

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082905.D
 Acq On : 12 Jul 2024 17:29
 Operator : JC\MD
 Sample : P3224-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-23

Quant Time: Jul 15 01:15:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

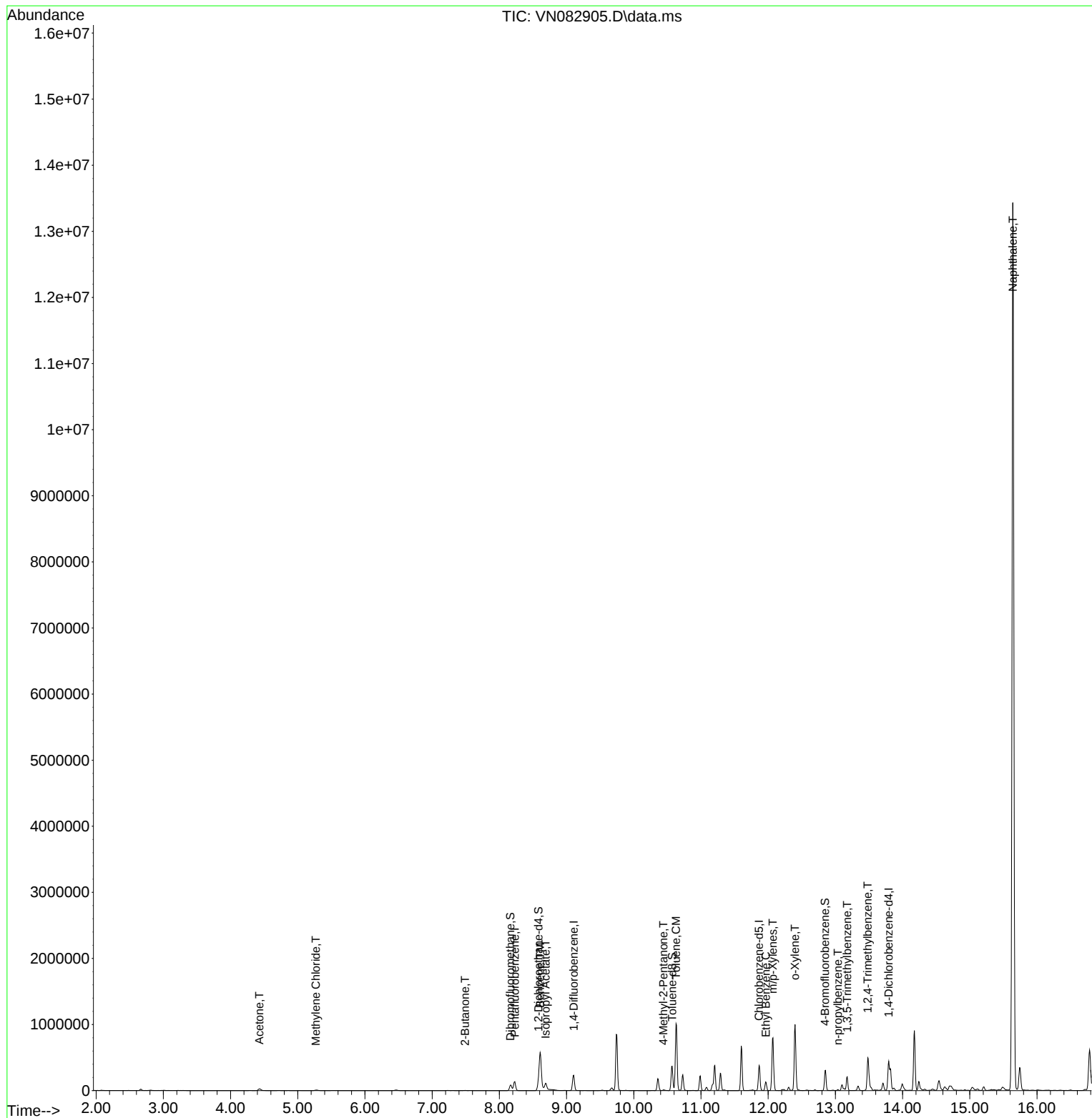
Internal Standards						
1) Pentafluorobenzene	8.230	168	95590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	201453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76174	56.847	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.700%			
35) Dibromofluoromethane	8.165	113	61217	47.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.720%			
50) Toluene-d8	10.571	98	250937	52.558	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.847	95	101876	59.402	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 118.800%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	53058	112.466	ug/l	91
20) Methylene Chloride	5.271	84	7085	6.219	ug/l	85
25) 2-Butanone	7.488	43	5159	7.242	ug/l #	85
40) Benzene	8.606	78	564830	103.028	ug/l	97
43) Isopropyl Acetate	8.688	43	191811	56.445	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	10856	6.035	ug/l #	85
52) Toluene	10.629	92	444937	129.923	ug/l	100
67) Ethyl Benzene	11.965	91	87249	11.378	ug/l	97
68) m/p-Xylenes	12.070	106	245430	84.778	ug/l	98
69) o-Xylene	12.400	106	255600	92.145	ug/l	96
78) n-propylbenzene	13.035	91	11785	1.263	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	111806	17.045	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	298775	44.691	ug/l	91
95) Naphthalene	15.641	128	12062779	1780.696	ug/l	99

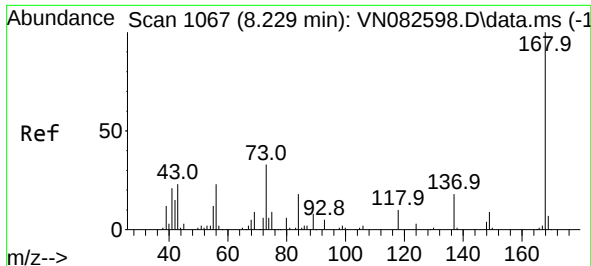
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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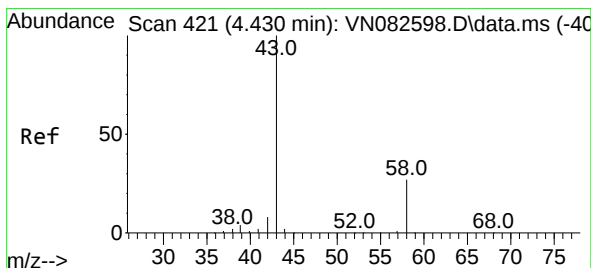
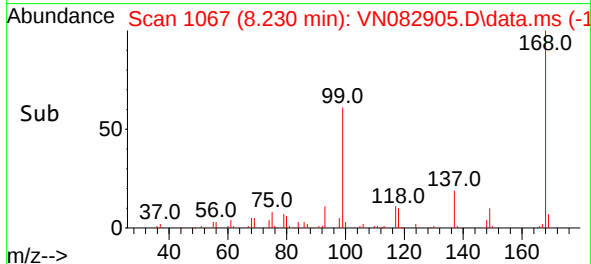
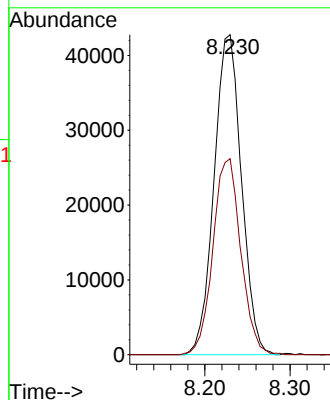
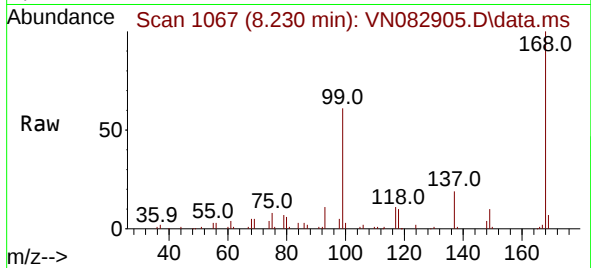




