

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081231.D
 Acq On : 27 Feb 2024 20:00
 Operator : JC\MD
 Sample : P1590-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20240222

Quant Time: Feb 28 04:24:18 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	330451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	612522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	545600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	221511	54.689	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.380%		
35) Dibromofluoromethane	8.171	113	173652	50.136	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.280%		
50) Toluene-d8	10.571	98	667968	54.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 108.600%		
62) 4-Bromofluorobenzene	12.853	95	216810	46.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 93.800%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.342	96	1264m	0.338	ug/l	
30) Chloroform	7.971	83	2666	0.345	ug/l	93
44) Trichloroethene	9.359	130	42606	9.313	ug/l	91
52) Toluene	10.641	92	8604	0.791	ug/l	95
64) Tetrachloroethene	11.112	164	2970	0.798	ug/l #	75

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

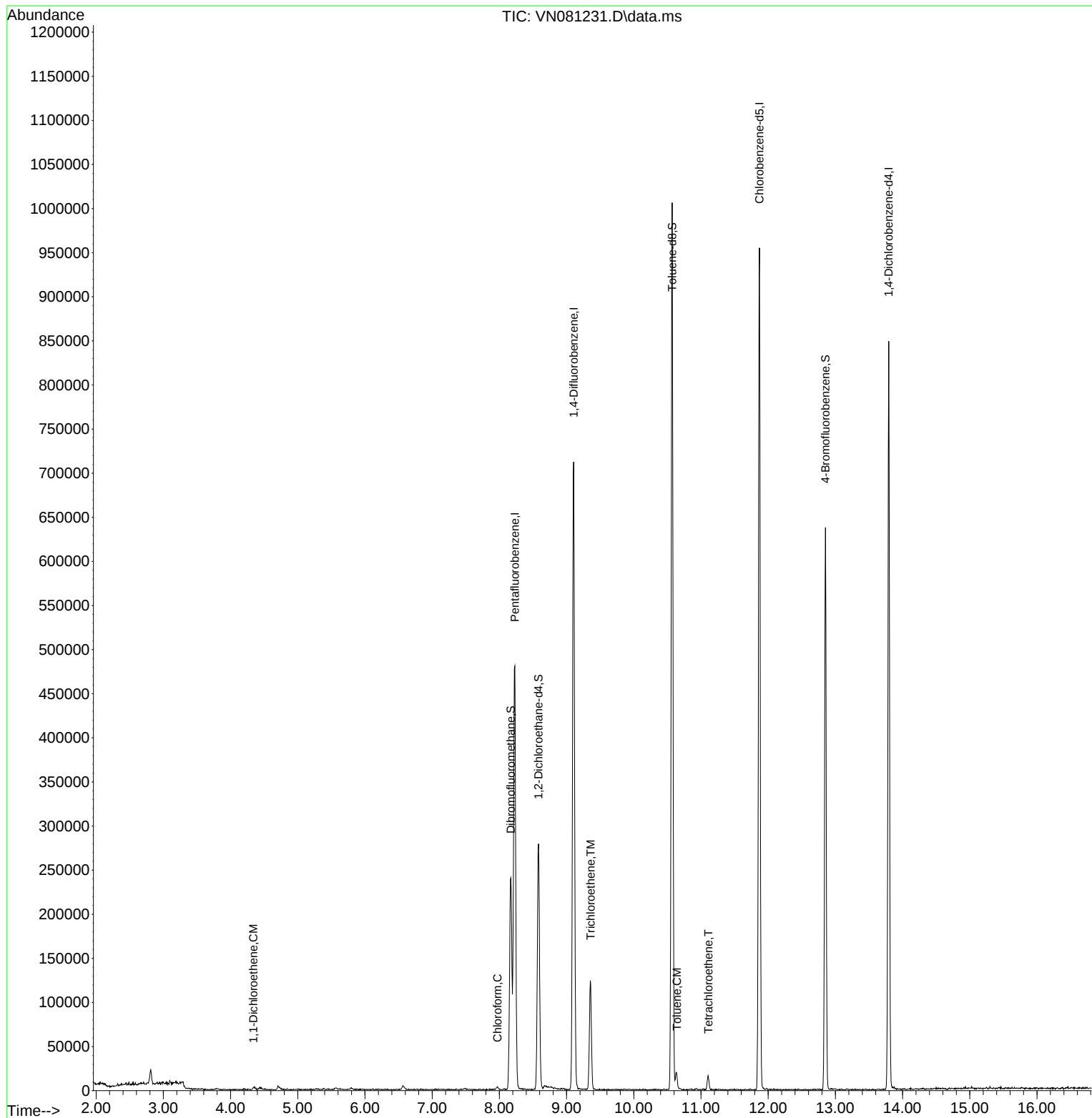
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
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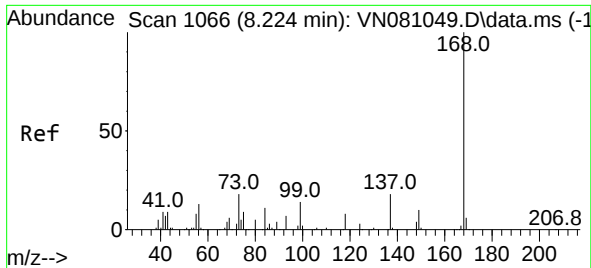
Instrument :
MSVOA_N
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QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VN081231.D

