

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078275.D
 Acq On : 19 Jun 2023 13:23
 Operator : JC\MD
 Sample : 03241-01
 Misc : 1.13g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30852

Quant Time: Jun 19 16:03:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	332962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	600896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	555359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250244	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	235904	53.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.280%
35) Dibromofluoromethane	8.177	113	200397	52.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.480%
50) Toluene-d8	10.571	98	754277	51.497	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.853	95	266343	58.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.980%

Target Compounds						Qvalue
16) Acetone	4.453	43	43137	33.758	ug/l	96
52) Toluene	10.635	92	2856	0.278	ug/l	# 72
68) m/p-Xylenes	12.076	106	18680	2.388	ug/l	97
69) o-Xylene	12.406	106	132127	17.204	ug/l	98
73) Isopropylbenzene	12.700	105	322898	13.645	ug/l	97
78) n-propylbenzene	13.041	91	1750376	68.081	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	2203719	115.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	6319401	340.216	ug/l	98
86) p-Isopropyltoluene	13.735	119	753483	42.597	ug/l	88
89) n-Butylbenzene	14.059	91	82591	5.920	ug/l	# 76

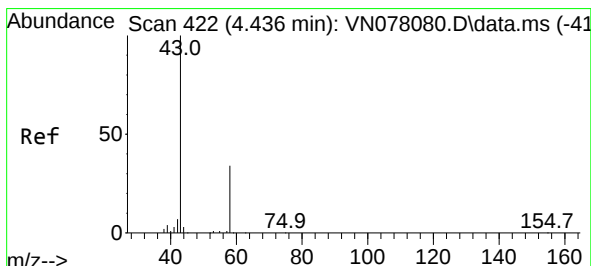
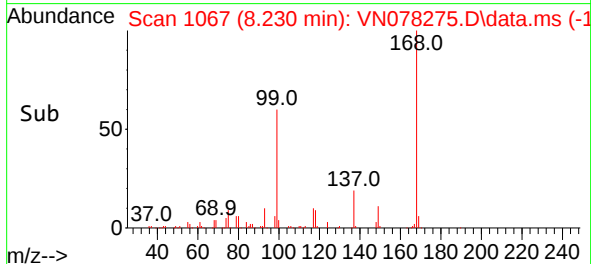
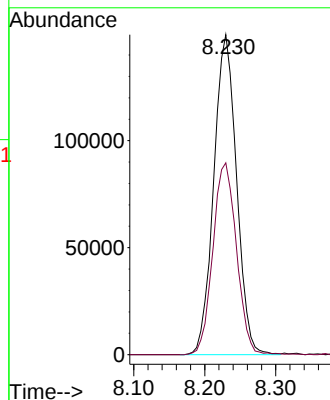
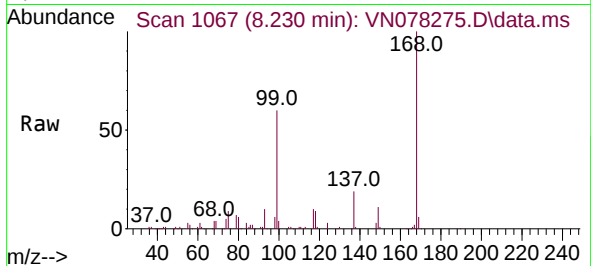
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

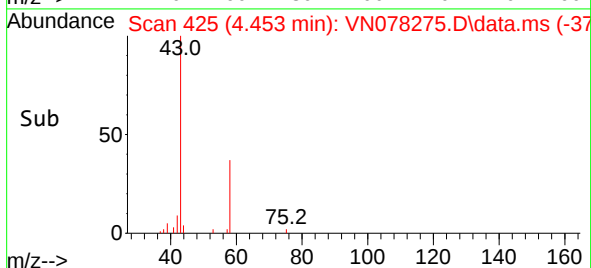
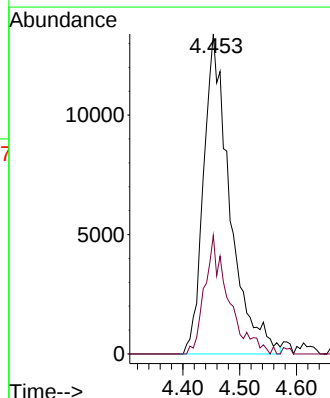
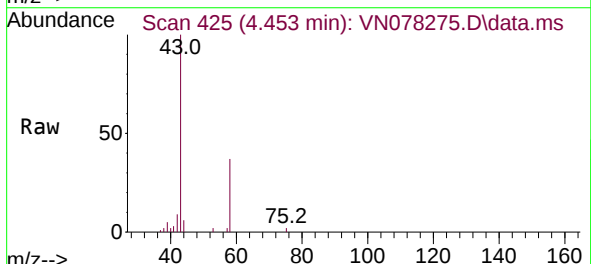
Instrument :
MSVOA_N
ClientSampleId :
30852

