

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081227.D
 Acq On : 27 Feb 2024 18:24
 Operator : JC\MD
 Sample : P1590-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 28 04:22:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024

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 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	315782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	586778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	517002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	205742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217604	56.220	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.440%			
35) Dibromofluoromethane	8.171	113	170699	51.446	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.900%			
50) Toluene-d8	10.571	98	650537	55.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.853	95	208402	47.063	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.120%			
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	4057m	2.664	ug/l	
44) Trichloroethene	9.359	130	18097	4.129	ug/l	91
52) Toluene	10.629	92	8056	0.773	ug/l	94
64) Tetrachloroethene	11.106	164	849	0.241	ug/l #	59
65) Chlorobenzene	11.888	112	2703	0.242	ug/l #	71

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

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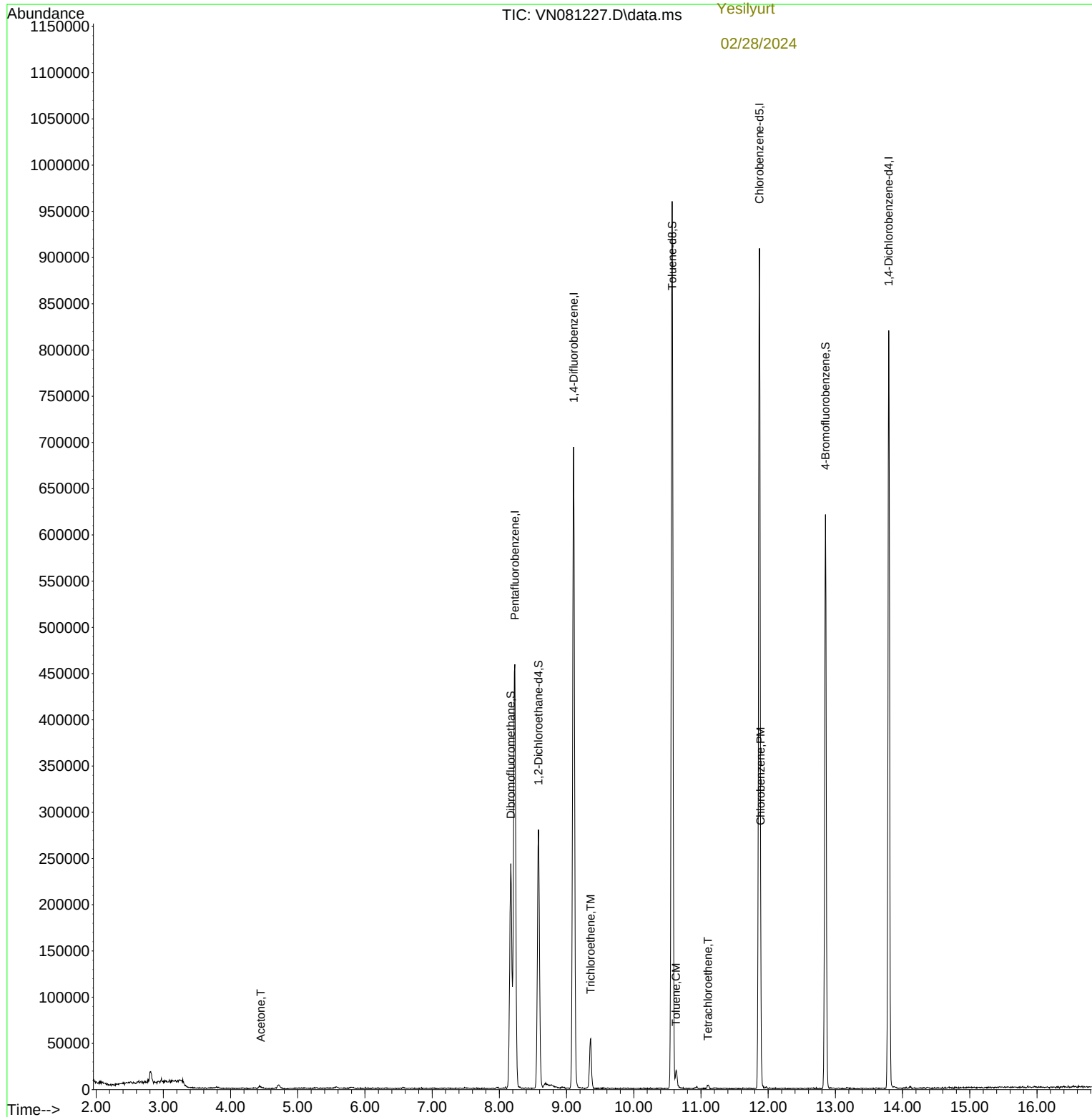
Quant Time: Feb 28 04:22:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