Acq: 27 Feb 2024 20:00

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20240222

Tgt Ion:168 Resp: 33045

Ion Ratio Lower Upper

168 100

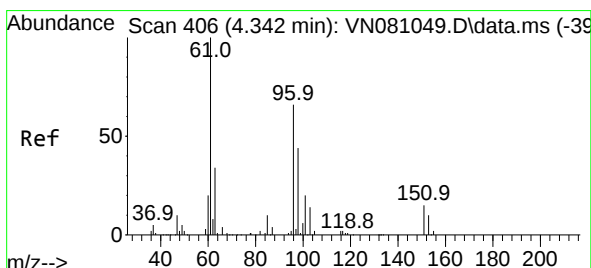
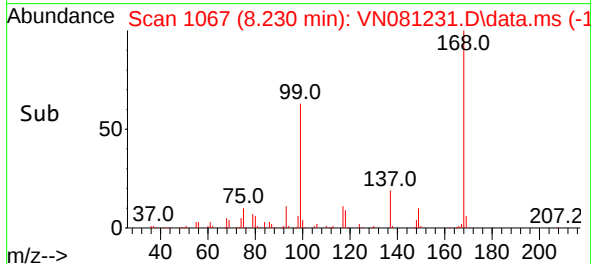
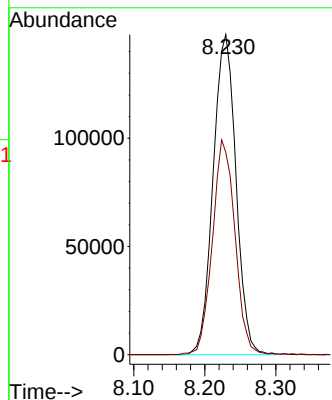
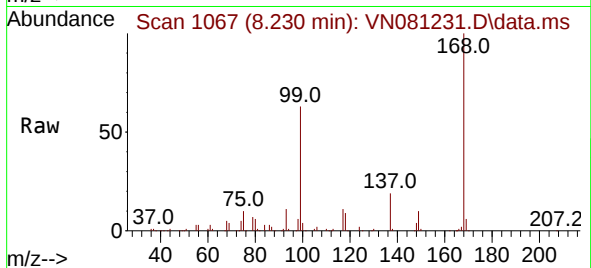
99 63.0 59.9 89.9

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#12

1,1-Dichloroethene

Concen: 0.338 ug/l m

RT: 4.342 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN081231.D

Acq: 27 Feb 2024 20:00

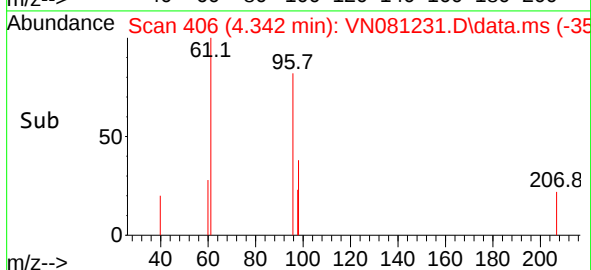
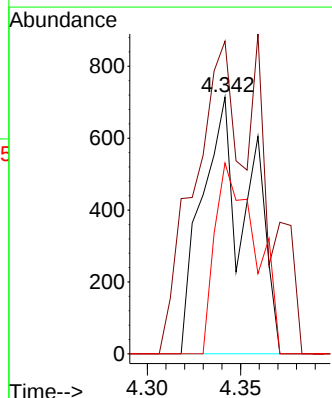
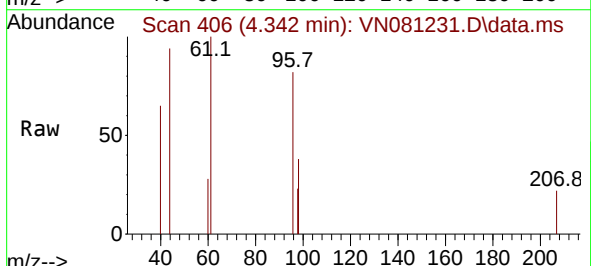
Tgt Ion: 96 Resp: 1264