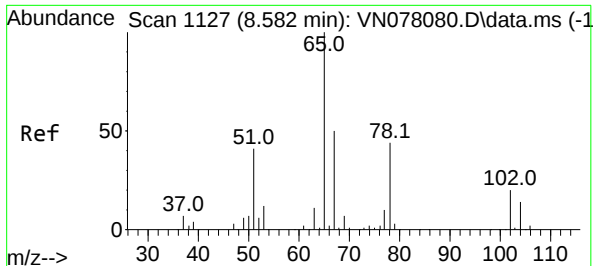
Tgt Ion:168 Resp: 332962
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#16
Acetone
Concen: 33.758 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 43 Resp: 43137
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 53.139 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

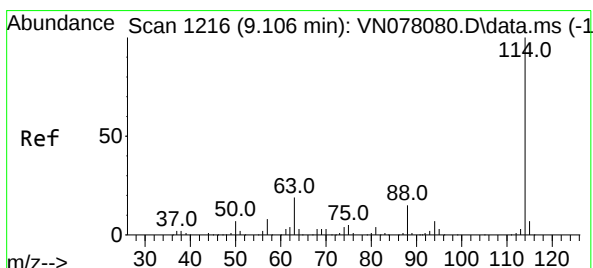
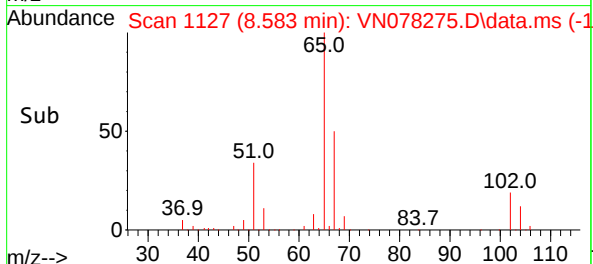
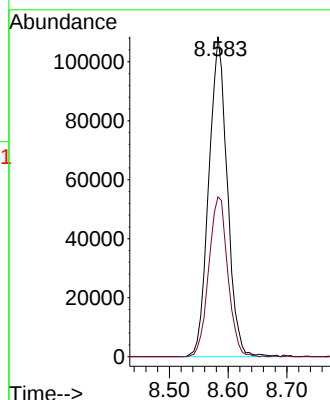
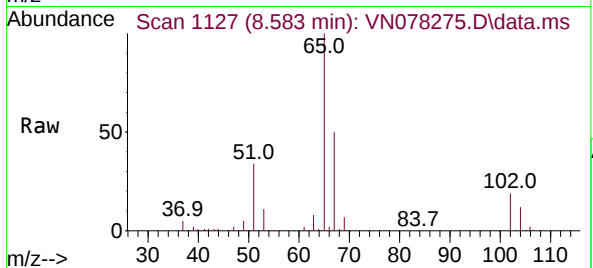
30852

Tgt Ion: 65 Resp: 235904

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

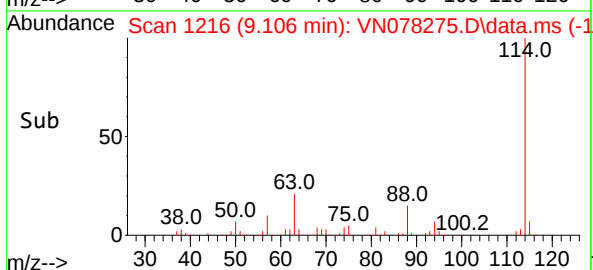
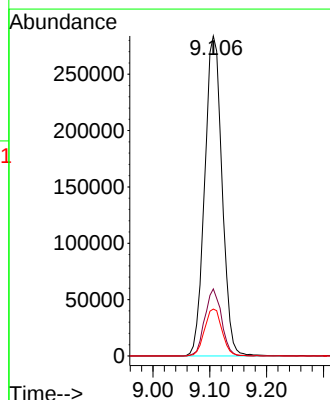
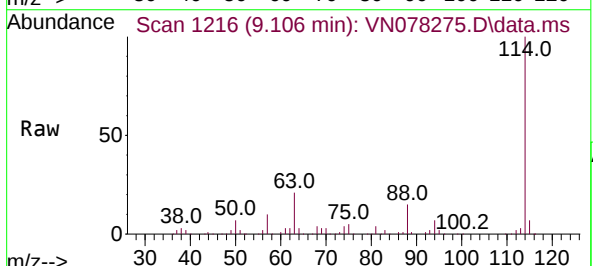
Tgt Ion: 114 Resp: 600896

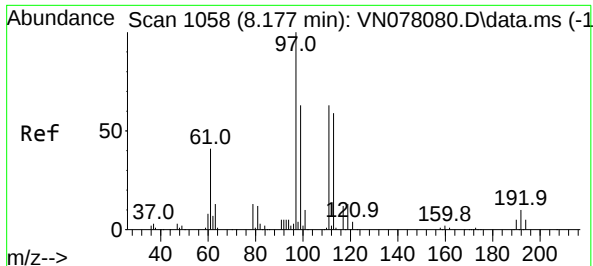
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 14.7 0.0 30.6

