

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022024\
 Data File : VN081104.D
 Acq On : 20 Feb 2024 17:28
 Operator : JC\MD
 Sample : P1524-09MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20240768-AMENDED-COMP-39N-N-3-03MS

Quant Time: Feb 21 00:22:46 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 02/21/2024
 Supervised By : Mahesh Dadoda 02/21/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	341808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	640826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	567131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185413	44.255	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.520%		
35) Dibromofluoromethane	8.230	113	1110	0.306	ug/l	0.06
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.620%#		
50) Toluene-d8	10.571	98	528932	41.097	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	82.200%#		
62) 4-Bromofluorobenzene	12.847	95	204126	42.209	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	225212	50.949	ug/l	90
3) Chloromethane	2.359	50	220853	45.685	ug/l	100
4) Vinyl Chloride	2.512	62	246632	50.230	ug/l	92
5) Bromomethane	2.954	94	90747	26.021	ug/l	93
6) Chloroethane	3.118	64	164605	51.883	ug/l	99
7) Trichlorofluoromethane	3.495	101	359153	50.069	ug/l	96
8) Diethyl Ether	3.959	74	139586	53.226	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	196663	49.181	ug/l	90
10) Methyl Iodide	4.583	142	115612	25.902	ug/l	98
11) Tert butyl alcohol	5.524	59	294955	382.816	ug/l	99
12) 1,1-Dichloroethene	4.342	96	287772	74.448	ug/l	89
13) Acrolein	4.171	56	2815m	6.817	ug/l	
14) Allyl chloride	5.024	41	149367	26.043	ug/l #	94
15) Acrylonitrile	5.718	53	475780	236.441	ug/l	99
16) Acetone	4.424	43	397570	241.168	ug/l	97
17) Carbon Disulfide	4.712	76	295527	27.411	ug/l #	95
18) Methyl Acetate	5.024	43	1655m	0.412	ug/l	
19) Methyl tert-butyl Ether	5.800	73	718435	54.267	ug/l	95
20) Methylene Chloride	5.271	84	242579	57.011	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	212762	49.335	ug/l	94
22) Diisopropyl ether	6.677	45	667223	51.284	ug/l #	95
23) Vinyl Acetate	6.671	43	351196	33.271	ug/l #	77
24) 1,1-Dichloroethane	6.571	63	403315	53.613	ug/l	99
25) 2-Butanone	7.483	43	692074	259.863	ug/l	93
26) 2,2-Dichloropropane	7.489	77	335508	47.599	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	258266	51.544	ug/l	88
28) Bromochloromethane	7.812	49	173611	55.668	ug/l #	68
29) Tetrahydrofuran	7.836	42	506250	284.757	ug/l #	87
30) Chloroform	7.971	83	424478	53.078	ug/l	94
31) Cyclohexane	8.259	56	325595	45.008	ug/l #	80
32) 1,1,1-Trichloroethane	8.171	97	371141	50.957	ug/l	95
36) 1,1-Dichloropropene	8.371	75	295967	47.674	ug/l	96
37) Ethyl Acetate	7.483	43	692074	123.521	ug/l #	33
38) Carbon Tetrachloride	8.365	117	279601	44.516	ug/l	94
39) Methylcyclohexane	9.600	83	340468	47.046	ug/l	88
40) Benzene	8.606	78	930833	51.801	ug/l	96

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 Supervised By :Mahesh Dadoda 02/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	171061	53.646	ug/l	95
42) 1,2-Dichloroethane	8.671	62	319576	50.975	ug/l	98
43) Isopropyl Acetate	8.659	43	39423	4.023	ug/l #	1
44) Trichloroethene	9.353	130	427848	89.395	ug/l	99
45) 1,2-Dichloropropane	9.624	63	229367	51.028	ug/l	100
46) Dibromomethane	9.712	93	171018	52.218	ug/l	90
47) Bromodichloromethane	9.888	83	250211	40.338	ug/l #	95
48) Methyl methacrylate	9.606	41	270139	59.246	ug/l #	58
49) 1,4-Dioxane	9.700	88	100530	1206.370	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	1569957	278.512	ug/l	94
52) Toluene	10.635	92	568699	49.991	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	241588	35.049	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	139344	18.711	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	105028	24.004	ug/l	95
57) 1,3-Dichloropropane	11.165	76	396517	52.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	809146	241.162	ug/l #	86
59) 2-Hexanone	11.200	43	1140951	255.304	ug/l	94
60) Dibromochloromethane	11.359	129	201748	43.404	ug/l	97
61) 1,2-Dibromoethane	11.471	107	232970	50.634	ug/l	98
64) Tetrachloroethene	11.106	164	313546	81.005	ug/l	92
65) Chlorobenzene	11.894	112	604776	49.271	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	198927	45.122	ug/l	97
67) Ethyl Benzene	11.965	91	1087543	49.515	ug/l	98
68) m/p-Xylenes	12.071	106	831253	98.737	ug/l	96
69) o-Xylene	12.400	106	410328	49.169	ug/l	95
70) Styrene	12.412	104	685228	51.817	ug/l	97
71) Bromoform	12.582	173	135571	48.469	ug/l #	97
73) Isopropylbenzene	12.700	105	1047784	44.567	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.994	83	8584	1.298	ug/l #	90
76) 1,2,3-Trichloropropane	12.994	75	272751m	44.675	ug/l	
77) Bromobenzene	12.982	156	244226	46.589	ug/l	71
78) n-propylbenzene	13.035	91	1231848	45.515	ug/l	95
79) 2-Chlorotoluene	13.129	91	747096	45.004	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	892568	46.825	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	8585m	3.619	ug/l	
82) 4-Chlorotoluene	13.223	91	734952	45.278	ug/l	94
83) tert-Butylbenzene	13.441	119	753474	45.714	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	899321	47.346	ug/l	96
85) sec-Butylbenzene	13.618	105	1081054	47.179	ug/l	94
86) p-Isopropyltoluene	13.729	119	900152	47.295	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	469624	47.414	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	469247	48.214	ug/l	97
89) n-Butylbenzene	14.059	91	791172	47.715	ug/l	97
90) Hexachloroethane	14.335	117	139272	44.270	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	464646	48.639	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35584	25.889	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	268456	50.372	ug/l	98
94) Hexachlorobutadiene	15.506	225	92437	46.506	ug/l	97
95) Naphthalene	15.641	128	1030223	52.751	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	268890	50.859	ug/l	98

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

Instrument :

MSVOA_N

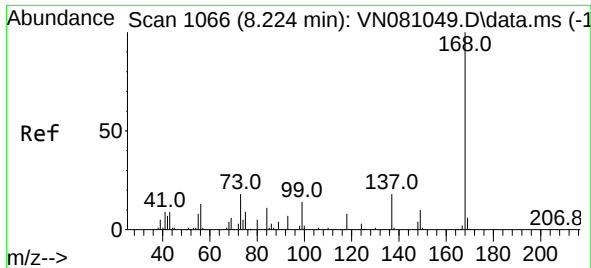
ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Manual Integrations**APPROVED**

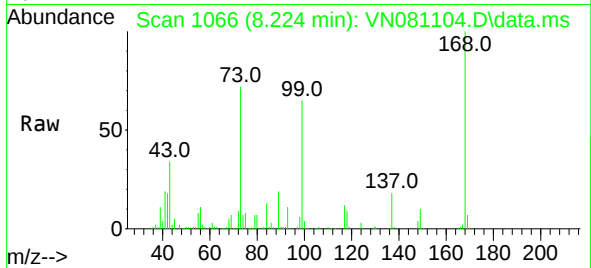
Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

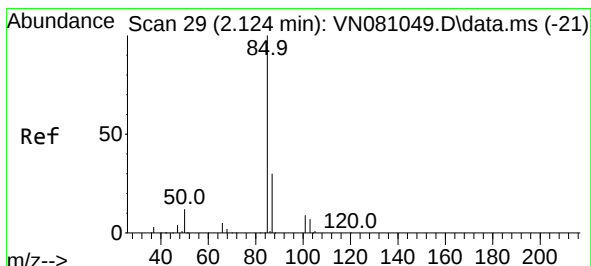
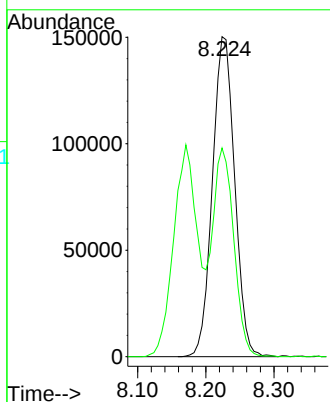
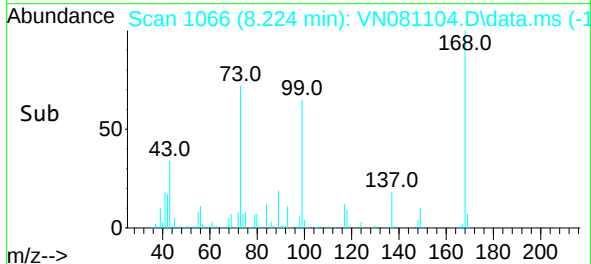
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:168 Resp: 341808
Ion Ratio Lower Upper
168 100
99 65.2 59.9 89.9

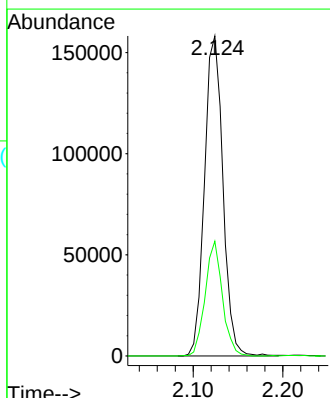
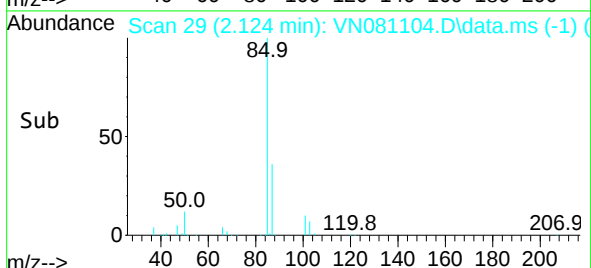
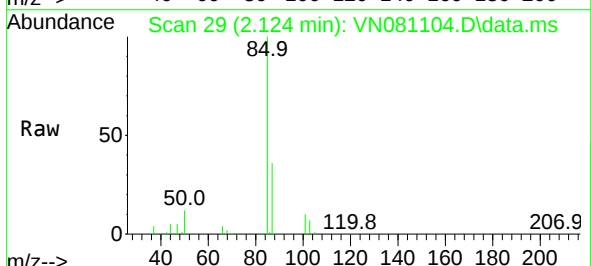
Manual Integrations
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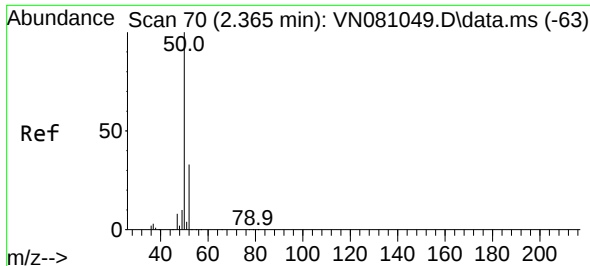
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#2
Dichlorodifluoromethane
Concen: 50.949 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

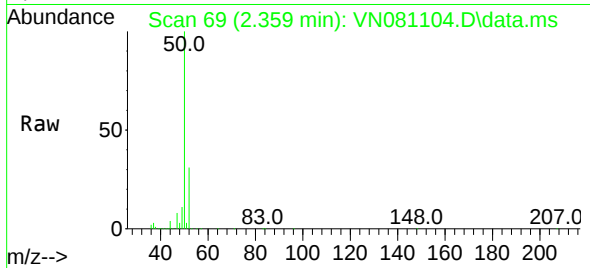
Tgt Ion: 85 Resp: 225212
Ion Ratio Lower Upper
85 100
87 35.8 15.3 45.9





#3
Chloromethane
Concen: 45.685 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

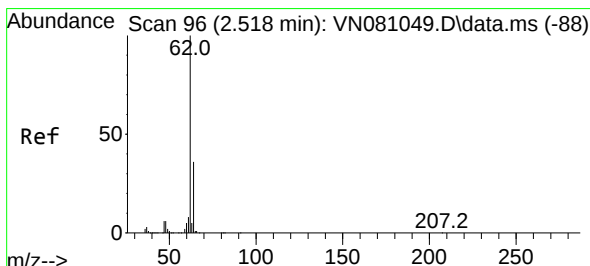
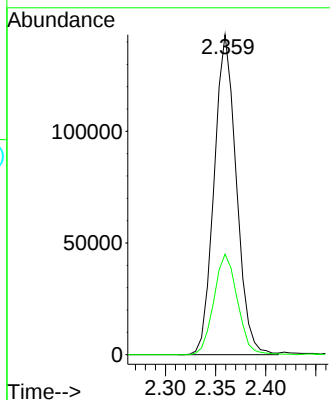
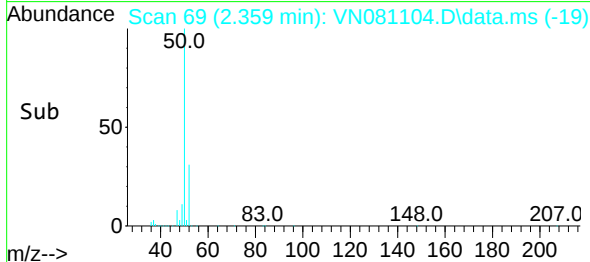
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 50 Resp: 22085
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4

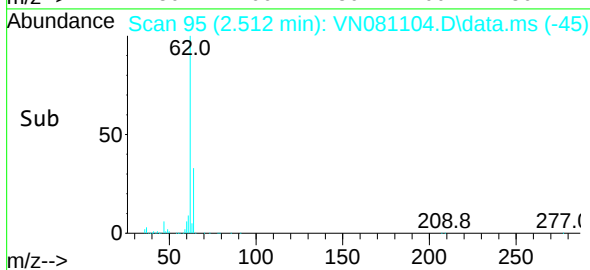
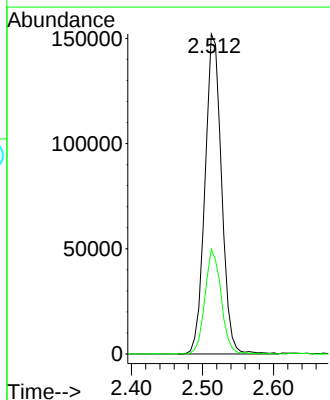
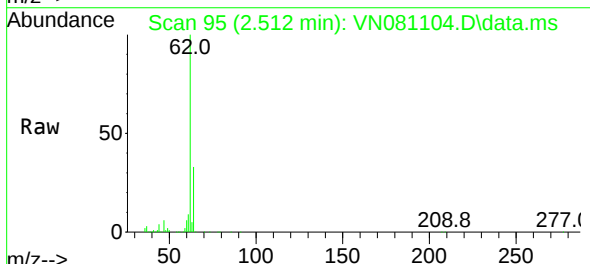
Manual Integrations
APPROVED