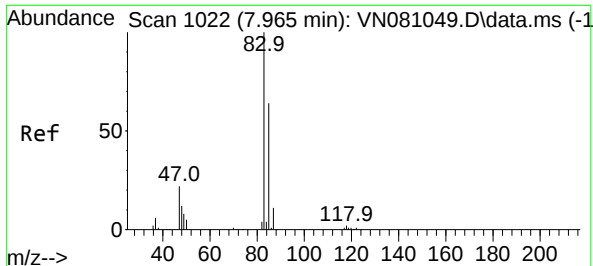
Ion Ratio Lower Upper

96 100

61 121.8 138.2 207.4#

98 46.8 49.2 73.8#





#30

Chloroform

Concen: 0.345 ug/l

RT: 7.971 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN081231.D

Acq: 27 Feb 2024 20:00

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20240222

Tgt Ion: 83 Resp: 266

Ion Ratio Lower Upper

83 100

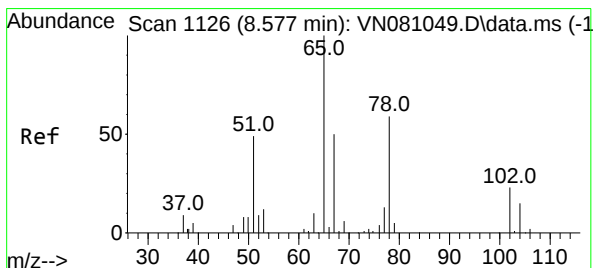
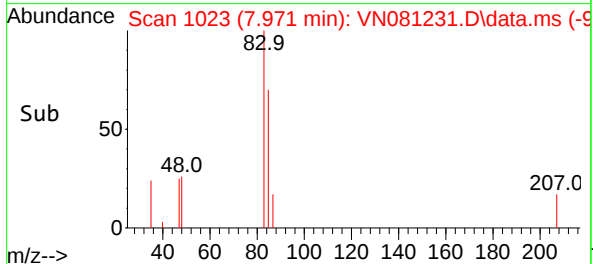
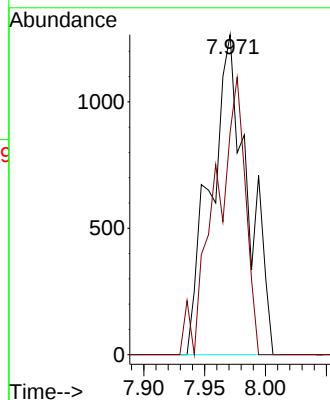
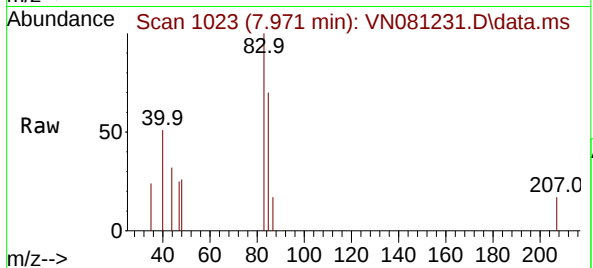
85 69.5 51.0 76.6