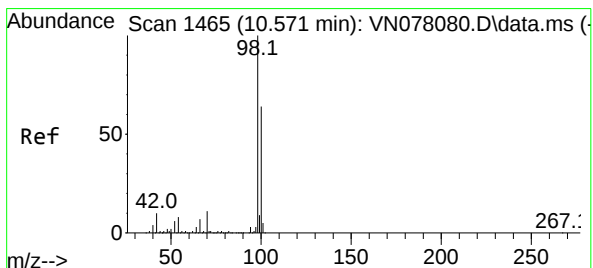
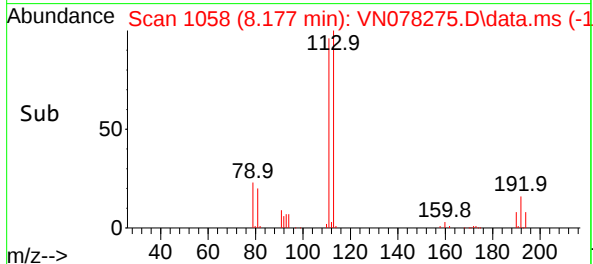
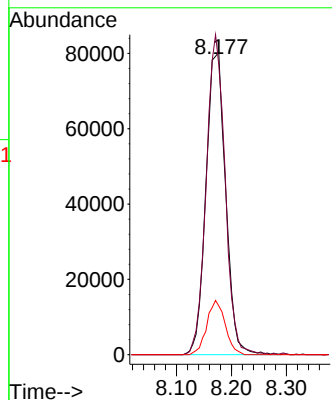
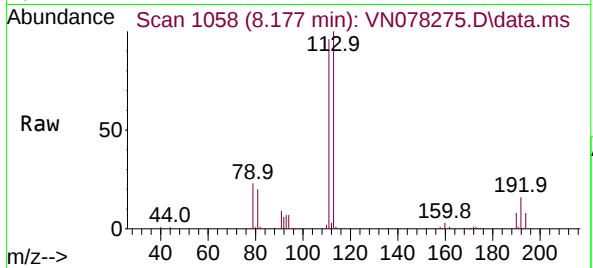




#35
Dibromofluoromethane
Concen: 52.745 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

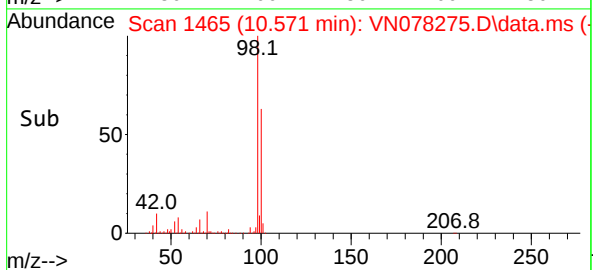
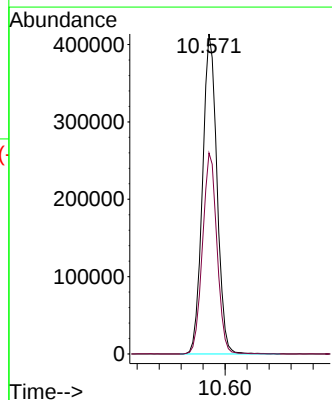
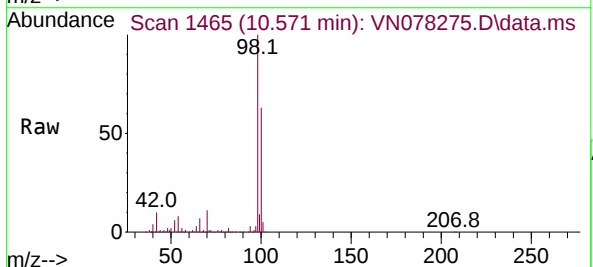
Instrument :
MSVOA_N
ClientSampleId :
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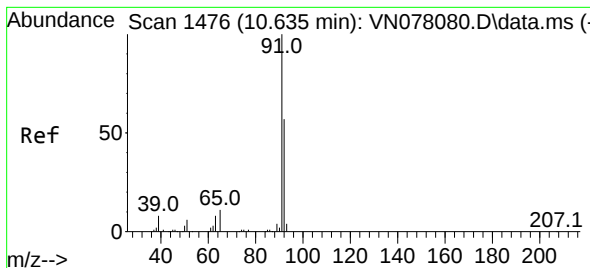
Tgt Ion:113 Resp: 200397
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 16.8 12.7 19.1



#50
Toluene-d8
Concen: 51.497 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 98 Resp: 754277
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0