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

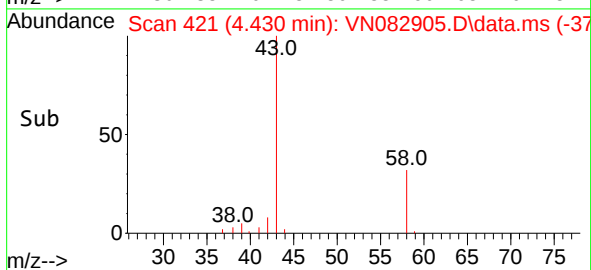
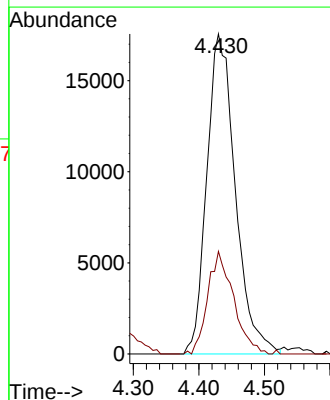
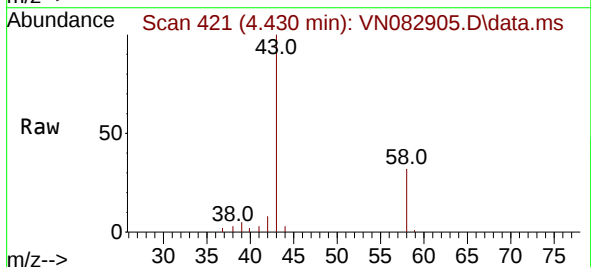
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

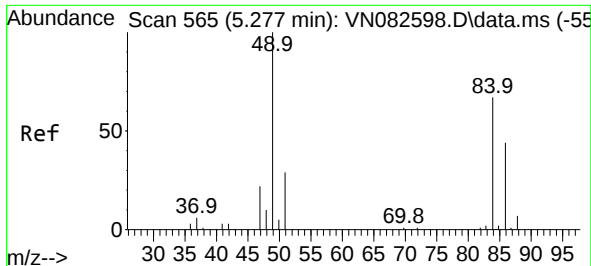
Tgt Ion:168 Resp: 95590
Ion Ratio Lower Upper
168 100
99 61.2 48.2 72.4



#16
Acetone
Concen: 112.466 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 43 Resp: 53058
Ion Ratio Lower Upper
43 100
58 32.0 21.8 32.6

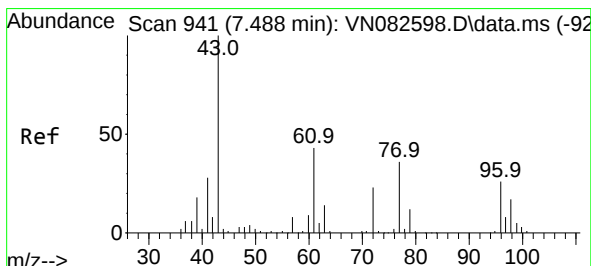
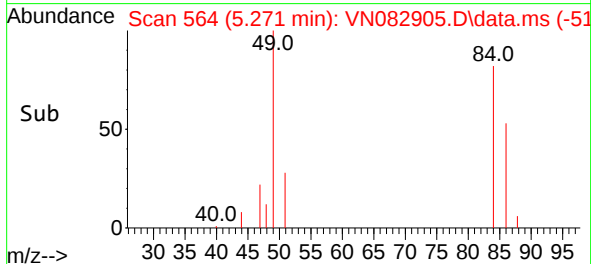
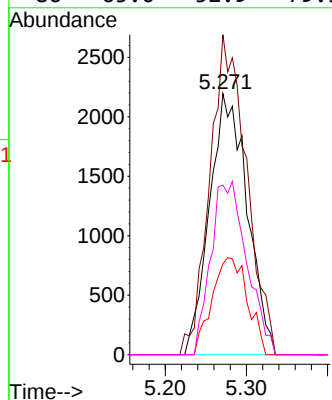
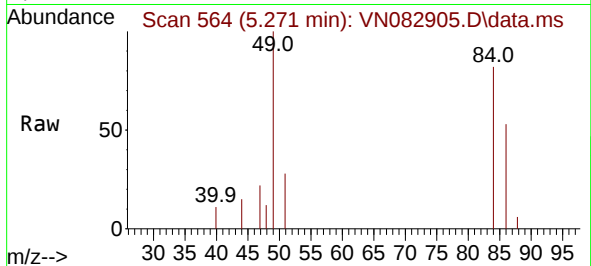




#20
Methylene Chloride
Concen: 6.219 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

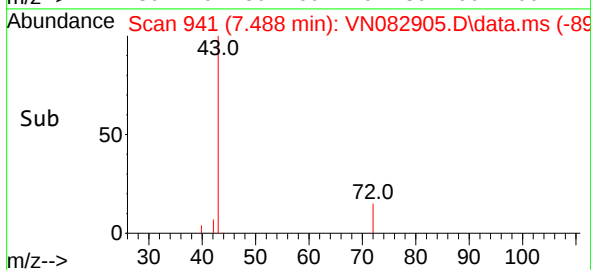
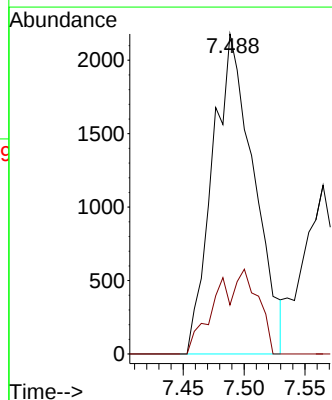
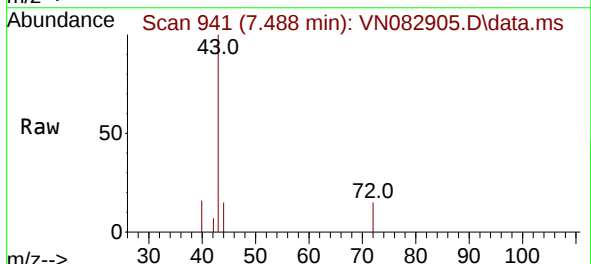
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

