

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082729.D
 Acq On : 25 Jun 2024 19:51
 Operator : JC\MD
 Sample : P3049-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SHOR-RAG-DRUM

Quant Time: Jun 26 01:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

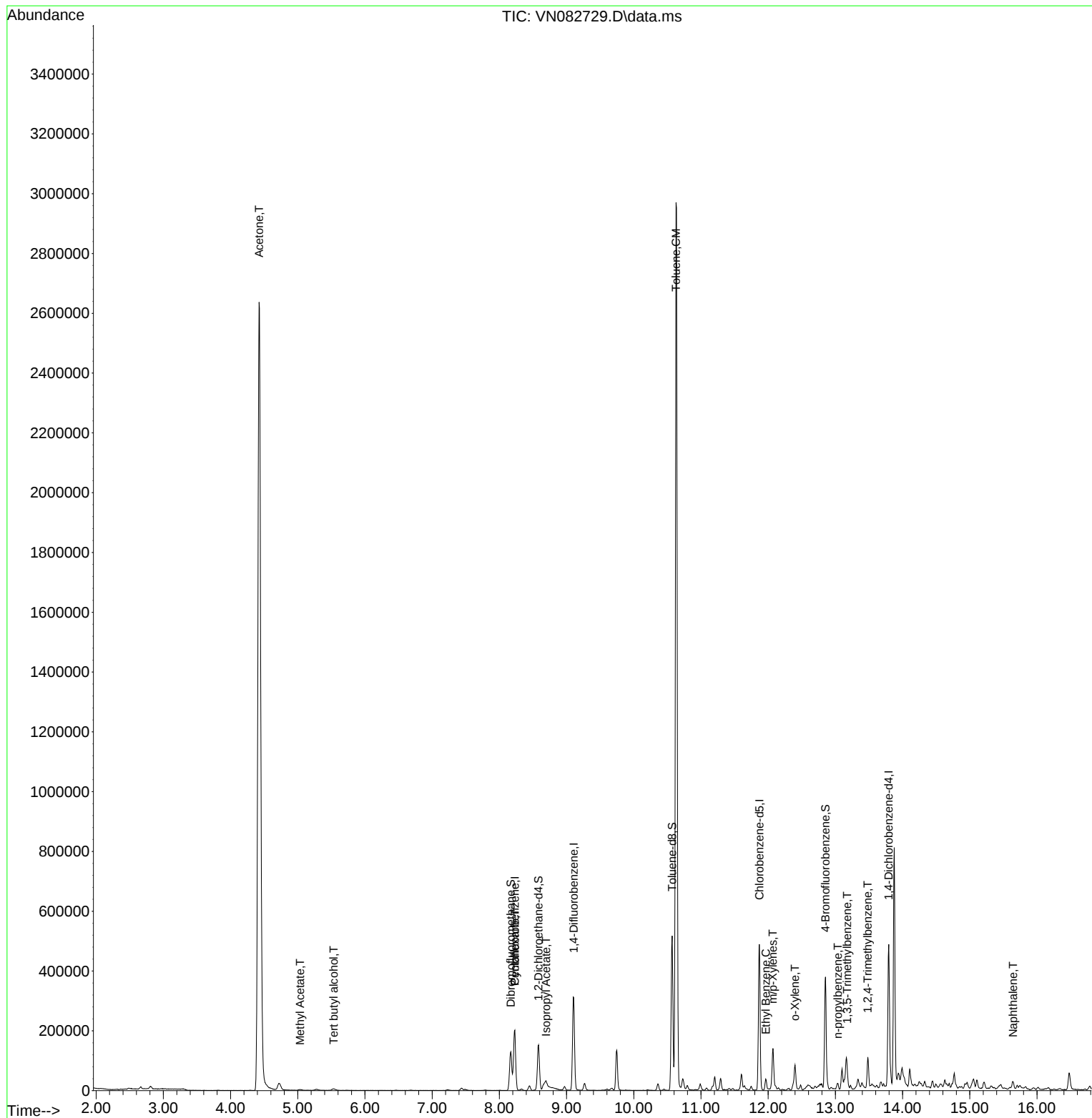
Internal Standards						
1) Pentafluorobenzene	8.230	168	135246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	261705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122720	56.583	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.160%	
35) Dibromofluoromethane	8.171	113	91618	54.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.080%	
50) Toluene-d8	10.571	98	331844	52.236	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.853	95	119406	54.518	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 109.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	7767	21.881	ug/l #	92
16) Acetone	4.424	43	5063695	5133.670	ug/l	98
18) Methyl Acetate	5.036	43	5652	2.343	ug/l	96
31) Cyclohexane	8.230	56	6349	2.028	ug/l #	67
43) Isopropyl Acetate	8.694	43	52439	8.772	ug/l #	71
52) Toluene	10.629	92	1238791	263.431	ug/l	100
67) Ethyl Benzene	11.965	91	23741	2.322	ug/l	97
68) m/p-Xylenes	12.070	106	28356	7.454	ug/l	99
69) o-Xylene	12.400	106	19890	5.565	ug/l	97
78) n-propylbenzene	13.035	91	13061	1.216	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	16062	2.179	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	55633	7.524	ug/l	99
95) Naphthalene	15.647	128	19516	2.906	ug/l	97

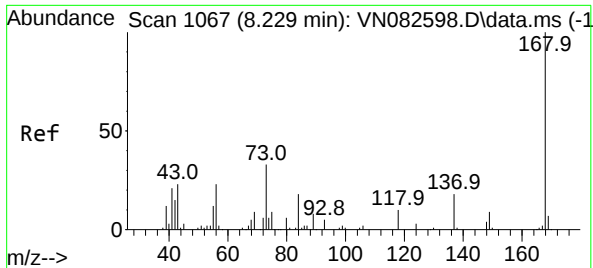
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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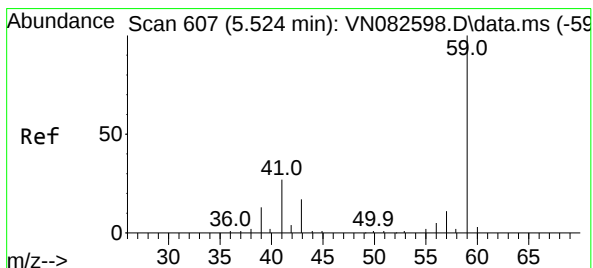
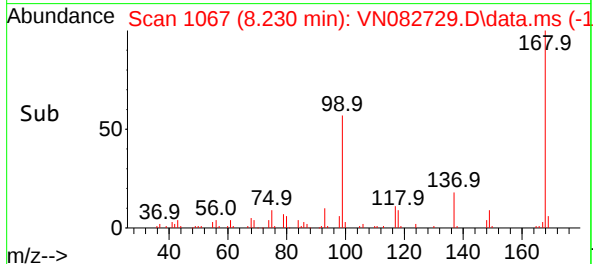
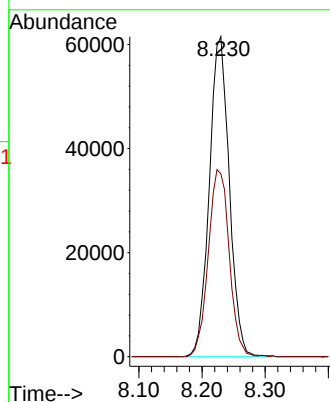
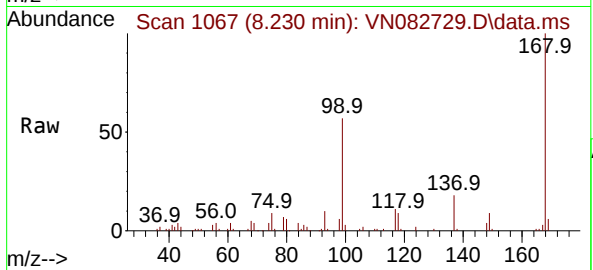




