

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075607.D
 Acq On : 07 Dec 2022 15:25
 Operator : JC\MD
 Sample : N5876-05 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 07 15:54:10 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)

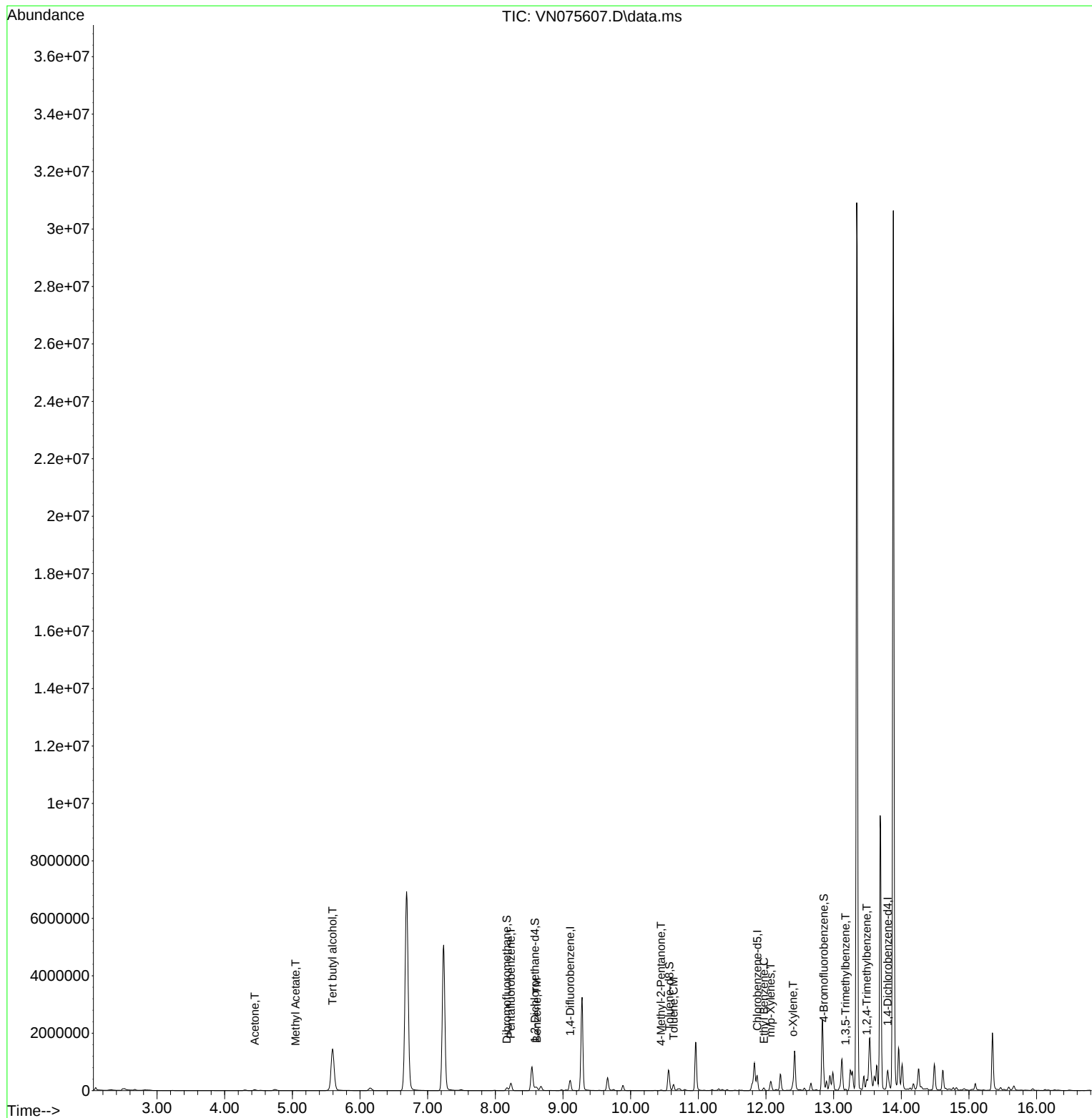
Internal Standards						
1) Pentafluorobenzene	8.230	168	202387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	308630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	170123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	55511	51.097	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.200%	
35) Dibromofluoromethane	8.171	113	69352	52.613	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.220%	
50) Toluene-d8	10.571	98	153140	51.582	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.853	95	125612	57.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.594	59	184488	404.532	ug/l #	61
16) Acetone	4.447	43	66404	65.530	ug/l	99
18) Methyl Acetate	5.047	43	9323	2.417	ug/l	97
40) Benzene	8.612	78	102453	11.641	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	13026	4.923	ug/l	96
52) Toluene	10.635	92	95577	16.852	ug/l	99
67) Ethyl Benzene	11.971	91	61818	5.685	ug/l	100
68) m/p-Xylenes	12.071	106	108374	24.542	ug/l	99
69) o-Xylene	12.400	106	68678	15.654	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	22306	2.160	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	122211	11.799	ug/l	95

