

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081229.D
 Acq On : 27 Feb 2024 19:12
 Operator : JC\MD
 Sample : P1590-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D2-20240222

Quant Time: Feb 28 04:23:25 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	316934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	581203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	511721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	213975	55.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.171	113	165145	50.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	10.571	98	646522	55.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.780%			
62) 4-Bromofluorobenzene	12.853	95	201076	45.844	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	2720	0.664	ug/l	84
7) Trichlorofluoromethane	3.506	101	1687	0.254	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	47167	12.721	ug/l	94
12) 1,1-Dichloroethene	4.336	96	3867m	1.079	ug/l	
27) cis-1,2-Dichloroethene	7.488	96	7264	1.564	ug/l	81
30) Chloroform	7.977	83	2861	0.386	ug/l	94
38) Carbon Tetrachloride	8.371	117	2496	0.438	ug/l #	72
44) Trichloroethene	9.353	130	325191	74.916	ug/l	96
52) Toluene	10.635	92	9823	0.952	ug/l	87

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

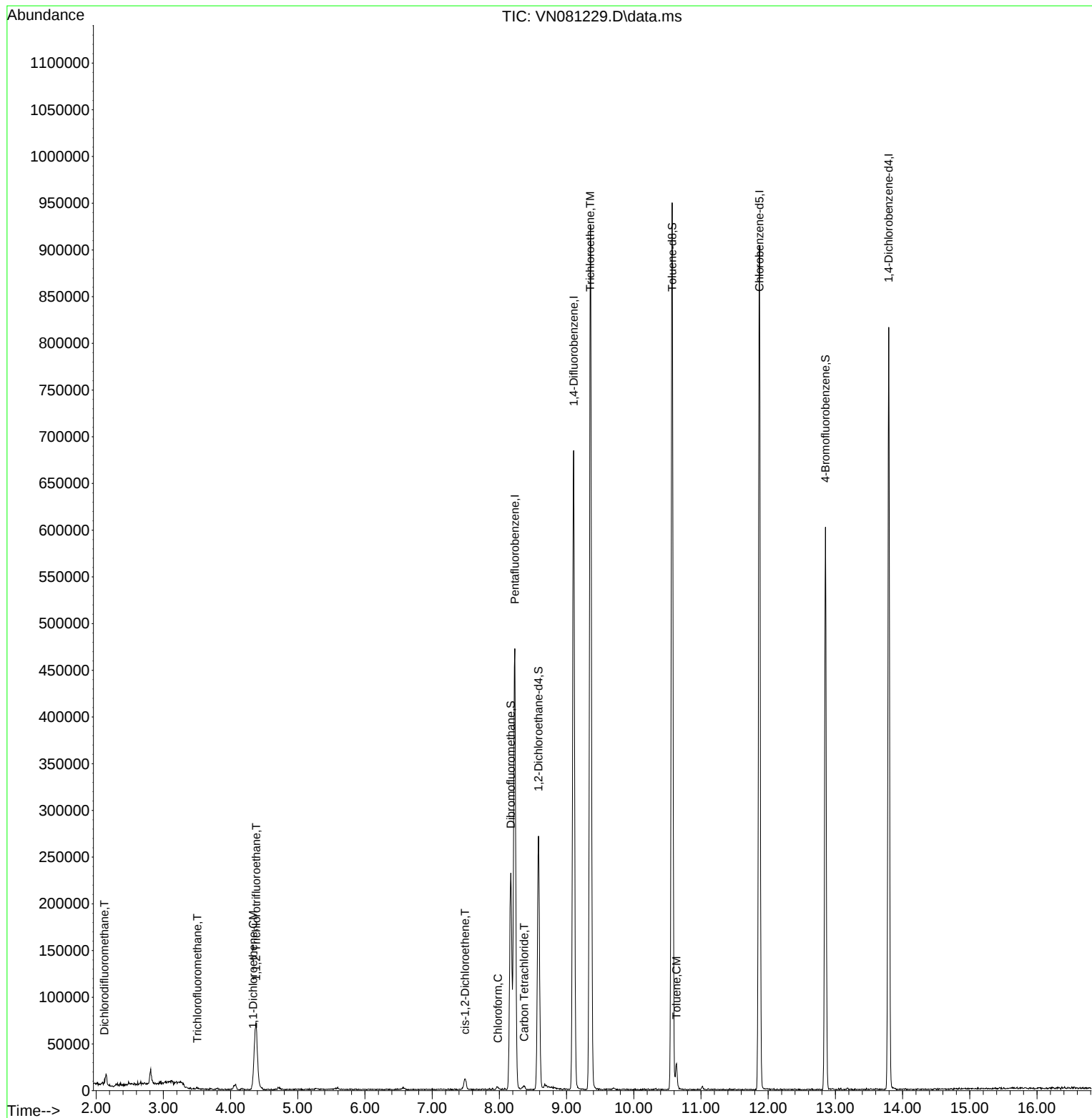
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
Data File : VN081229.D
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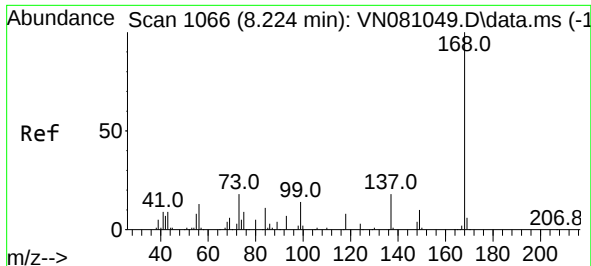
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20240222