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#33

1,2-Dichloroethane-d4

Concen: 54.689 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081231.D

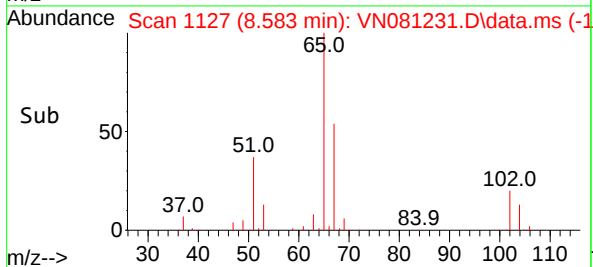
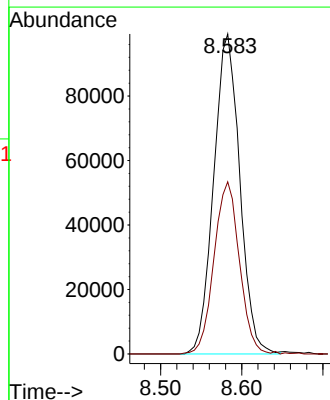
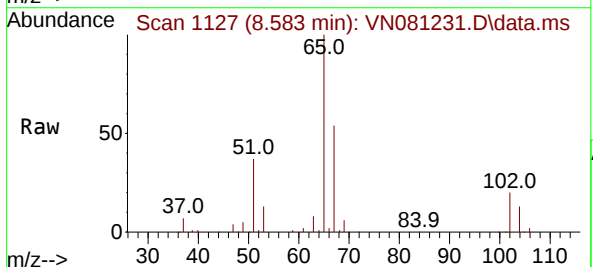
Acq: 27 Feb 2024 20:00

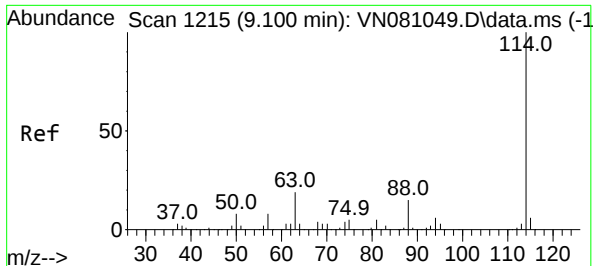
Tgt Ion: 65 Resp: 221511

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081231.D

Acq: 27 Feb 2024 20:00

Instrument :

MSVOA_N

ClientSampleId :

TT162S1-20240222

Tgt Ion:114 Resp: 61252

Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

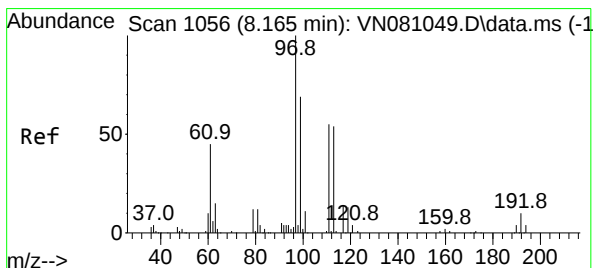
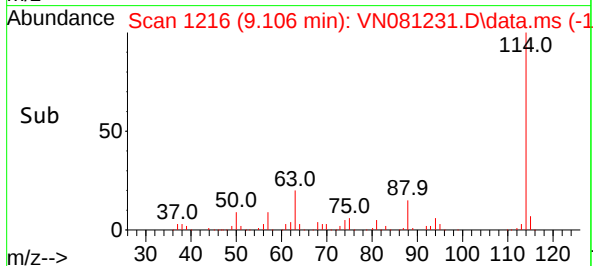
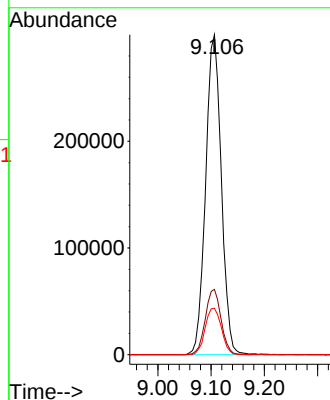
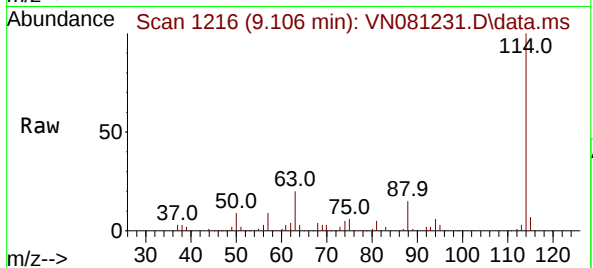
88 14.5 0.0 34.8