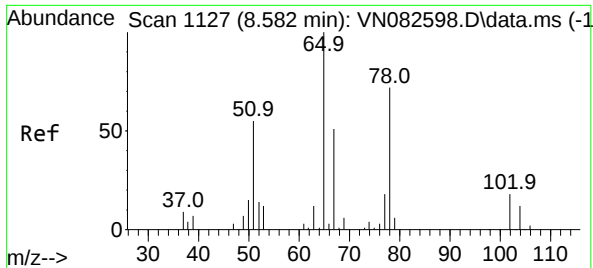
Tgt Ion: 84	Resp: 7085
Ion Ratio	Lower Upper
84 100	
49 122.7	119.6 179.4
51 34.8	34.8 52.2
86 65.0	52.9 79.3



#25
2-Butanone
Concen: 7.242 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 43	Resp: 5159		
Ion Ratio	Lower	Upper	
43 100			
72 15.3	18.2	27.2#	

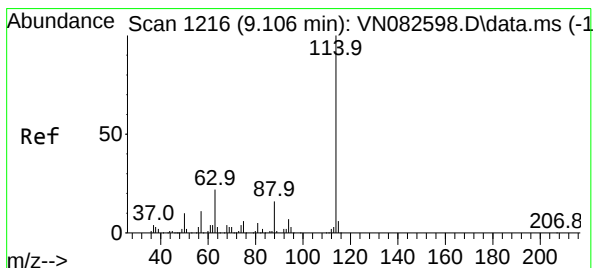
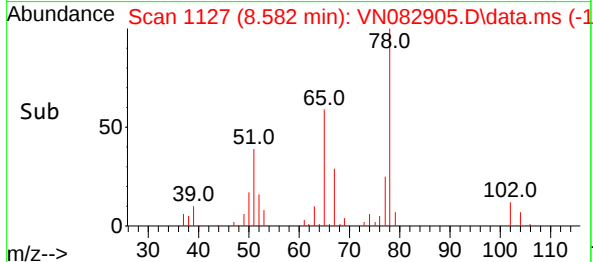
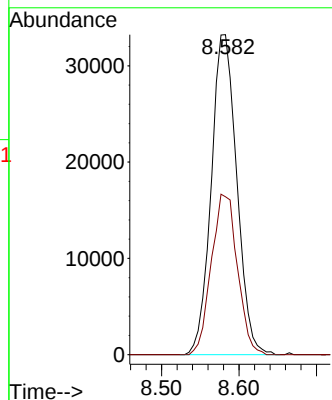
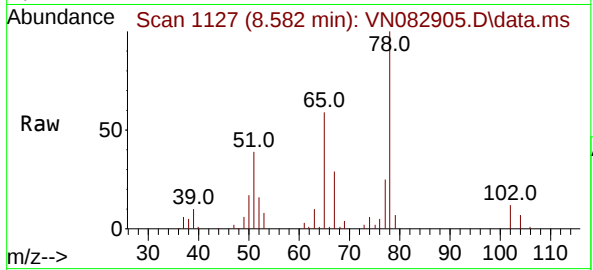




#33
 1,2-Dichloroethane-d4
 Concen: 56.847 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082905.D
 Acq: 12 Jul 2024 17:29

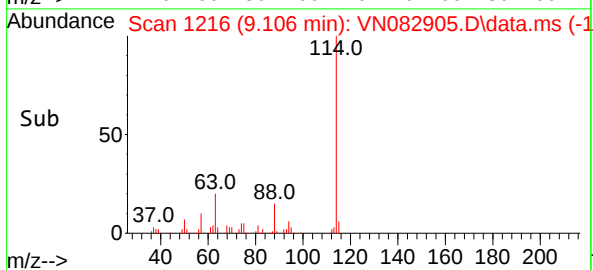
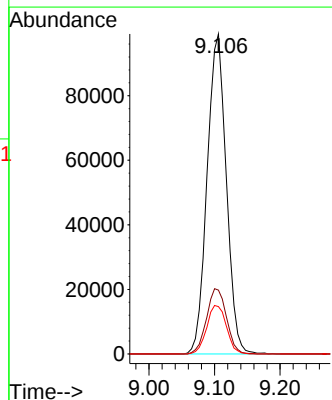
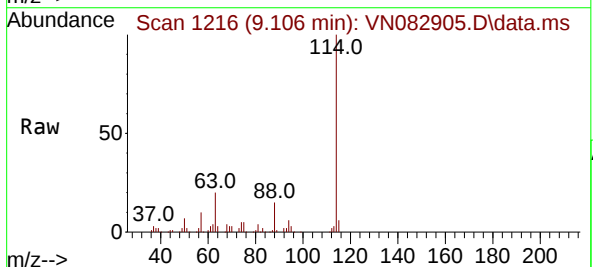
Instrument :
 MSVOA_N
 ClientSampleId :
 380AVEC-23

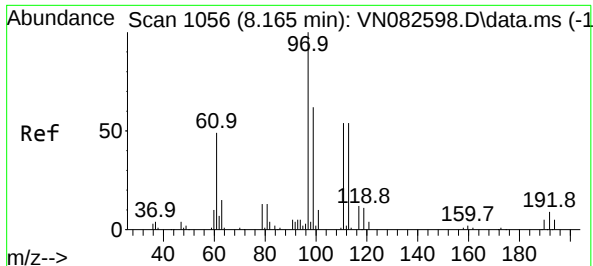
Tgt Ion: 65 Resp: 76174
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082905.D
 Acq: 12 Jul 2024 17:29

Tgt Ion: 114 Resp: 201453
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.6
 88 14.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.357 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