#52

Toluene

Concen: 0.278 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

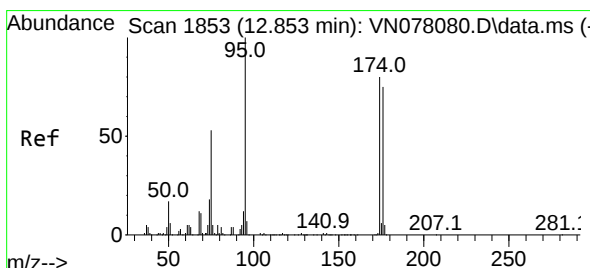
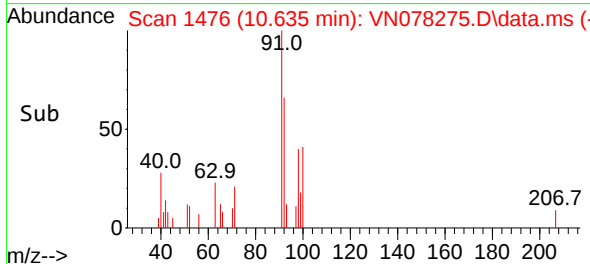
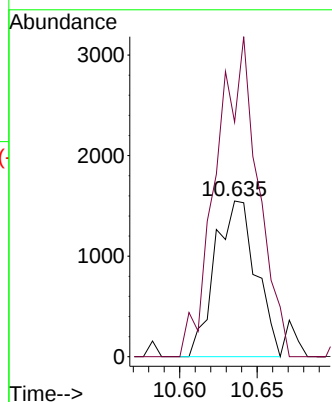
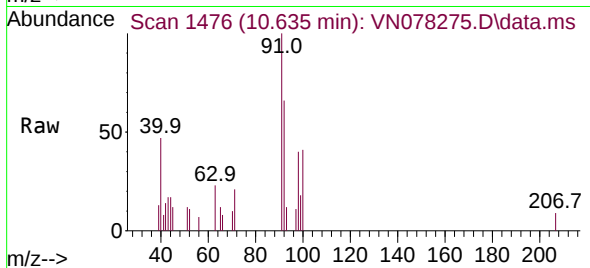
30852

Tgt Ion: 92 Resp: 2856

Ion Ratio Lower Upper

92 100

91 210.0 137.4 206.0#



#62

4-Bromofluorobenzene

Concen: 58.493 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

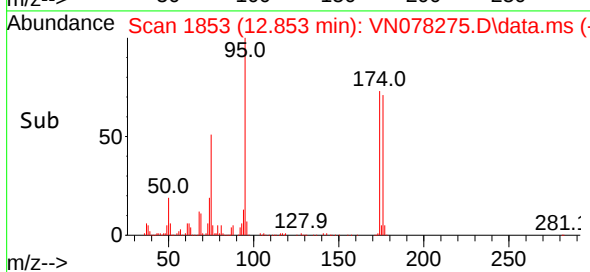
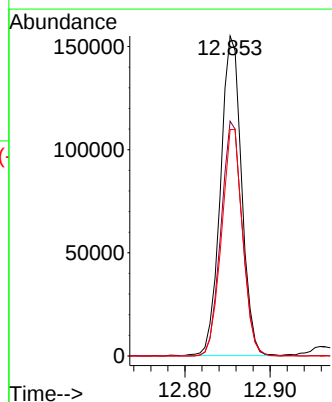
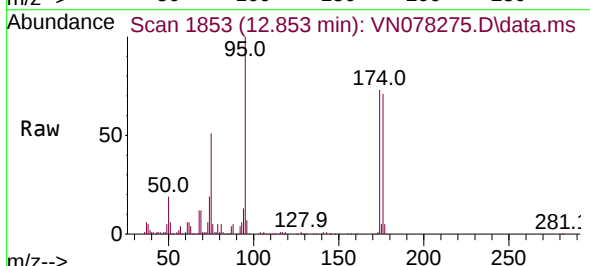
Tgt Ion: 95 Resp: 266343

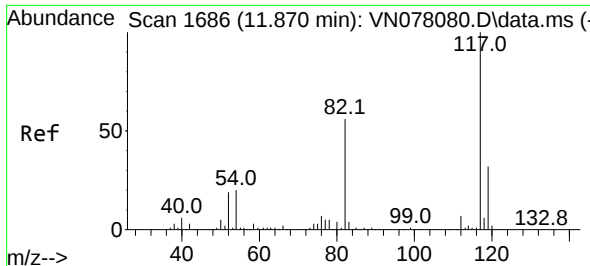
Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.8