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#35

Dibromofluoromethane

Concen: 50.136 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081231.D

Acq: 27 Feb 2024 20:00

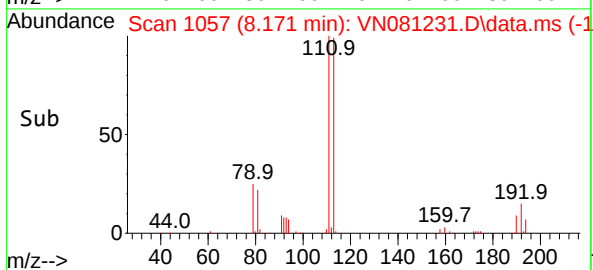
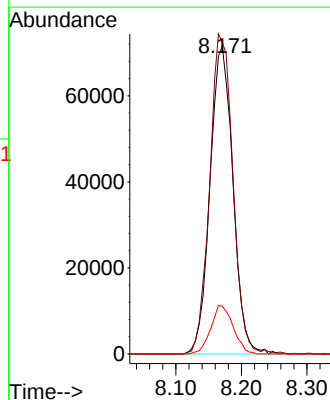
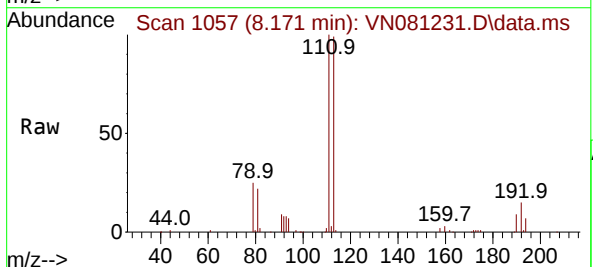
Tgt Ion:113 Resp: 173652

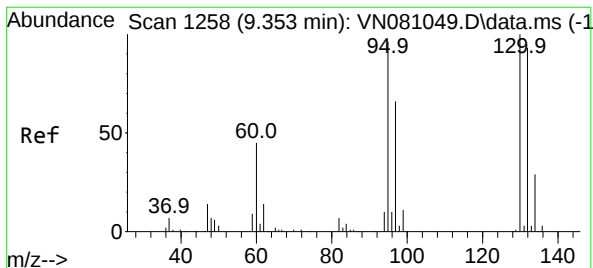
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 15.4 12.5 18.7





#44

Trichloroethene

Concen: 9.313 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081231.D

Acq: 27 Feb 2024 20:00

Instrument :

MSVOA_N

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TT162S1-20240222

Tgt Ion:130 Resp: 42600

Ion Ratio Lower Upper

130 100

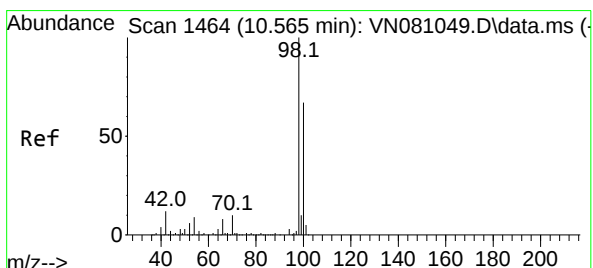
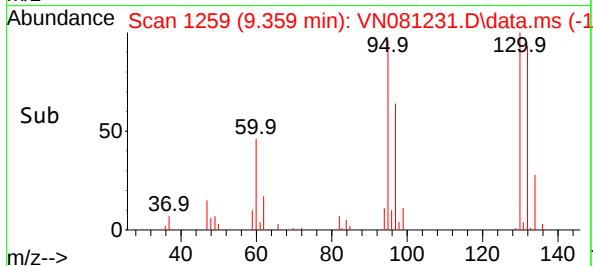
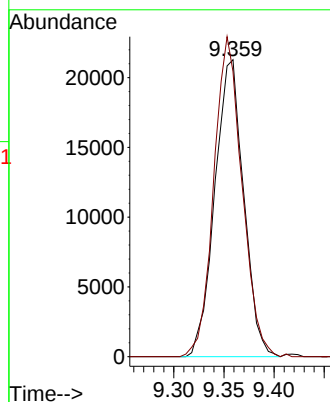
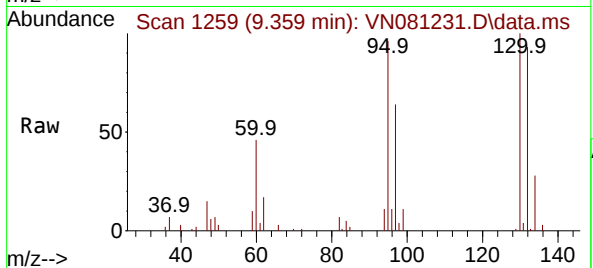
95 96.0 0.0 210.4