Quant Time: Feb 28 04:23:25 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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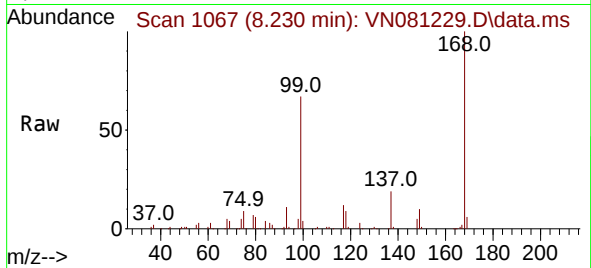
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

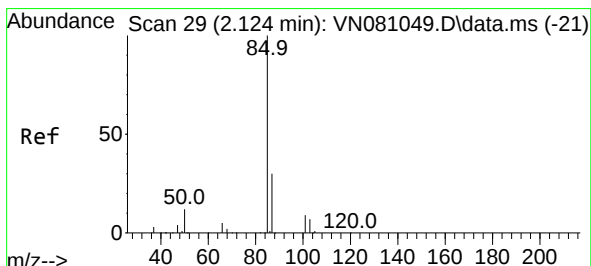
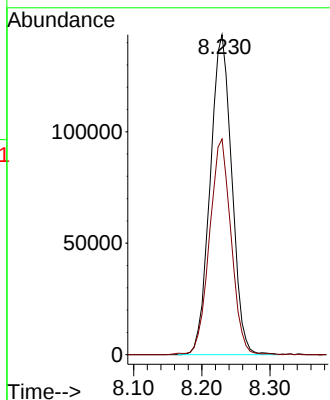
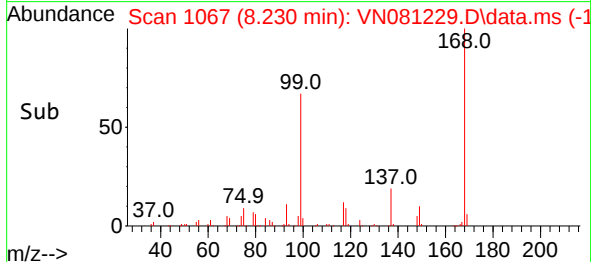
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20240222



Tgt Ion:168 Resp: 316934
Ion Ratio Lower Upper
168 100
99 67.3 59.9 89.9

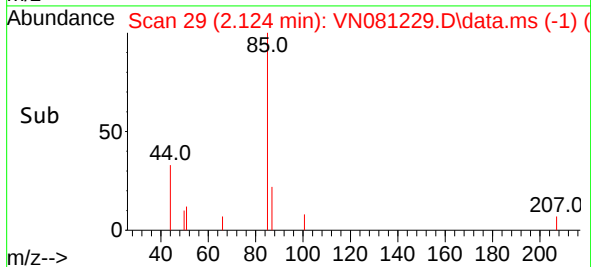
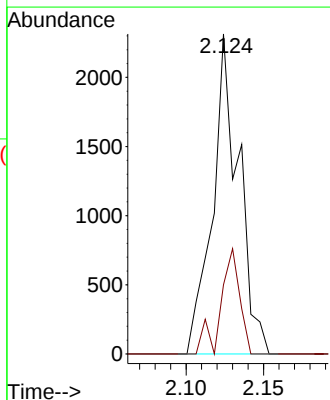
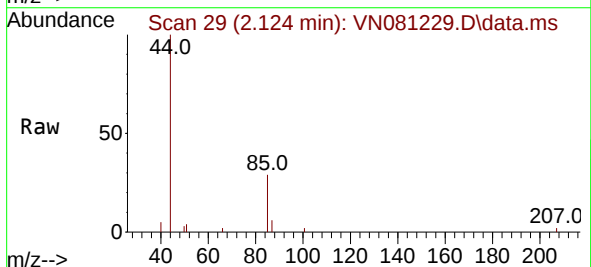
Manual Integrations
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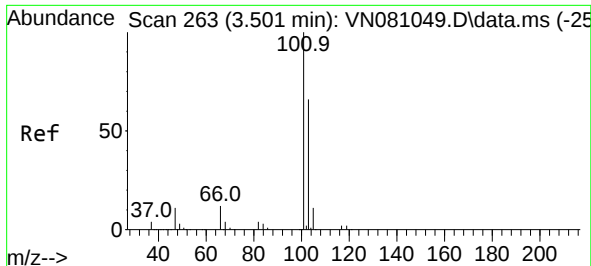
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#2
Dichlorodifluoromethane
Concen: 0.664 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

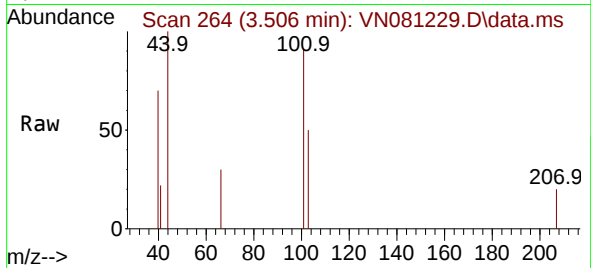
Tgt Ion: 85 Resp: 2720
Ion Ratio Lower Upper
85 100
87 21.6 15.3 45.9





#7
 Trichlorofluoromethane
 Concen: 0.254 ug/l
 RT: 3.506 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VN081229.D
 Acq: 27 Feb 2024 19:12