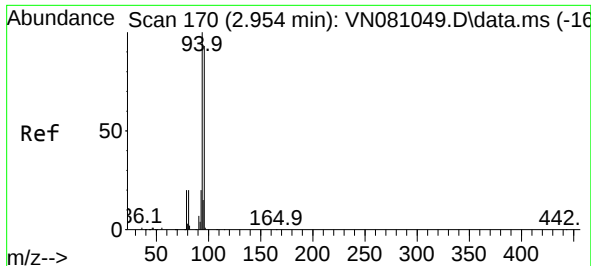
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#4
Vinyl Chloride
Concen: 50.230 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

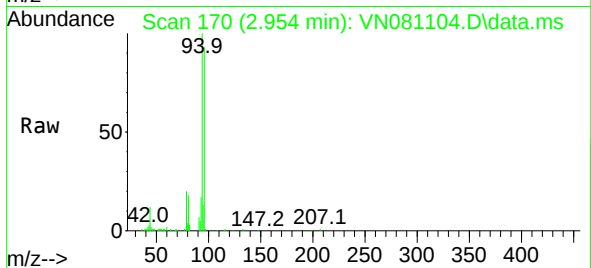
Tgt Ion: 62 Resp: 246632
Ion Ratio Lower Upper
62 100
64 32.8 22.7 34.1





#5
Bromomethane
Concen: 26.021 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

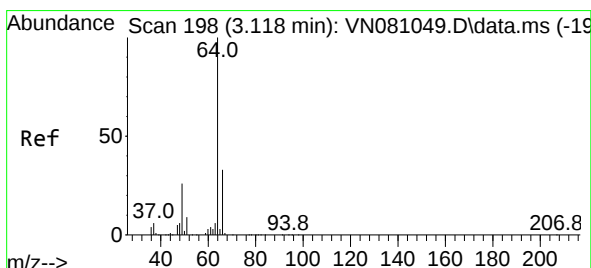
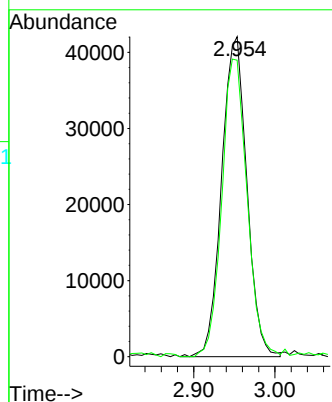
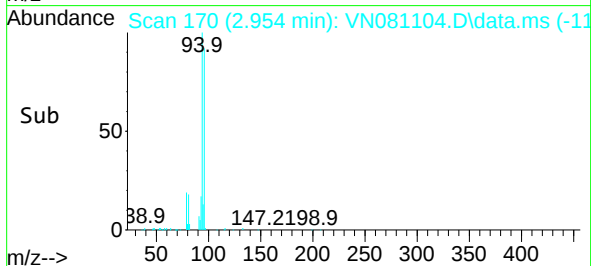
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 94 Resp: 9074
Ion Ratio Lower Upper
94 100
96 92.6 69.2 103.8

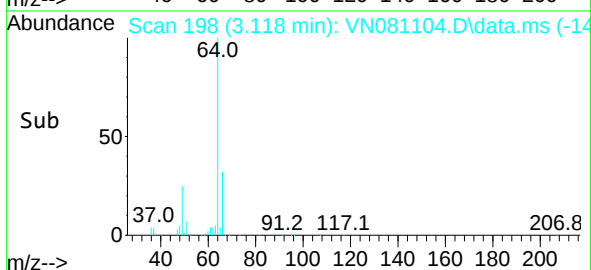
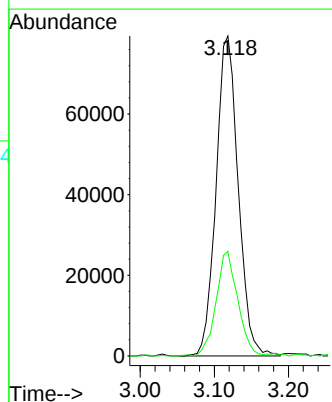
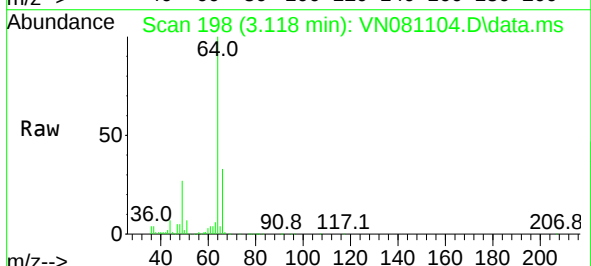
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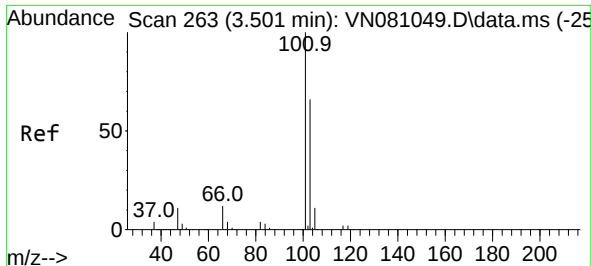
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#6
Chloroethane
Concen: 51.883 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

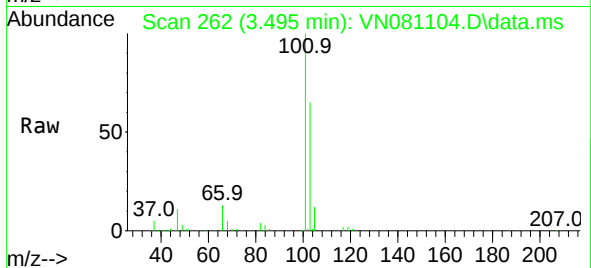
Tgt Ion: 64 Resp: 164605
Ion Ratio Lower Upper
64 100
66 32.6 26.4 39.6





#7
Trichlorofluoromethane
Concen: 50.069 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

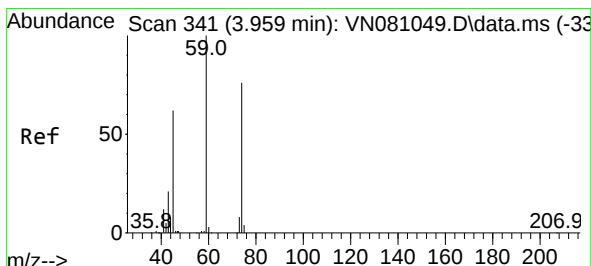
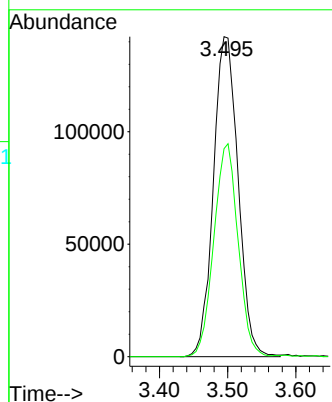
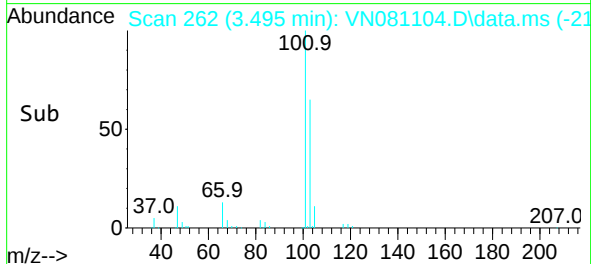
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Tgt Ion:101 Resp: 35915
Ion Ratio Lower Upper
101 100
103 65.0 54.4 81.6

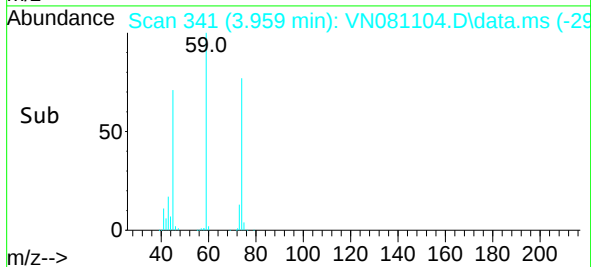
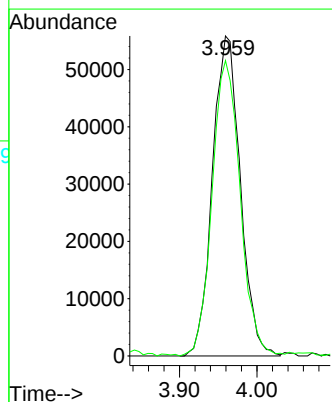
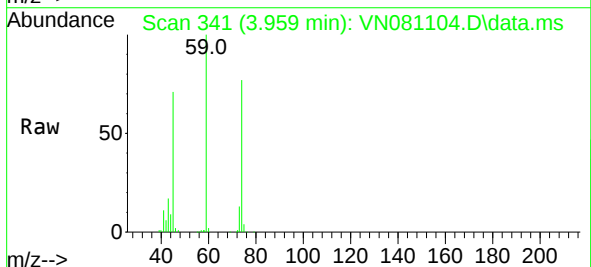
Manual Integrations
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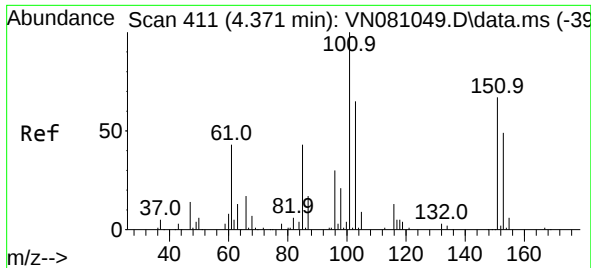
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#8
Diethyl Ether
Concen: 53.226 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

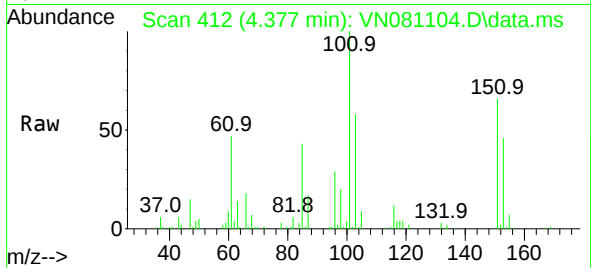
Tgt Ion: 74 Resp: 139586
Ion Ratio Lower Upper
74 100
45 93.1 53.3 159.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.181 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

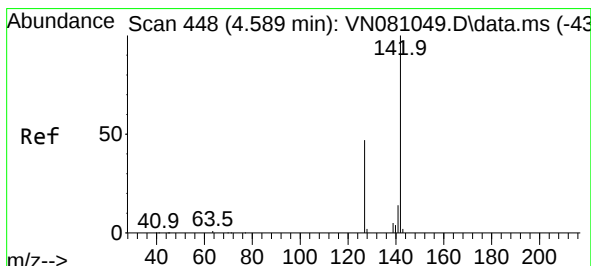
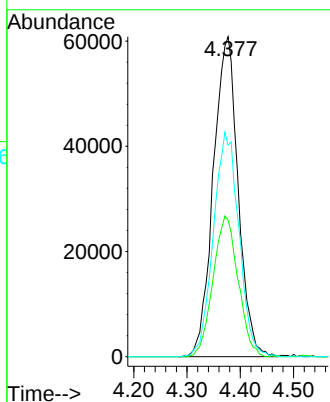
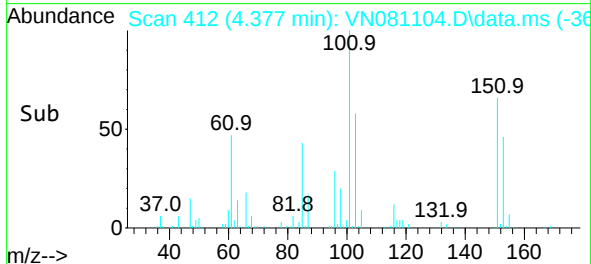
Instrument :
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Tgt Ion:101 Resp: 19666
Ion Ratio Lower Upper
101 100
85 44.3 38.1 57.1
151 72.4 49.1 73.7

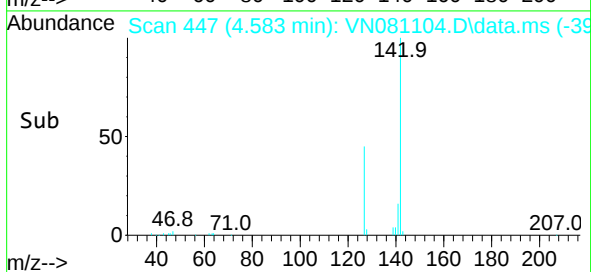
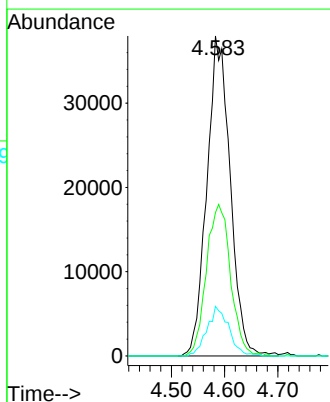
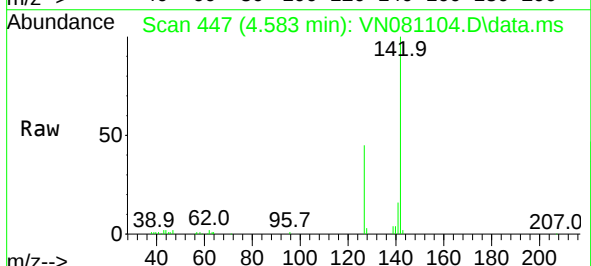
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#10
Methyl Iodide
Concen: 25.902 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

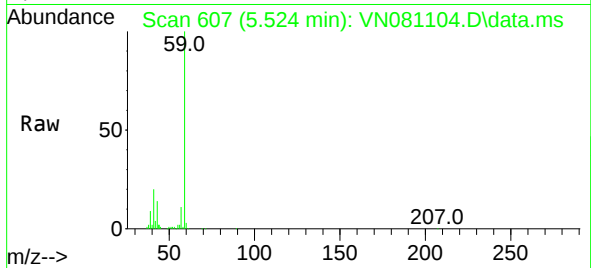
Tgt Ion:142 Resp: 115612
Ion Ratio Lower Upper
142 100
127 44.8 37.0 55.4
141 15.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 382.816 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