176 71.1 0.0 135.8

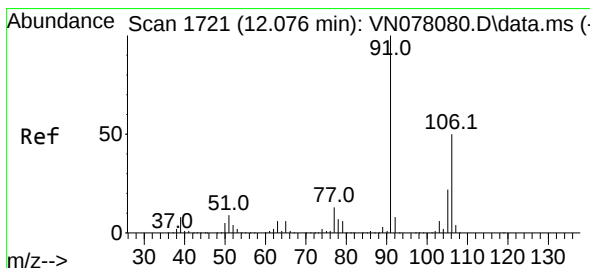
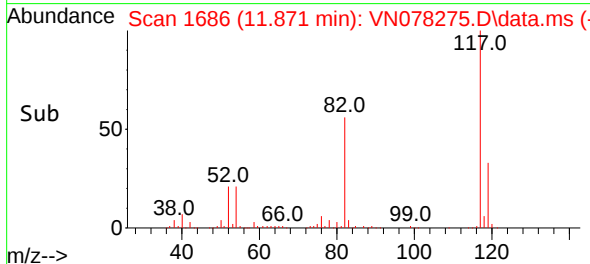
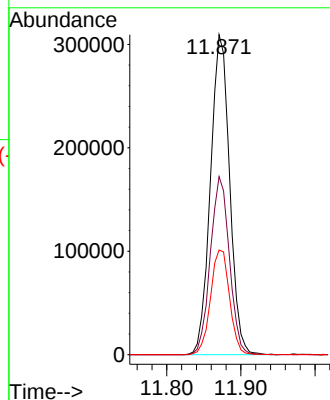
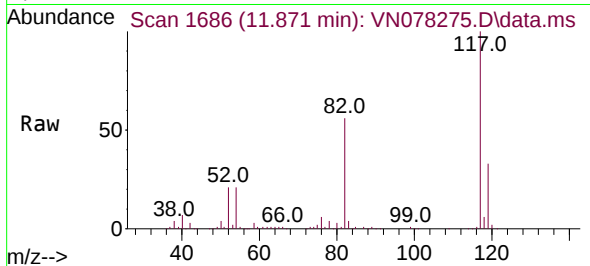




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

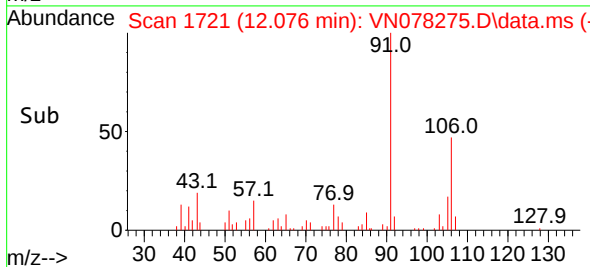
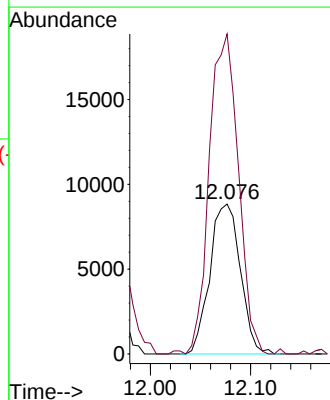
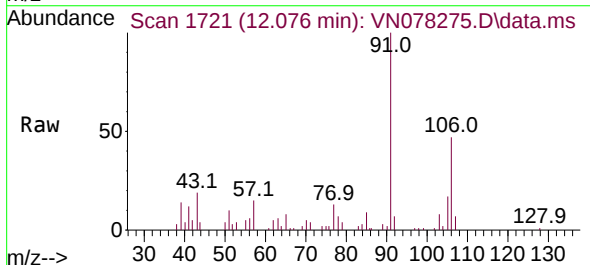
Instrument :
MSVOA_N
ClientSampleId :
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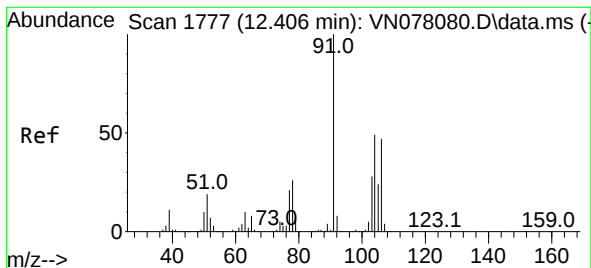
Tgt Ion:117 Resp: 555359
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 2.388 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion:106 Resp: 18680
Ion Ratio Lower Upper
106 100
91 204.3 159.6 239.4





#69

o-Xylene

Concen: 17.204 ug/l

RT: 12.406 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

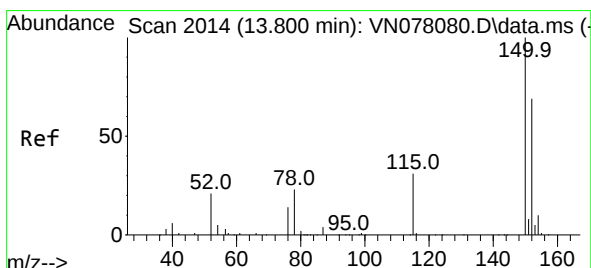
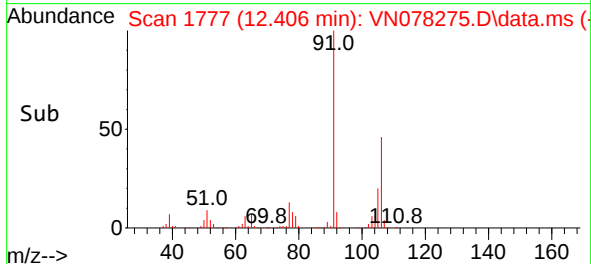
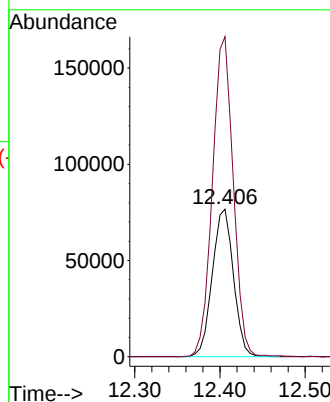
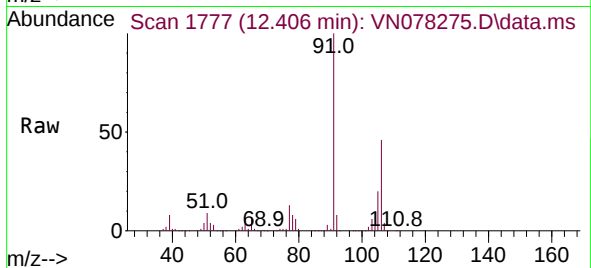
30852