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

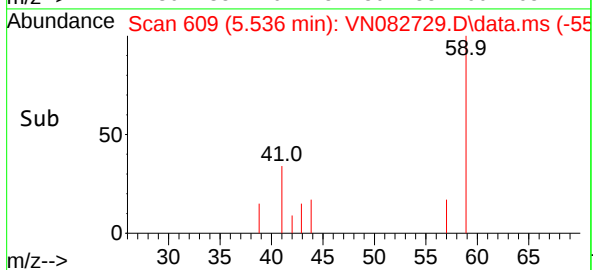
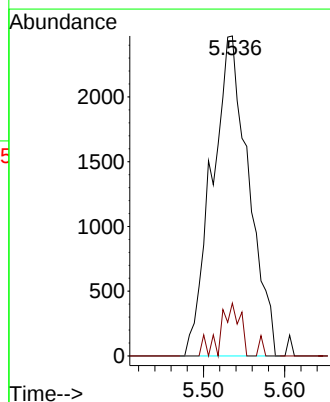
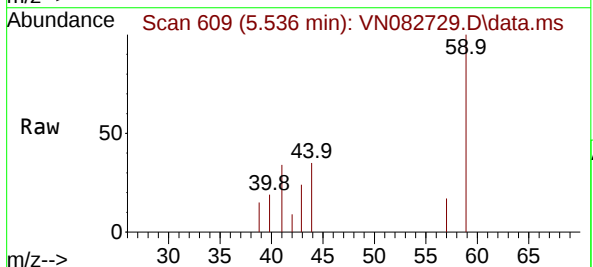
Instrument :
MSVOA_N
ClientSampleId :
SHOR-RAG-DRUM

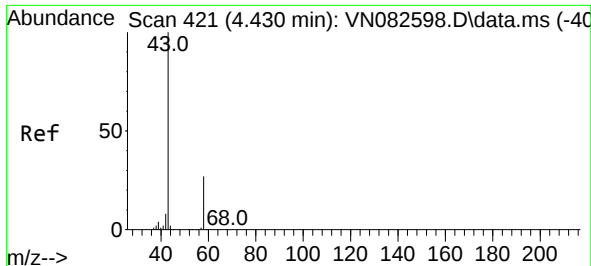
Tgt Ion:168 Resp: 135246
Ion Ratio Lower Upper
168 100
99 57.2 48.2 72.4



#11
Tert butyl alcohol
Concen: 21.881 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 59 Resp: 7767
Ion Ratio Lower Upper
59 100
57 8.1 8.9 13.3#

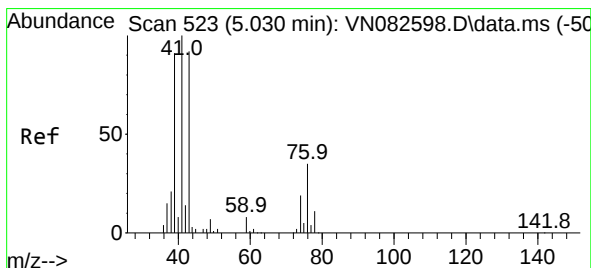
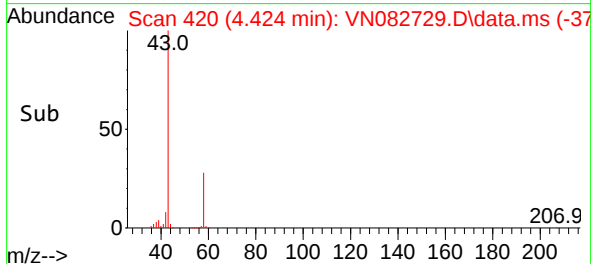
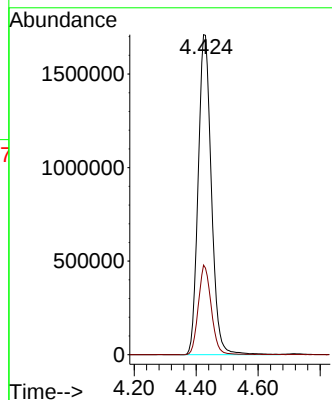
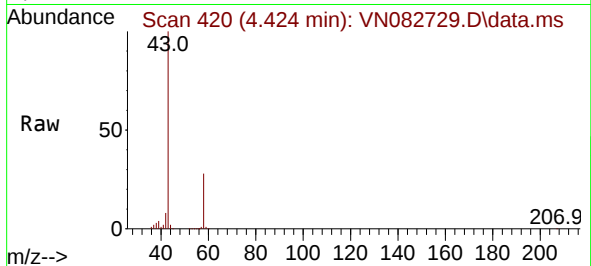




#16
Acetone
Concen: 5133.670 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