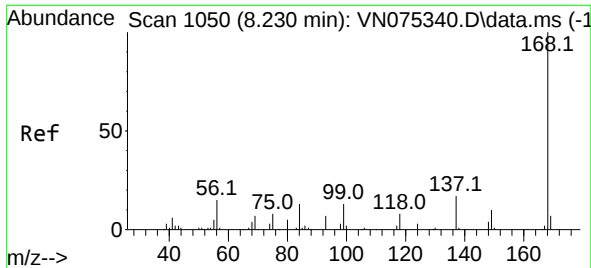
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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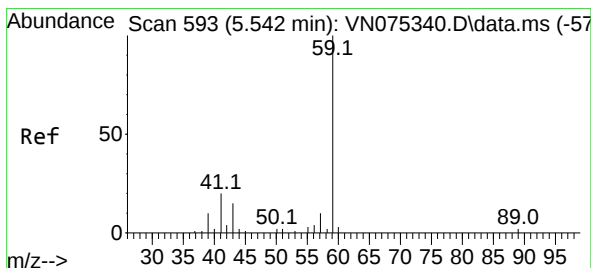
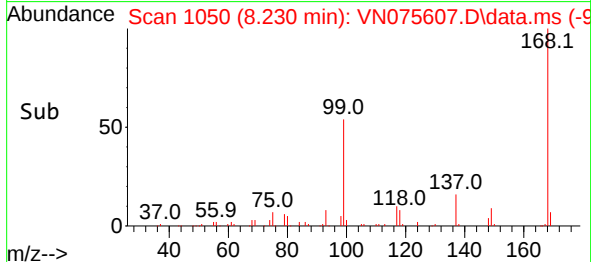
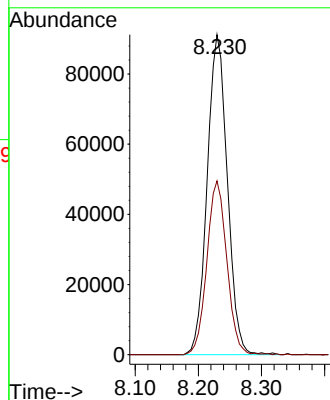
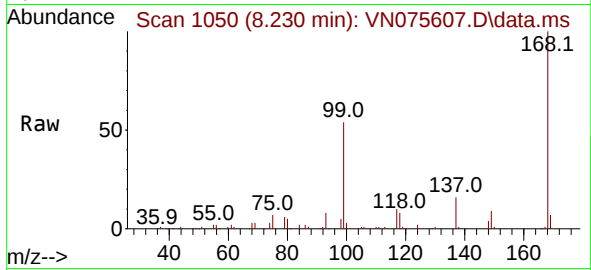




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

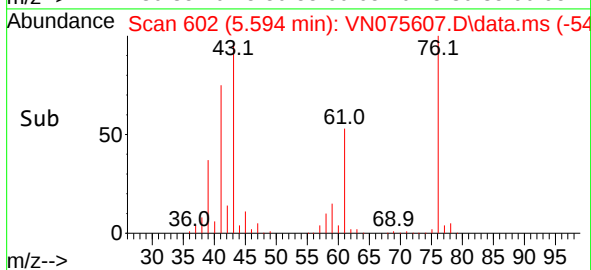
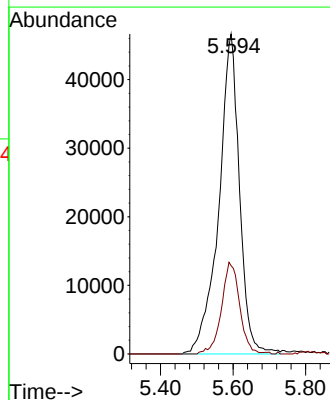
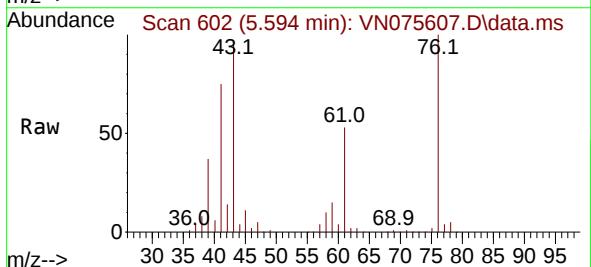
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL

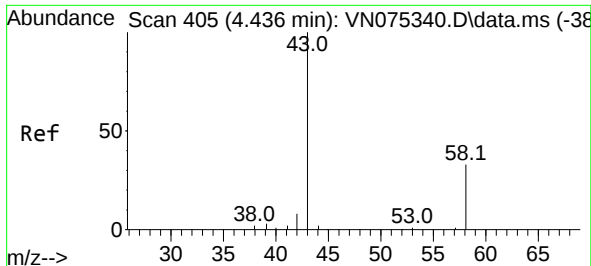
Tgt Ion:168 Resp: 202387
Ion Ratio Lower Upper
168 100
99 54.3 51.6 77.4



#11
Tert butyl alcohol
Concen: 404.532 ug/l
RT: 5.594 min Scan# 602
Delta R.T. 0.052 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 59 Resp: 184488
Ion Ratio Lower Upper
59 100
57 25.2 8.5 12.7#





#16

Acetone

Concen: 65.530 ug/l

RT: 4.447 min Scan# 405

Delta R.T. 0.011 min

Lab File: VN075607.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

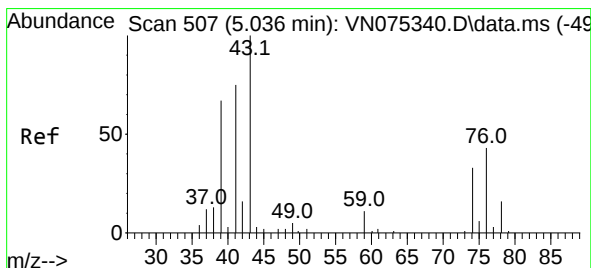
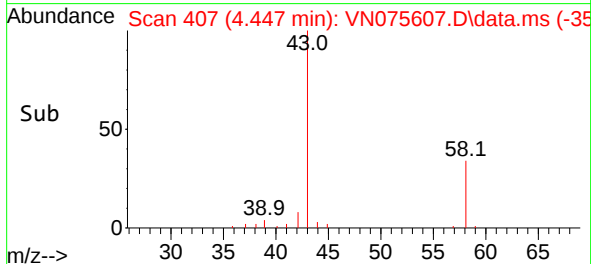
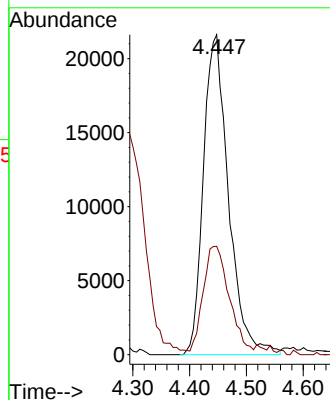
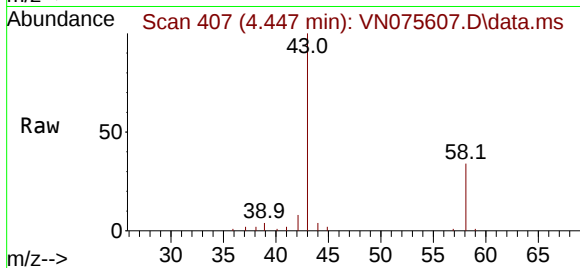
BRI-12-02-SIL