Tgt Ion:106 Resp: 132127

Ion Ratio Lower Upper

106 100

91 213.7 105.2 315.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

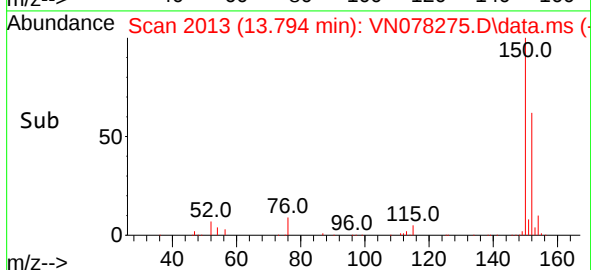
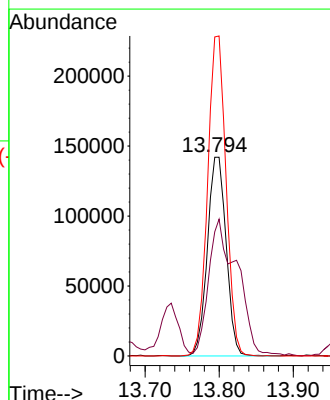
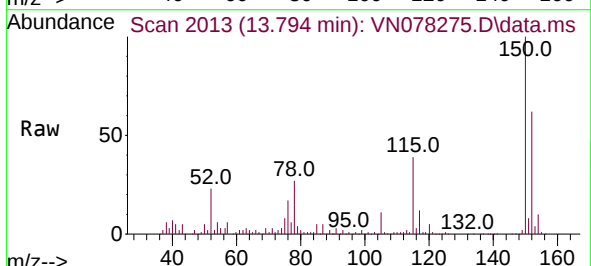
Tgt Ion:152 Resp: 250244

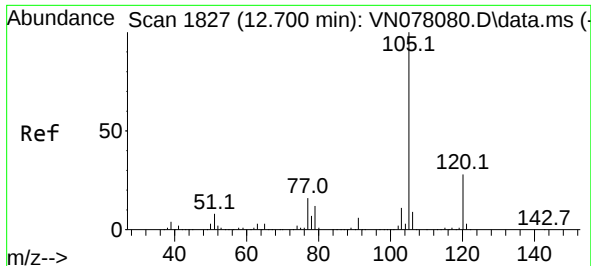
Ion Ratio Lower Upper

152 100

115 104.5 32.3 96.8#

150 157.5 0.0 355.8

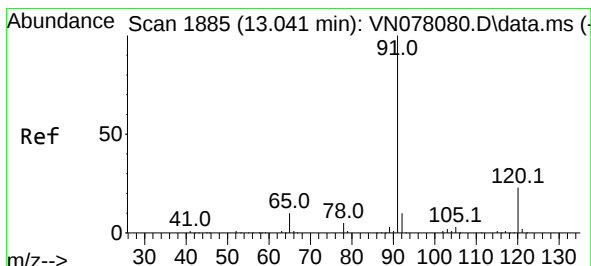
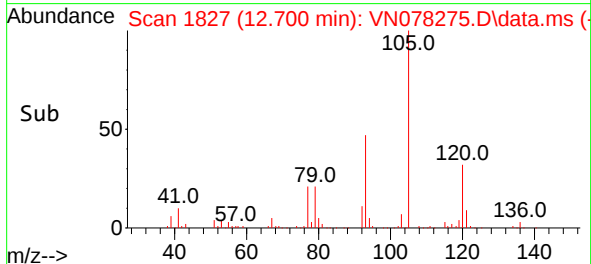
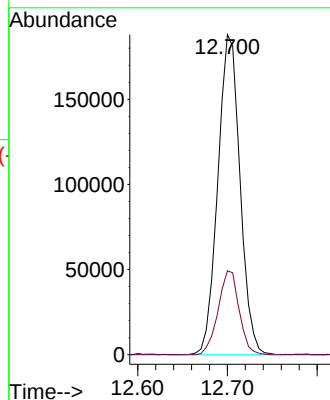
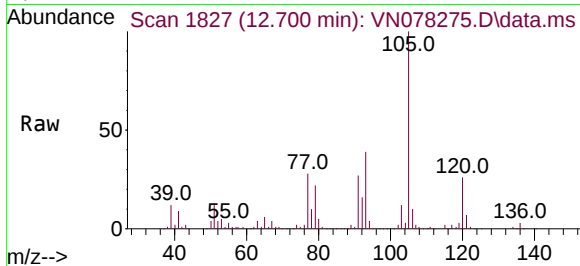