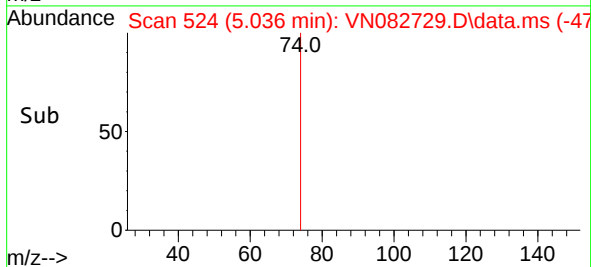
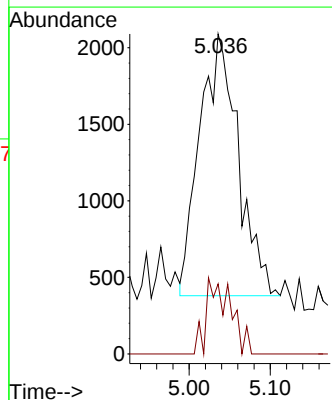
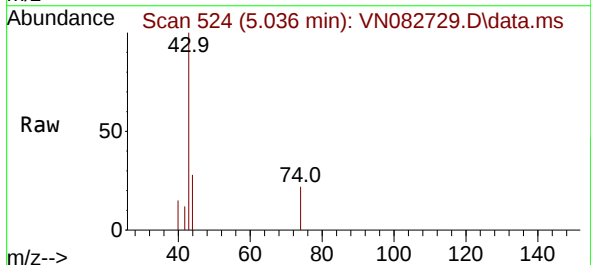
Instrument :
MSVOA_N
ClientSampleId :
SHOR-RAG-DRUM

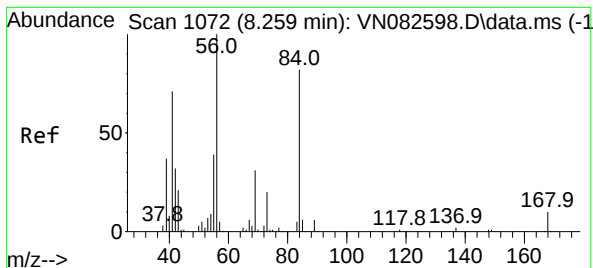
Tgt Ion: 43 Resp: 5063695
Ion Ratio Lower Upper
43 100
58 28.0 21.8 32.6



#18
Methyl Acetate
Concen: 2.343 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 43 Resp: 5652
Ion Ratio Lower Upper
43 100
74 18.3 16.3 24.5





#31

Cyclohexane

Concen: 2.028 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN082729.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

SHOR-RAG-DRUM

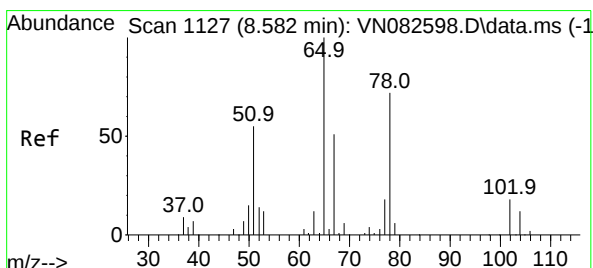
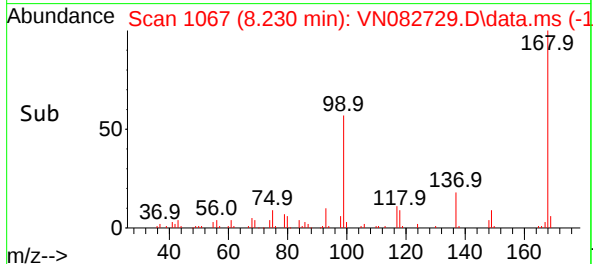
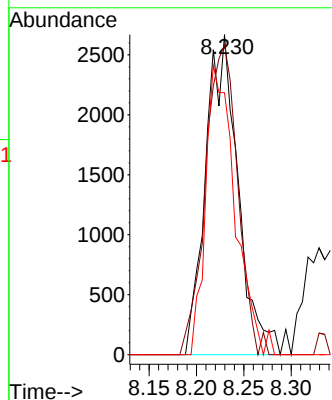
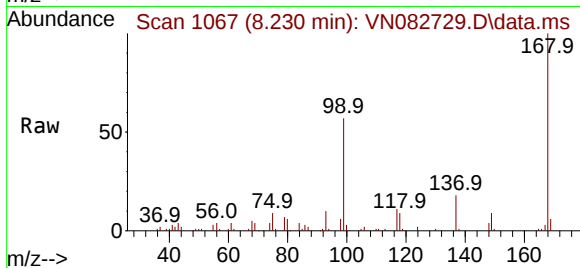
Tgt Ion: 56 Resp: 6349

Ion Ratio Lower Upper

56 100

69 96.9 24.5 36.7#

84 81.9 66.0 99.0



#33

1,2-Dichloroethane-d4

Concen: 56.583 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082729.D

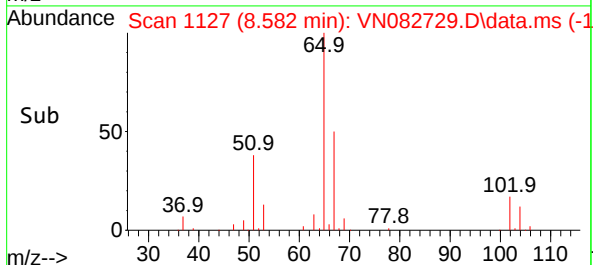
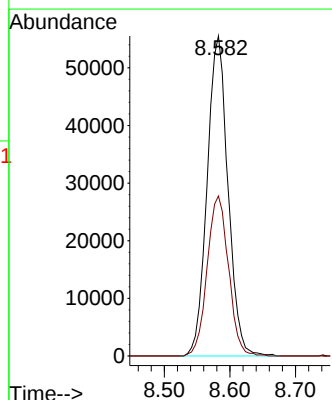
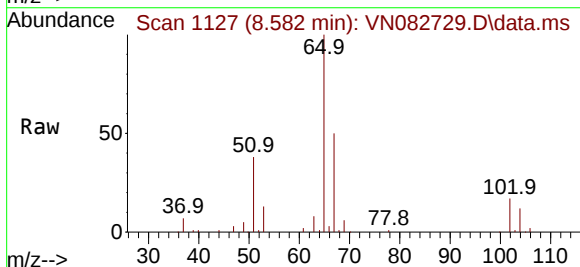
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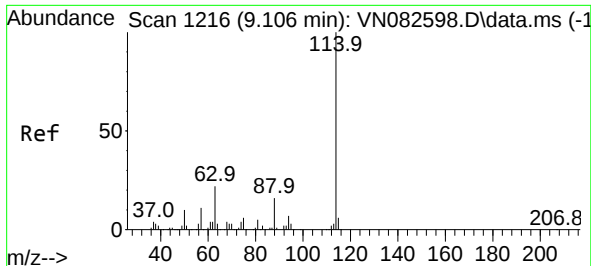
Tgt Ion: 65 Resp: 122720