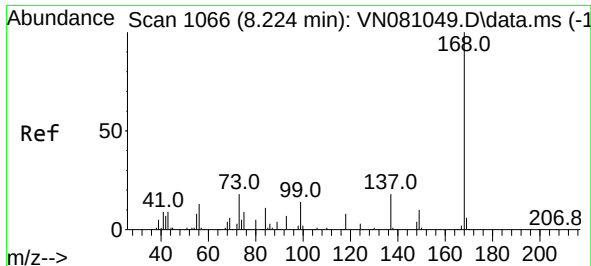
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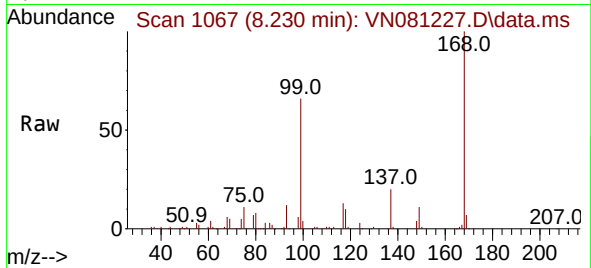
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

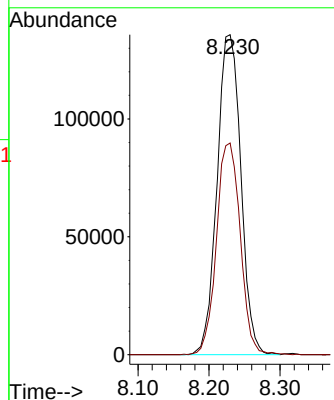
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:168 Resp: 31578
Ion Ratio Lower Upper
168 100
99 66.1 59.9 89.9

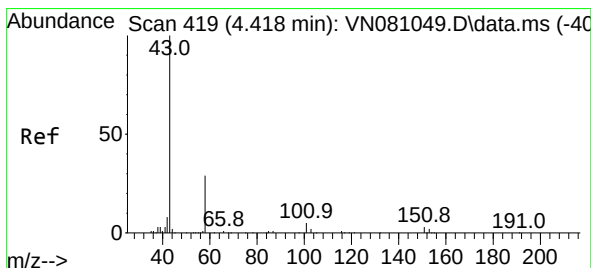
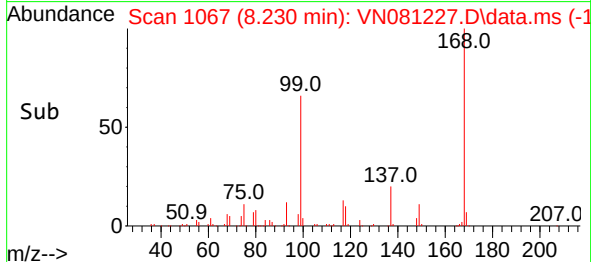
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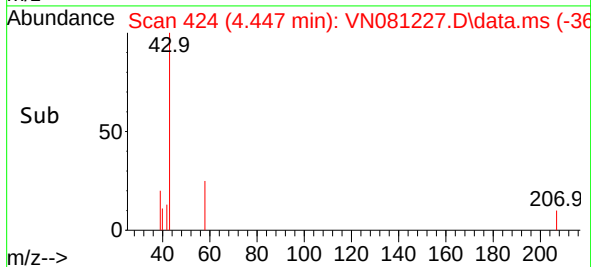
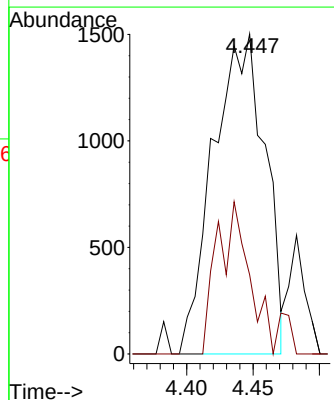
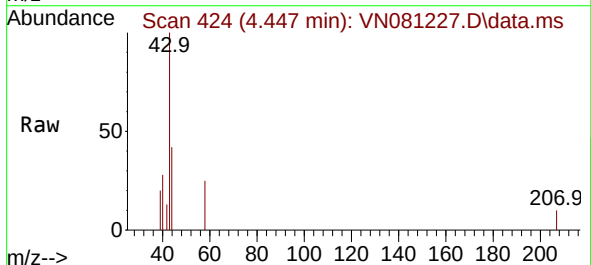
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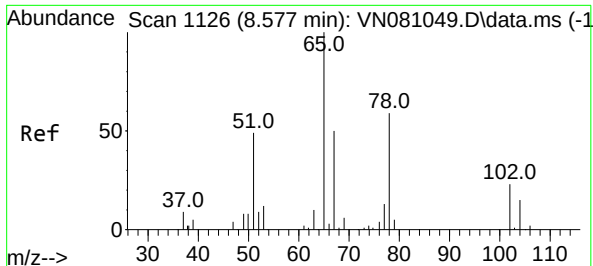
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#16
Acetone
Concen: 2.664 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.029 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