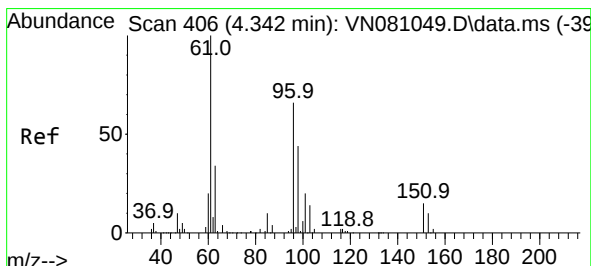
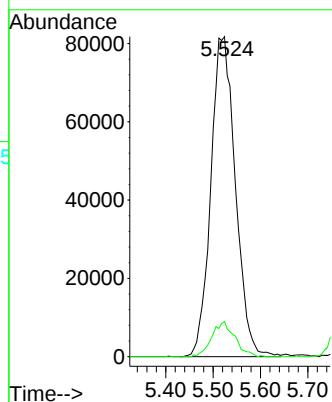
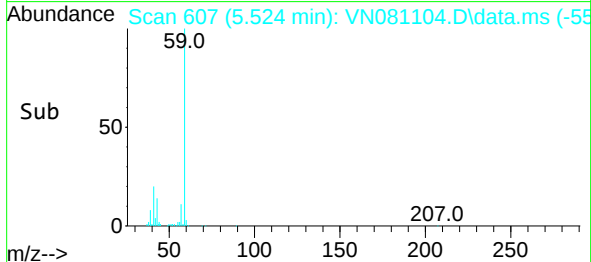
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 59 Resp: 294958
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

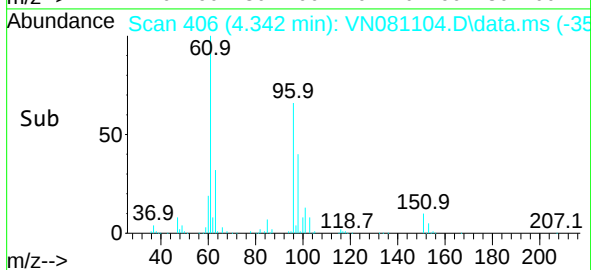
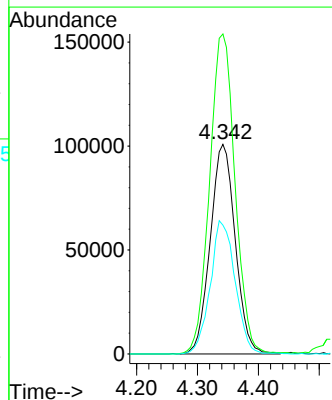
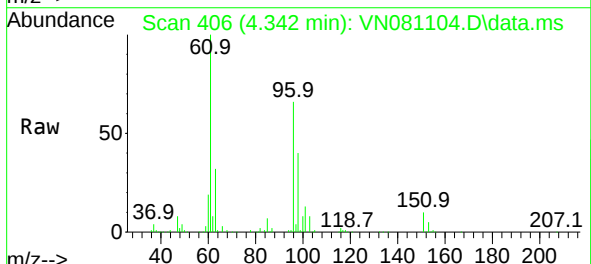
Manual Integrations
APPROVED

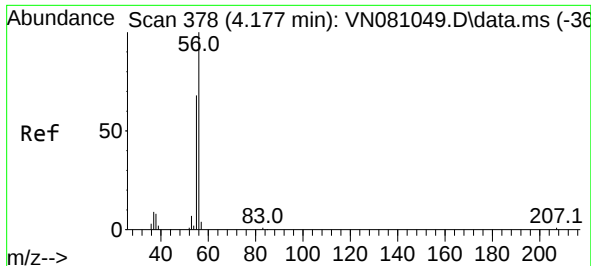
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#12
1,1-Dichloroethene
Concen: 74.448 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Tgt Ion: 96 Resp: 287772
Ion Ratio Lower Upper
96 100
61 152.4 138.2 207.4
98 61.5 49.2 73.8





#13

Acrolein

Concen: 6.817 ug/l m

RT: 4.171 min Scan# 378

Delta R.T. -0.006 min

Lab File: VN081104.D

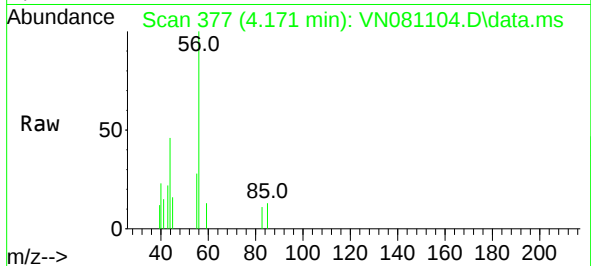
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 56 Resp: 281

Ion Ratio Lower Upper

56 100

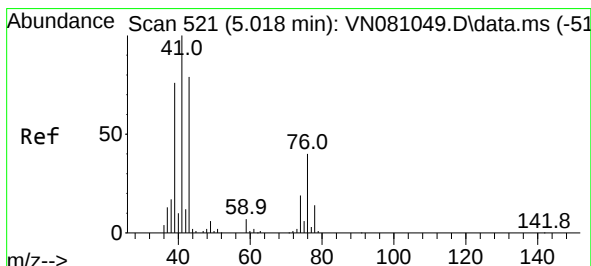
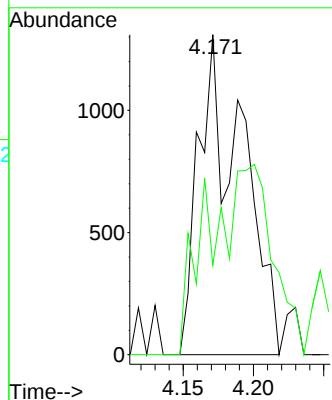
55 23.5 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#14

Allyl chloride

Concen: 26.043 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

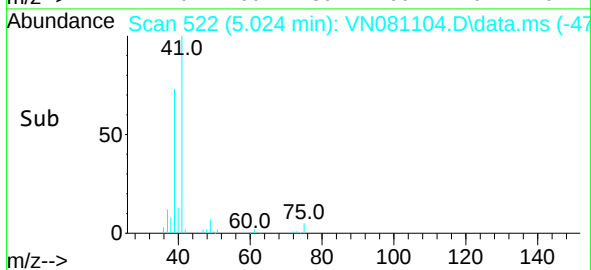
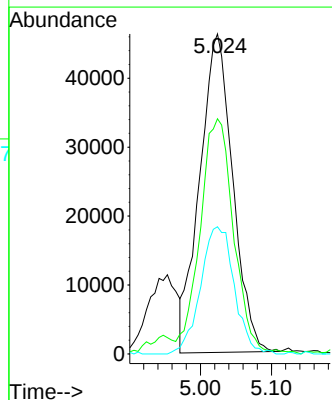
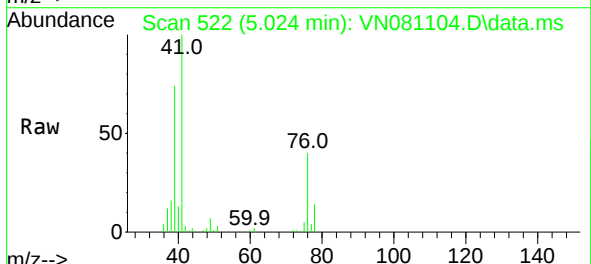
Tgt Ion: 41 Resp: 149367

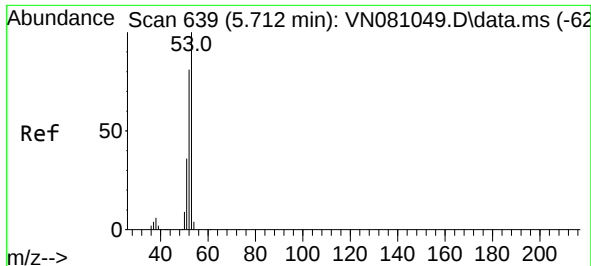
Ion Ratio Lower Upper

41 100

39 75.1 57.7 86.5

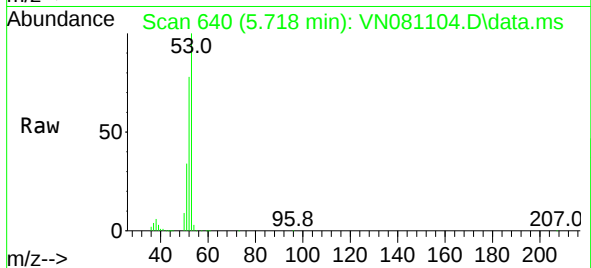
76 40.7 26.8 40.2





#15
Acrylonitrile
Concen: 236.441 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

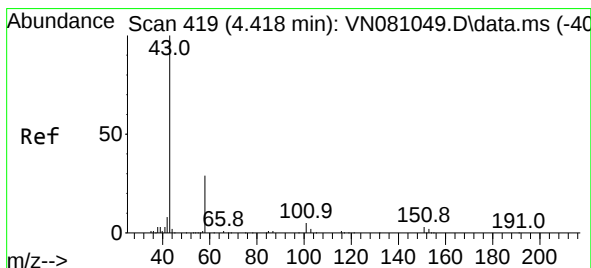
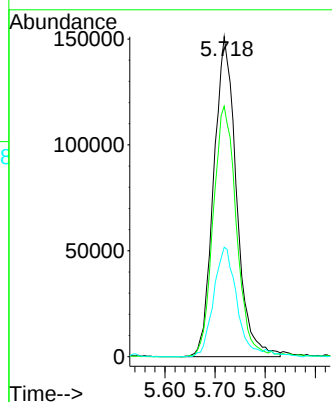
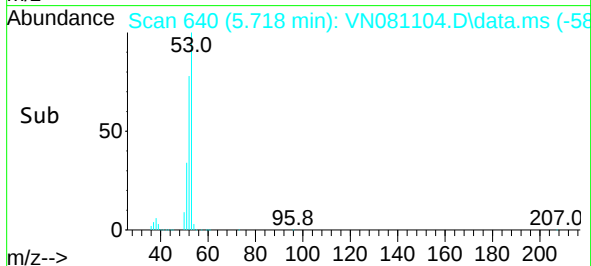
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 53 Resp: 475780
Ion Ratio Lower Upper
53 100
52 79.8 64.8 97.2
51 34.6 26.9 40.3

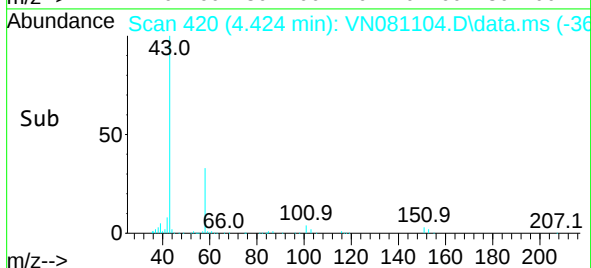
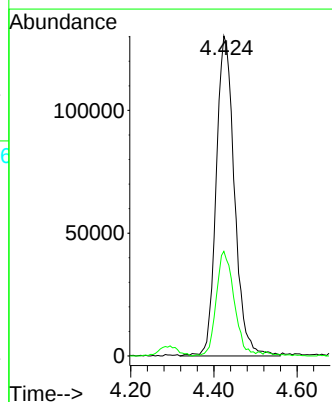
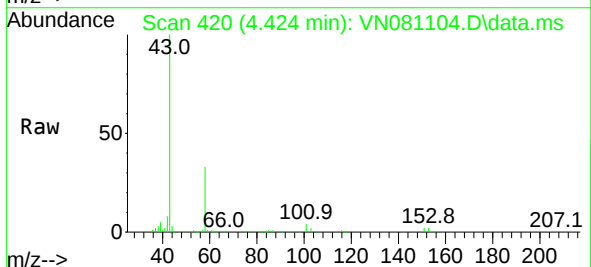
Manual Integrations
APPROVED

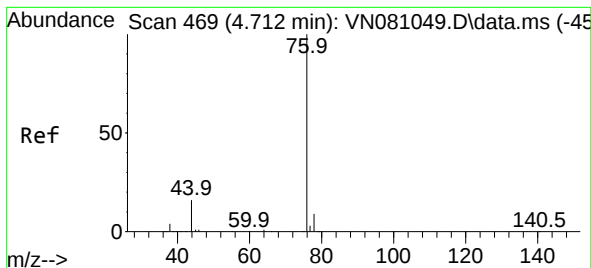
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#16
Acetone
Concen: 241.168 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Tgt Ion: 43 Resp: 397570
Ion Ratio Lower Upper
43 100
58 32.4 24.8 37.2





#17

Carbon Disulfide

Concen: 27.411 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN081104.D

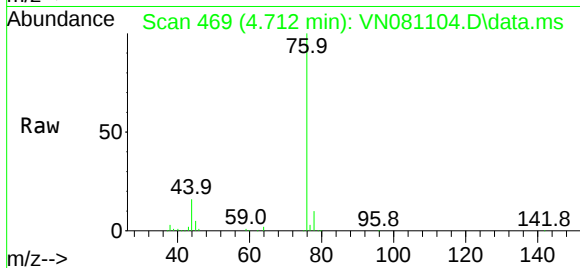
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 76 Resp: 29552

Ion Ratio Lower Upper

76 100

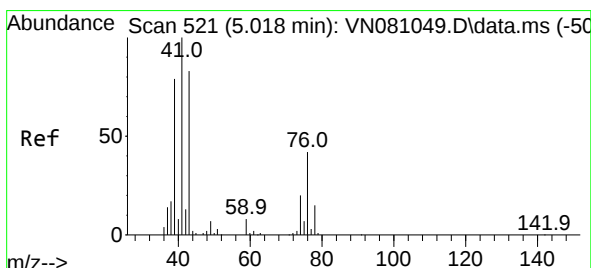
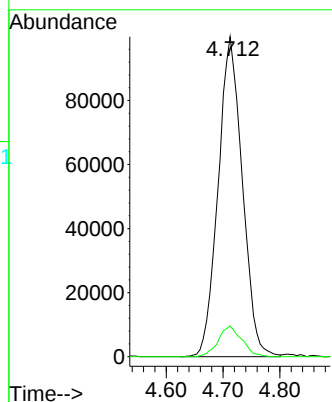
78 9.6 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#18

Methyl Acetate

Concen: 0.412 ug/l m

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081104.D

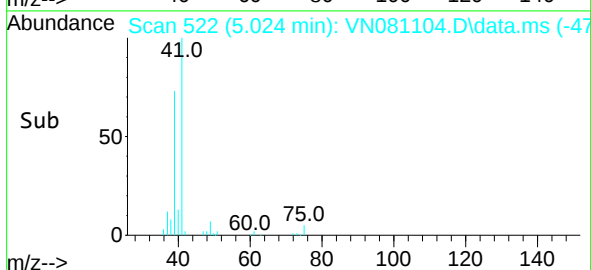
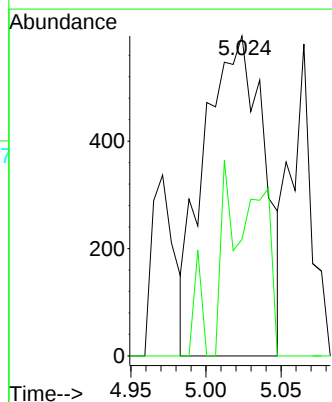
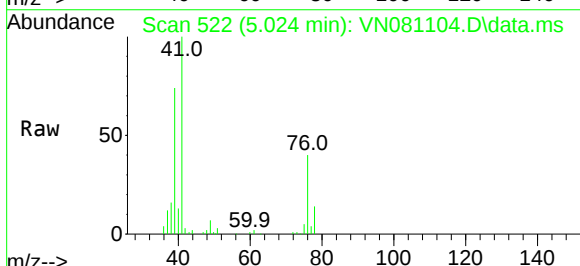
Acq: 20 Feb 2024 17:28