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.4

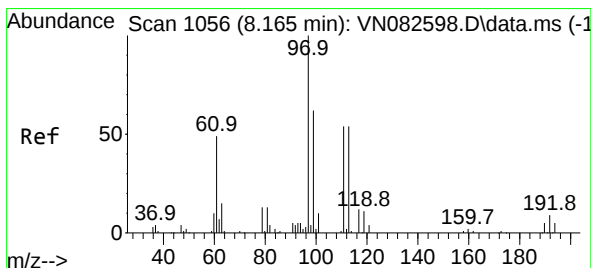
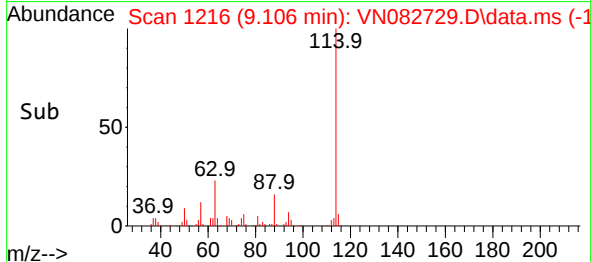
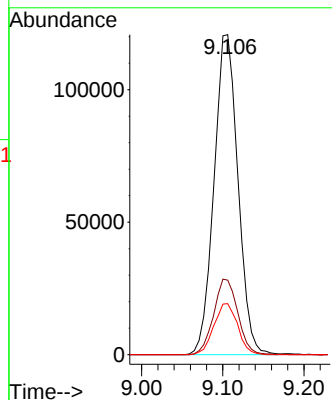
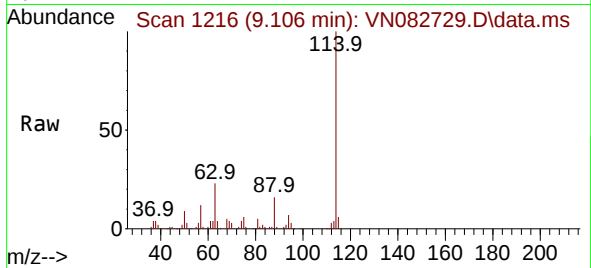




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

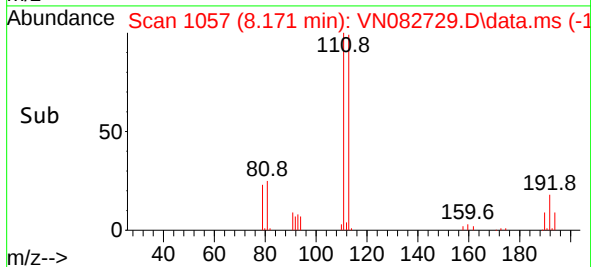
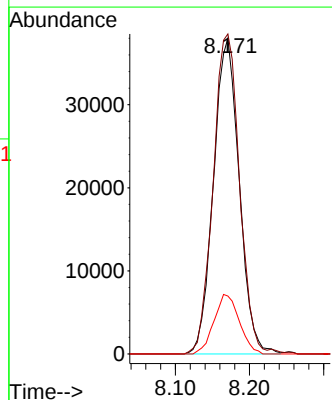
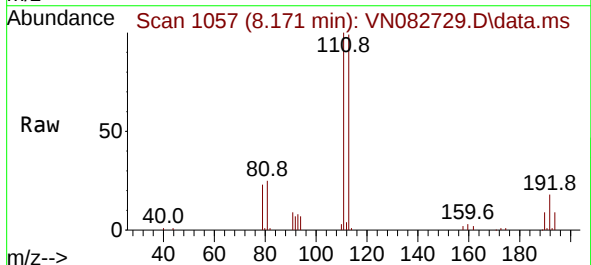
Instrument :
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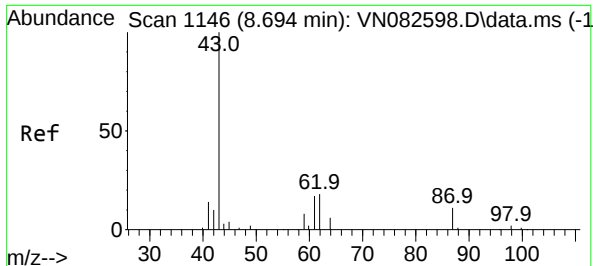
Tgt Ion:114 Resp: 247632
Ion Ratio Lower Upper
114 100
63 23.3 0.0 44.6
88 16.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.537 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

Tgt Ion:113 Resp: 91618
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 18.5 14.9 22.3

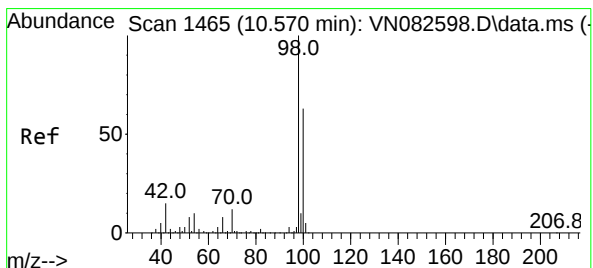
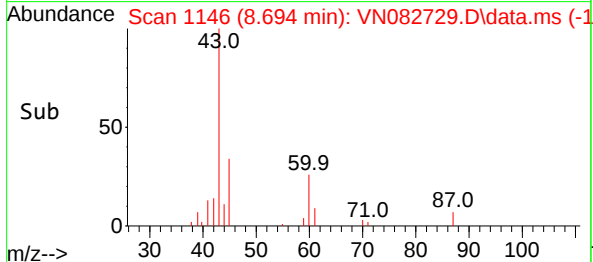
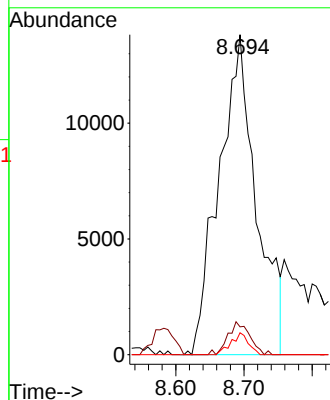
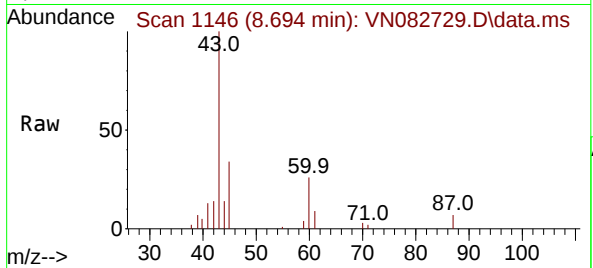