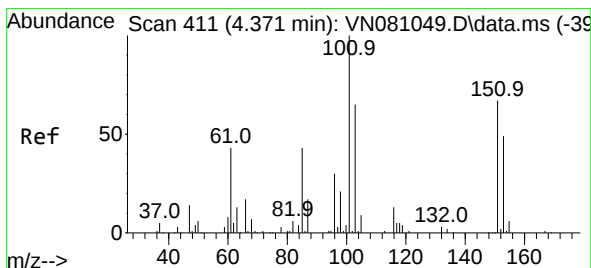
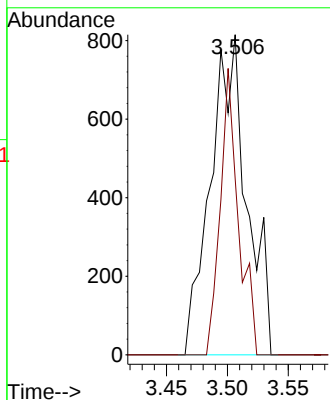
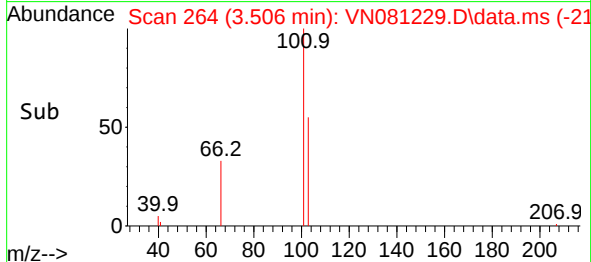
Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D2-20240222



Tgt Ion:101 Resp: 168
 Ion Ratio Lower Upper
 101 100
 103 55.1 54.4 81.6

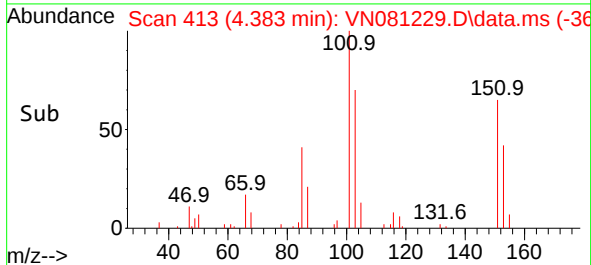
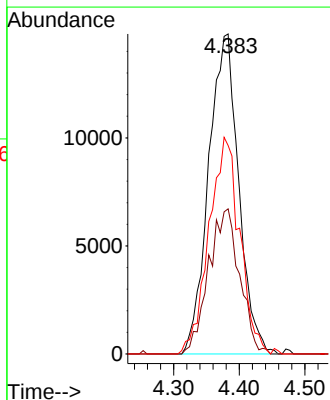
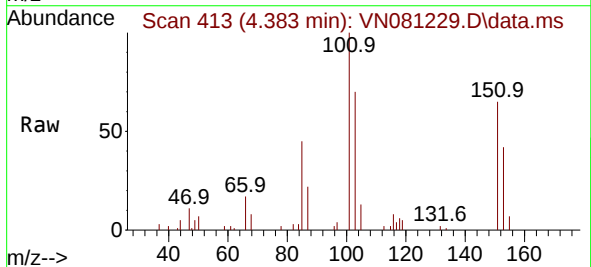
Manual Integrations
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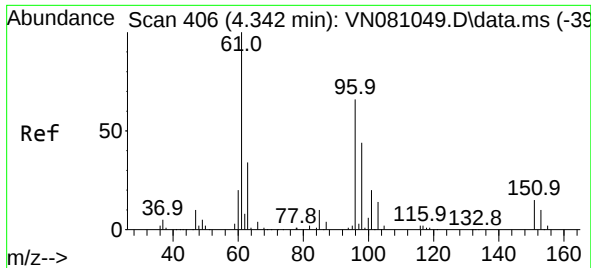
Reviewed By :John Carlone 02/28/2024
 Supervised By :Semsettin Yesilyurt 02/28/2024



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.721 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. 0.012 min
 Lab File: VN081229.D
 Acq: 27 Feb 2024 19:12

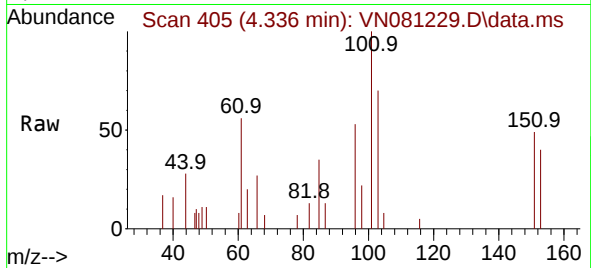
Tgt Ion:101 Resp: 47167
 Ion Ratio Lower Upper
 101 100
 85 46.8 38.1 57.1
 151 69.2 49.1 73.7





#12
1,1-Dichloroethene
Concen: 1.079 ug/l m
RT: 4.336 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

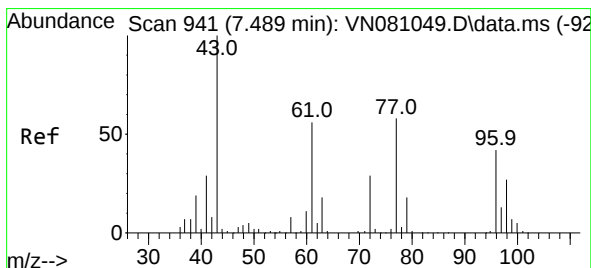
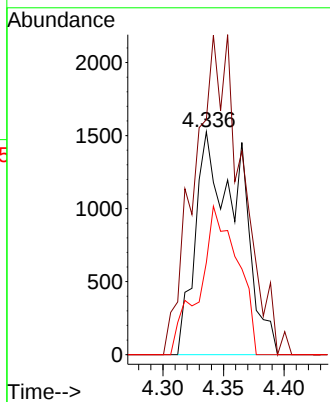
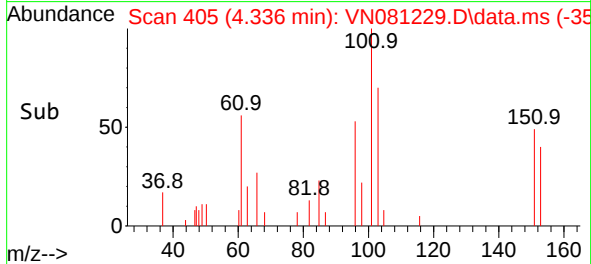
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20240222