Tgt Ion: 43 Resp: 66404

Ion Ratio Lower Upper

43 100

58 32.5 25.5 38.3



#18

Methyl Acetate

Concen: 2.417 ug/l

RT: 5.047 min Scan# 509

Delta R.T. 0.011 min

Lab File: VN075607.D

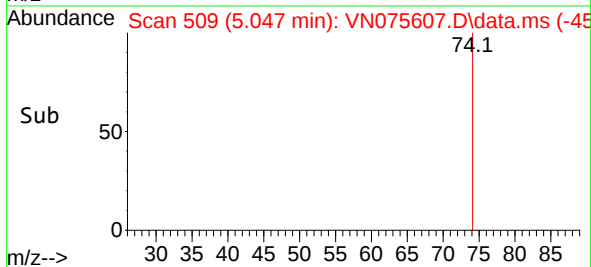
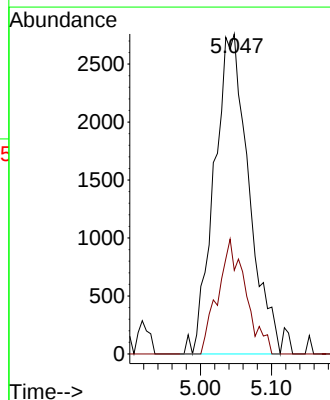
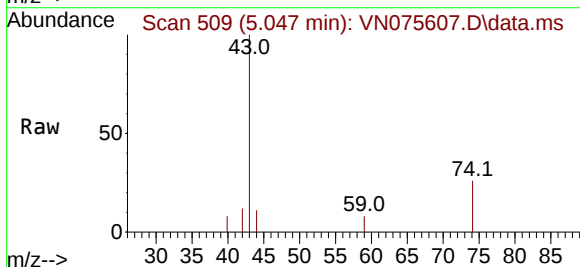
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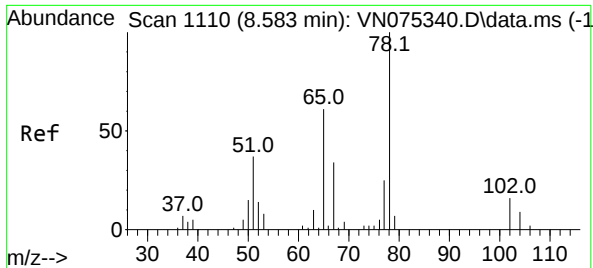
Tgt Ion: 43 Resp: 9323

Ion Ratio Lower Upper

43 100

74 29.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 51.097 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075607.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

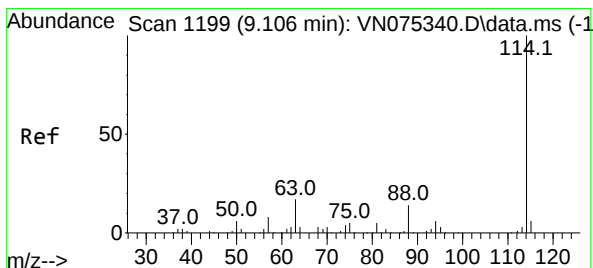
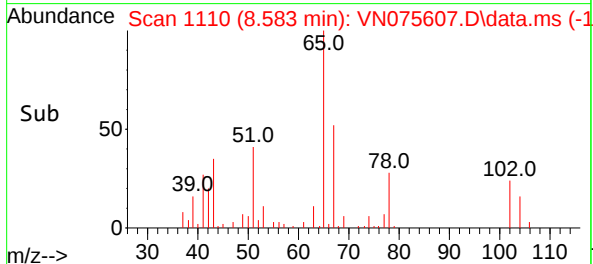
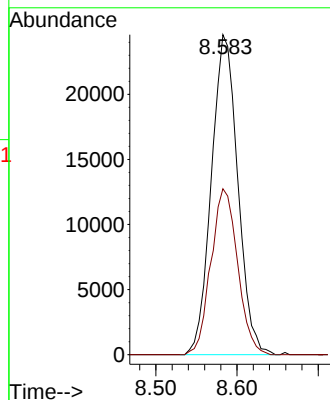
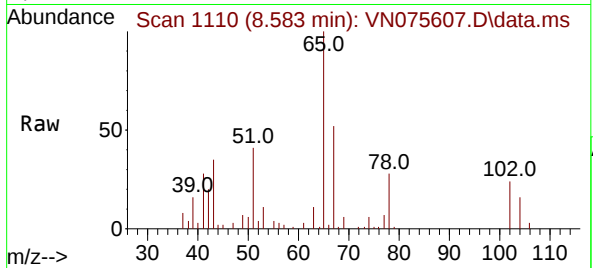
BRI-12-02-SIL