#43
Isopropyl Acetate
Concen: 8.772 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

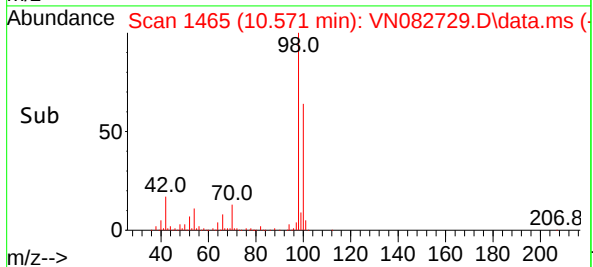
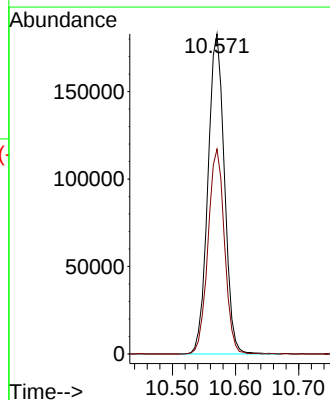
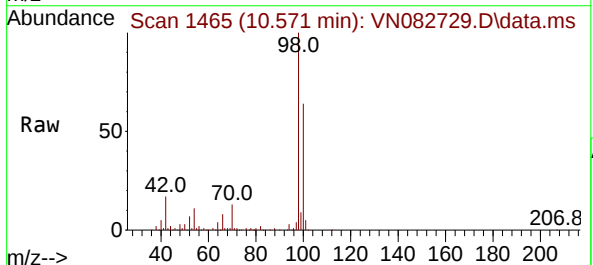
Instrument :
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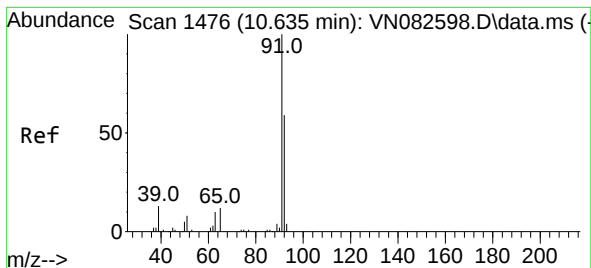
Tgt Ion: 43 Resp: 52439
Ion Ratio Lower Upper
43 100
61 6.0 17.8 26.6#
87 3.2 8.2 12.2#



#50
Toluene-d8
Concen: 52.236 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 98 Resp: 331844
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3





#52

Toluene

Concen: 263.431 ug/l

RT: 10.629 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VN082729.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

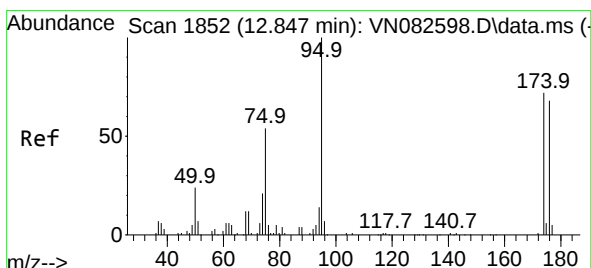
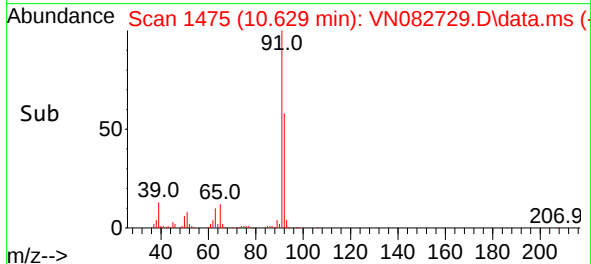
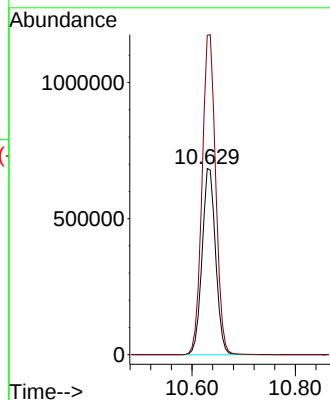
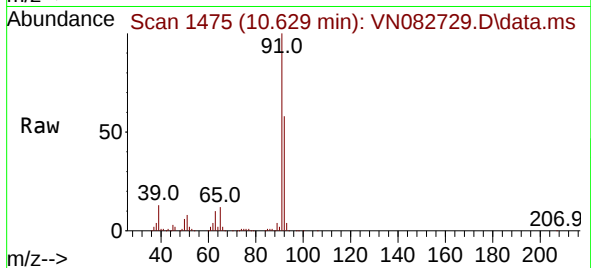
SHOR-RAG-DRUM

Tgt Ion: 92 Resp: 1238791

Ion Ratio Lower Upper

92 100

91 173.8 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 54.518 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082729.D

Acq: 25 Jun 2024 19:51

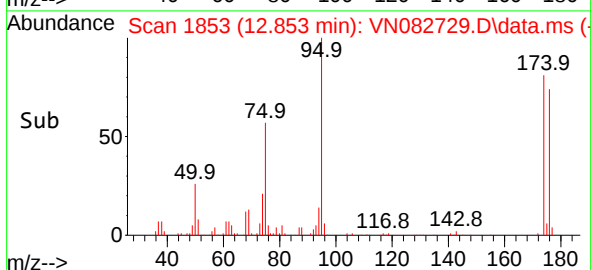
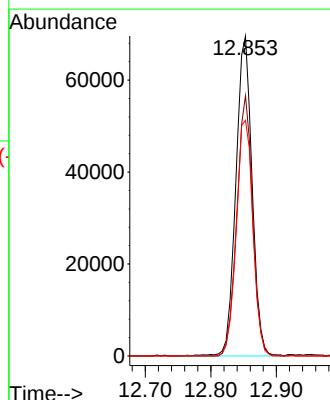
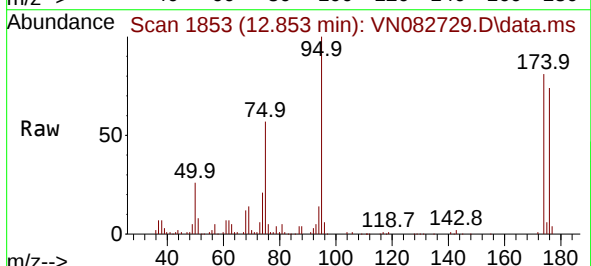
Tgt Ion: 95 Resp: 119406