380AVEC-23

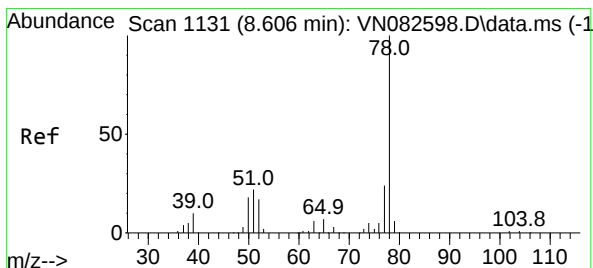
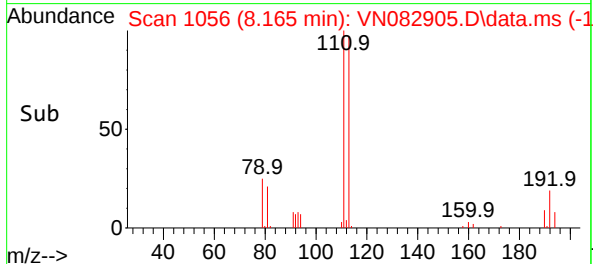
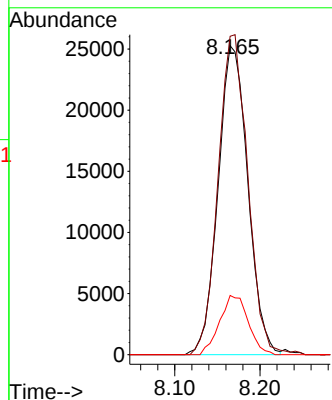
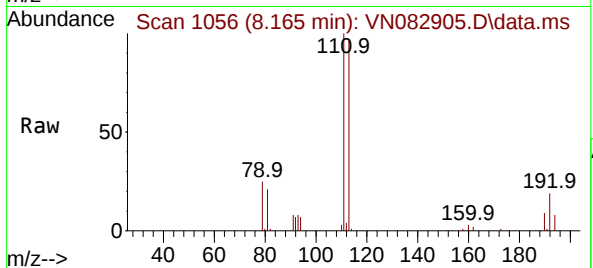
Tgt Ion:113 Resp: 61217

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.4 14.9 22.3



#40

Benzene

Concen: 103.028 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN082905.D

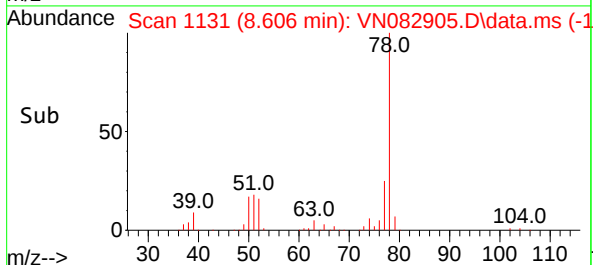
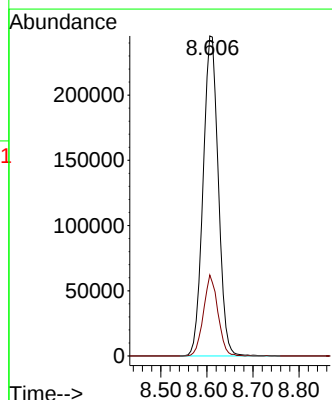
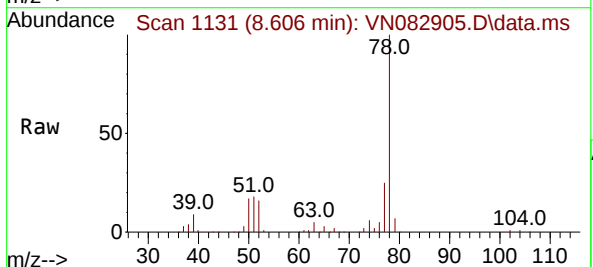
Acq: 12 Jul 2024 17:29

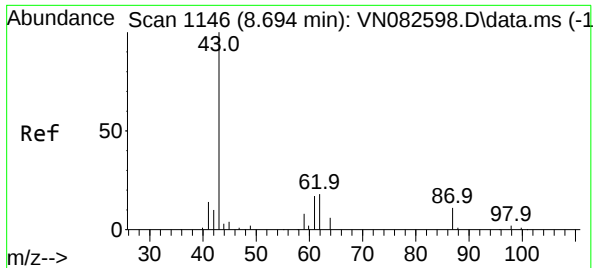
Tgt Ion: 78 Resp: 564830

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.4

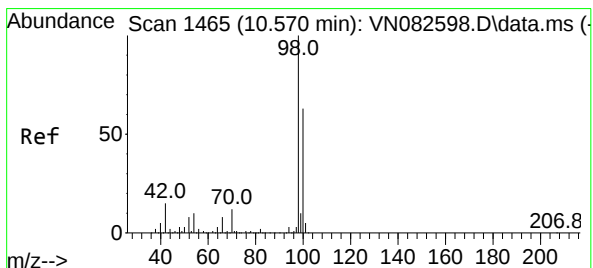
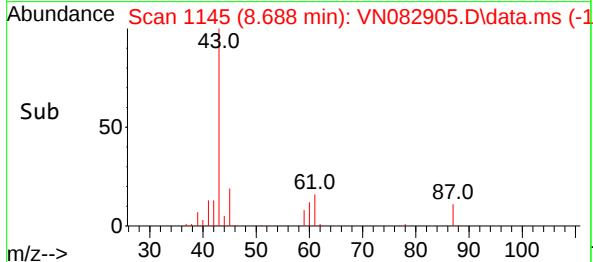
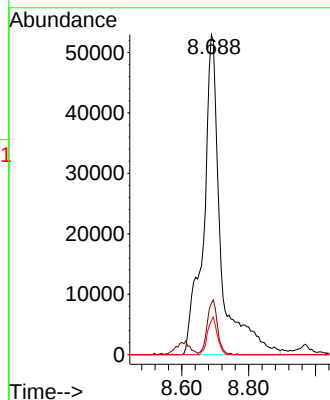
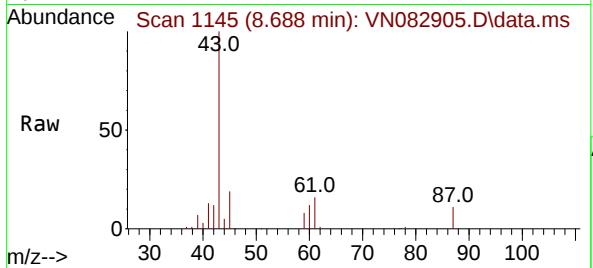




#43
Isopropyl Acetate
Concen: 56.445 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