Tgt Ion: 96 Resp: 386
Ion Ratio Lower Upper
96 100
61 105.4 138.2 207.4
98 41.3 49.2 73.8

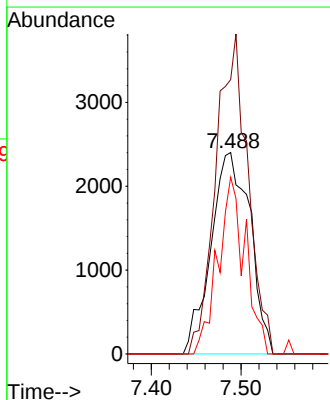
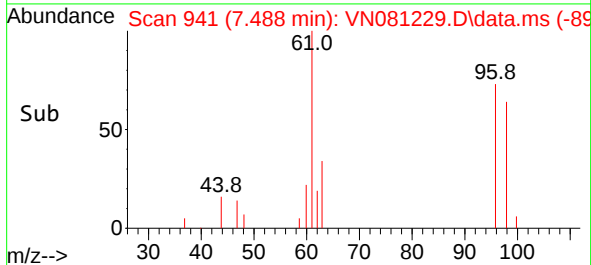
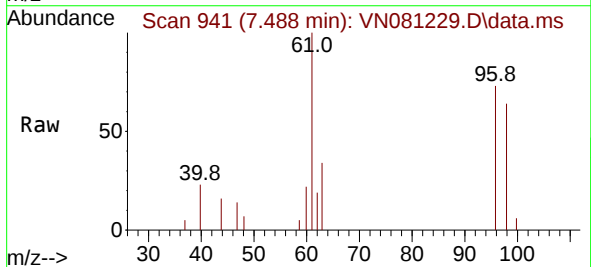
Manual Integrations
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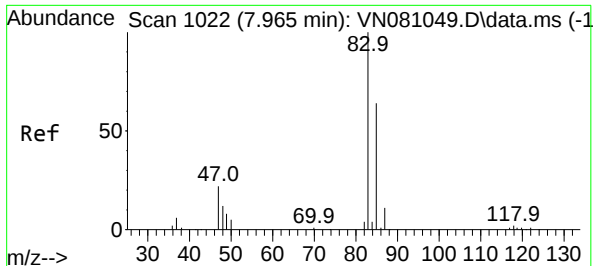
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#27
cis-1,2-Dichloroethene
Concen: 1.564 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

Tgt Ion: 96 Resp: 7264
Ion Ratio Lower Upper
96 100
61 129.3 0.0 325.4
98 61.5 0.0 130.4





#30

Chloroform

Concen: 0.386 ug/l

RT: 7.977 min Scan# 1102

Delta R.T. 0.012 min

Lab File: VN081229.D

Acq: 27 Feb 2024 19:12

Instrument :

MSVOA_N

ClientSampleId :

RE114D2-20240222

Tgt Ion: 83 Resp: 286

Ion Ratio Lower Upper

83 100

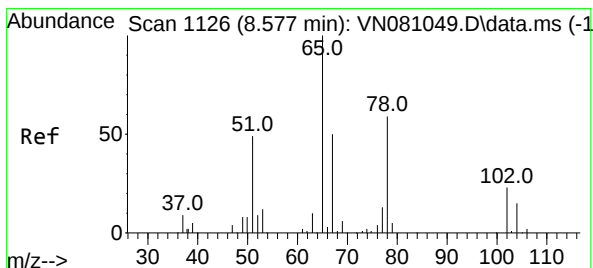
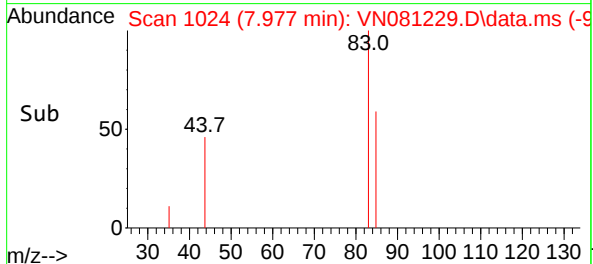
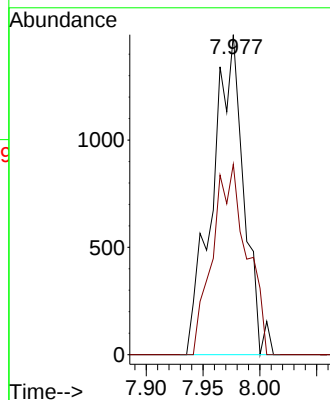
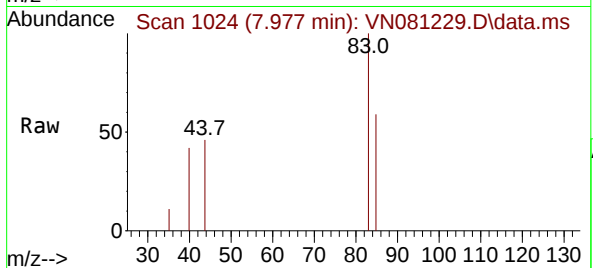
85 59.5 51.0 76.6