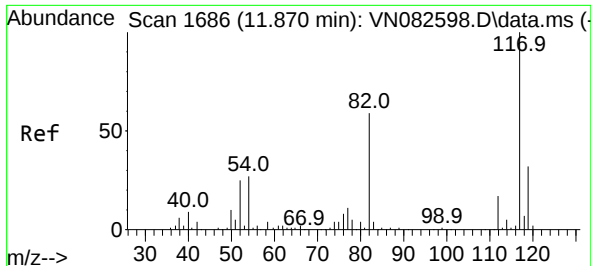
Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.2

176 75.4 0.0 147.6

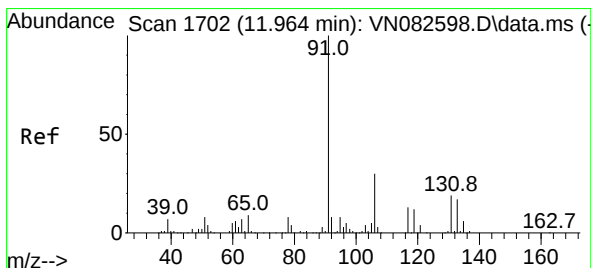
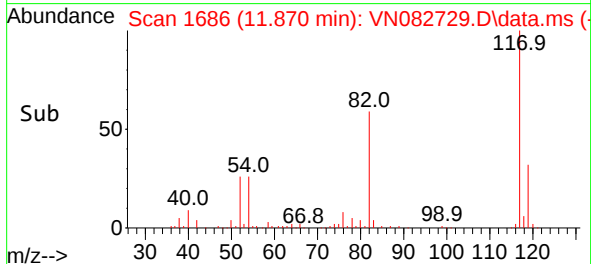
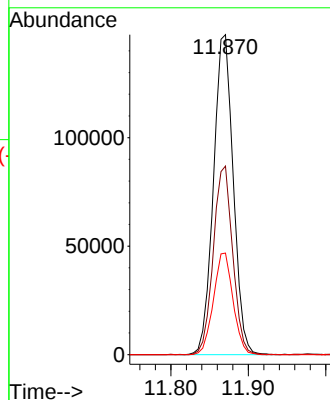
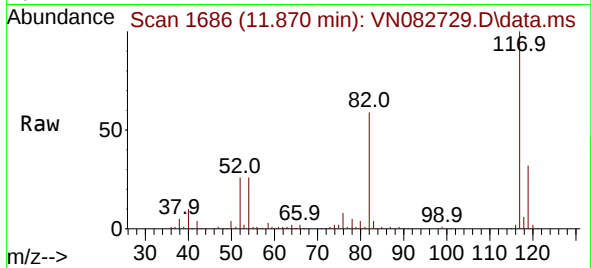




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

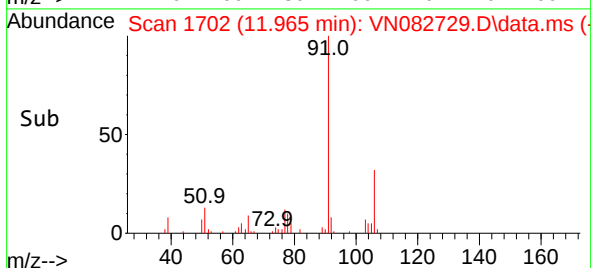
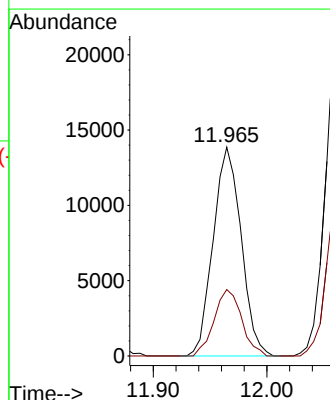
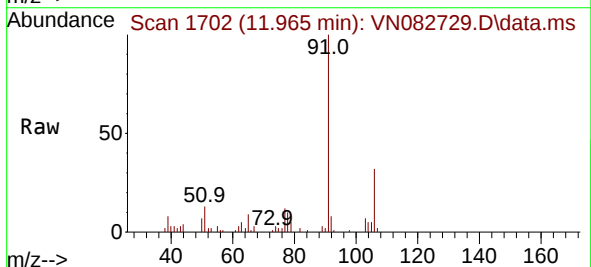
Instrument :
MSVOA_N
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SHOR-RAG-DRUM

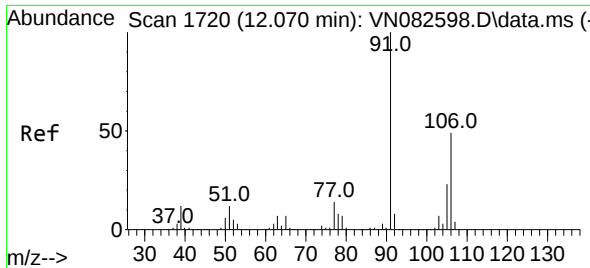
Tgt Ion:117 Resp: 261705
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 31.7 25.6 38.4



#67
Ethyl Benzene
Concen: 2.322 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

Tgt Ion: 91 Resp: 23741
Ion Ratio Lower Upper
91 100
106 31.8 24.0 36.0

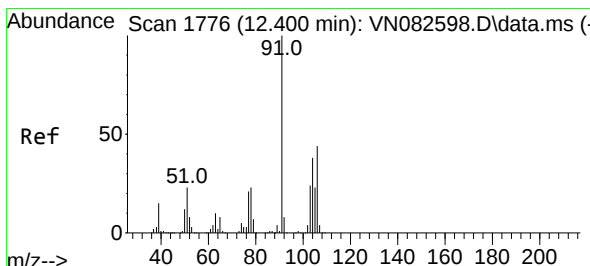
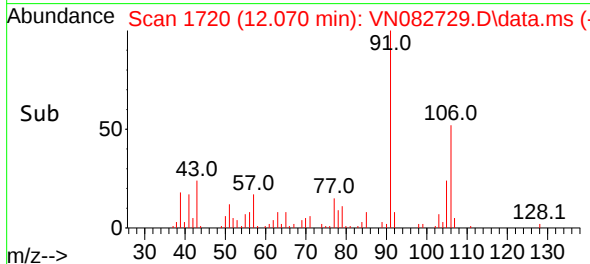
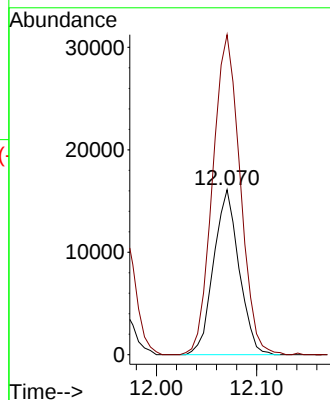
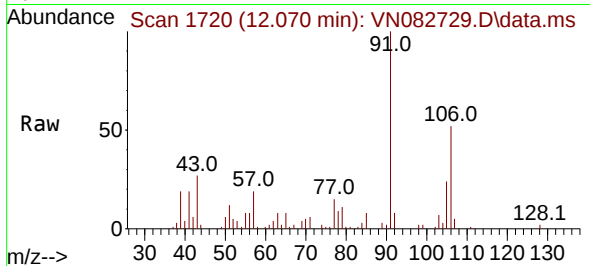