#73
Isopropylbenzene
Concen: 13.645 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

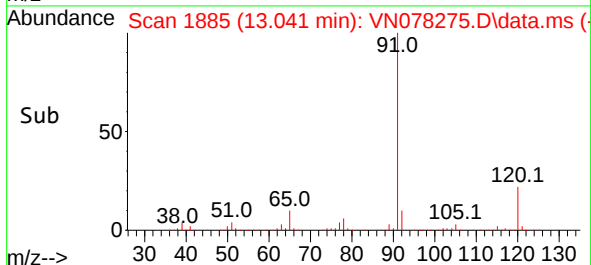
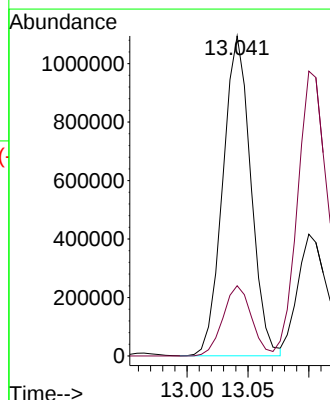
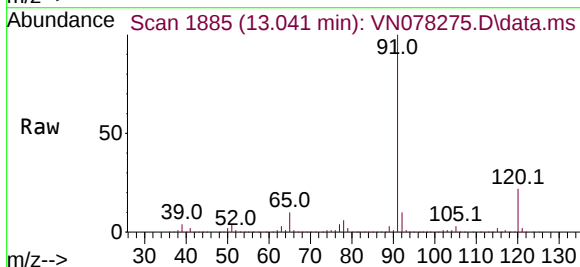
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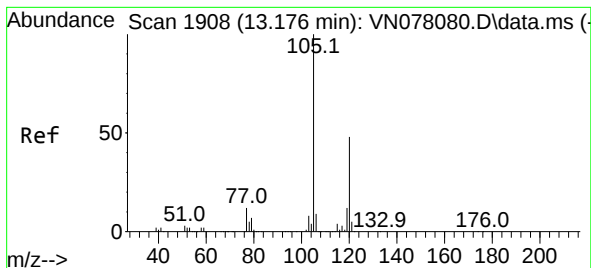
Tgt Ion:105 Resp: 322898
Ion Ratio Lower Upper
105 100
120 24.7 13.1 39.1



#78
n-propylbenzene
Concen: 68.081 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 91 Resp: 1750376
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 115.024 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078275.D

Acq: 19 Jun 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

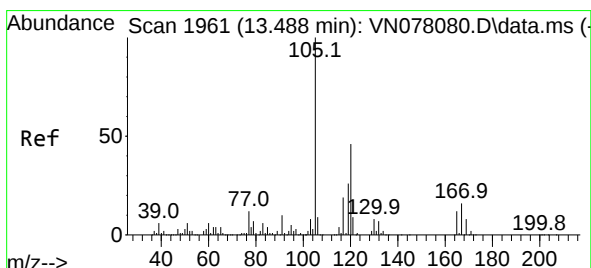
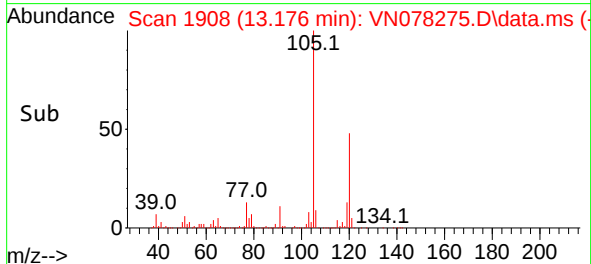
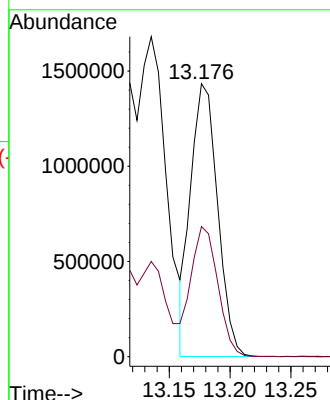
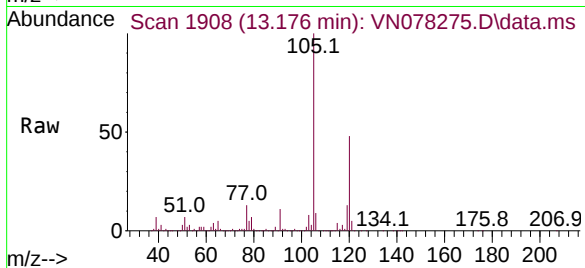
30852