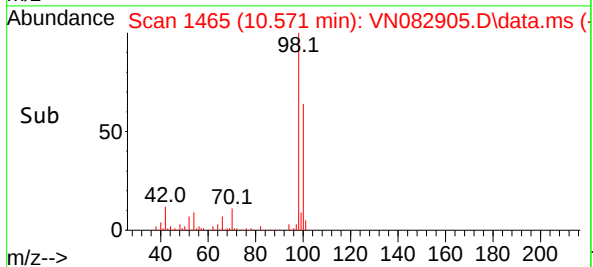
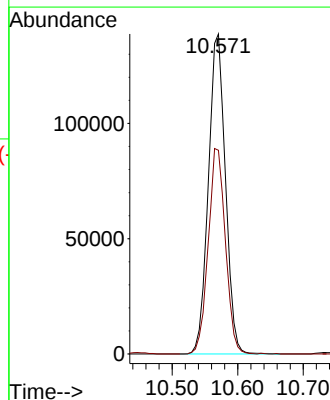
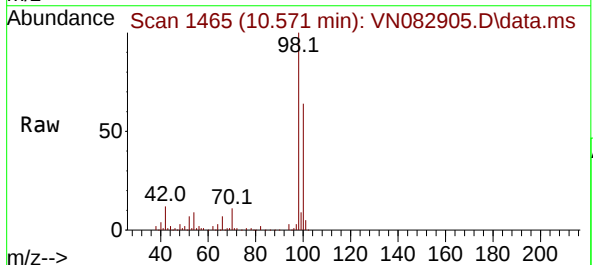
Instrument :
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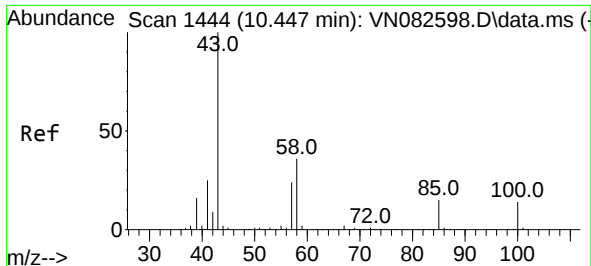
Tgt Ion: 43 Resp: 191811
Ion Ratio Lower Upper
43 100
61 10.1 17.8 26.6#
87 6.5 8.2 12.2#



#50
Toluene-d8
Concen: 52.558 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 98 Resp: 250937
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 6.035 ug/l

RT: 10.441 min Scan# 1444

Delta R.T. -0.006 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

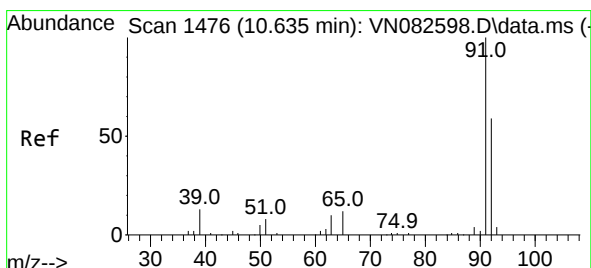
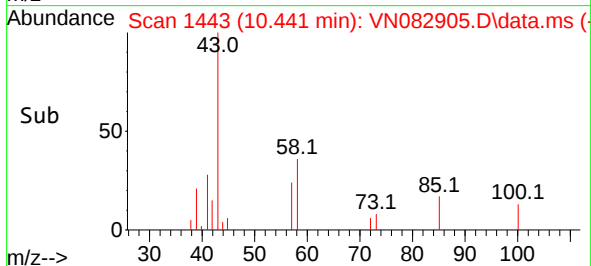
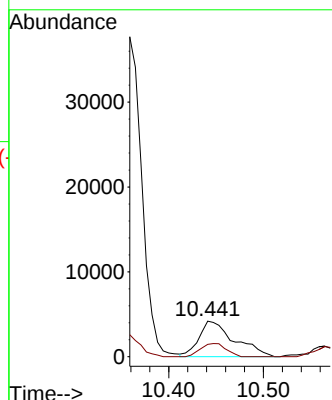
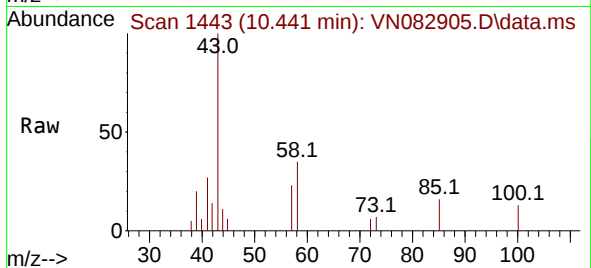
380AVEC-23

Tgt Ion: 43 Resp: 10856

Ion Ratio Lower Upper

43 100

58 26.7 28.2 42.4#



#52

Toluene

Concen: 129.923 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN082905.D

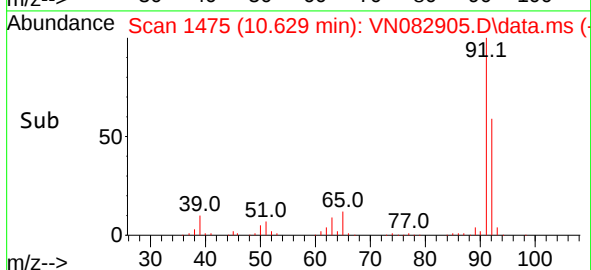
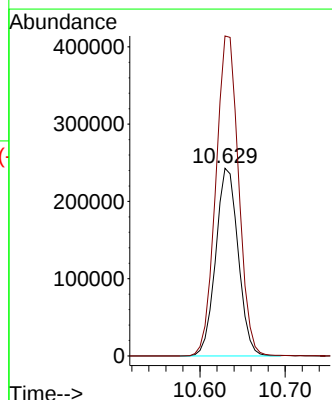
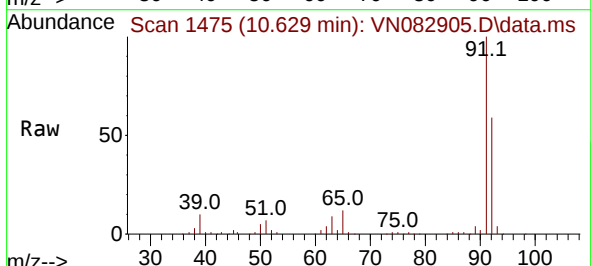
Acq: 12 Jul 2024 17:29