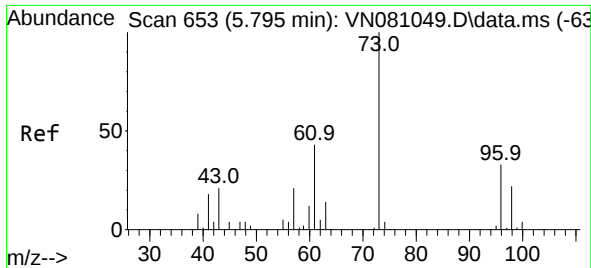
Tgt Ion: 43 Resp: 1655

Ion Ratio Lower Upper

43 100

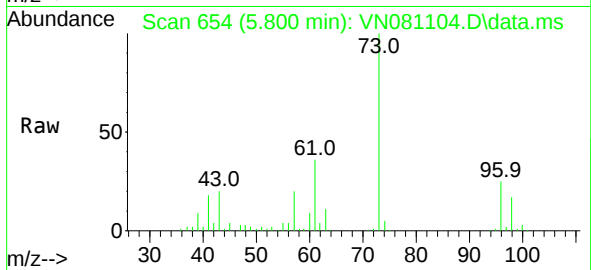
74 16.6 17.3 25.9





#19
Methyl tert-butyl Ether
Concen: 54.267 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

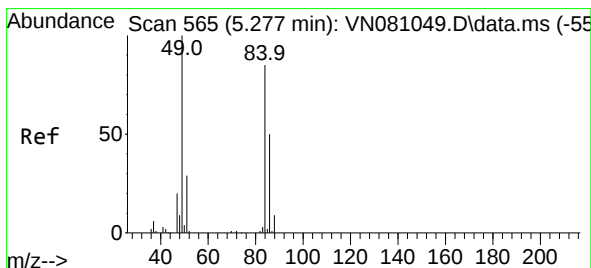
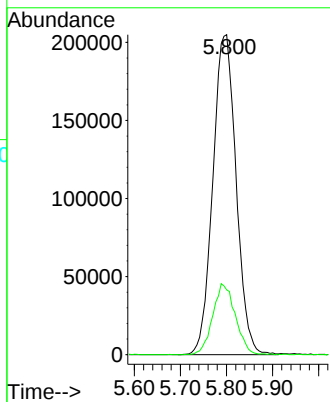
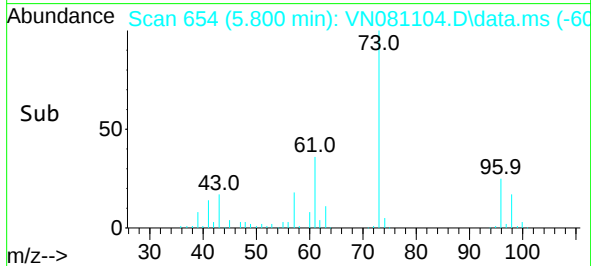
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 73 Resp: 71843
Ion Ratio Lower Upper
73 100
57 20.2 18.2 27.4

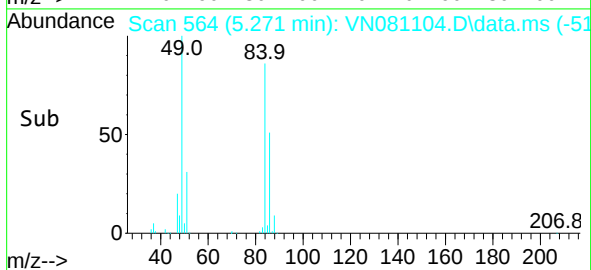
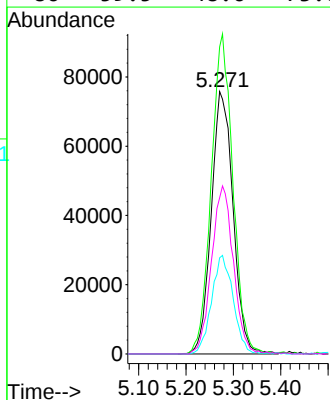
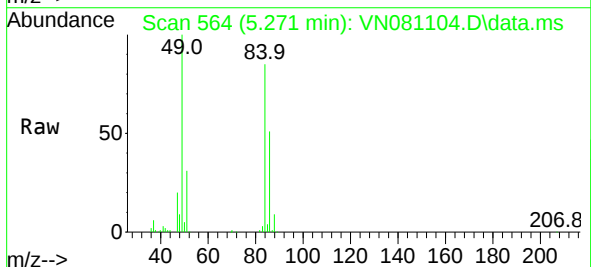
Manual Integrations
APPROVED

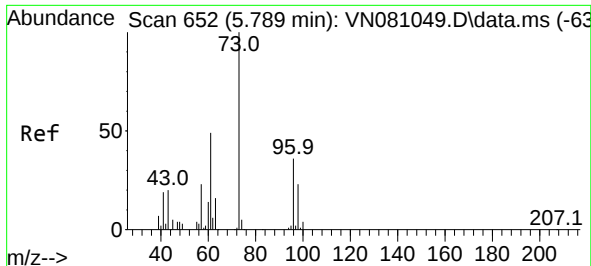
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#20
Methylene Chloride
Concen: 57.011 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

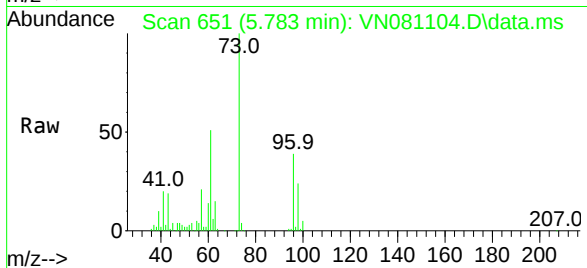
Tgt Ion: 84 Resp: 242579
Ion Ratio Lower Upper
84 100
49 117.0 108.1 162.1
51 36.6 32.9 49.3
86 59.5 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 49.335 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

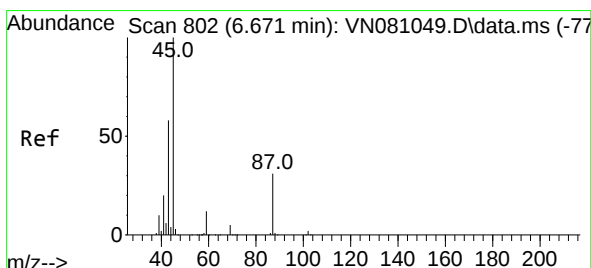
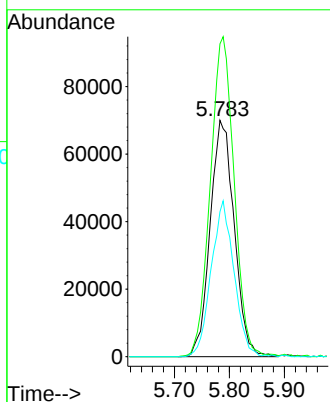
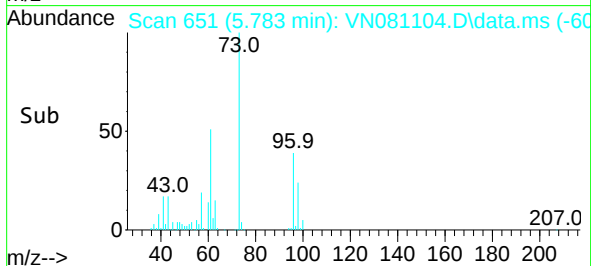
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 96 Resp: 212762
Ion Ratio Lower Upper
96 100
61 132.4 112.8 169.2
98 61.4 51.0 76.4

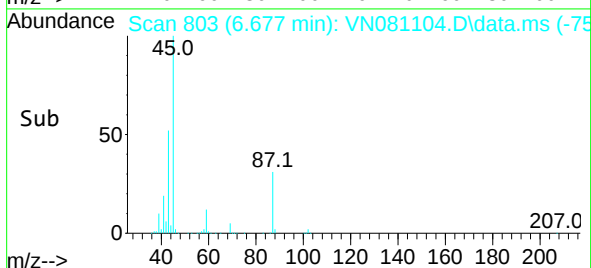
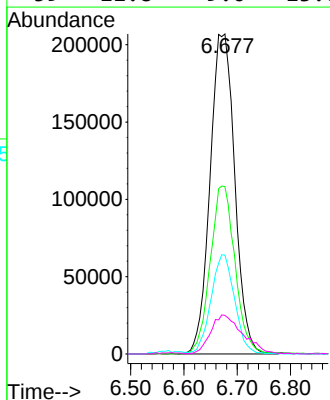
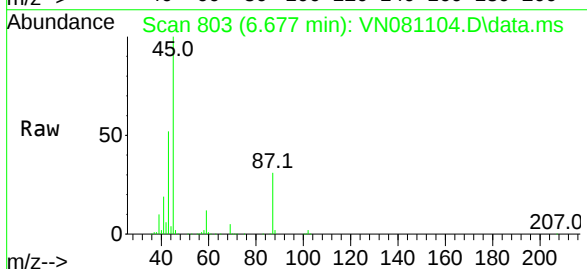
Manual Integrations
APPROVED

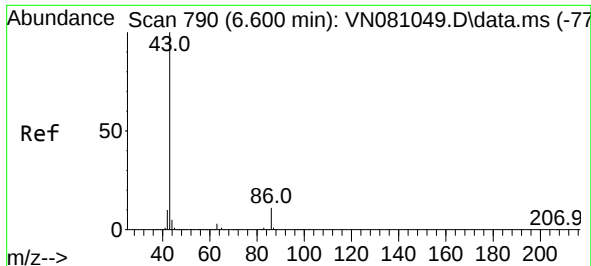
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#22
Diisopropyl ether
Concen: 51.284 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

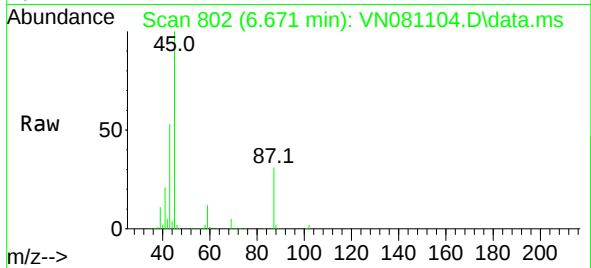
Tgt Ion: 45 Resp: 667223
Ion Ratio Lower Upper
45 100
43 52.2 41.8 62.8
87 30.9 18.1 27.1#
59 11.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 33.271 ug/l
 RT: 6.671 min Scan# 802
 Delta R.T. 0.071 min
 Lab File: VN081104.D
 Acq: 20 Feb 2024 17:28

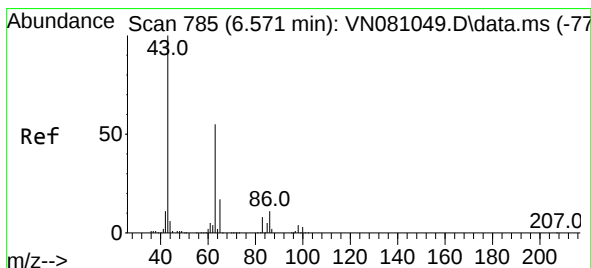
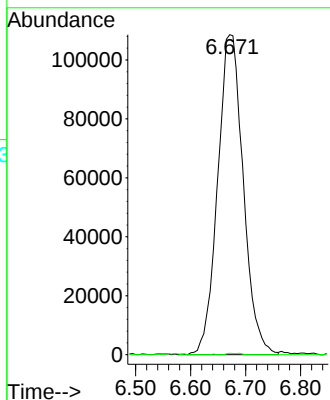
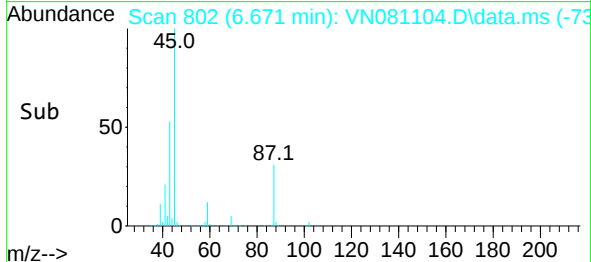
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



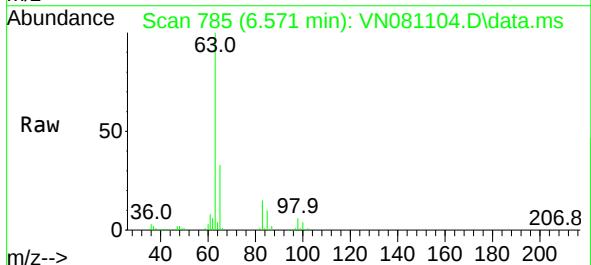
Tgt Ion: 43 Resp: 351190
 Ion Ratio Lower Upper
 43 100
 86 0.5 7.1 10.7

Manual Integrations
 APPROVED

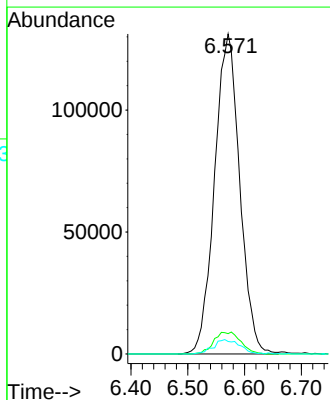
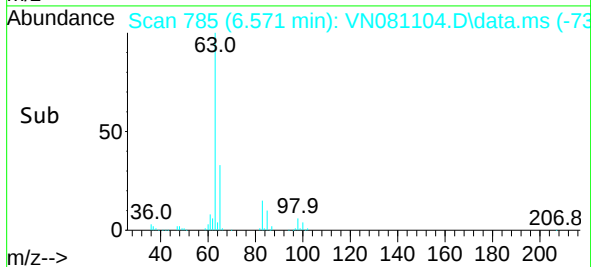
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

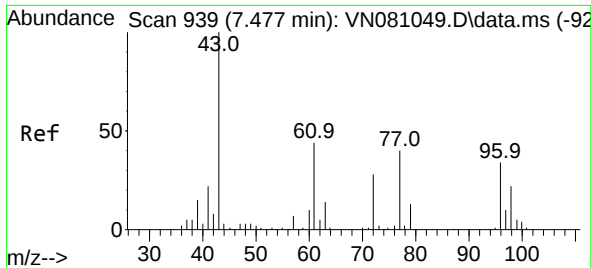


#24
 1,1-Dichloroethane
 Concen: 53.613 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081104.D
 Acq: 20 Feb 2024 17:28



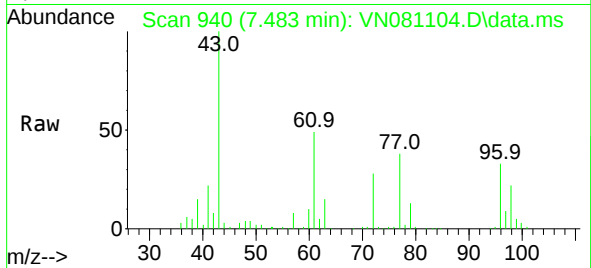
Tgt Ion: 63 Resp: 403315
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.6
 100 3.9 1.9 5.7





#25
2-Butanone
Concen: 259.863 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