Tgt Ion: 65 Resp: 55511

Ion Ratio Lower Upper

65 100

67 52.4 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: VN075607.D

Acq: 07 Dec 2022 15:25

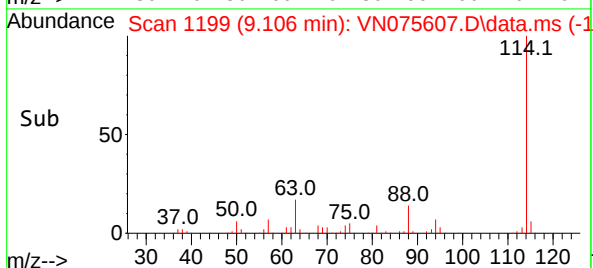
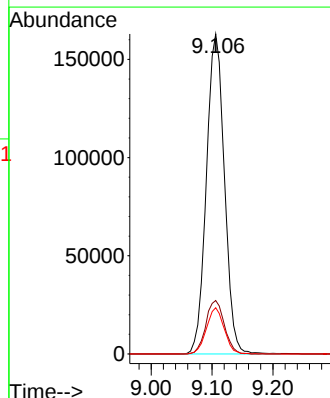
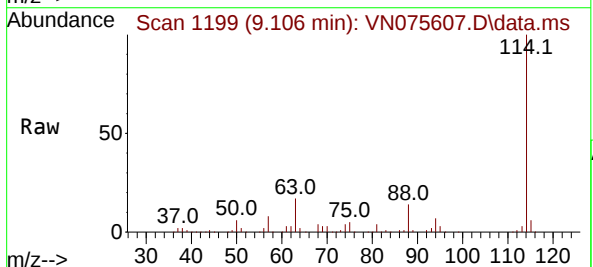
Tgt Ion: 114 Resp: 335552

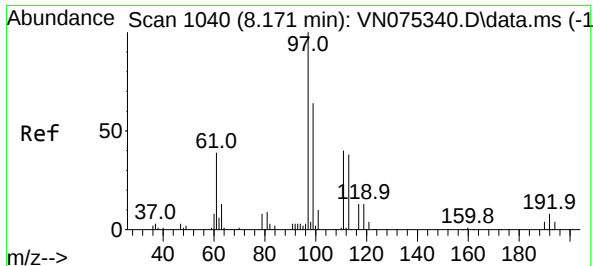
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.613 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075607.D

Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

BRI-12-02-SIL

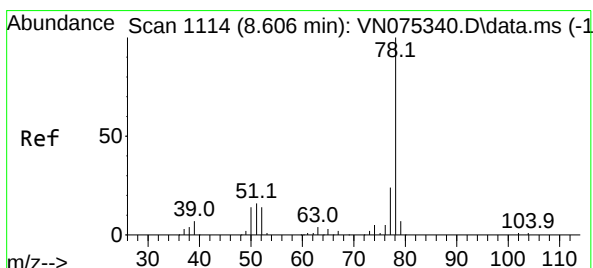
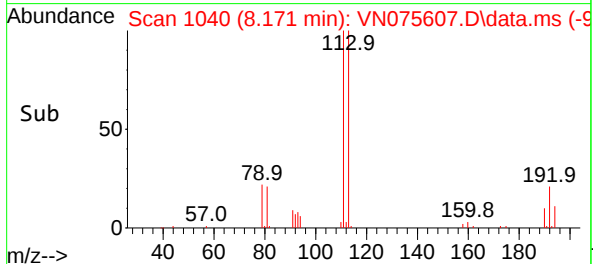
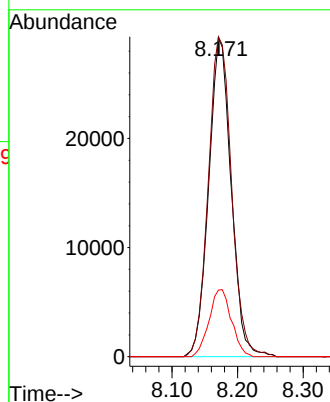
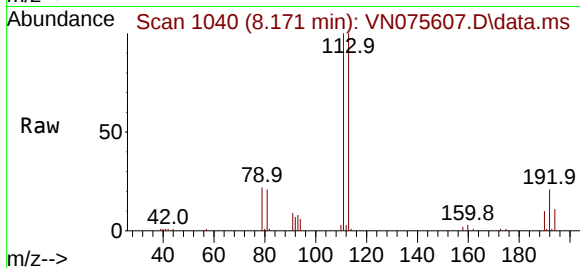
Tgt Ion:113 Resp: 69352

Ion Ratio Lower Upper

113 100

111 104.1 80.5 120.7

192 21.0 13.2 19.8#



#40

Benzene

Concen: 11.641 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075607.D

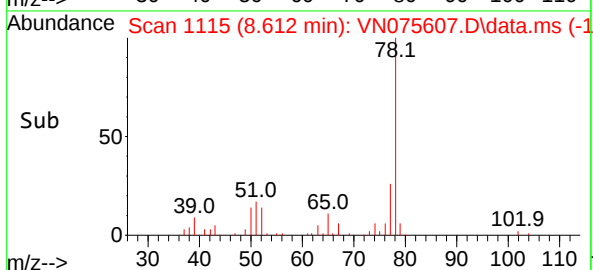
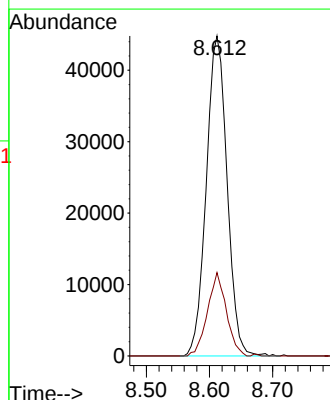
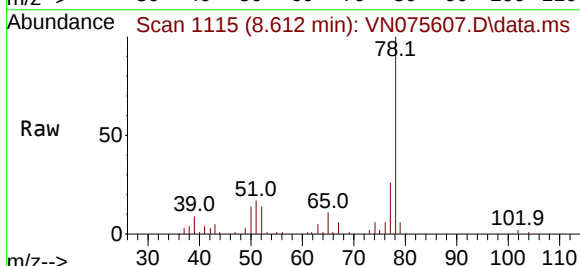
Acq: 07 Dec 2022 15:25

