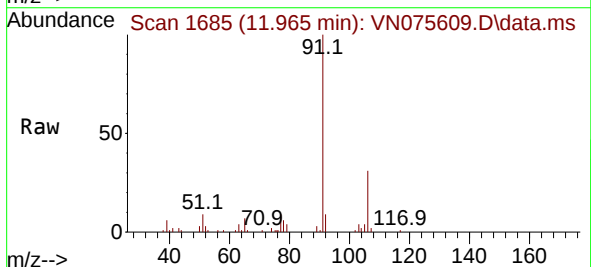
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

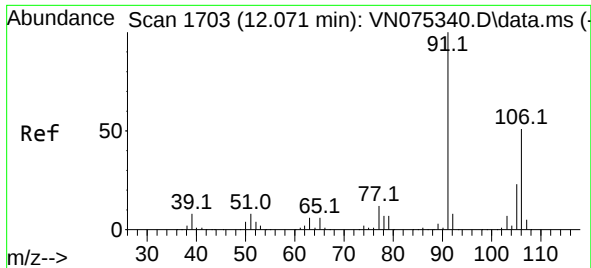
Tgt Ion:117 Resp: 298687
Ion Ratio Lower Upper
117 100
82 53.1 43.1 64.7
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 2.937 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

Tgt Ion: 91 Resp: 30911
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

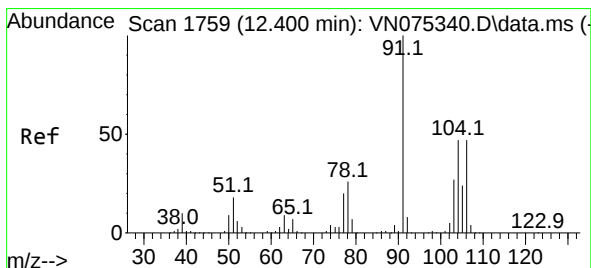
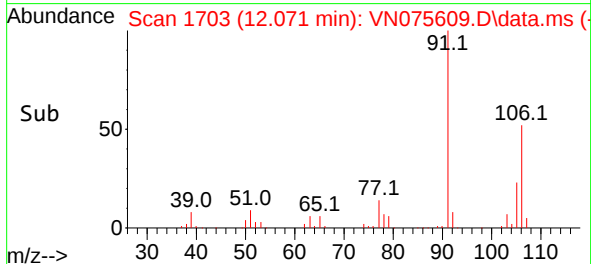
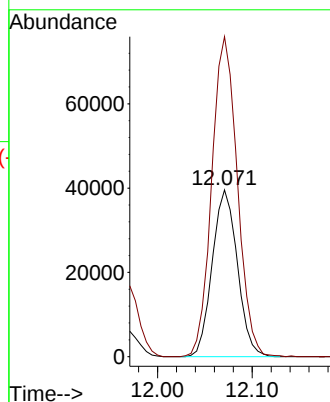
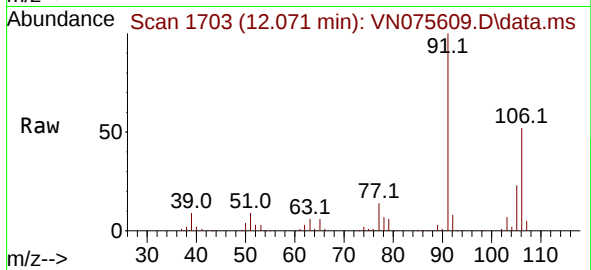




#68
m/p-Xylenes
Concen: 17.039 ug/l
RT: 12.071 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

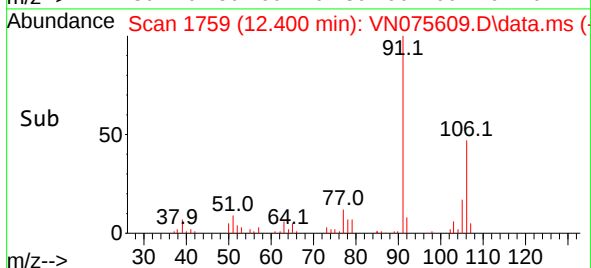
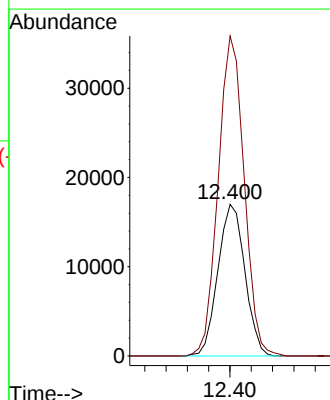
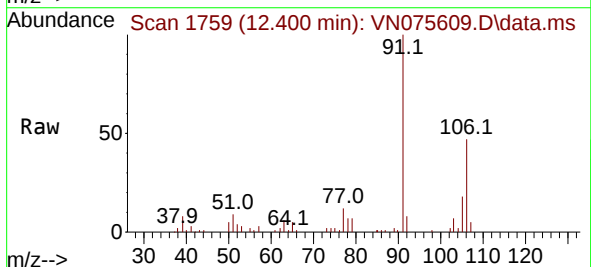
Instrument :
MSVOA_N
ClientSampleId :
MORR-12-02-SIL

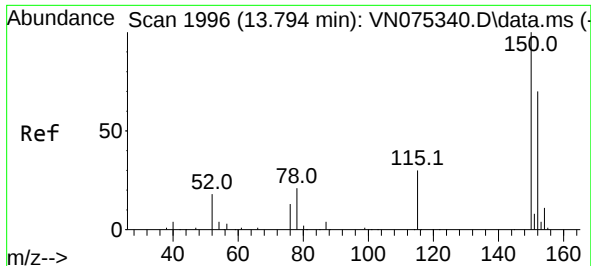
Tgt Ion:106 Resp: 72818
Ion Ratio Lower Upper
106 100
91 195.9 156.0 234.0