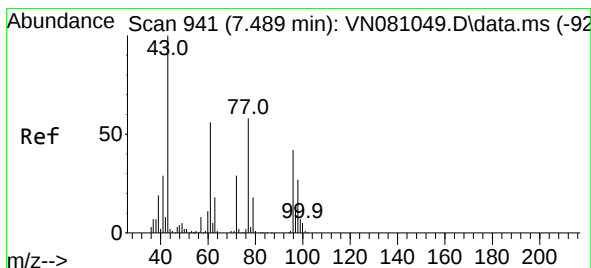
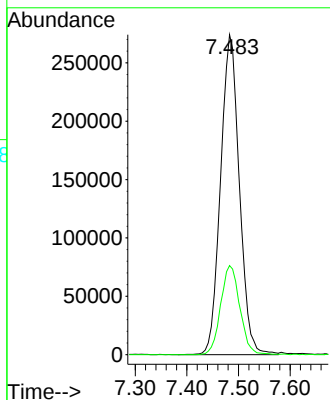
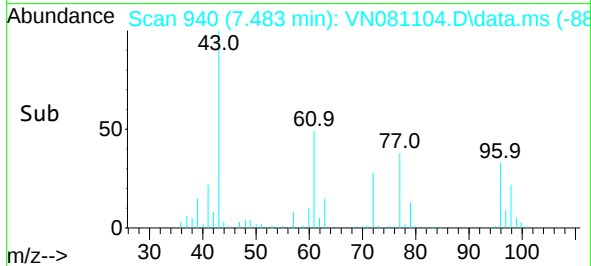
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



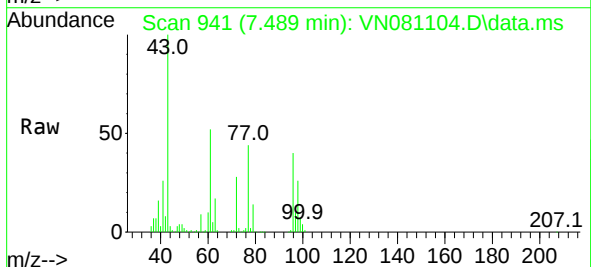
Tgt Ion: 43 Resp: 692074
Ion Ratio Lower Upper
43 100
72 27.8 19.5 29.3

Manual Integrations
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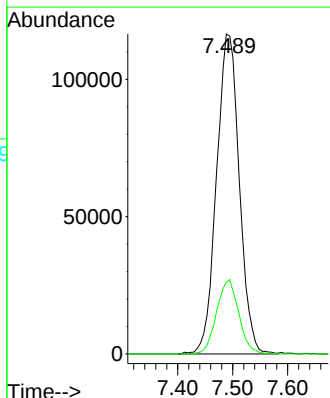
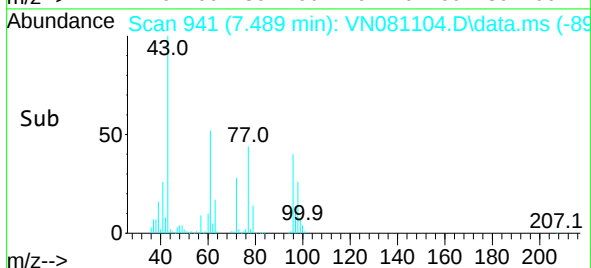
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

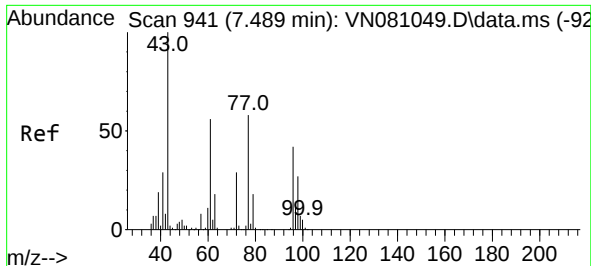


#26
2,2-Dichloropropane
Concen: 47.599 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



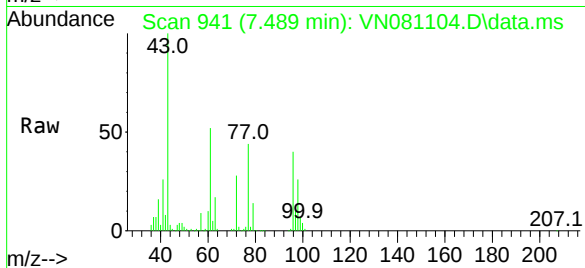
Tgt Ion: 77 Resp: 335508
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 51.544 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

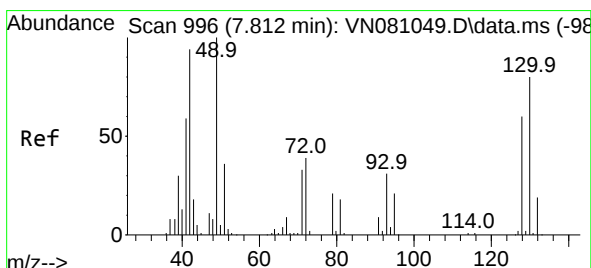
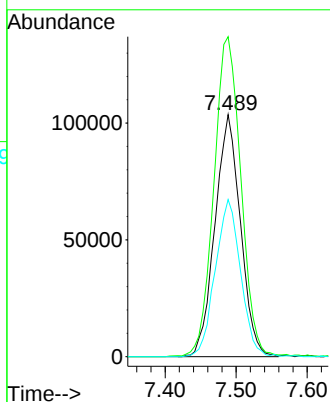
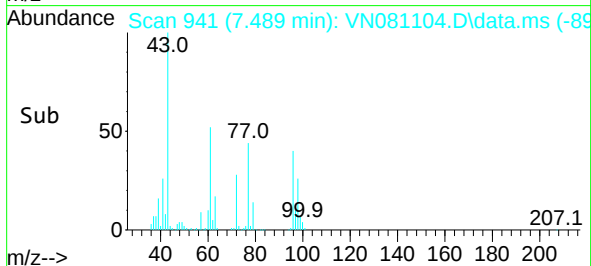
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 96 Resp: 258260
Ion Ratio Lower Upper
96 100
61 140.4 0.0 325.4
98 64.5 0.0 130.4

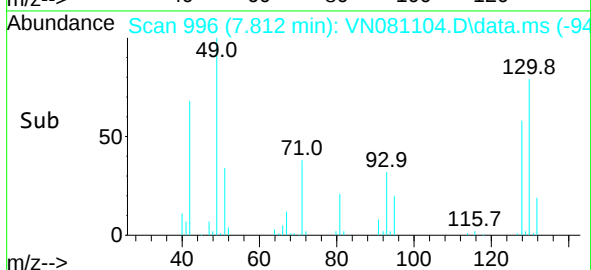
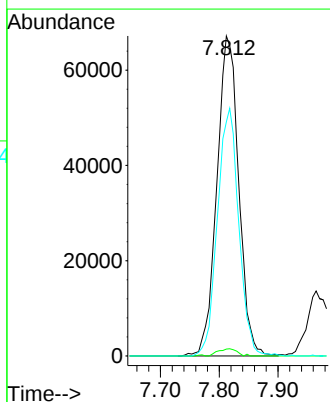
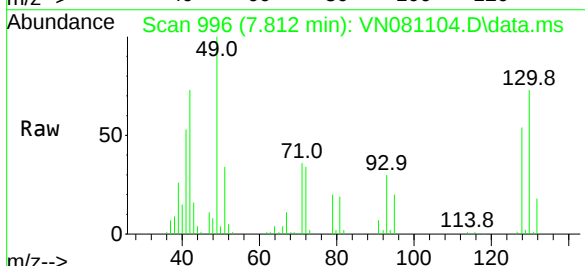
Manual Integrations
APPROVED

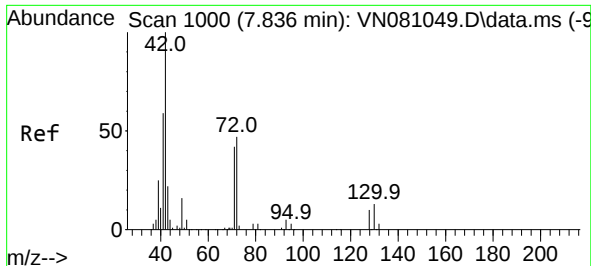
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#28
Bromochloromethane
Concen: 55.668 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

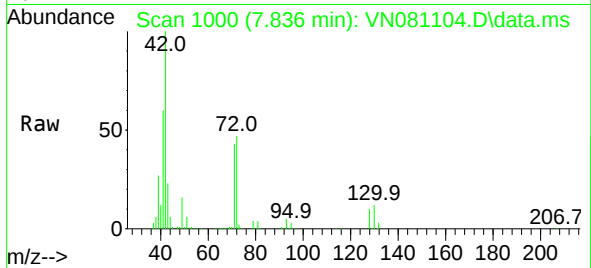
Tgt Ion: 49 Resp: 173611
Ion Ratio Lower Upper
49 100
129 2.0 0.0 1.6#
130 75.6 42.3 63.5#





#29
Tetrahydrofuran
Concen: 284.757 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

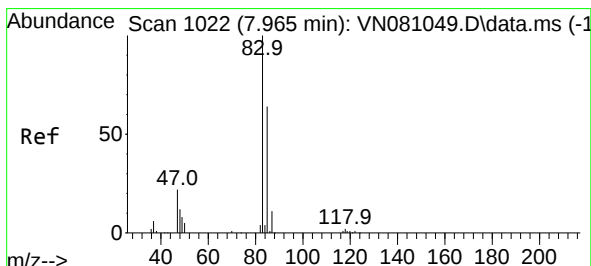
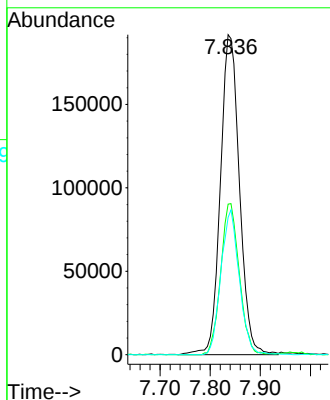
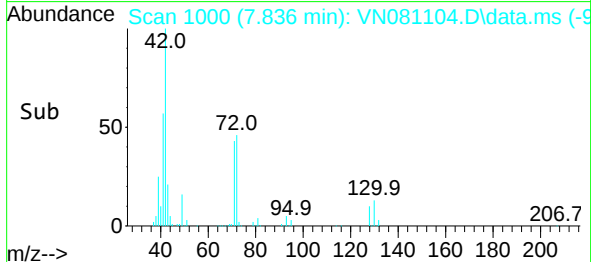
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



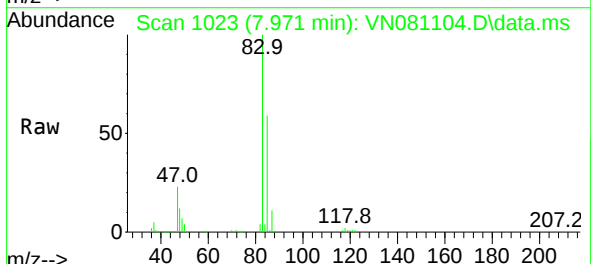
Tgt Ion: 42 Resp: 506250
Ion Ratio Lower Upper
42 100
72 46.0 31.1 46.7
71 43.6 28.3 42.5

Manual Integrations
APPROVED

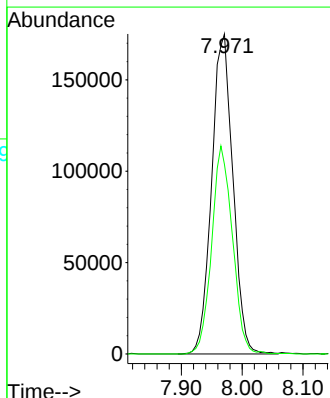
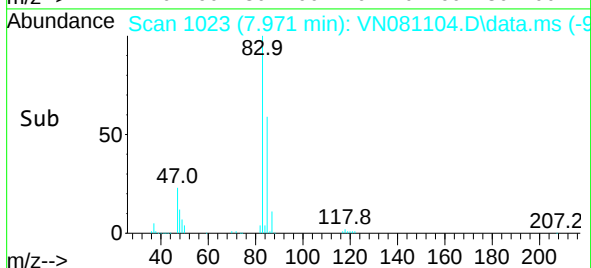
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

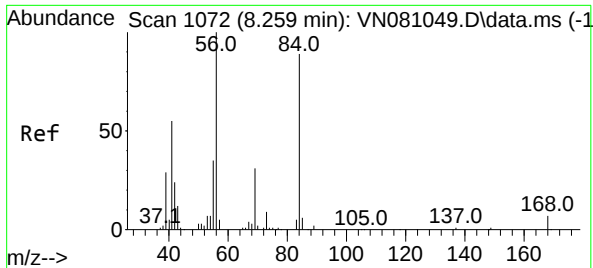


#30
Chloroform
Concen: 53.078 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



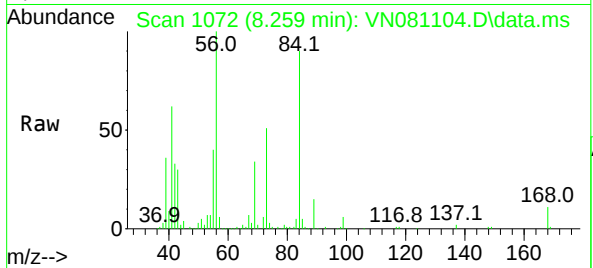
Tgt Ion: 83 Resp: 424478
Ion Ratio Lower Upper
83 100
85 59.3 51.0 76.6





#31
Cyclohexane
Concen: 45.008 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

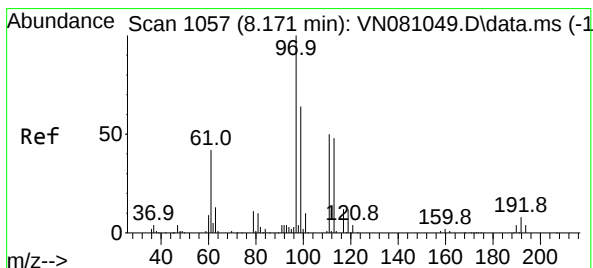
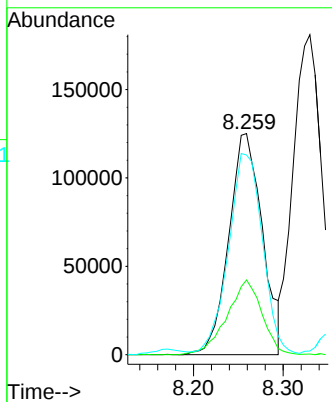
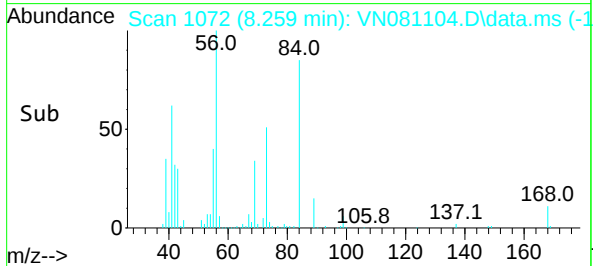
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