Tgt Ion: 43 Resp: 4057
Ion Ratio Lower Upper
43 100
58 24.8 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 56.220 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

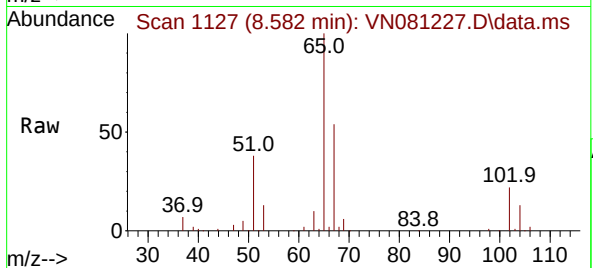
Lab File: VN081227.D

Acq: 27 Feb 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 65 Resp: 217604

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4

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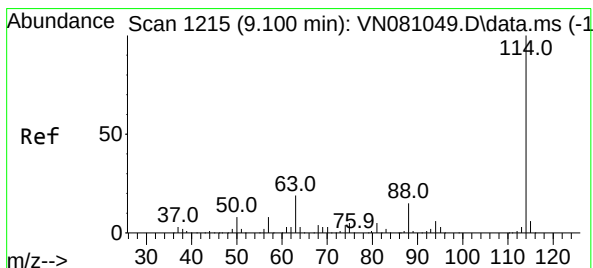
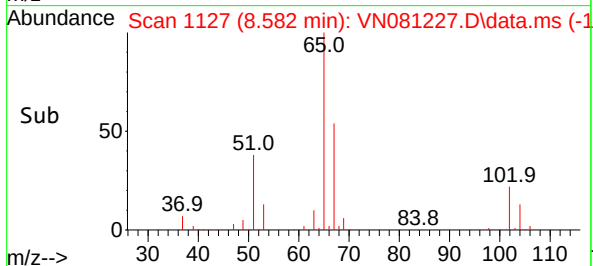
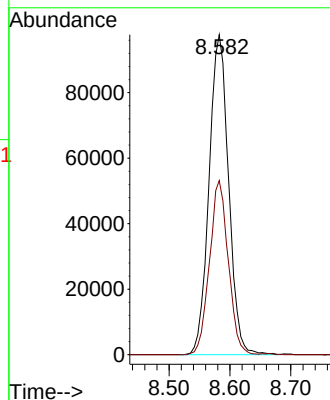
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081227.D