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 55.081 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081229.D

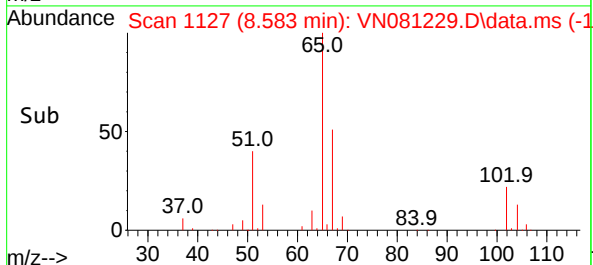
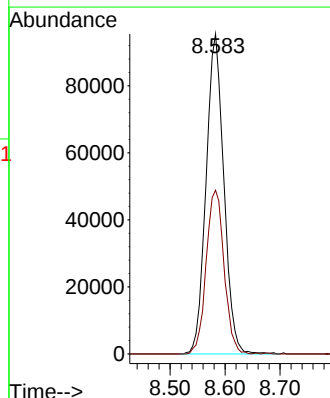
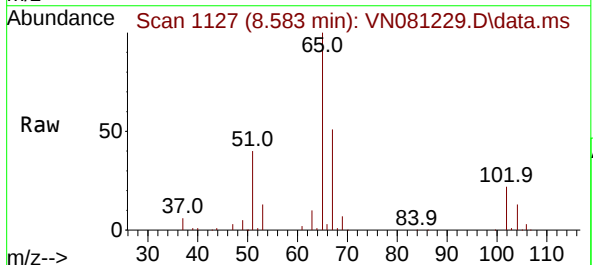
Acq: 27 Feb 2024 19:12

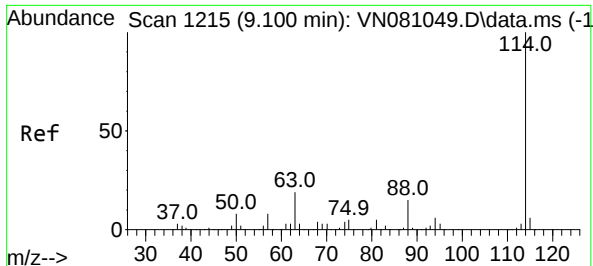
Tgt Ion: 65 Resp: 213975

Ion Ratio Lower Upper

65 100

67 51.6 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: VN081229.D

Acq: 27 Feb 2024 19:12

Instrument :

MSVOA_N

ClientSampleId :

RE114D2-20240222

Tgt Ion:114 Resp: 58120

Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

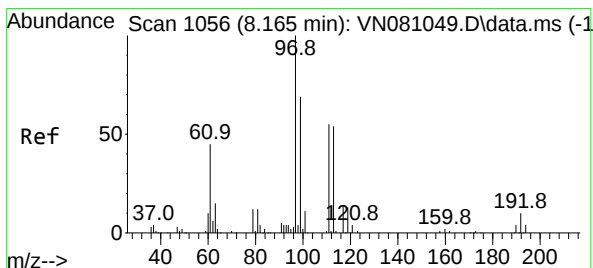
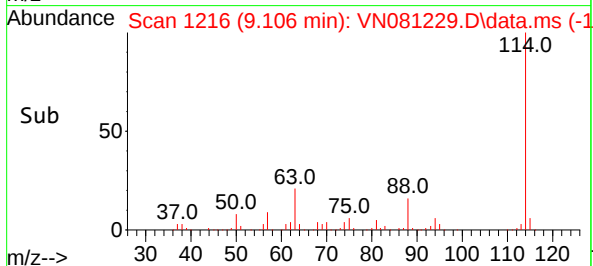
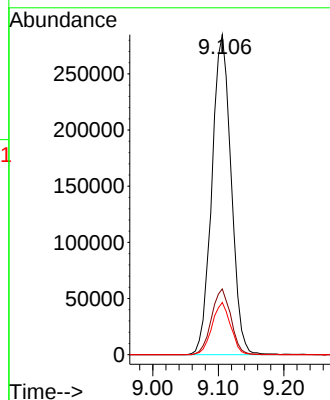
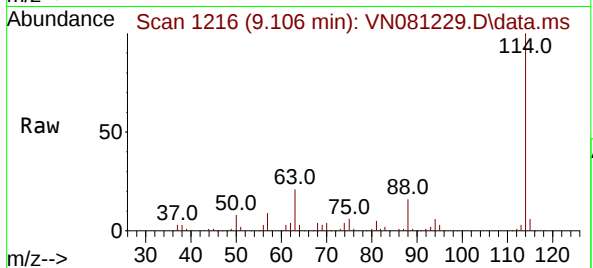
88 16.3 0.0 34.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 02/28/2024