#69
o-Xylene
Concen: 7.027 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075609.D
Acq: 07 Dec 2022 16:13

Tgt Ion:106 Resp: 29839
Ion Ratio Lower Upper
106 100
91 203.3 105.2 315.5

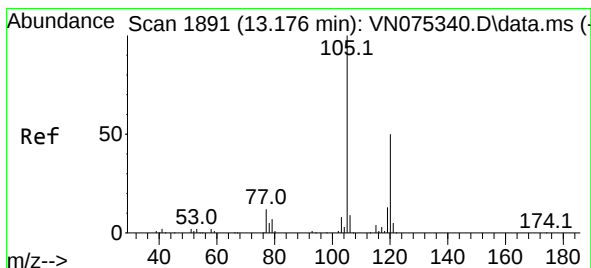
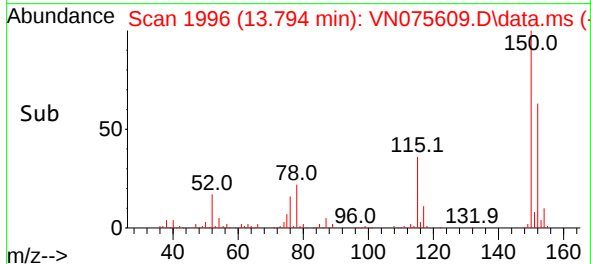
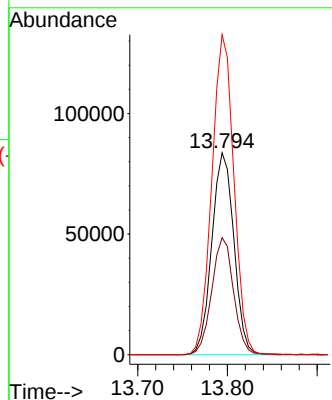
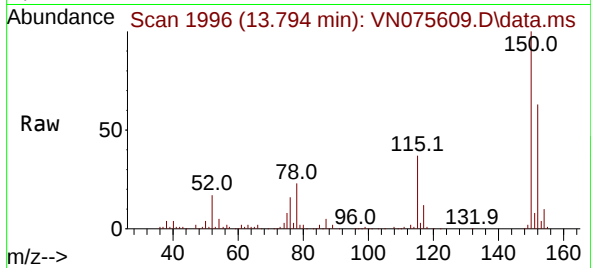




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075609.D
 Acq: 07 Dec 2022 16:13

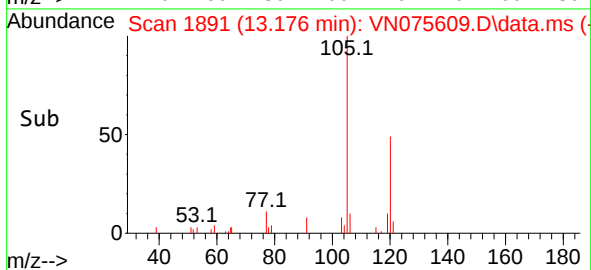
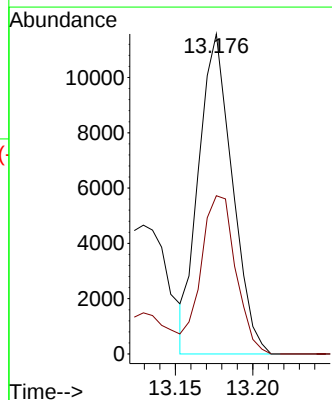
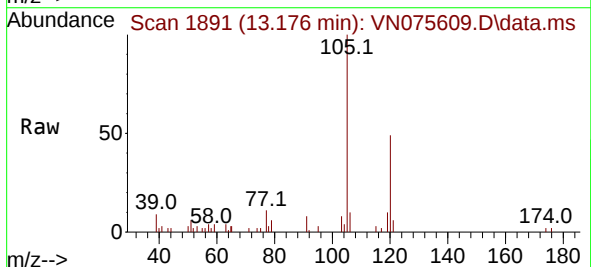
Instrument :
 MSVOA_N
 ClientSampleId :
 MORR-12-02-SIL

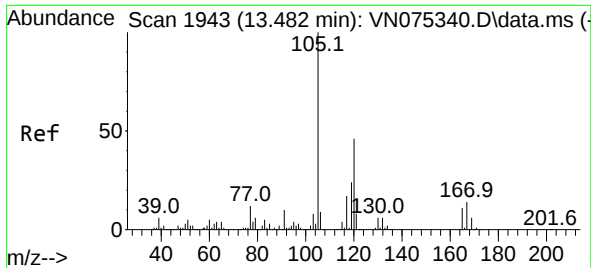
Tgt Ion:152 Resp: 142860
 Ion Ratio Lower Upper
 152 100
 115 57.4 30.2 90.6
 150 158.3 0.0 348.4



#80
 1,3,5-Trimethylbenzene
 Concen: 2.011 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075609.D
 Acq: 07 Dec 2022 16:13

Tgt Ion:105 Resp: 17440
 Ion Ratio Lower Upper
 105 100
 120 51.3 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 4.714 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075609.D
 Acq: 07 Dec 2022 16:13

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

Tgt Ion:105 Resp: 41003
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.7 68.1