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#50

Toluene-d8

Concen: 54.298 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081231.D

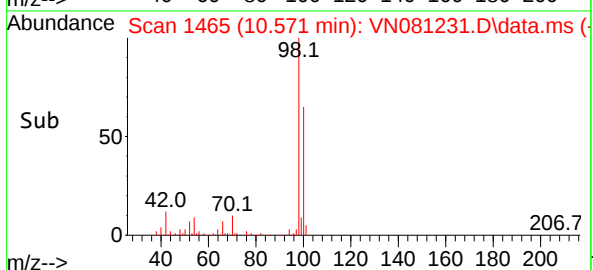
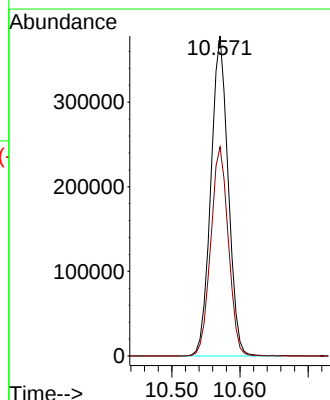
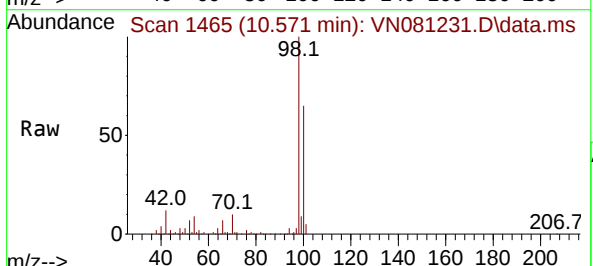
Acq: 27 Feb 2024 20:00

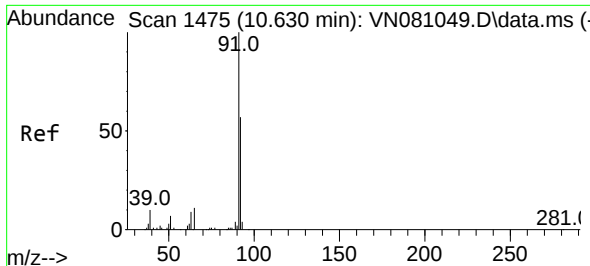
Tgt Ion: 98 Resp: 667968

Ion Ratio Lower Upper

98 100

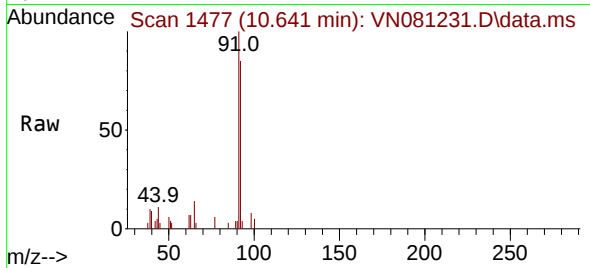
100 66.3 51.4 77.0





#52
Toluene
Concen: 0.791 ug/l
RT: 10.641 min Scan# 1475
Delta R.T. 0.012 min
Lab File: VN081231.D
Acq: 27 Feb 2024 20:00

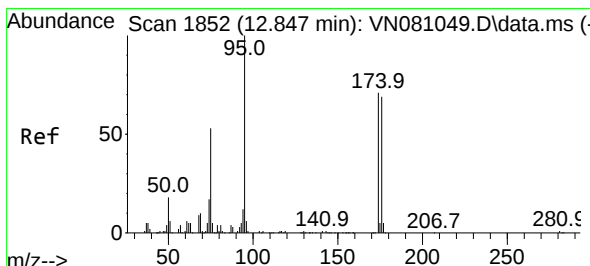
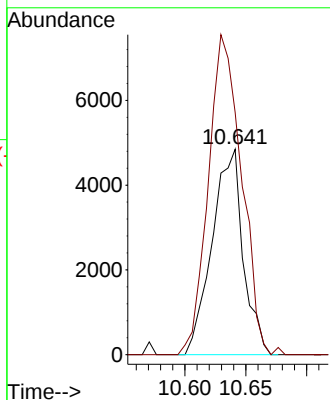
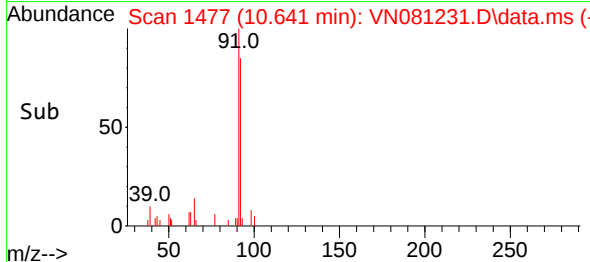
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20240222