#35

Dibromofluoromethane

Concen: 50.249 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081229.D

Acq: 27 Feb 2024 19:12

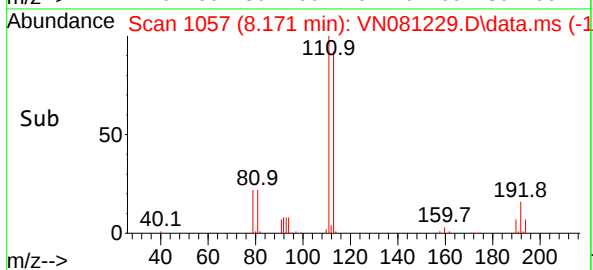
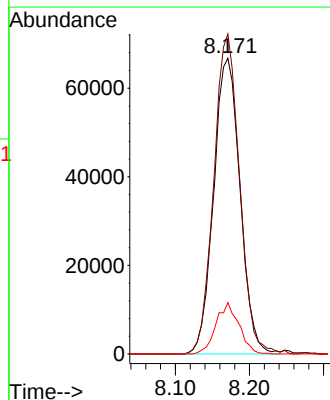
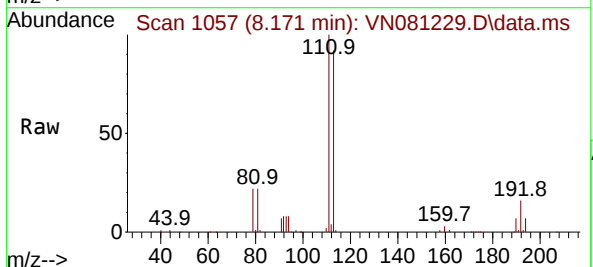
Tgt Ion:113 Resp: 165145

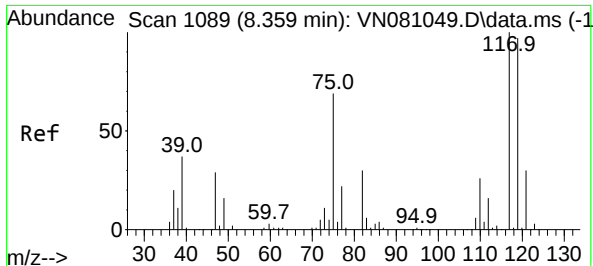
Ion Ratio Lower Upper

113 100

111 105.8 82.2 123.4

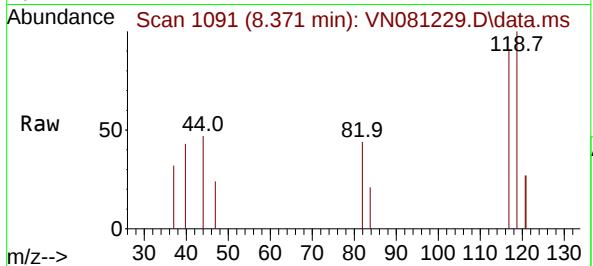
192 15.1 12.5 18.7





#38
Carbon Tetrachloride
Concen: 0.438 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.012 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

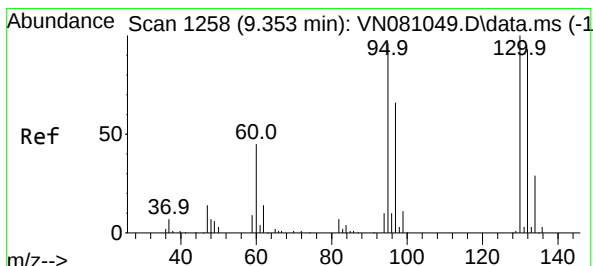
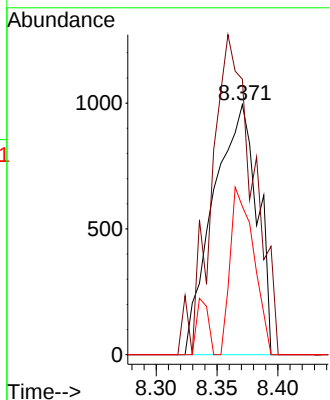
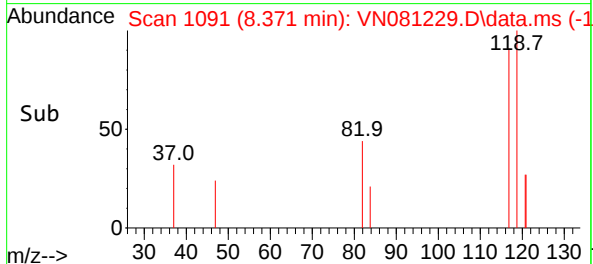
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20240222



Tgt Ion:117 Resp: 2490
Ion Ratio Lower Upper
117 100
119 110.2 73.4 110.2
121 59.3 24.4 36.6

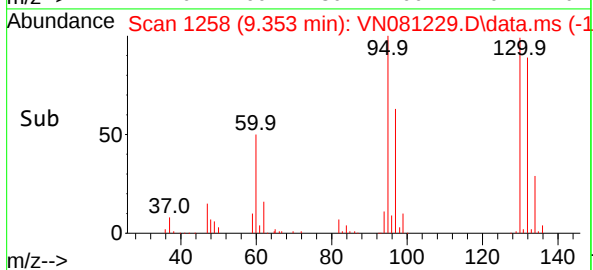
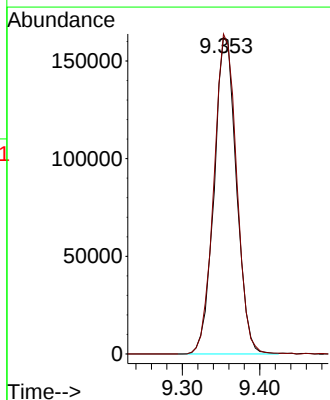
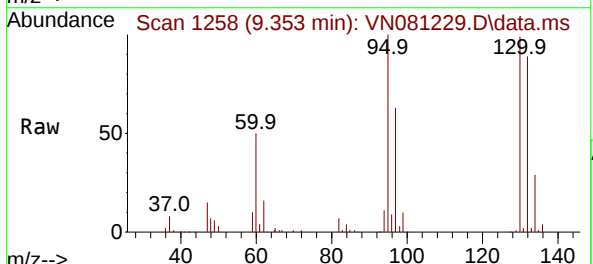
Manual Integrations
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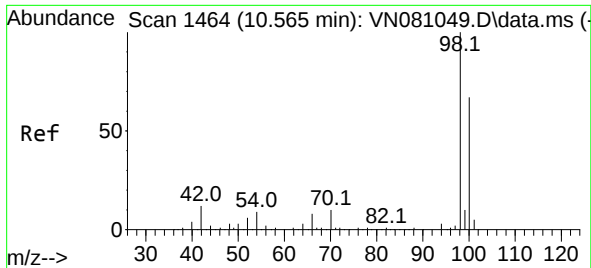
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#44
Trichloroethene
Concen: 74.916 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