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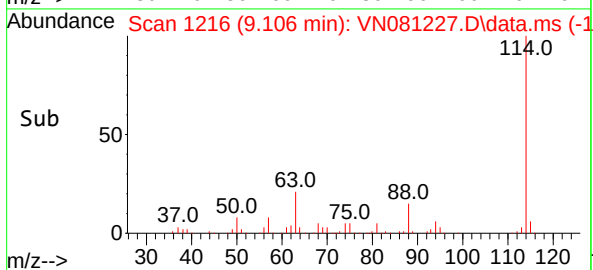
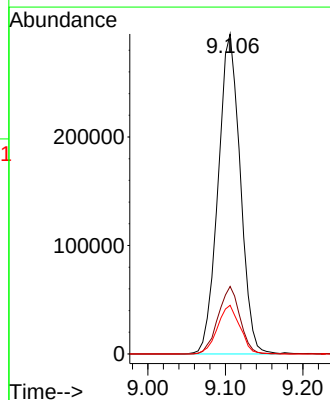
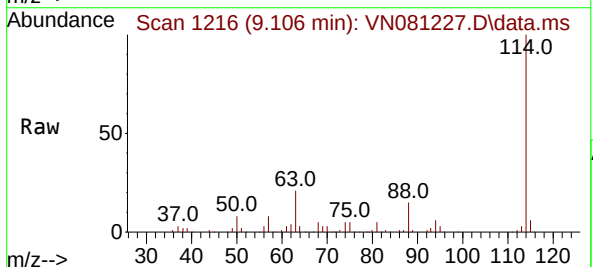
Tgt Ion:114 Resp: 586778

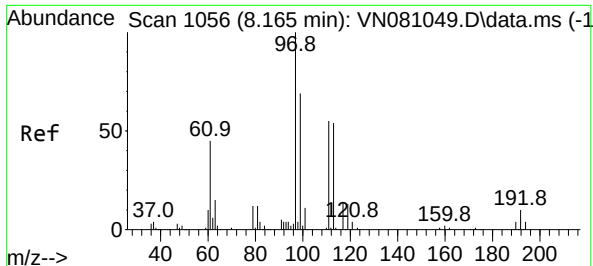
Ion Ratio Lower Upper

114 100

63 21.1 0.0 48.0

88 15.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.446 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

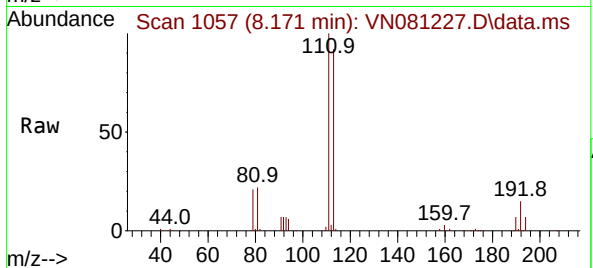
Lab File: VN081227.D

Acq: 27 Feb 2024 18:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:113 Resp: 17069

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 15.1 12.5 18.7

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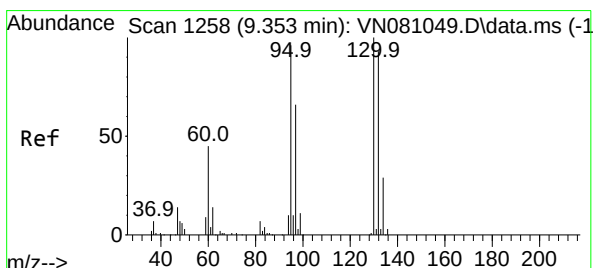
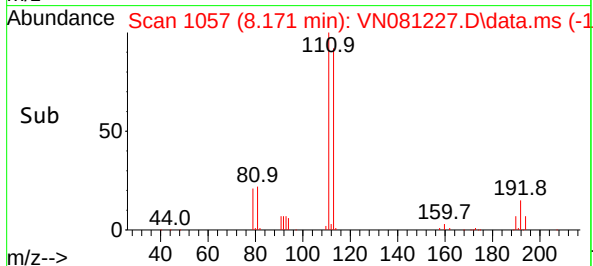
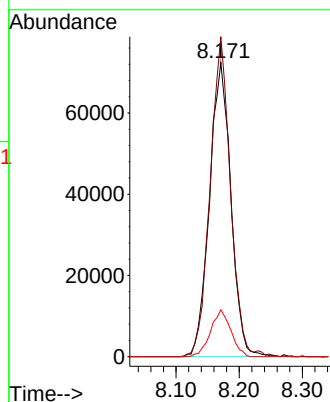
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#44