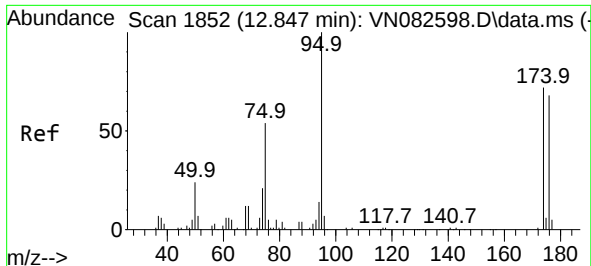
Tgt Ion: 92 Resp: 444937

Ion Ratio Lower Upper

92 100

91 173.5 139.4 209.0

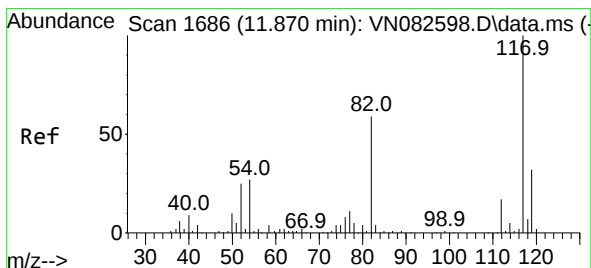
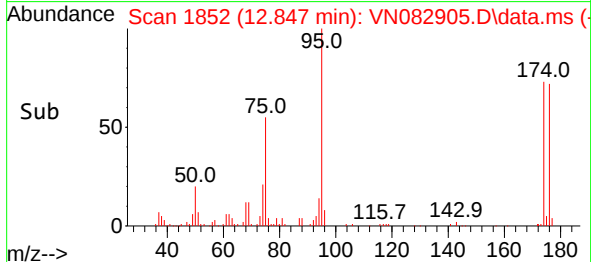
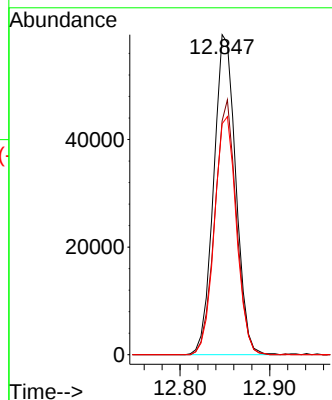
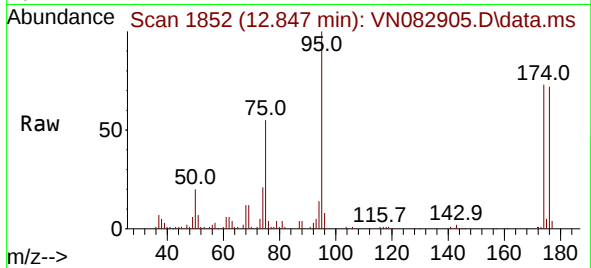




#62
4-Bromofluorobenzene
Concen: 59.402 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

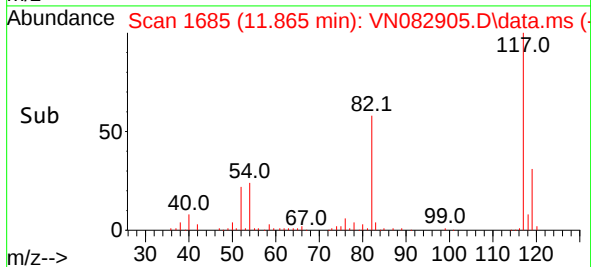
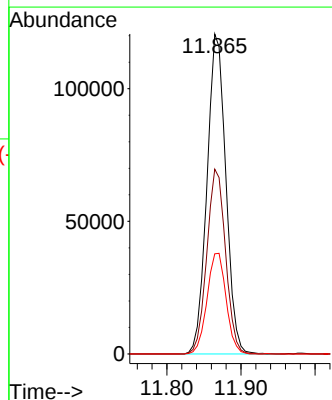
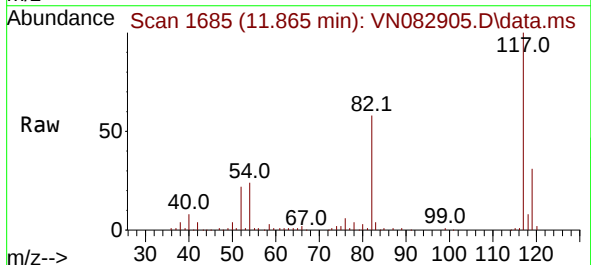
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

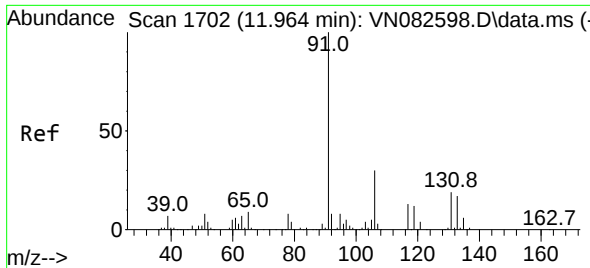
Tgt Ion: 95 Resp: 101876
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.2
176 73.9 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 117 Resp: 212913
Ion Ratio Lower Upper
117 100
82 57.8 47.5 71.3
119 31.3 25.6 38.4

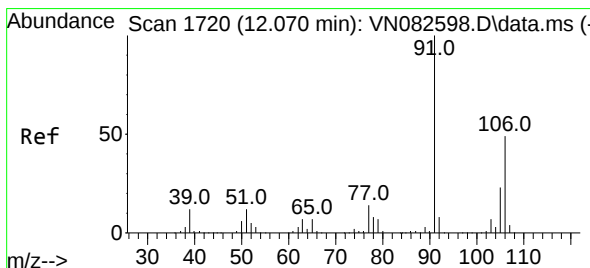
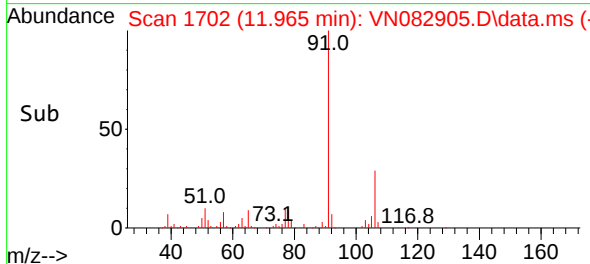
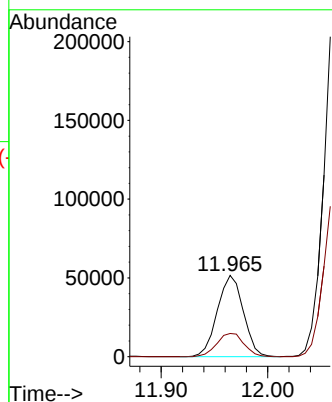
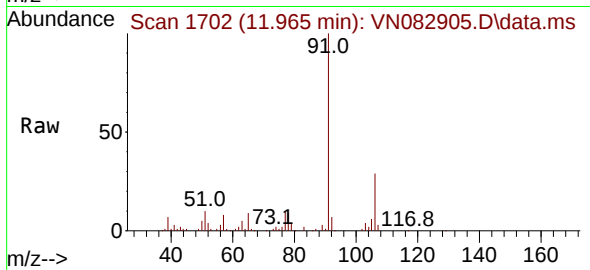




#67
Ethyl Benzene
Concen: 11.378 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