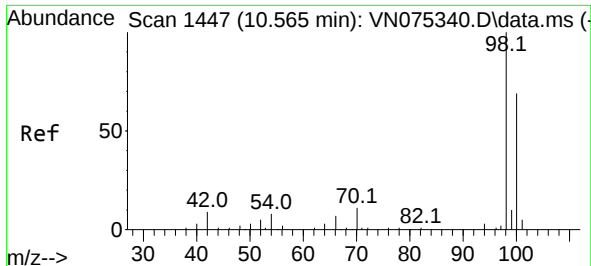
Tgt Ion: 78 Resp: 102453

Ion Ratio Lower Upper

78 100

77 26.1 19.4 29.0

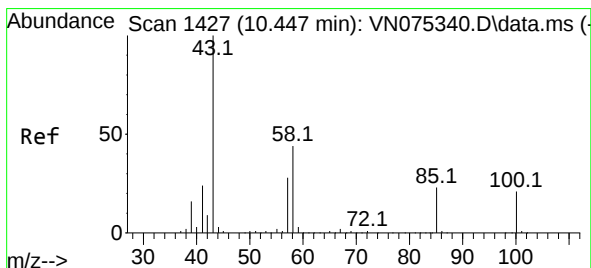
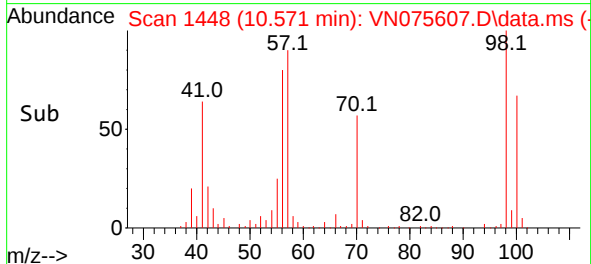
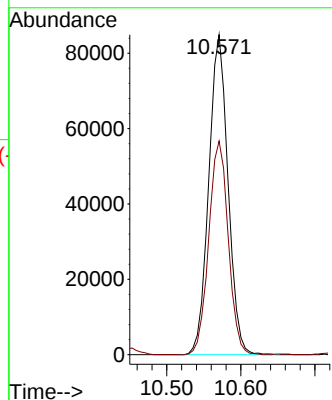
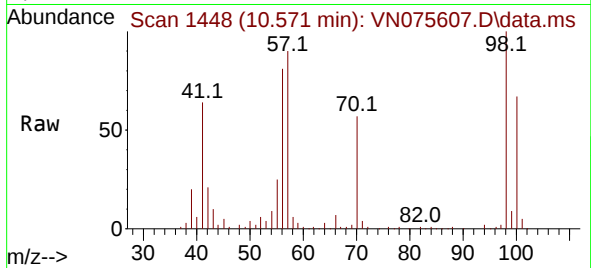




#50
Toluene-d8
Concen: 51.582 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

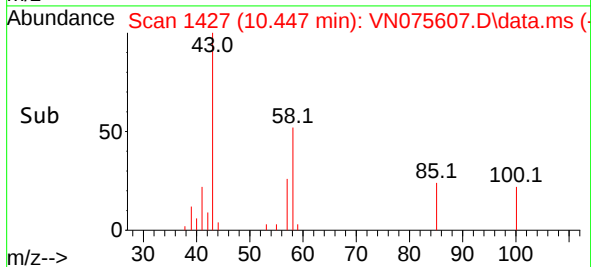
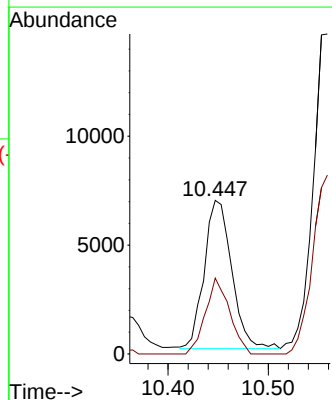
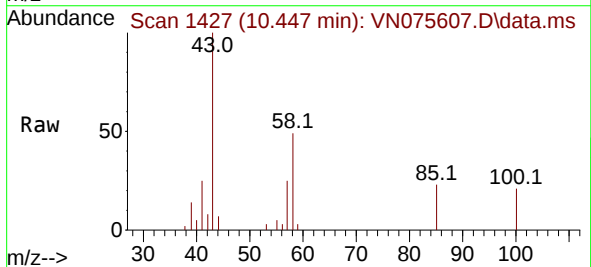
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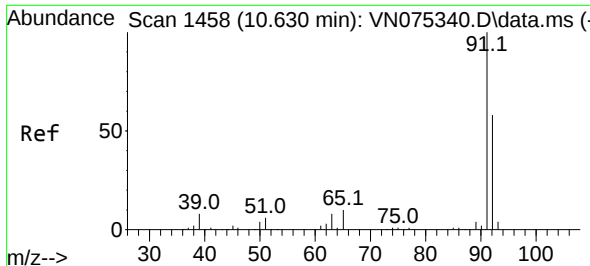
Tgt Ion: 98 Resp: 153140
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 4.923 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 43 Resp: 13026
Ion Ratio Lower Upper
43 100
58 44.7 33.6 50.4

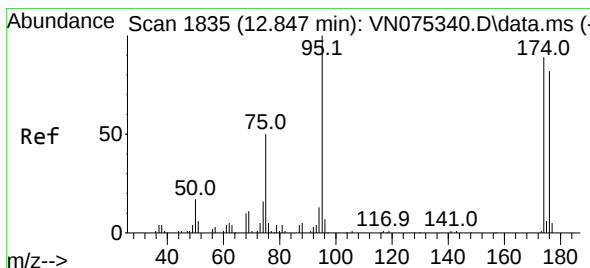
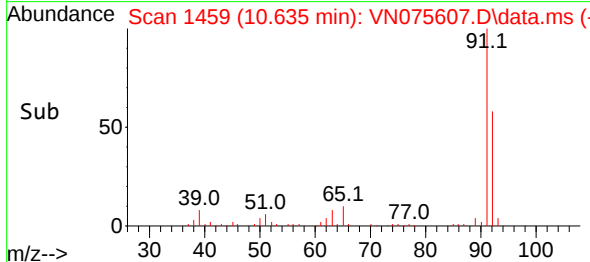
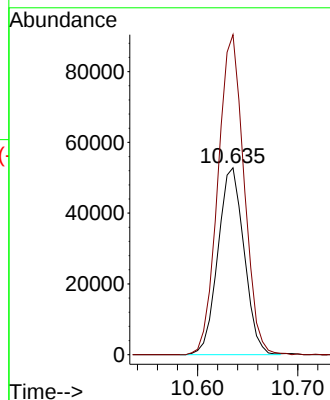
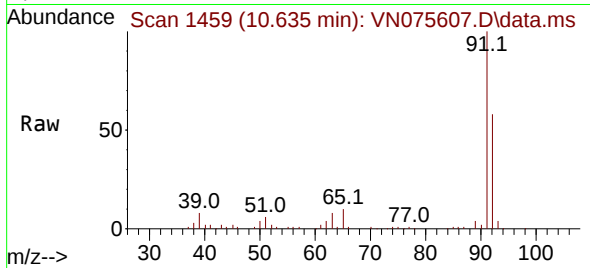