Trichloroethene

Concen: 4.129 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN081227.D

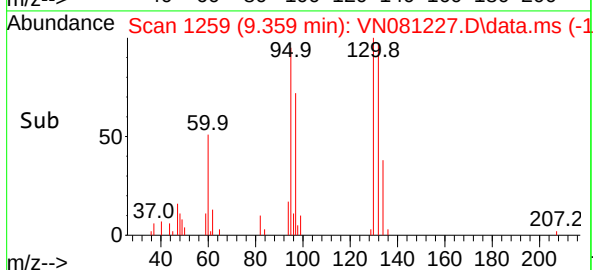
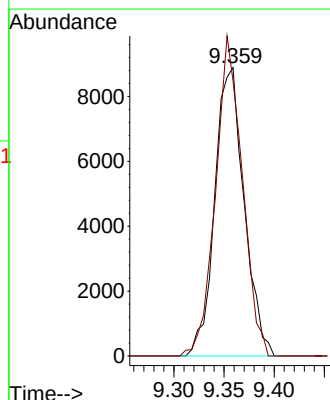
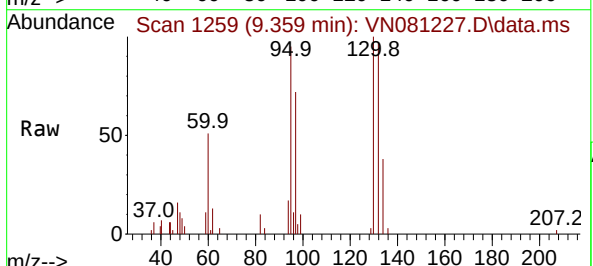
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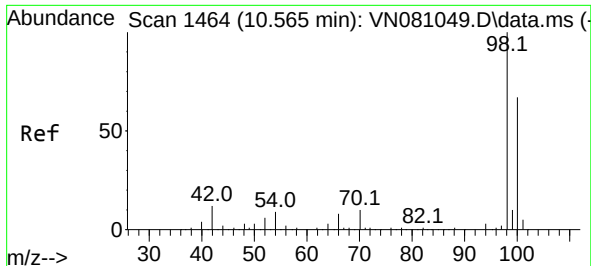
Tgt Ion:130 Resp: 18097

Ion Ratio Lower Upper

130 100

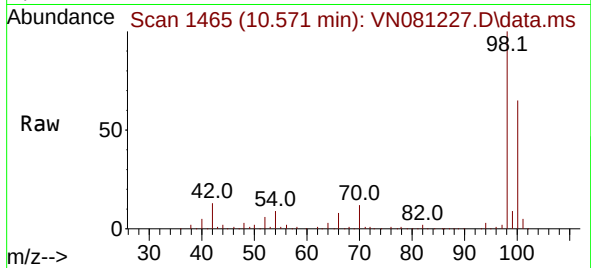
95 95.4 0.0 210.4





#50
Toluene-d8
Concen: 55.201 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :



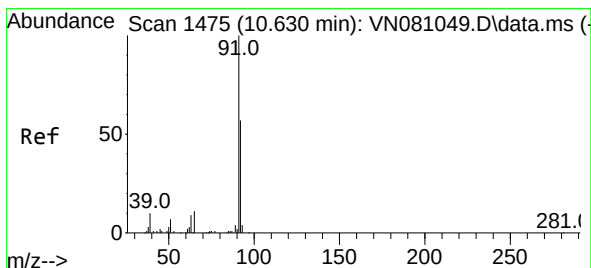
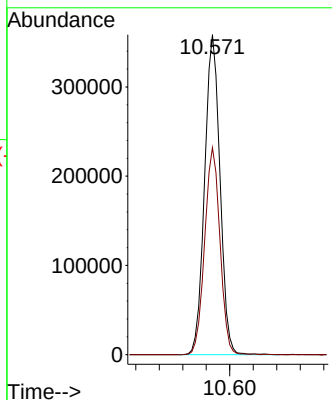
Tgt Ion: 98 Resp: 65053
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