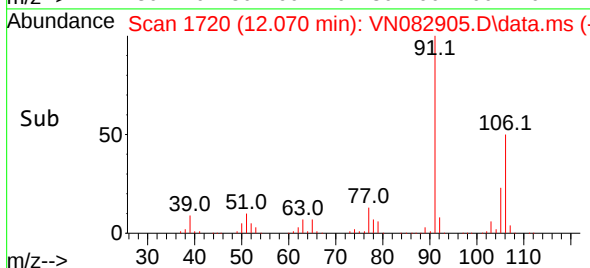
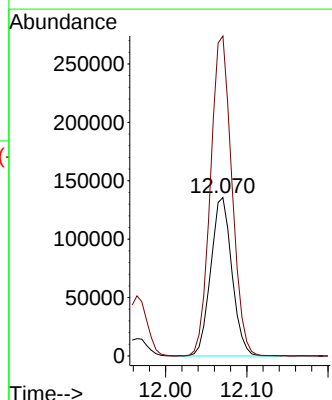
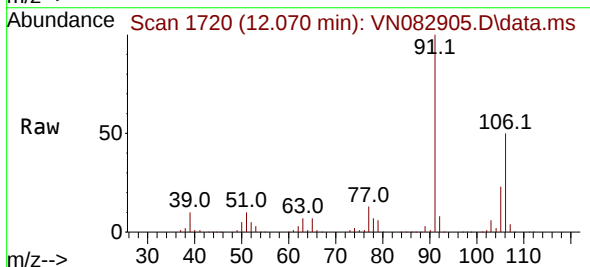
Instrument :
MSVOA_N
ClientSampleId :
380AVEC-23

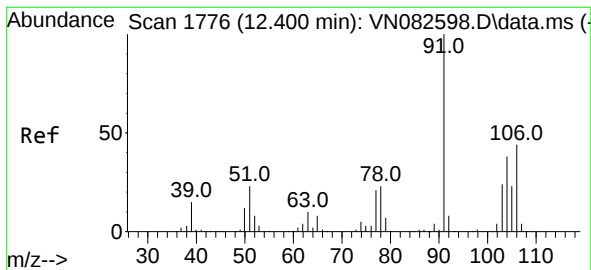
Tgt Ion: 91 Resp: 87249
Ion Ratio Lower Upper
91 100
106 28.6 24.0 36.0



#68
m/p-Xylenes
Concen: 84.778 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082905.D
Acq: 12 Jul 2024 17:29

Tgt Ion:106 Resp: 245430
Ion Ratio Lower Upper
106 100
91 204.5 166.1 249.1





#69

o-Xylene

Concen: 92.145 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

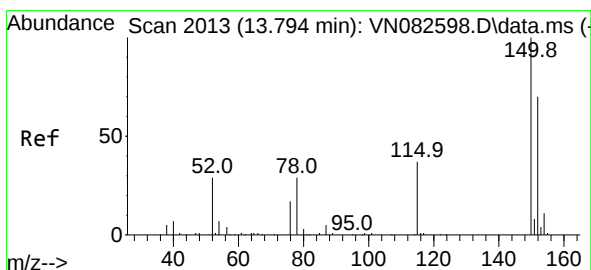
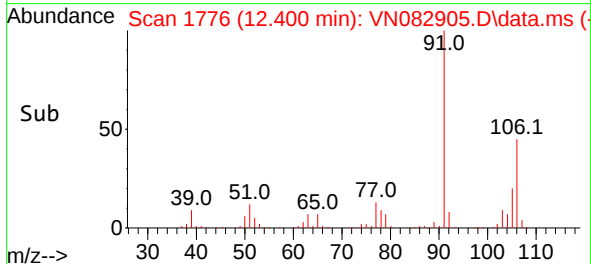
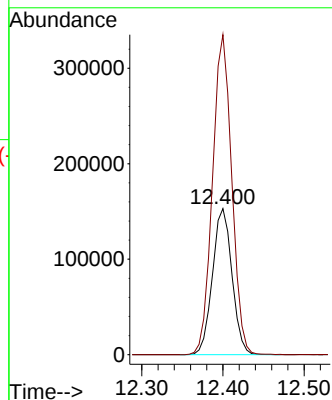
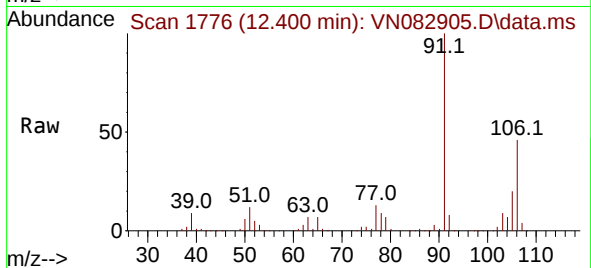
380AVEC-23

Tgt Ion:106 Resp: 255600

Ion Ratio Lower Upper

106 100

91 216.1 111.3 333.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

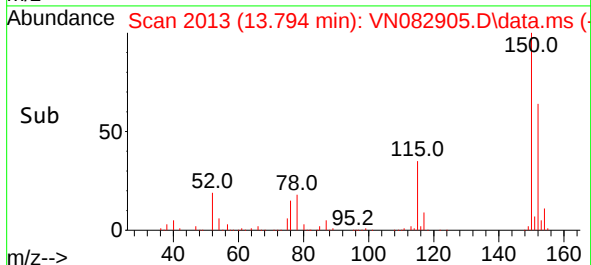
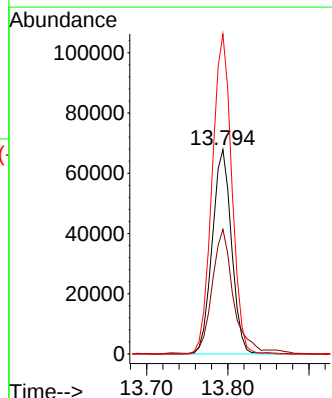
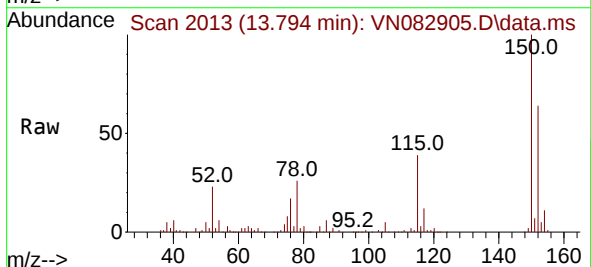
Tgt Ion:152 Resp: 111673