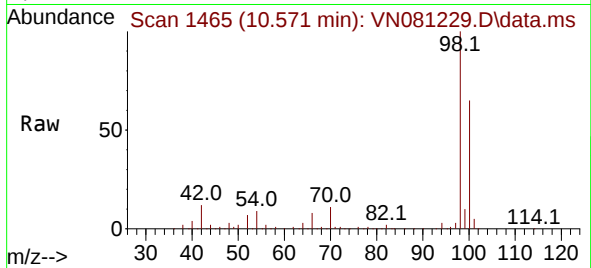
Tgt Ion:130 Resp: 325191
Ion Ratio Lower Upper
130 100
95 101.1 0.0 210.4





#50
Toluene-d8
Concen: 55.387 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

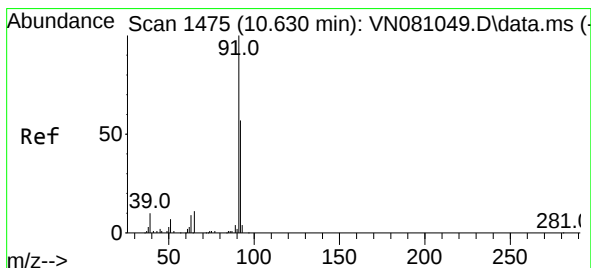
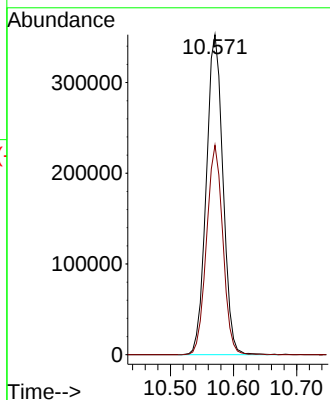
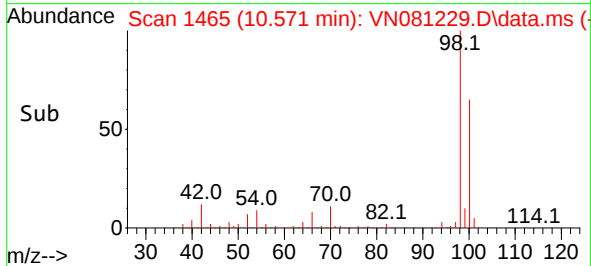
Instrument :
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RE114D2-20240222



Tgt Ion: 98 Resp: 64652
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0

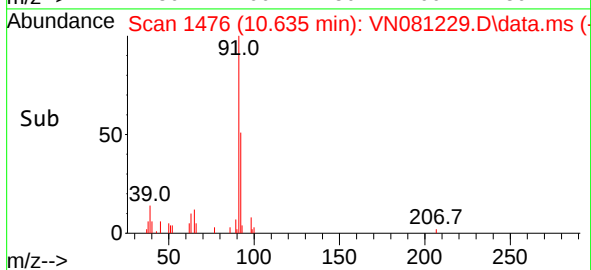
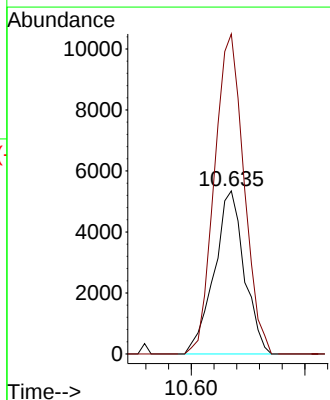
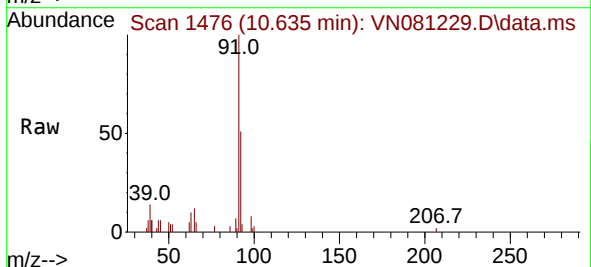
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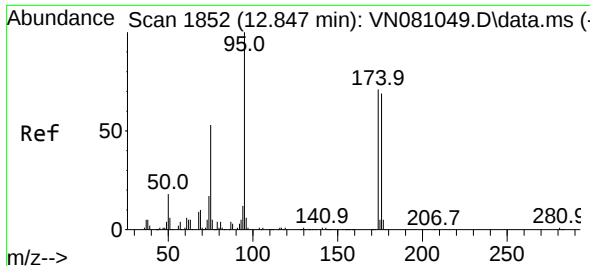
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#52
Toluene
Concen: 0.952 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