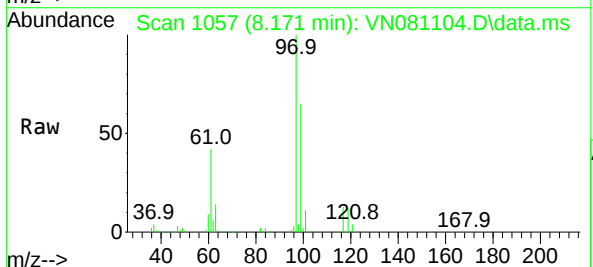
Tgt Ion: 56 Resp: 32559
Ion Ratio Lower Upper
56 100
69 33.8 20.1 30.1
84 88.5 56.9 85.3

Manual Integrations
APPROVED

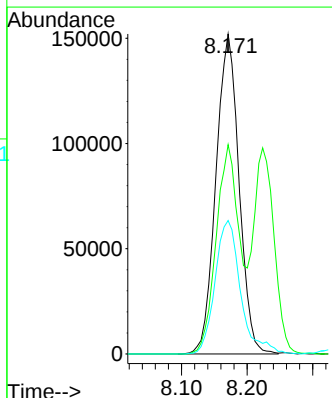
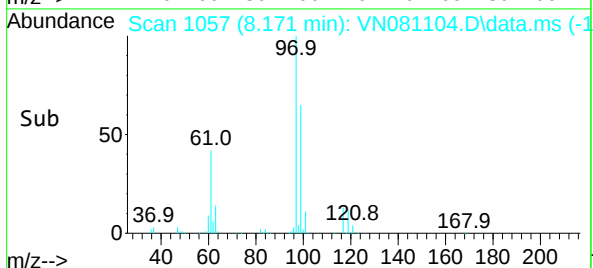
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

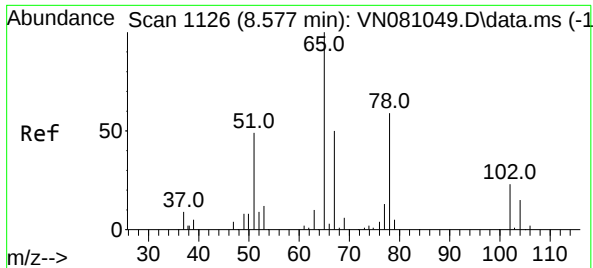


#32
1,1,1-Trichloroethane
Concen: 50.957 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



Tgt Ion: 97 Resp: 371141
Ion Ratio Lower Upper
97 100
99 66.5 53.4 80.0
61 46.3 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 44.255 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion: 65 Resp: 18541

Ion Ratio Lower Upper

65 100

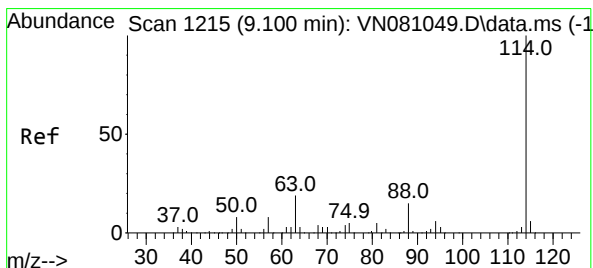
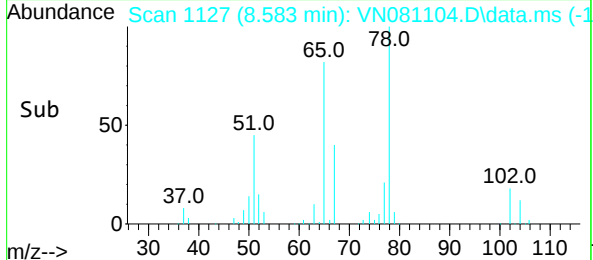
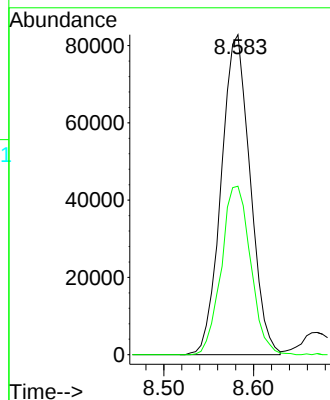
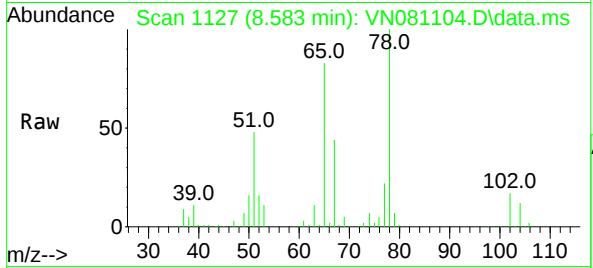
67 53.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

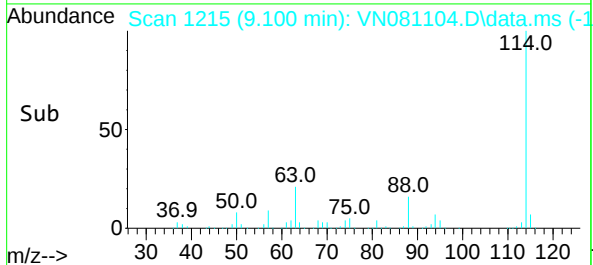
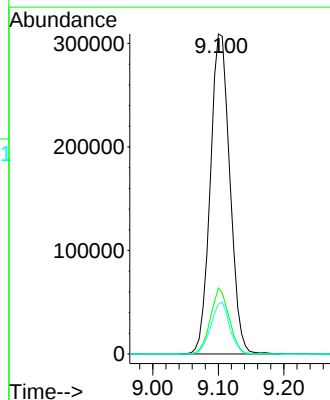
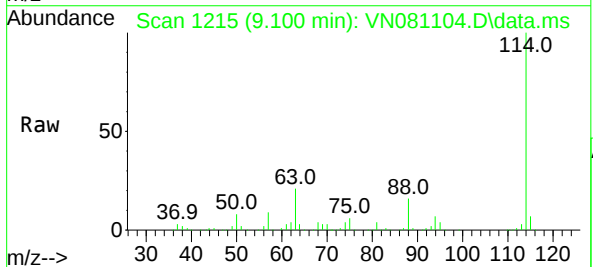
Tgt Ion:114 Resp: 640826

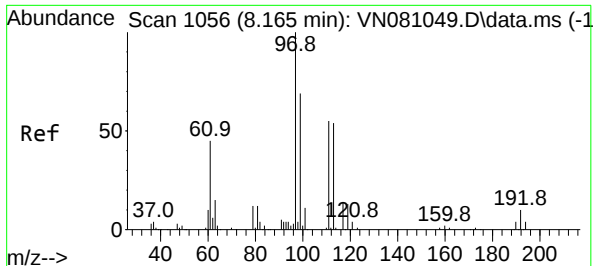
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

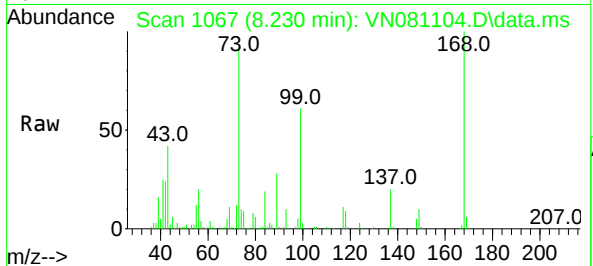
88 15.6 0.0 34.8





#35
Dibromofluoromethane
Concen: 0.306 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.065 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

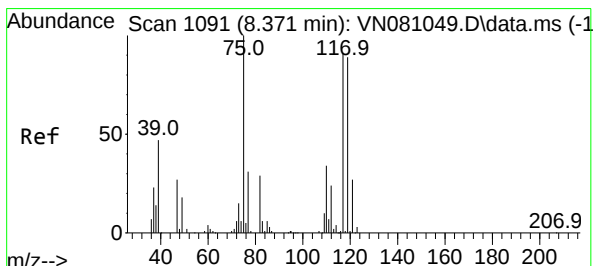
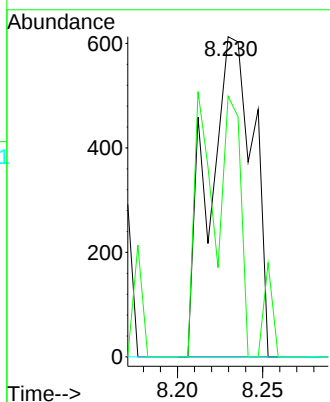
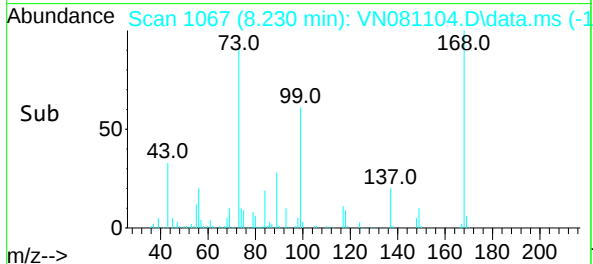
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



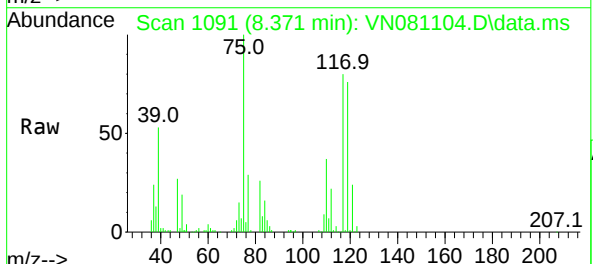
Tgt Ion: 113 Resp: 1110
Ion Ratio Lower Upper
113 100
111 0.0 82.2 123.4
192 0.0 12.5 18.7

Manual Integrations
APPROVED

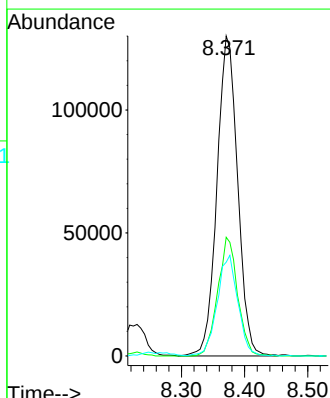
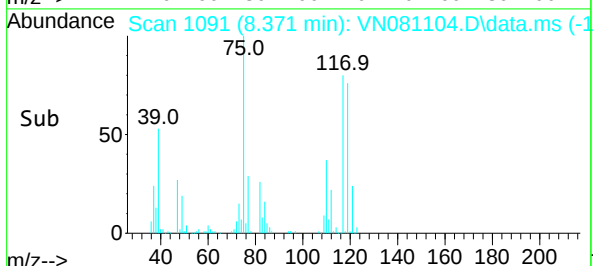
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

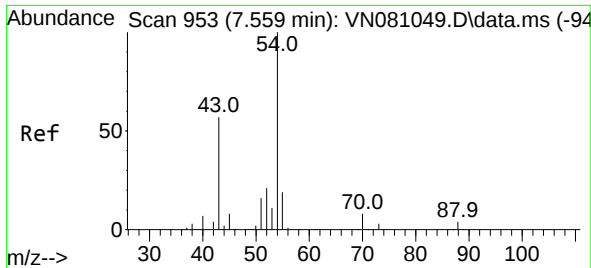


#36
1,1-Dichloropropene
Concen: 47.674 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



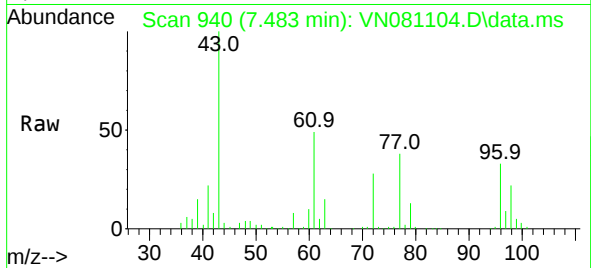
Tgt Ion: 75 Resp: 295967
Ion Ratio Lower Upper
75 100
110 35.8 16.0 48.0
77 31.5 25.8 38.6





#37
Ethyl Acetate
Concen: 123.521 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.076 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

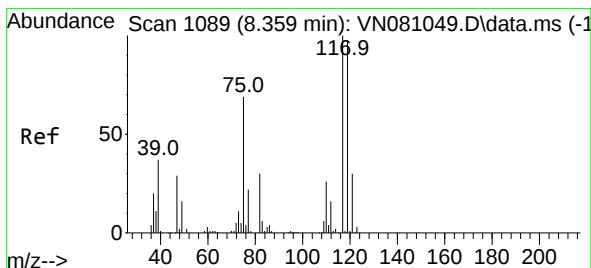
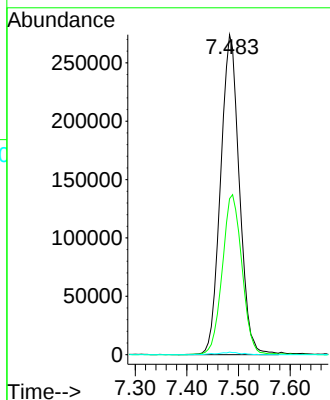
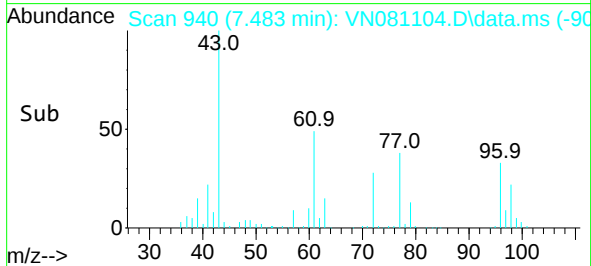
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 43 Resp: 692074
Ion Ratio Lower Upper
43 100
61 52.4 10.6 15.8
70 0.8 8.0 12.0

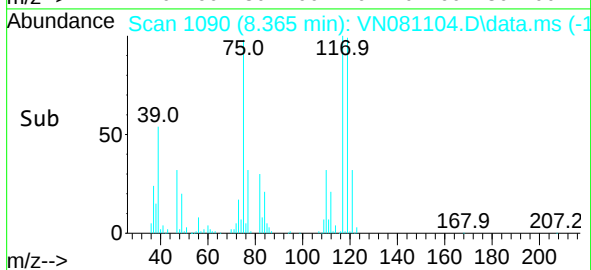
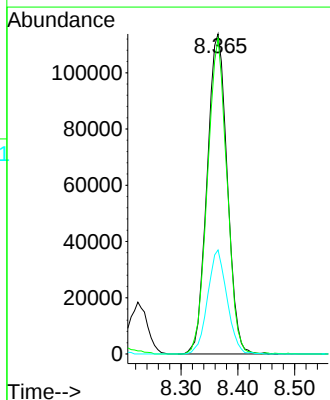
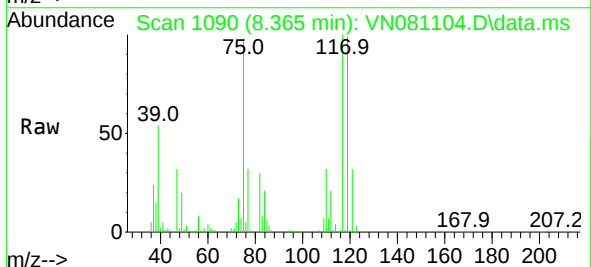
Manual Integrations
APPROVED