#52
Toluene
Concen: 16.852 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

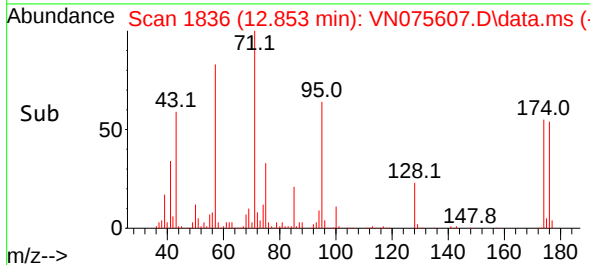
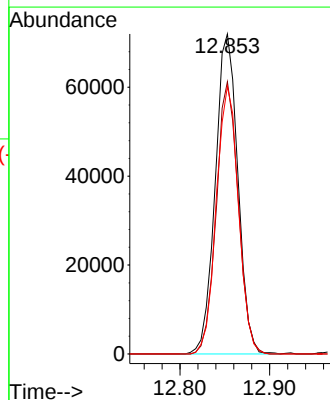
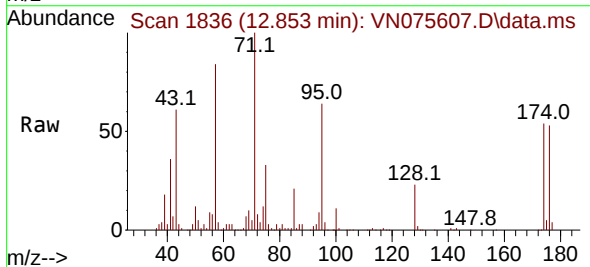
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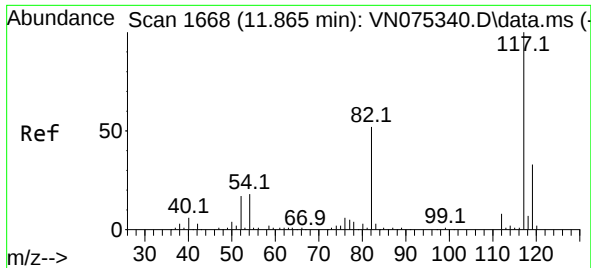
Tgt Ion: 92 Resp: 95577
Ion Ratio Lower Upper
92 100
91 171.1 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 57.322 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 95 Resp: 125612
Ion Ratio Lower Upper
95 100
174 82.6 0.0 147.4
176 82.0 0.0 142.2

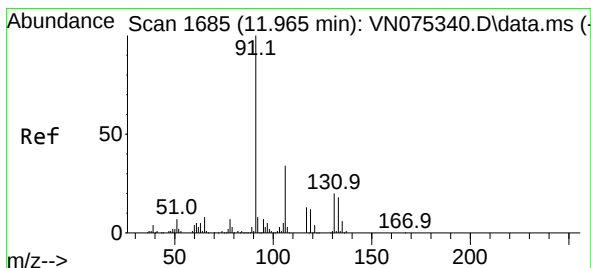
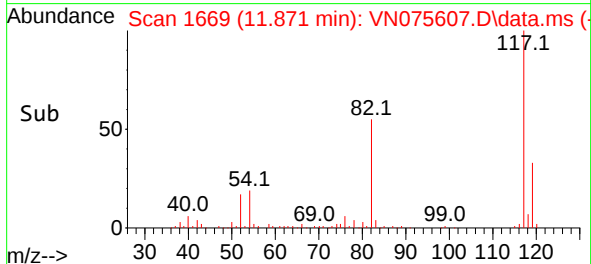
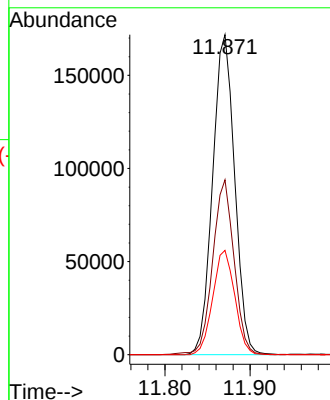
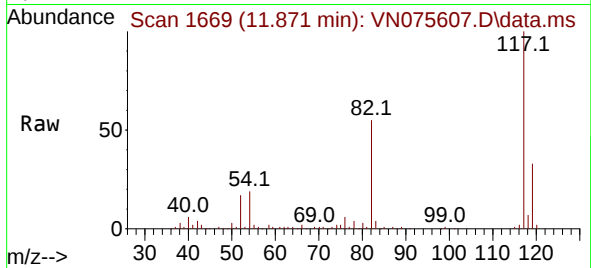