Tgt Ion: 92 Resp: 8604
Ion Ratio Lower Upper
92 100
91 166.6 139.4 209.0

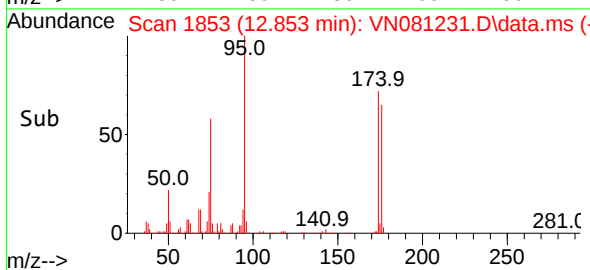
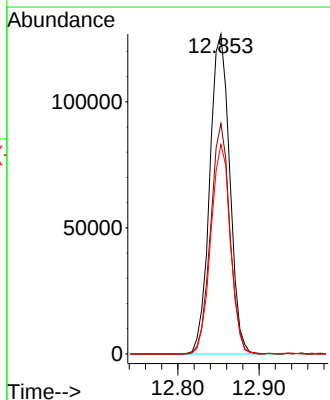
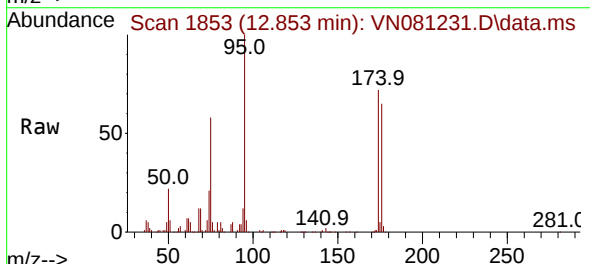
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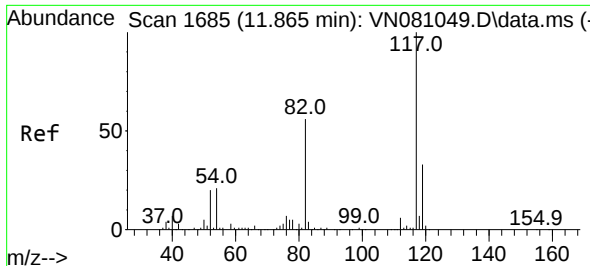
Reviewed By :John Carlone 02/28/2024
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#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081231.D
Acq: 27 Feb 2024 20:00

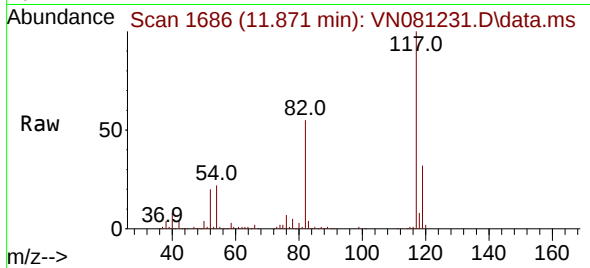
Tgt Ion: 95 Resp: 216810
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 64.2 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN081231.D
Acq: 27 Feb 2024 20:00