Tgt Ion:105 Resp: 2203719

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 340.216 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN078275.D

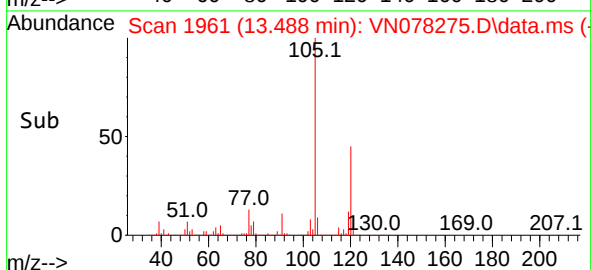
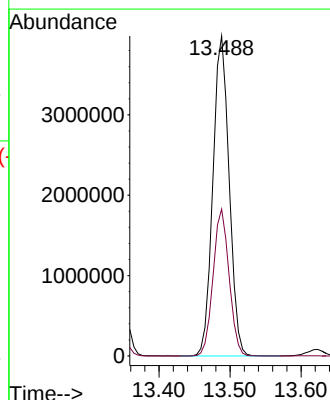
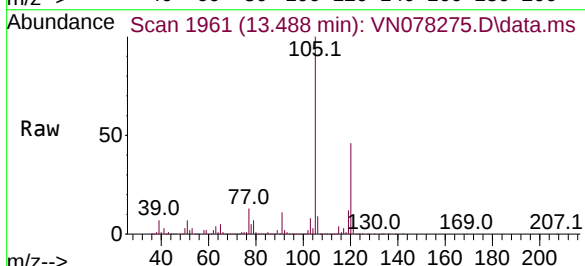
Acq: 19 Jun 2023 13:23

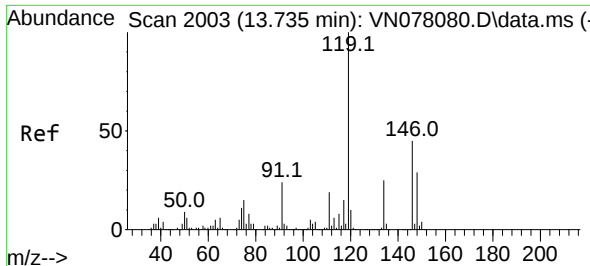
Tgt Ion:105 Resp: 6319401

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0

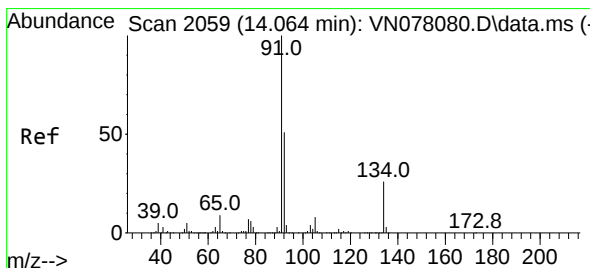
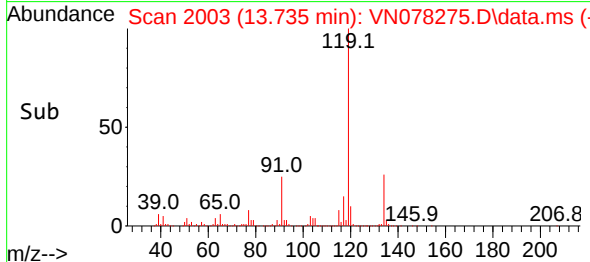
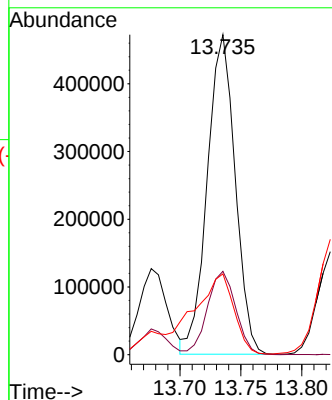
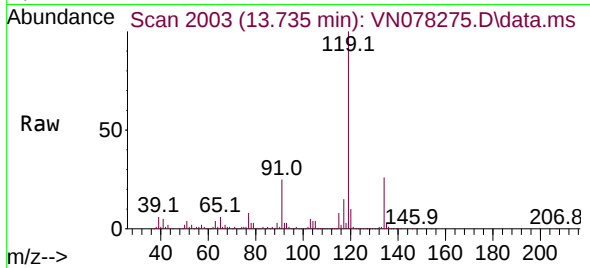




#86
p-Isopropyltoluene
Concen: 42.597 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Instrument :
MSVOA_N
ClientSampleId :
30852

Tgt Ion:119 Resp: 753483
Ion Ratio Lower Upper
119 100
134 26.6 12.6 37.8
91 35.7 12.4 37.2



#89
n-Butylbenzene
Concen: 5.920 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078275.D
Acq: 19 Jun 2023 13:23

Tgt Ion: 91 Resp: 82591
Ion Ratio Lower Upper
91 100
92 60.7 26.4 79.0
134 0.0 12.6 37.6#