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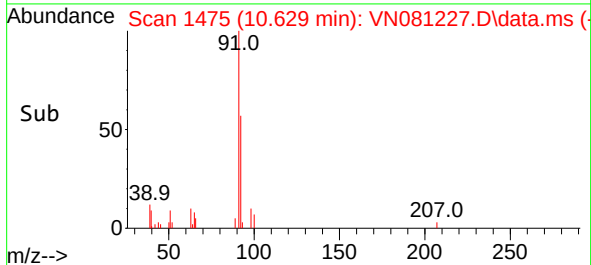
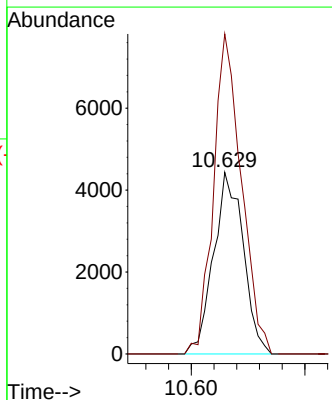
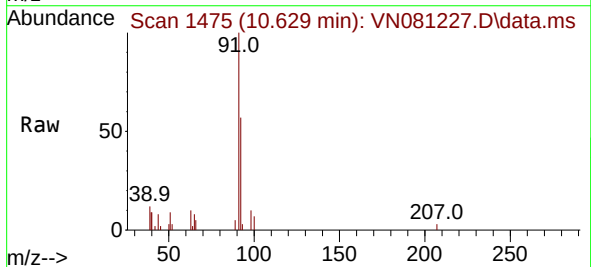
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Yesilyurt

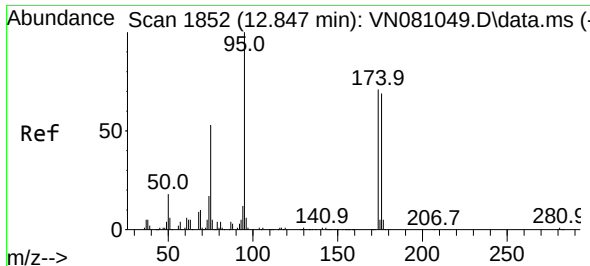
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#52
Toluene
Concen: 0.773 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

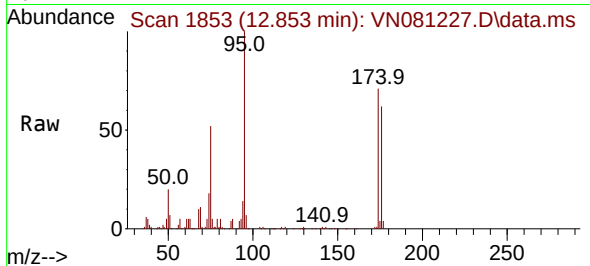
Tgt Ion: 92 Resp: 8056
Ion Ratio Lower Upper
92 100
91 165.8 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 47.063 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :



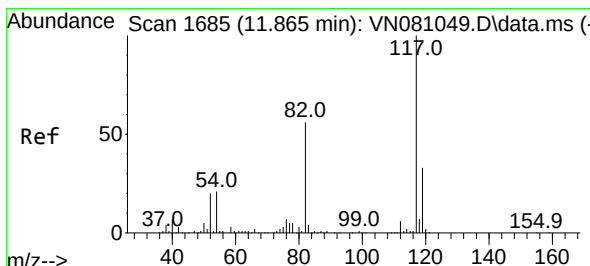
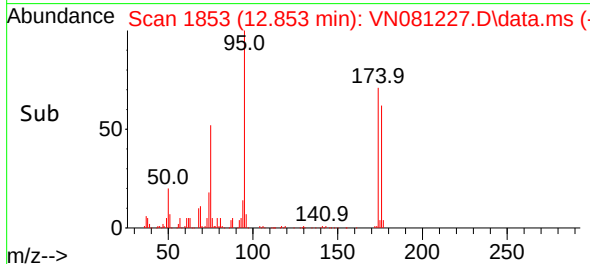
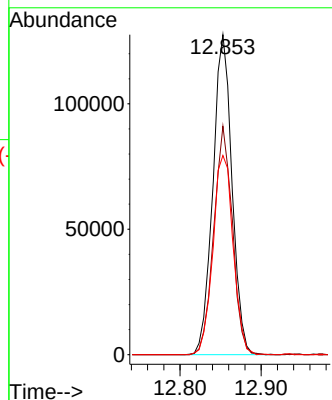
Tgt Ion: 95 Resp: 208402
Ion Ratio Lower Upper
95 100
174 69.7 0.0 120.4
176 66.0 0.0 121.0