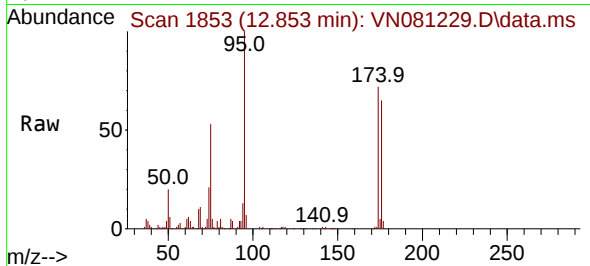
Tgt Ion: 92 Resp: 9823
Ion Ratio Lower Upper
92 100
91 192.4 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 45.844 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

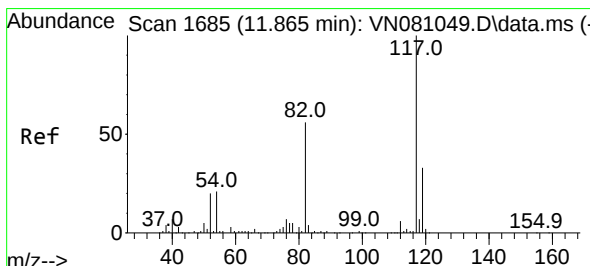
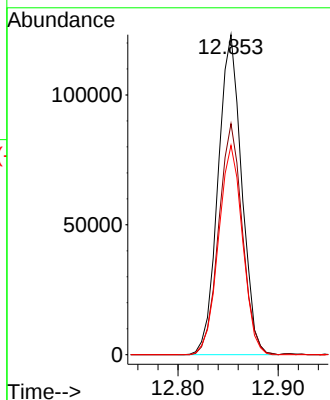
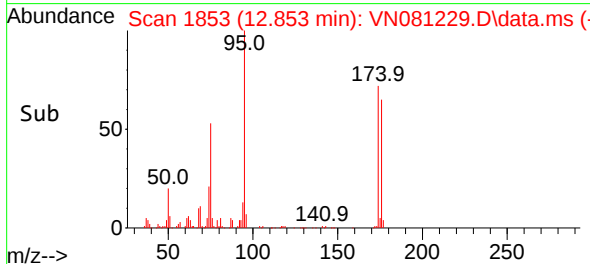
Instrument :
MSVOA_N
ClientSampleId :
RE114D2-20240222



Tgt Ion: 95 Resp: 201070
Ion Ratio Lower Upper
95 100
174 72.3 0.0 120.4
176 66.6 0.0 121.0

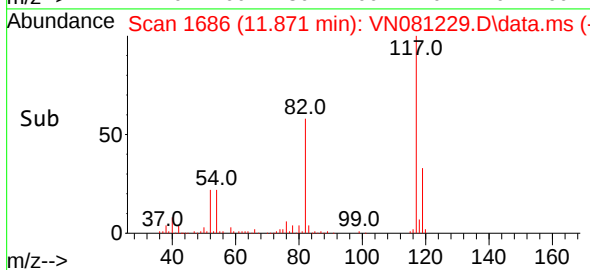
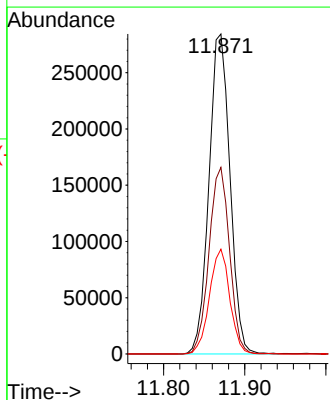
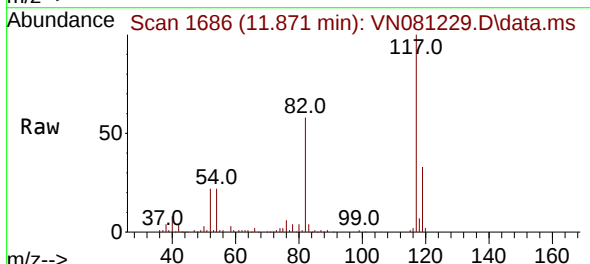
Manual Integrations
APPROVED

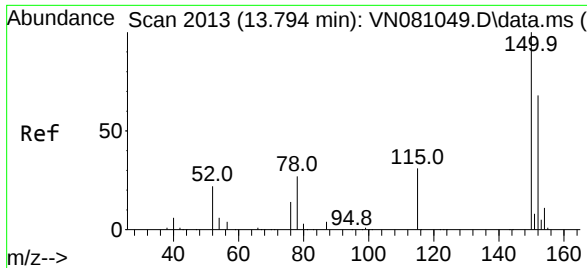
Reviewed By :John Carlone 02/28/2024
Supervised By :Semsettin Yesilyurt 02/28/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081229.D
Acq: 27 Feb 2024 19:12

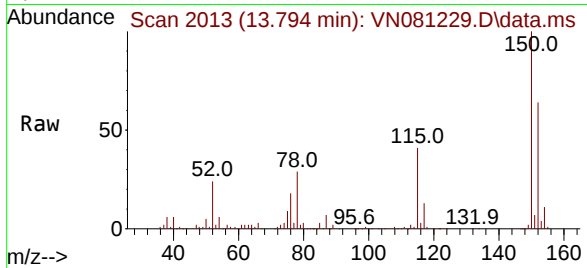
Tgt Ion:117 Resp: 511721
Ion Ratio Lower Upper
117 100
82 58.3 52.7 79.1
119 32.8 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081229.D
 Acq: 27 Feb 2024 19:12

Instrument :
 MSVOA_N
 ClientSampleId :
 RE114D2-20240222



Tgt Ion:152 Resp: 19992
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.3 96.8
 150 158.7 0.0 339.8

Manual Integrations
 APPROVED

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