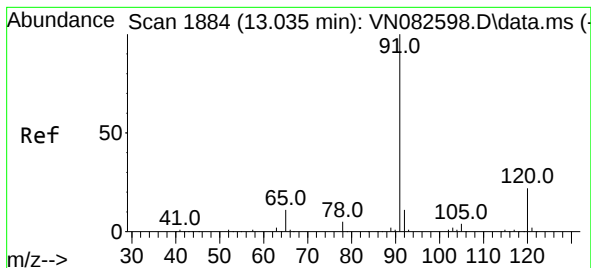
Ion Ratio Lower Upper

152 100

115 68.6 30.6 91.6

150 159.4 0.0 348.6





#78

n-propylbenzene

Concen: 1.263 ug/l

RT: 13.035 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

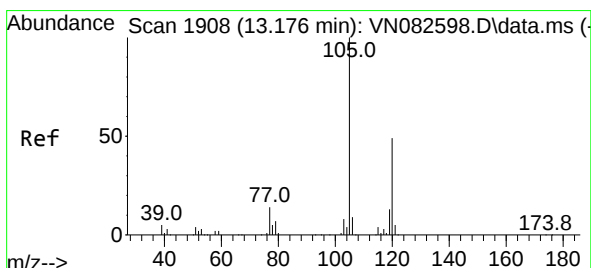
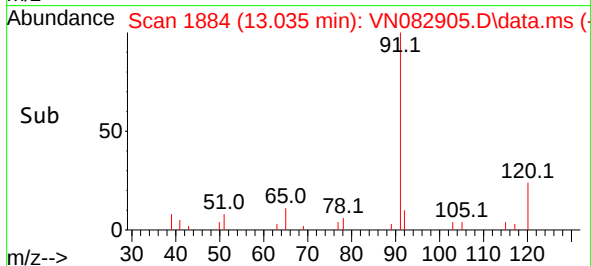
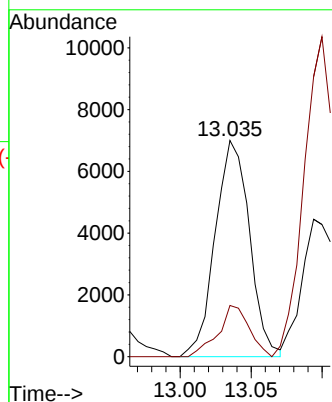
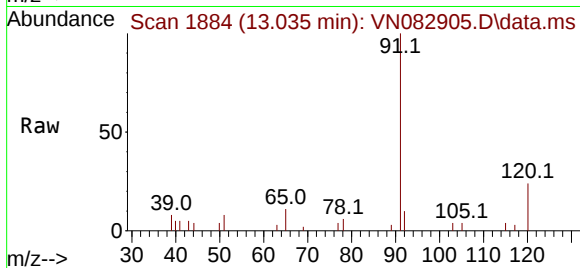
380AVEC-23

Tgt Ion: 91 Resp: 11785

Ion Ratio Lower Upper

91 100

120 21.3 10.9 32.9



#80

1,3,5-Trimethylbenzene

Concen: 17.045 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082905.D

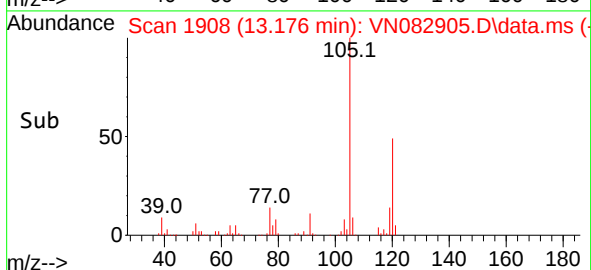
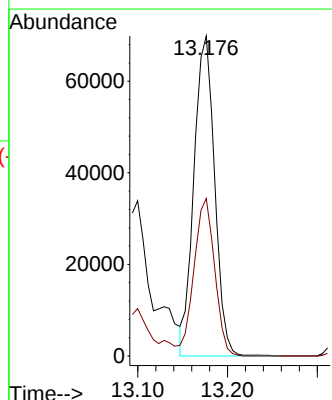
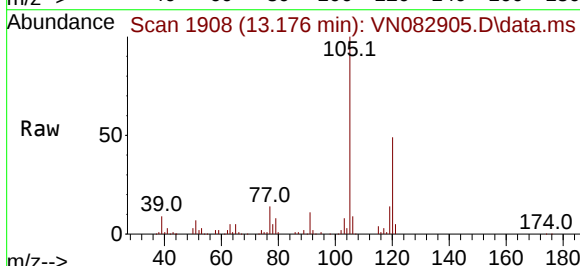
Acq: 12 Jul 2024 17:29

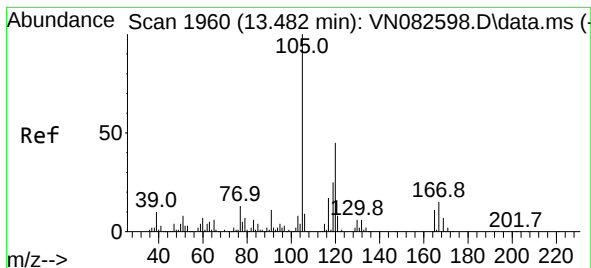
Tgt Ion:105 Resp: 111806

Ion Ratio Lower Upper

105 100

120 49.6 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 44.691 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_N

ClientSampleId :

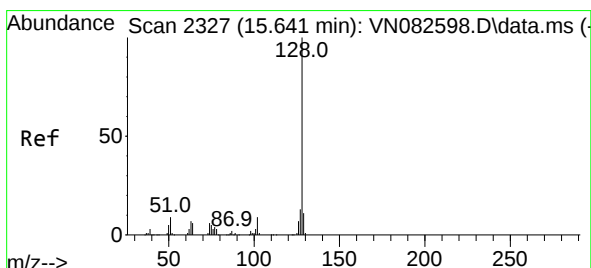
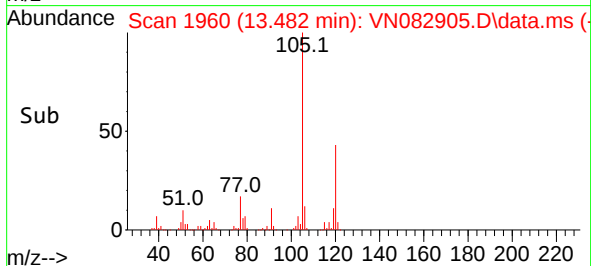
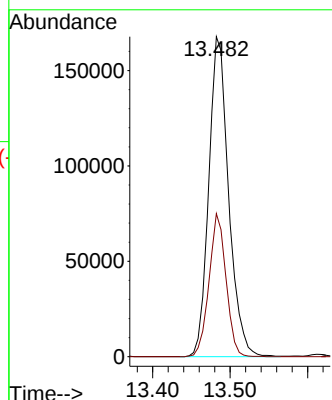
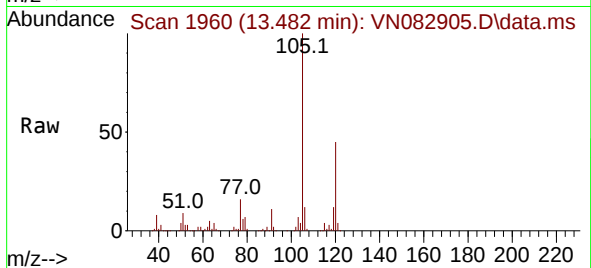
380AVEC-23

Tgt Ion:105 Resp: 298775

Ion Ratio Lower Upper

105 100

120 38.1 21.9 65.8



#95

Naphthalene

Concen: 1780.696 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082905.D

Acq: 12 Jul 2024 17:29

Tgt Ion:128 Resp:12062779

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.3 8.6 12.8