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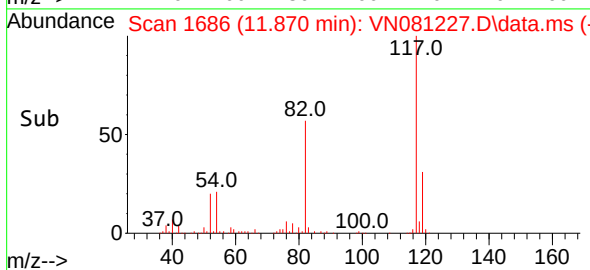
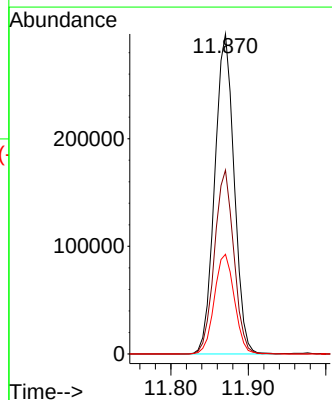
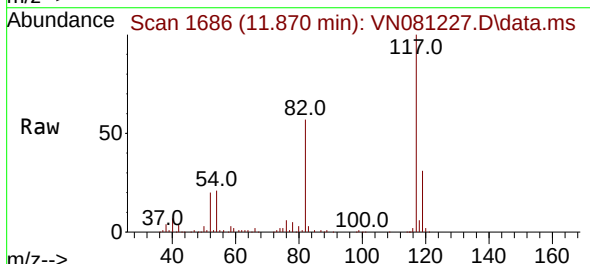
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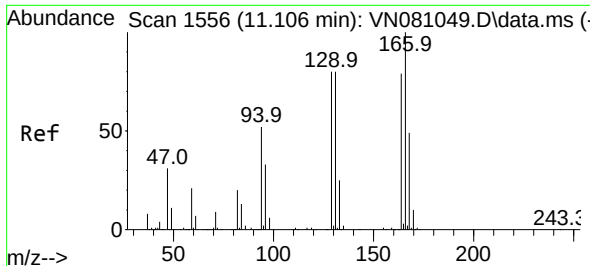
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

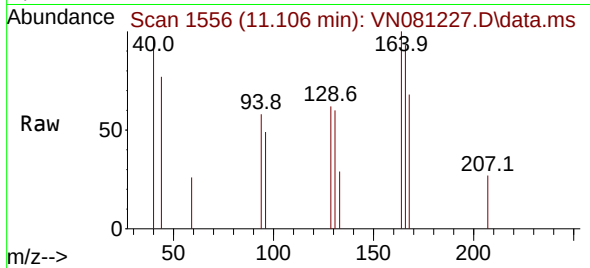
Tgt Ion:117 Resp: 517002
Ion Ratio Lower Upper
117 100
82 57.4 52.7 79.1
119 31.1 25.3 37.9





#64
Tetrachloroethene
Concen: 0.241 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