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

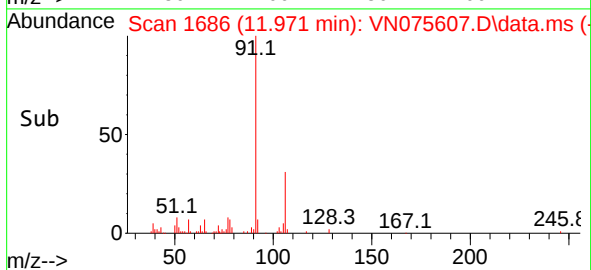
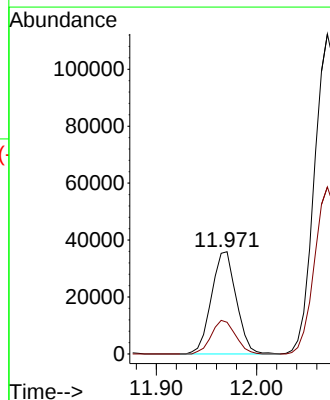
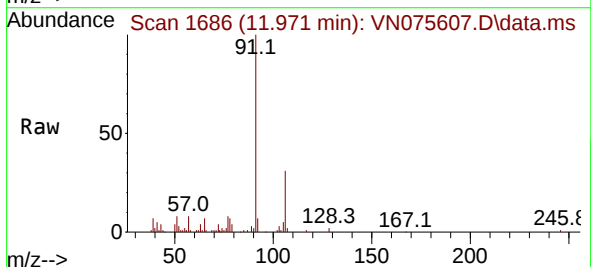
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL

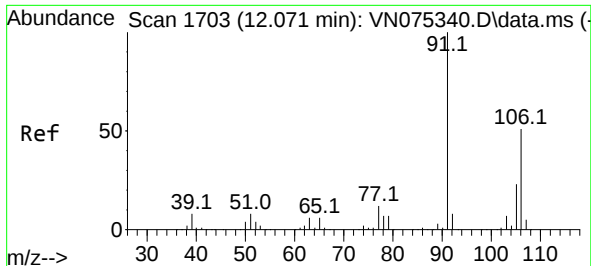
Tgt Ion:117 Resp: 308630
Ion Ratio Lower Upper
117 100
82 54.6 43.1 64.7
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 5.685 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

Tgt Ion: 91 Resp: 61818
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

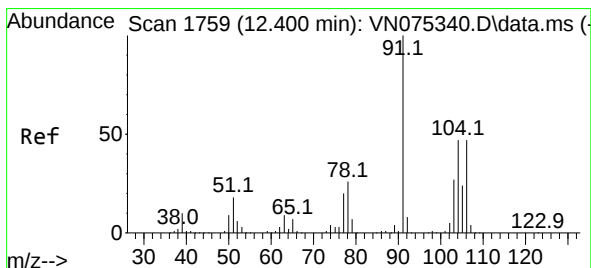
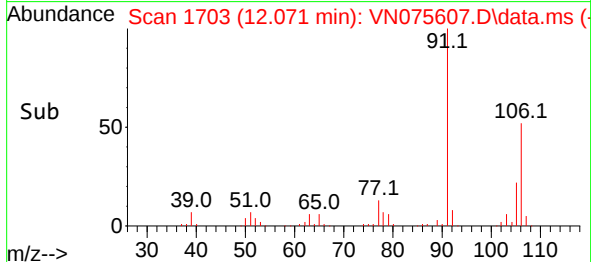
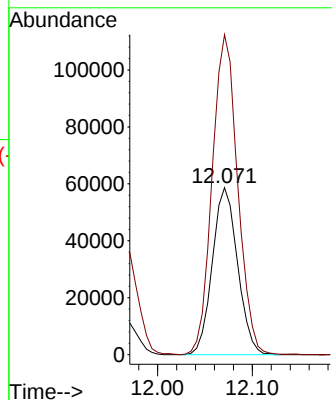
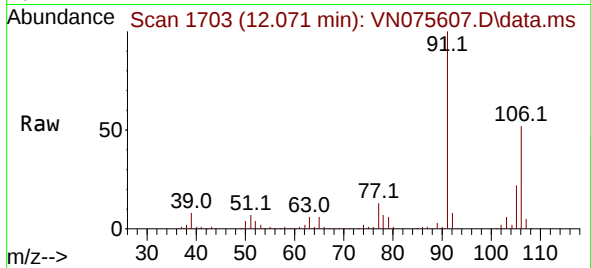




#68
m/p-Xylenes
Concen: 24.542 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

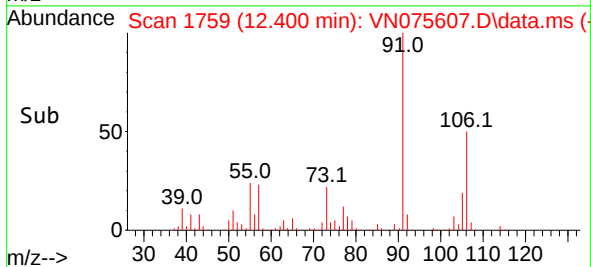
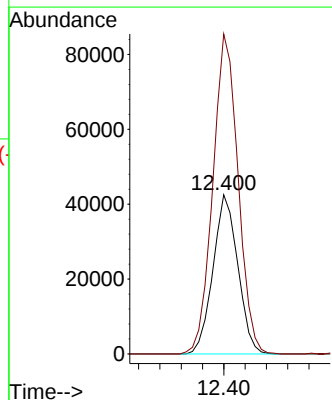
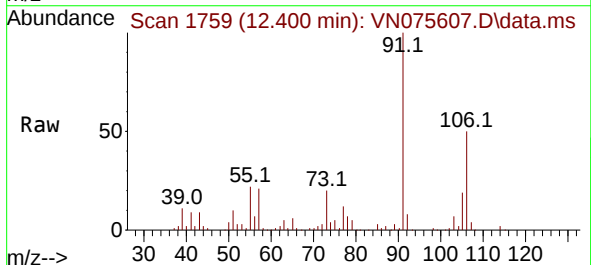
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL

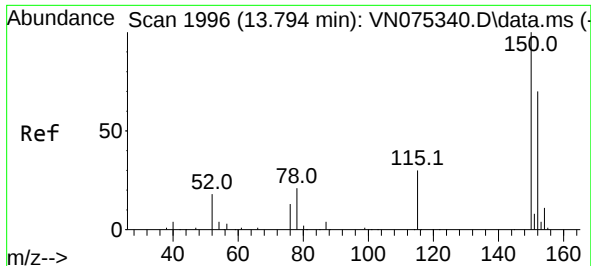
Tgt Ion:106 Resp: 108374
Ion Ratio Lower Upper
106 100
91 194.0 156.0 234.0