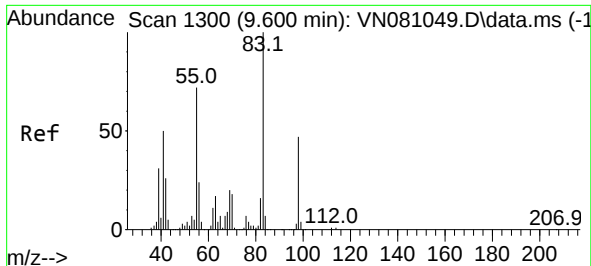
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#38
Carbon Tetrachloride
Concen: 44.516 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Tgt Ion:117 Resp: 279601
Ion Ratio Lower Upper
117 100
119 98.6 73.4 110.2
121 32.5 24.4 36.6





#39

Methylcyclohexane

Concen: 47.046 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081104.D

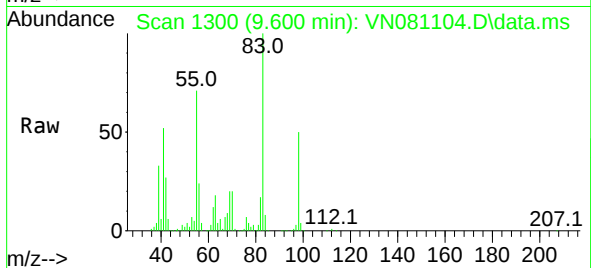
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



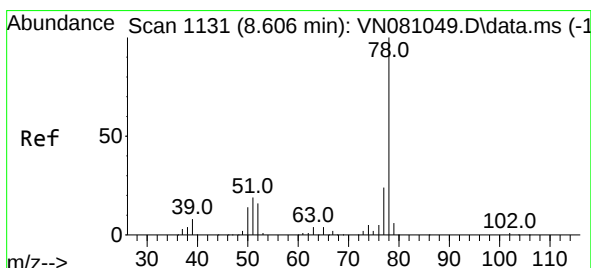
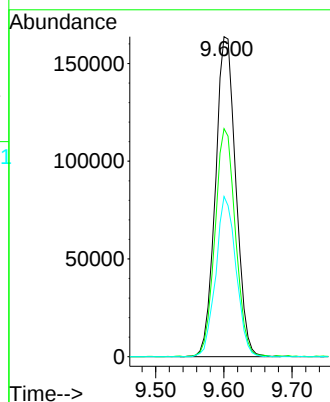
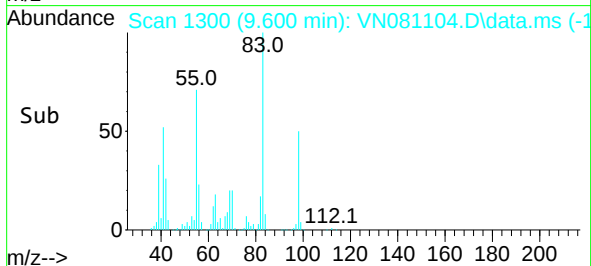
Tgt Ion:	83	Resp:	340468
Ion Ratio	Lower	Upper	
83	100		
55	71.1	65.7	98.5
98	50.1	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#40

Benzene

Concen: 51.801 ug/l

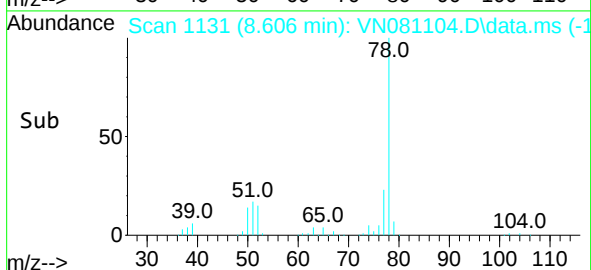
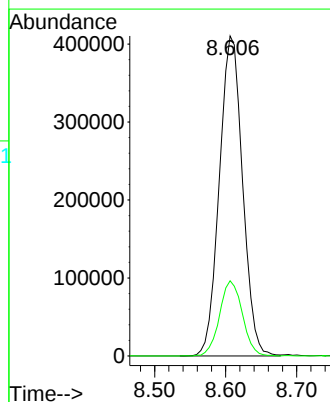
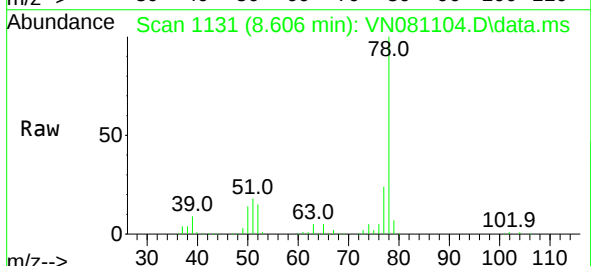
RT: 8.606 min Scan# 1131

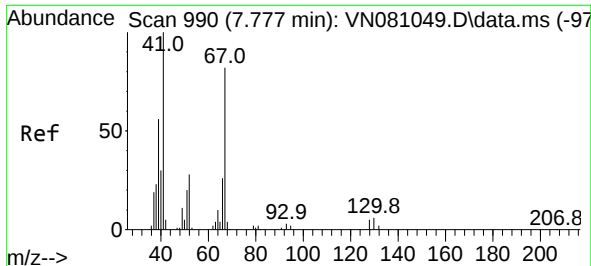
Delta R.T. -0.000 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

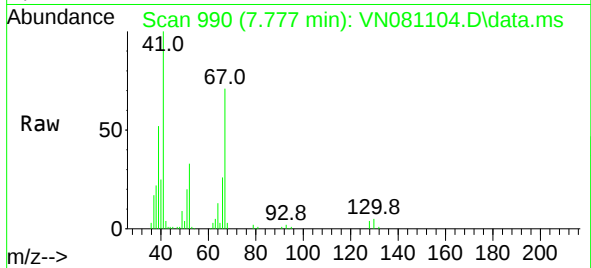
Tgt Ion:	78	Resp:	930833
Ion Ratio	Lower	Upper	
78	100		
77	23.5	20.4	30.6





#41
Methacrylonitrile
Concen: 53.646 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

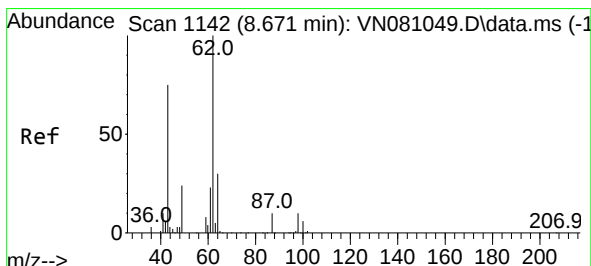
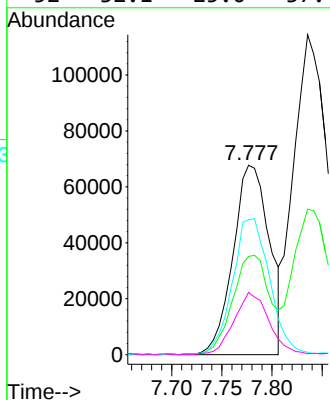
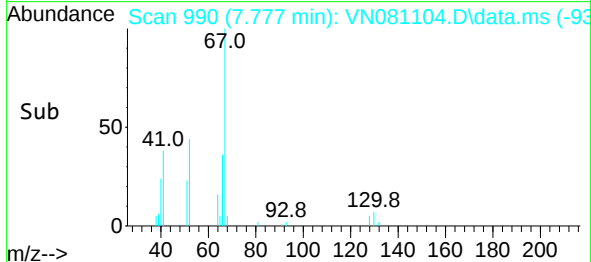
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:	41	Resp:	17106
Ion Ratio	100	Lower	Upper
39	53.6	48.4	72.6
67	73.3	56.8	85.2
52	32.1	25.0	37.4

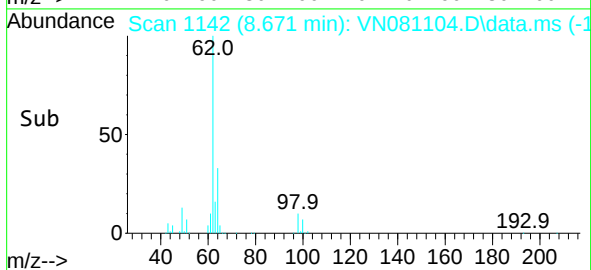
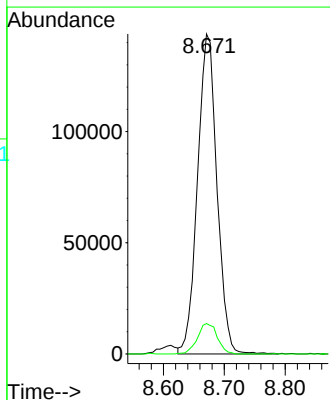
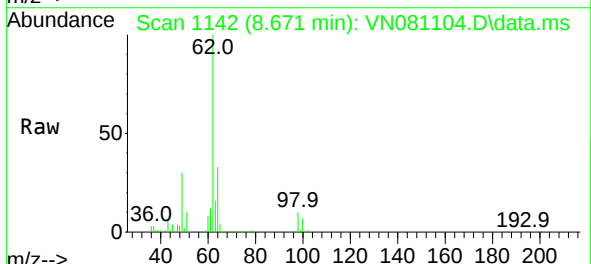
Manual Integrations
APPROVED

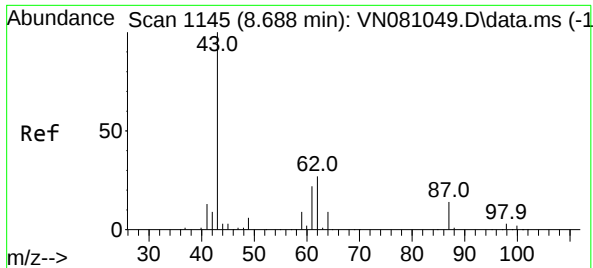
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#42
1,2-Dichloroethane
Concen: 50.975 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Tgt Ion:	62	Resp:	319576
Ion Ratio	100	Lower	Upper
98	9.7	0.0	18.0





#43

Isopropyl Acetate

Concen: 4.023 ug/l

RT: 8.659 min Scan# 1145

Delta R.T. -0.029 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS

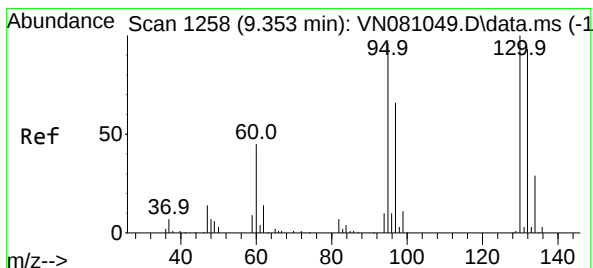
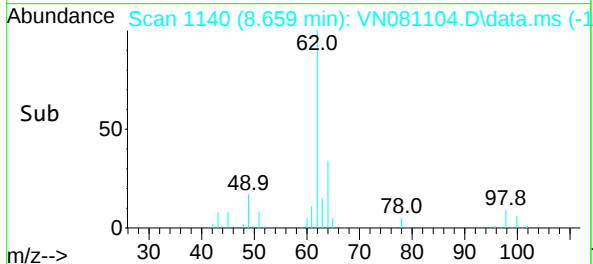
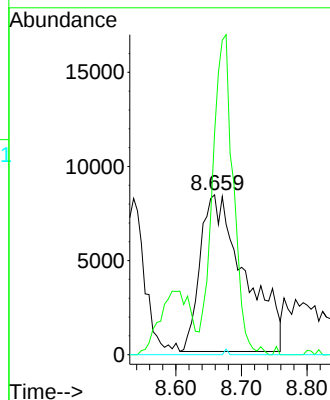
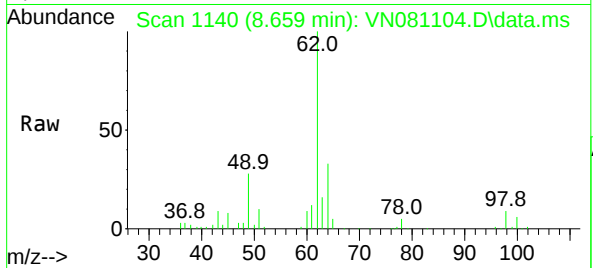
Tgt Ion: 43	Resp: 3942
Ion Ratio	Lower Upper
43	100
61	94.3 19.9 29.9
87	0.3 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#44

Trichloroethene

Concen: 89.395 ug/l

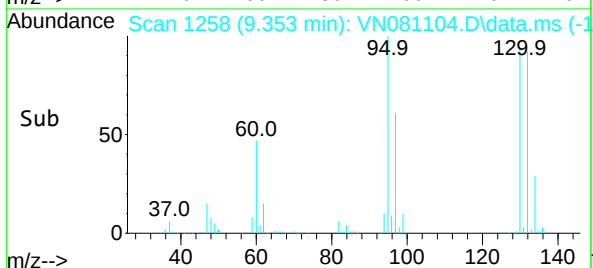
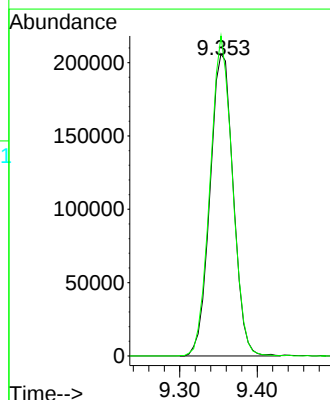
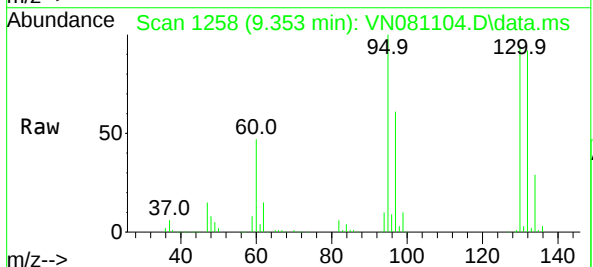
RT: 9.353 min Scan# 1258

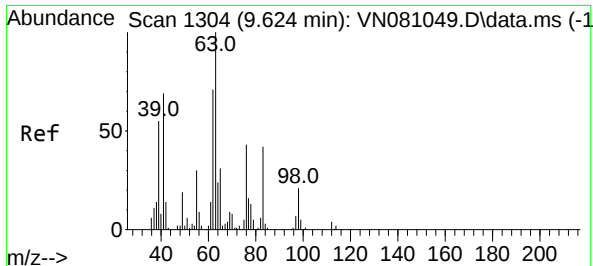
Delta R.T. -0.000 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

Tgt Ion:130	Resp: 427848
Ion Ratio	Lower Upper
130	100
95	105.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 51.028 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN081104.D