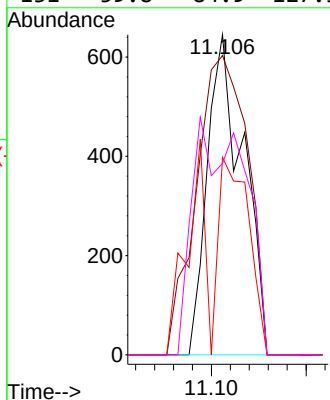
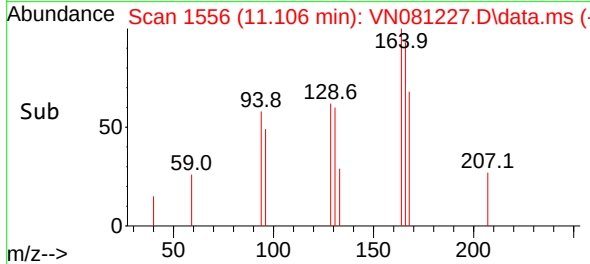
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:164 Resp: 849
Ion Ratio Lower Upper
164 100
166 93.5 105.8 158.6
129 61.7 89.6 134.4
131 59.8 84.9 127.3#

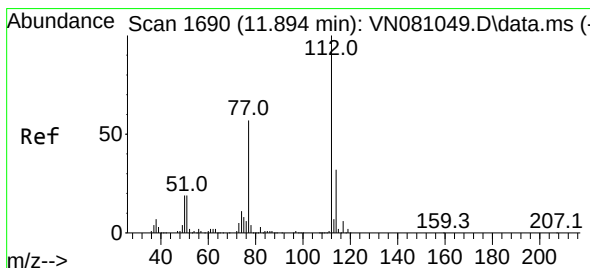
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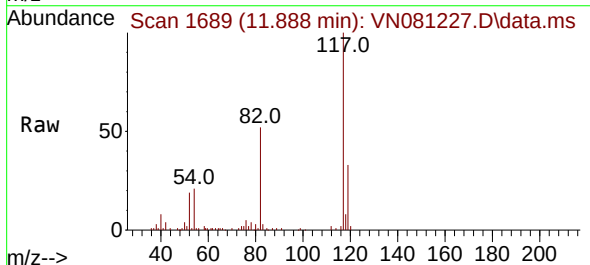


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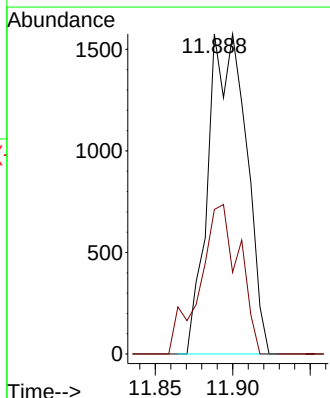
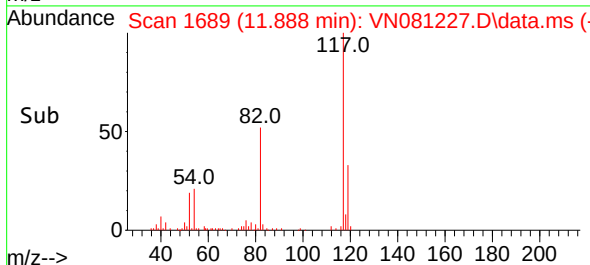
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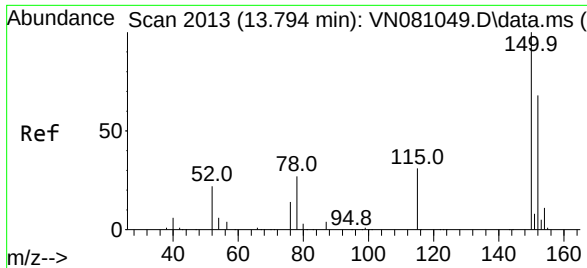


#65
Chlorobenzene
Concen: 0.242 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24



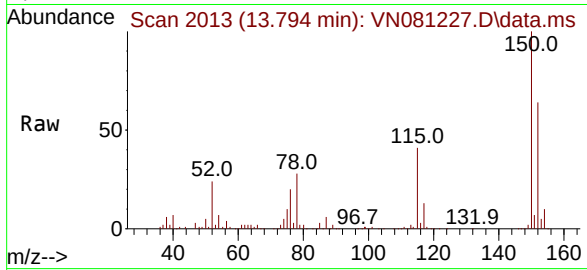
Tgt Ion:112 Resp: 2703
Ion Ratio Lower Upper
112 100
114 45.2 23.7 35.5#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081227.D
Acq: 27 Feb 2024 18:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:152 Resp: 20574
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 159.0 0.0 339.8

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