#68
m/p-Xylenes
Concen: 7.454 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

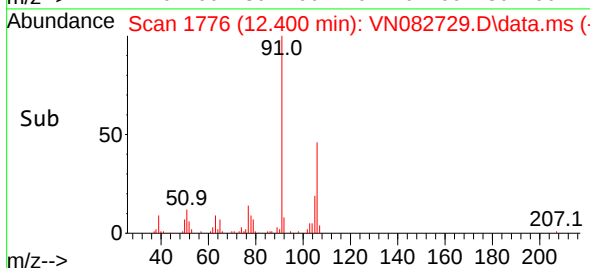
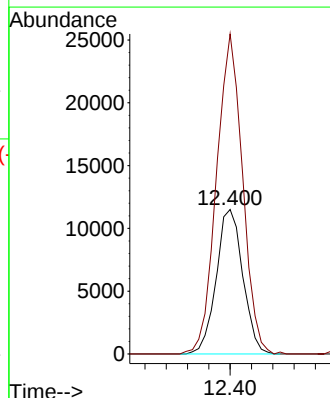
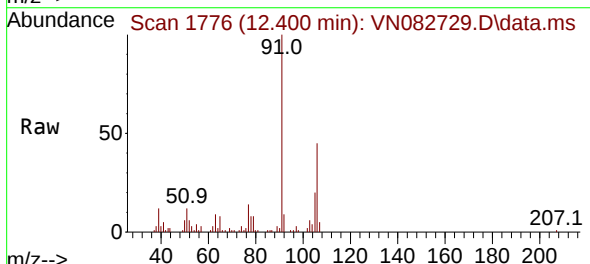
Instrument :
MSVOA_N
ClientSampleId :
SHOR-RAG-DRUM

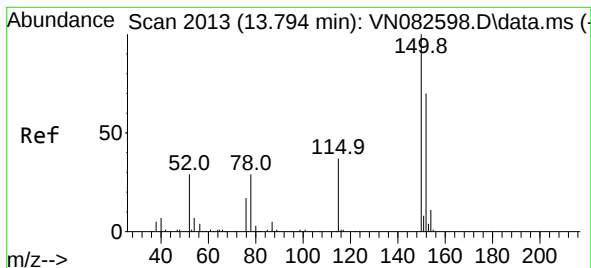
Tgt Ion:106 Resp: 28356
Ion Ratio Lower Upper
106 100
91 209.7 166.1 249.1



#69
o-Xylene
Concen: 5.565 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

Tgt Ion:106 Resp: 19890
Ion Ratio Lower Upper
106 100
91 217.5 111.3 333.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082729.D

Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

SHOR-RAG-DRUM

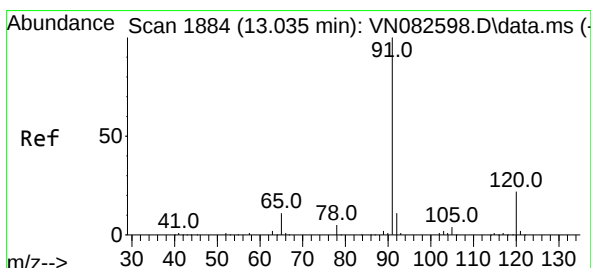
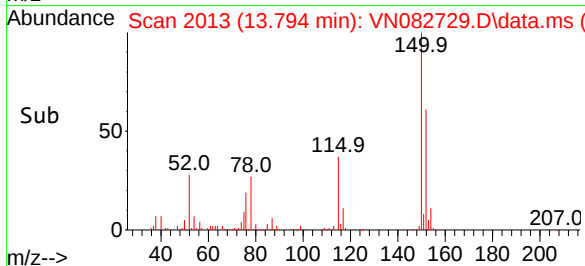
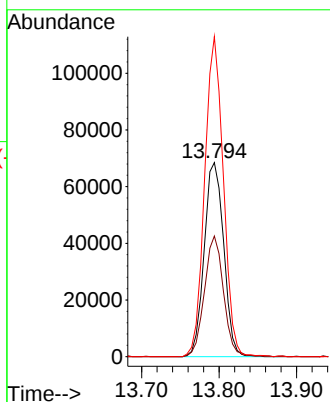
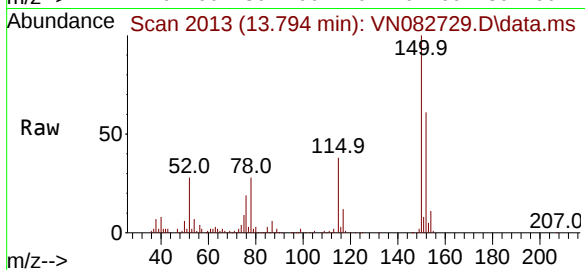
Tgt Ion:152 Resp: 119617

Ion Ratio Lower Upper

152 100

115 60.8 30.6 91.6

150 158.1 0.0 348.6



#78

n-propylbenzene

Concen: 1.216 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082729.D

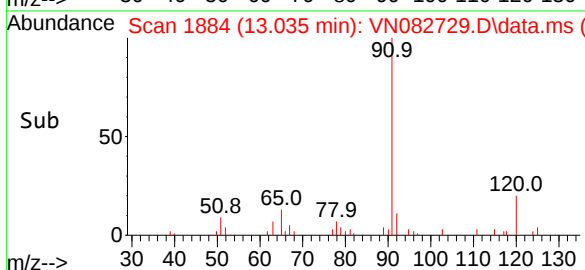
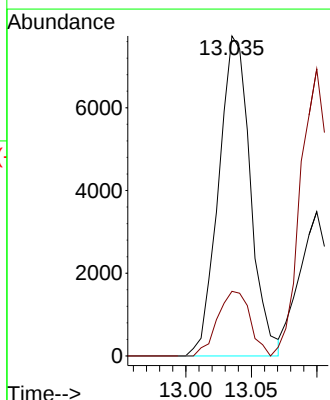
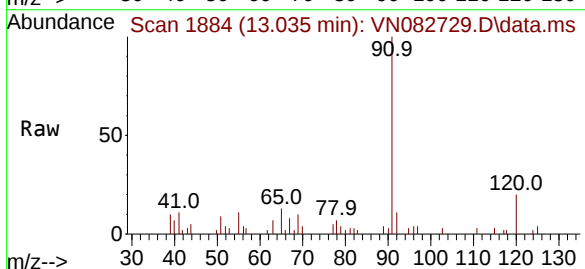
Acq: 25 Jun 2024 19:51