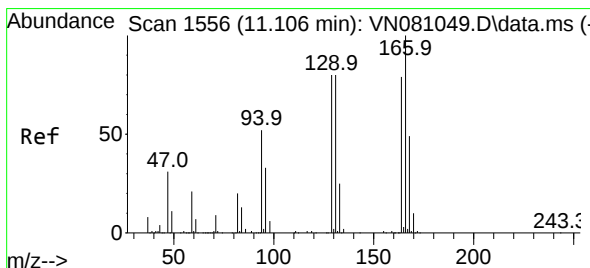
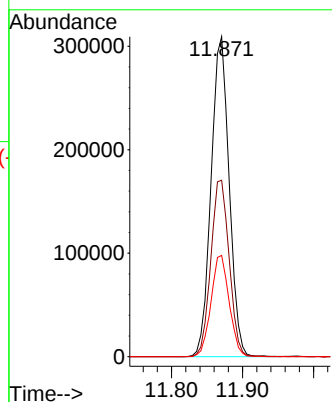
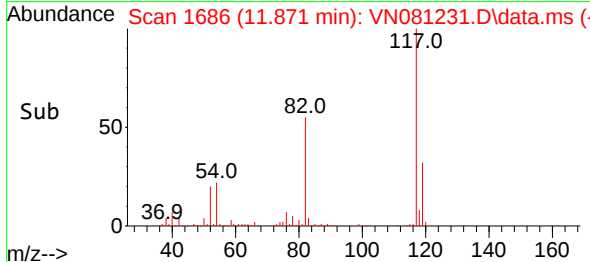
Instrument :
MSVOA_N
ClientSampleId :
TT162S1-20240222



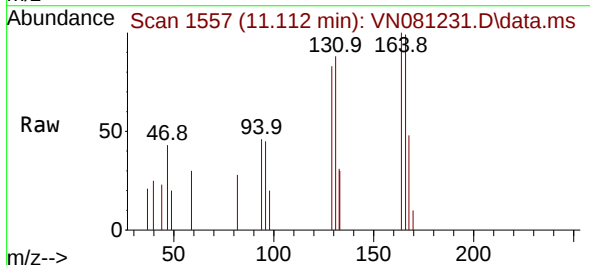
Tgt Ion:117 Resp: 545600
Ion Ratio Lower Upper
117 100
82 55.1 52.7 79.1
119 31.6 25.3 37.9

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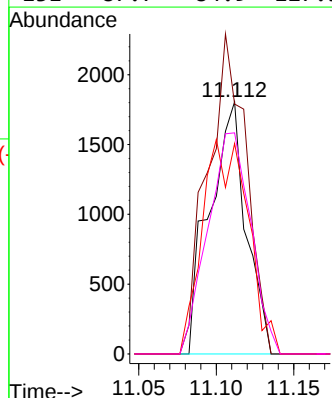
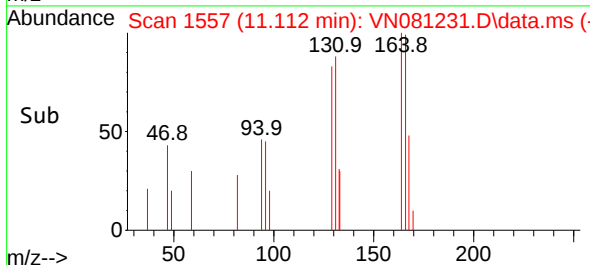
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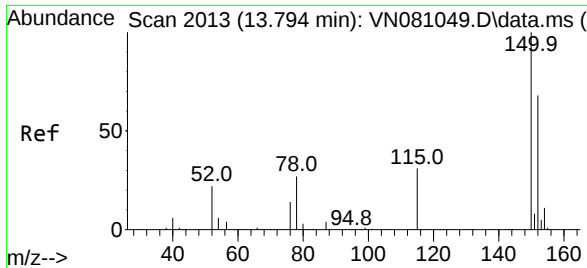


#64
Tetrachloroethene
Concen: 0.798 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN081231.D
Acq: 27 Feb 2024 20:00



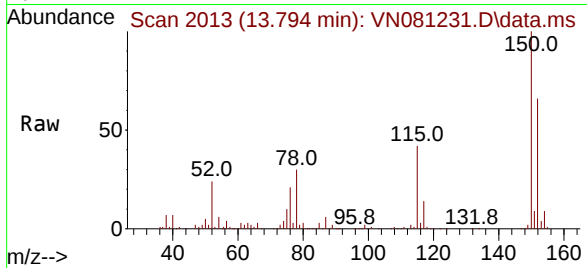
Tgt Ion:164 Resp: 2970
Ion Ratio Lower Upper
164 100
166 99.1 105.8 158.6#
129 83.4 89.6 134.4#
131 87.7 84.9 127.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081231.D
 Acq: 27 Feb 2024 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TT162S1-20240222



Tgt Ion:152 Resp: 207150
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.3 96.8
 150 158.3 0.0 339.8

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