#69
o-Xylene
Concen: 15.654 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075607.D
Acq: 07 Dec 2022 15:25

Tgt Ion:106 Resp: 68678
Ion Ratio Lower Upper
106 100
91 204.7 105.2 315.5

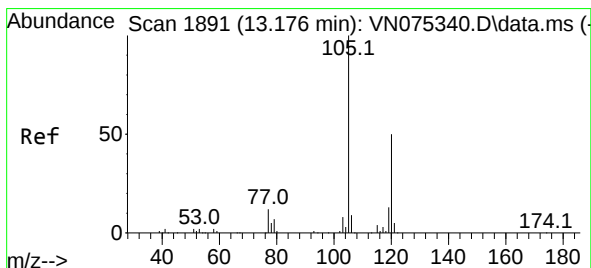
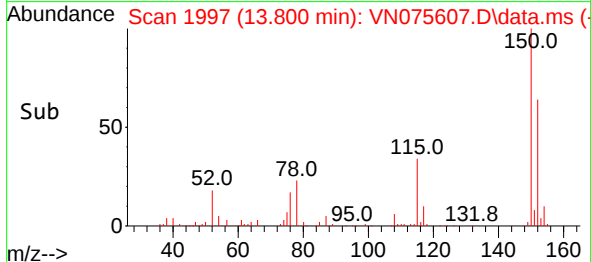
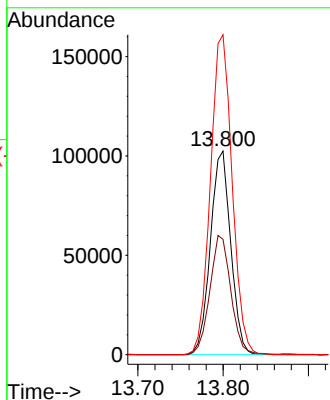
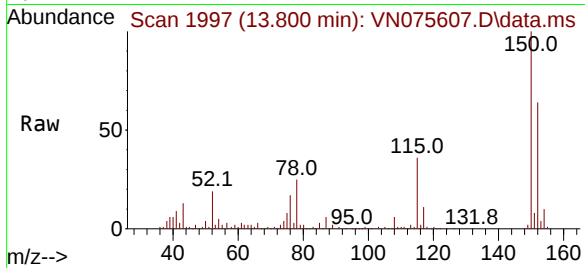




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 1996
 Delta R.T. 0.006 min
 Lab File: VN075607.D
 Acq: 07 Dec 2022 15:25

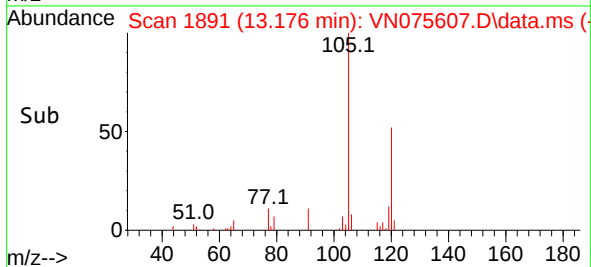
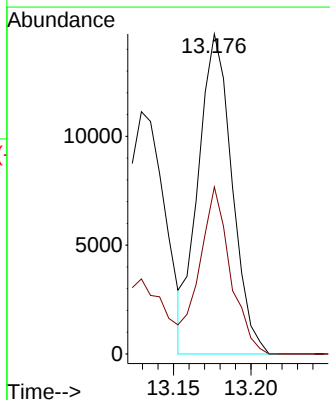
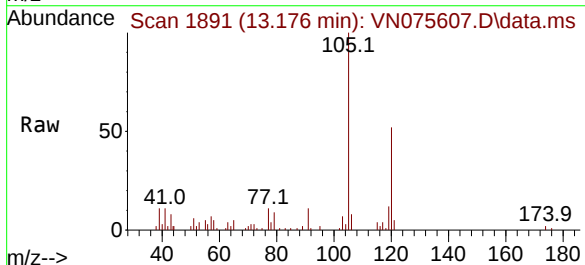
Instrument :
 MSVOA_N
 ClientSampleId :
 BRI-12-02-SIL

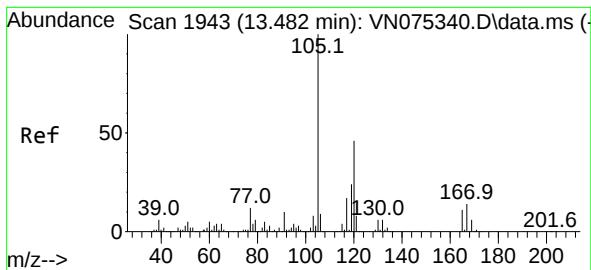
Tgt Ion:152 Resp: 170123
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.2 90.6
 150 167.6 0.0 348.4



#80
 1,3,5-Trimethylbenzene
 Concen: 2.160 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075607.D
 Acq: 07 Dec 2022 15:25

Tgt Ion:105 Resp: 22306
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 11.799 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN075607.D

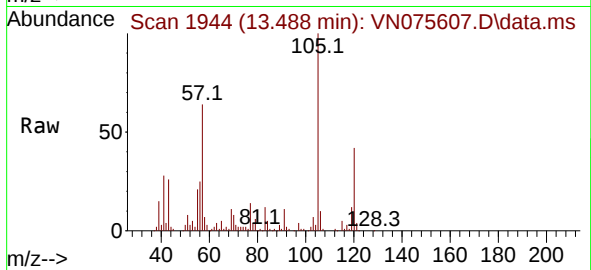
Acq: 07 Dec 2022 15:25

Instrument :

MSVOA_N

ClientSampleId :

BRI-12-02-SIL



Tgt Ion:105 Resp: 122211

Ion Ratio Lower Upper

105 100

120 42.2 22.7 68.1