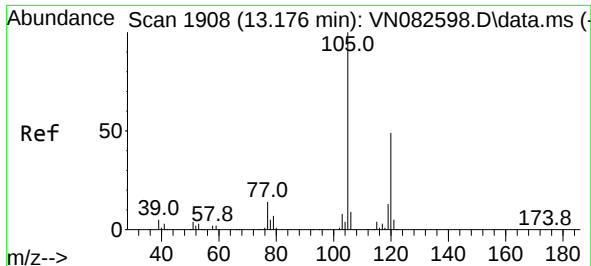
Tgt Ion: 91 Resp: 13061

Ion Ratio Lower Upper

91 100

120 20.6 10.9 32.9

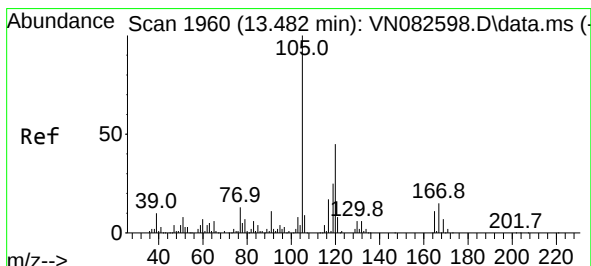
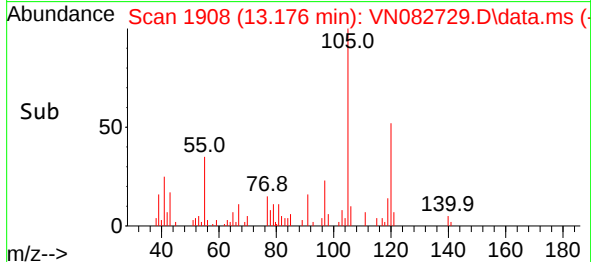
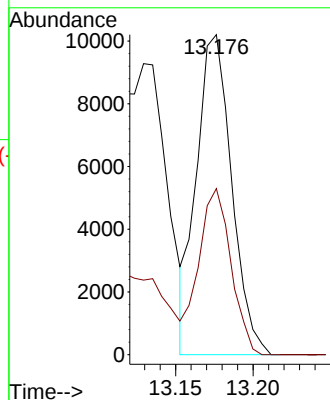
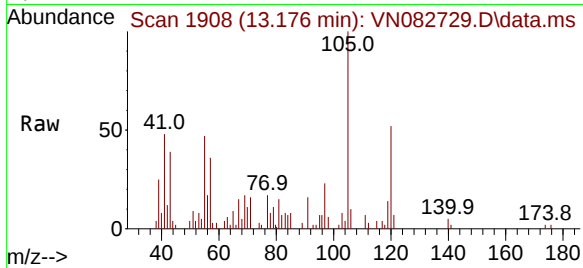




#80
1,3,5-Trimethylbenzene
Concen: 2.179 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

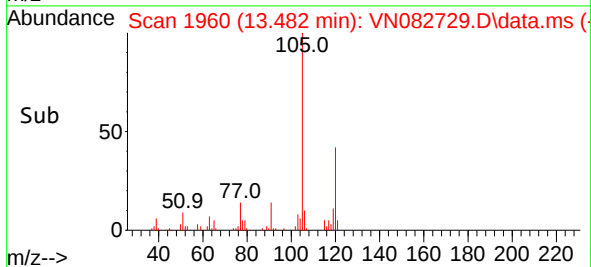
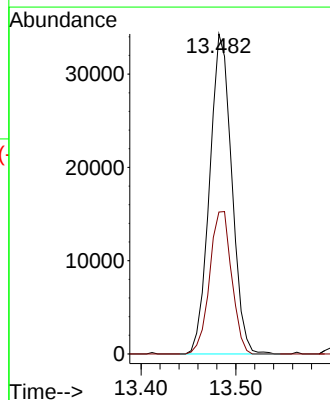
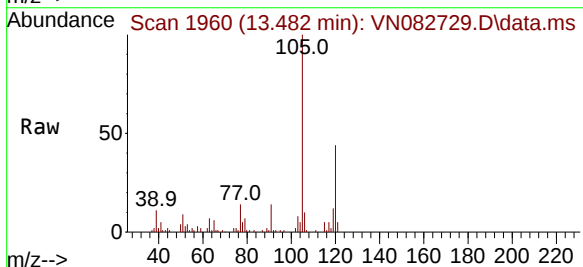
Instrument :
MSVOA_N
ClientSampleId :
SHOR-RAG-DRUM

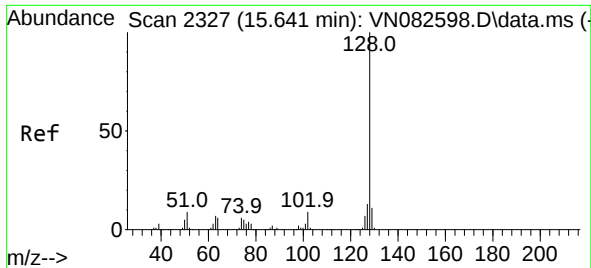
Tgt Ion:105 Resp: 16062
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 7.524 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082729.D
Acq: 25 Jun 2024 19:51

Tgt Ion:105 Resp: 55633
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8





#95

Naphthalene

Concen: 2.906 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN082729.D

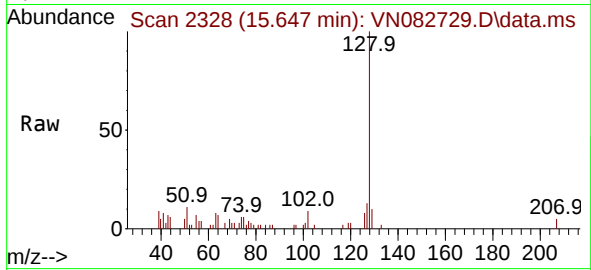
Acq: 25 Jun 2024 19:51

Instrument :

MSVOA_N

ClientSampleId :

SHOR-RAG-DRUM



Tgt Ion:128 Resp: 19516

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 11.8 8.6 12.8