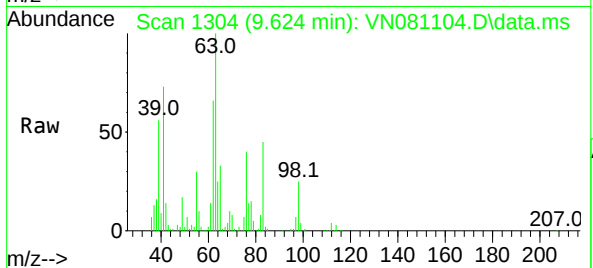
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 63 Resp: 22936

Ion Ratio Lower Upper

63 100

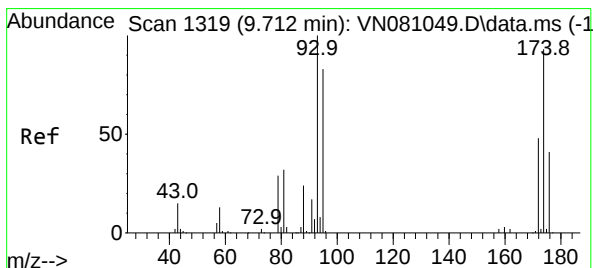
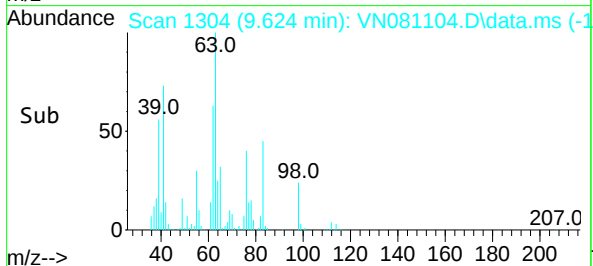
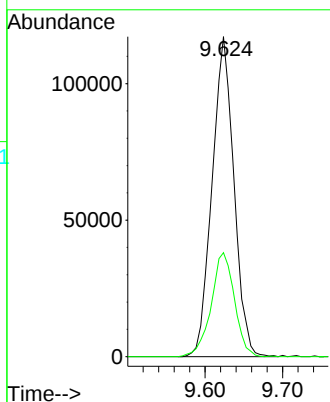
65 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#46

Dibromomethane

Concen: 52.218 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

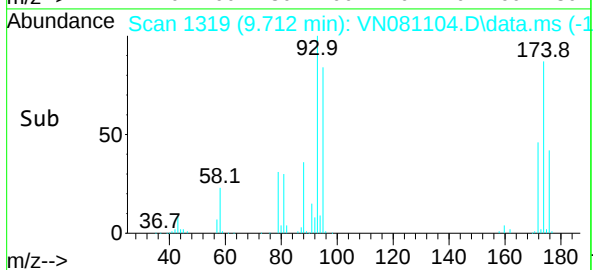
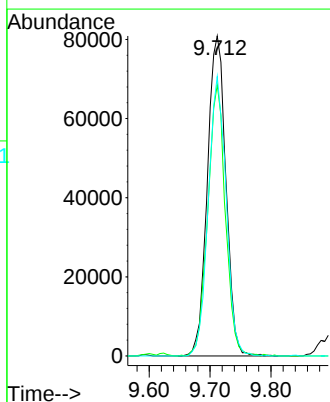
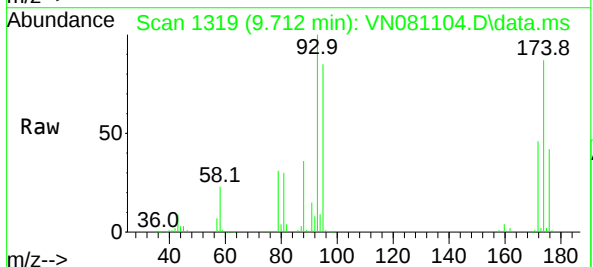
Tgt Ion: 93 Resp: 171018

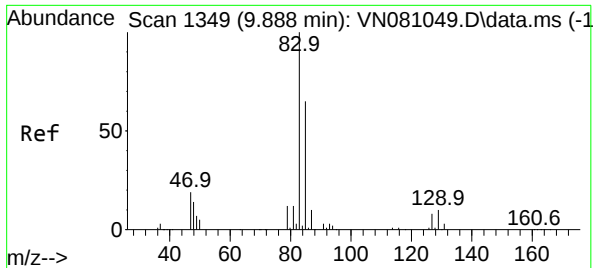
Ion Ratio Lower Upper

93 100

95 80.5 68.1 102.1

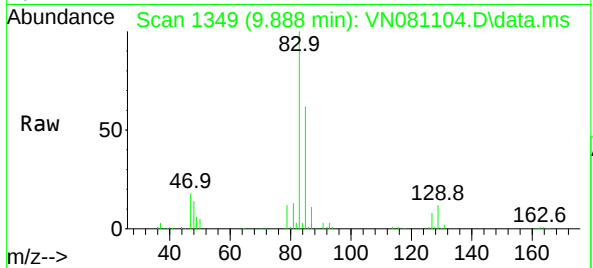
174 84.2 57.2 85.8





#47
Bromodichloromethane
Concen: 40.338 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

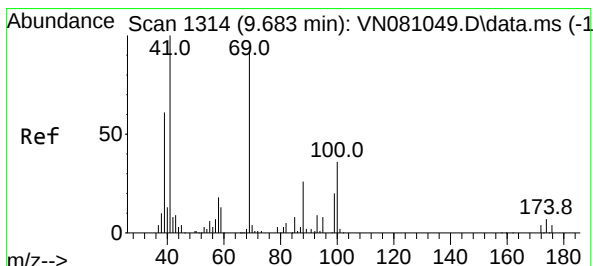
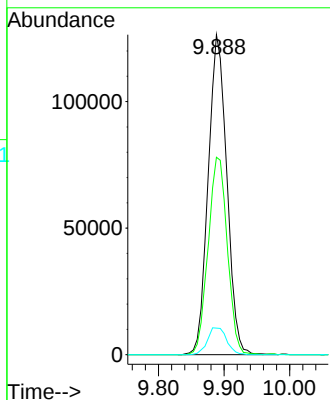
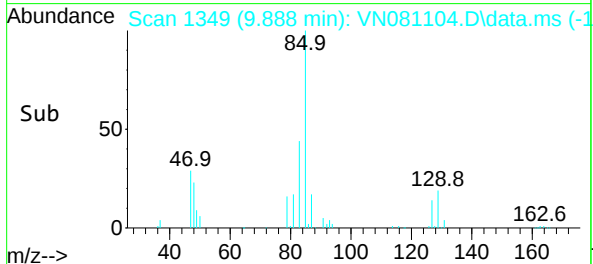
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 83 Resp: 25021
Ion Ratio Lower Upper
83 100
85 61.7 52.3 78.5
127 8.3 4.6 7.0

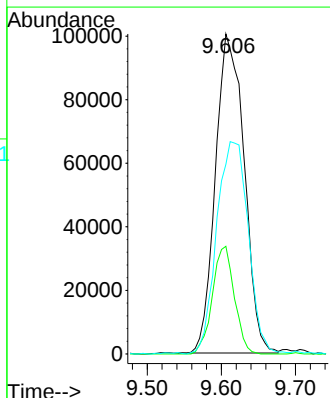
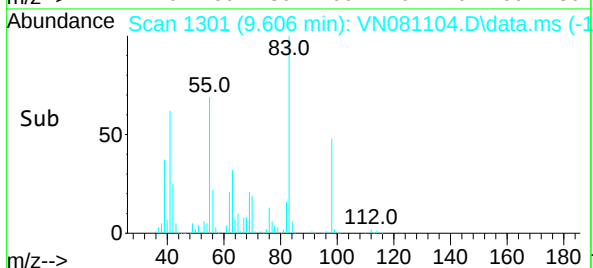
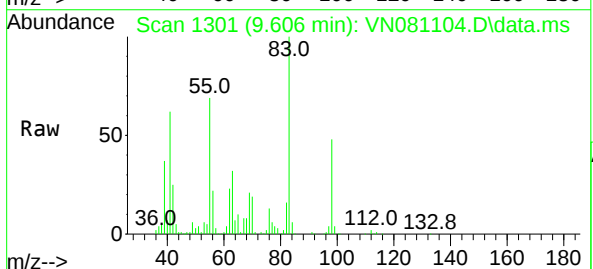
Manual Integrations
APPROVED

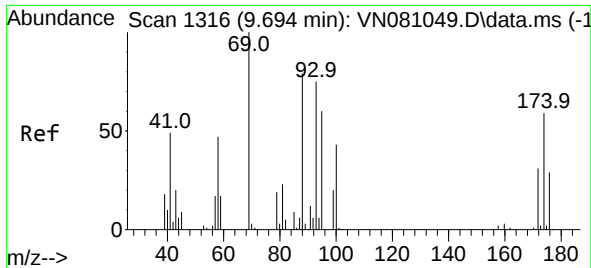
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#48
Methyl methacrylate
Concen: 59.246 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.076 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

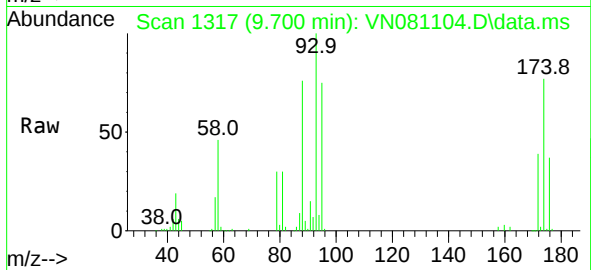
Tgt Ion: 41 Resp: 270139
Ion Ratio Lower Upper
41 100
69 25.8 62.2 93.2#
39 73.3 47.6 71.4#





#49
1,4-Dioxane
Concen: 1206.370 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

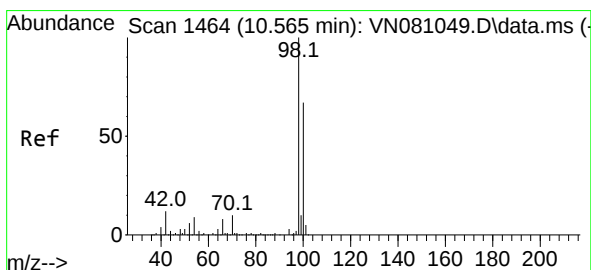
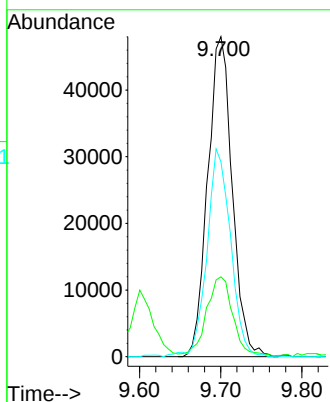
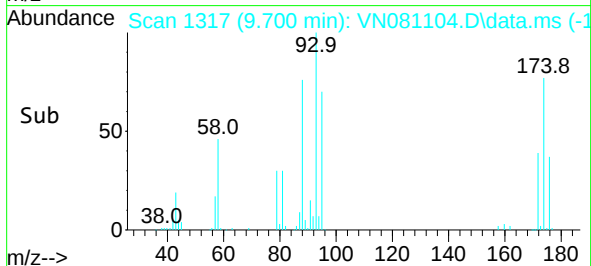
Instrument :
MSVOA_N
ClientSampleId :
20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 88 Resp: 100530
Ion Ratio Lower Upper
88 100
43 26.6 30.1 45.1
58 62.8 63.9 95.9

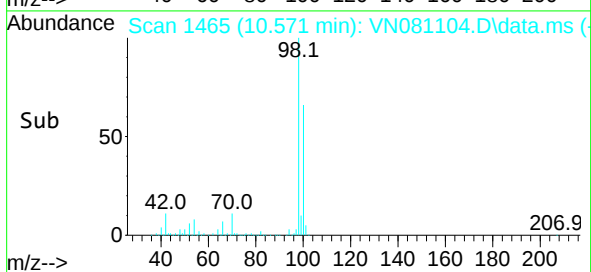
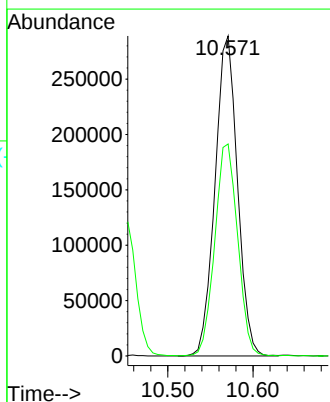
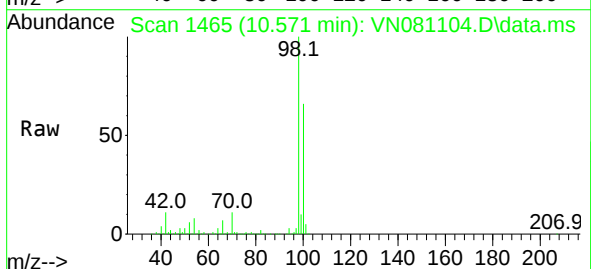
Manual Integrations
APPROVED

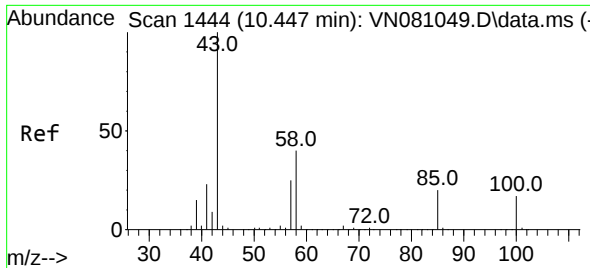
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#50
Toluene-d8
Concen: 41.097 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

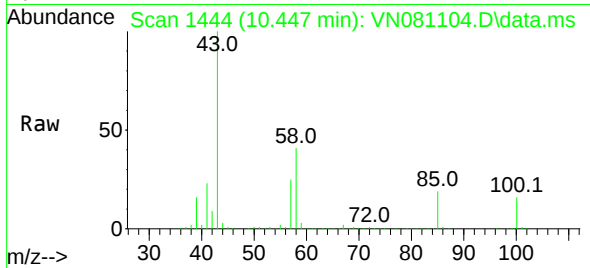
Tgt Ion: 98 Resp: 528932
Ion Ratio Lower Upper
98 100
100 67.3 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 278.512 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

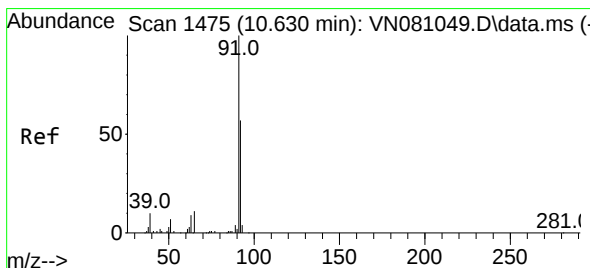
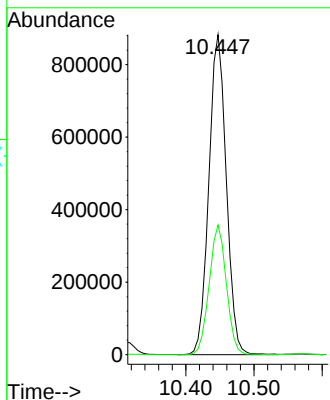
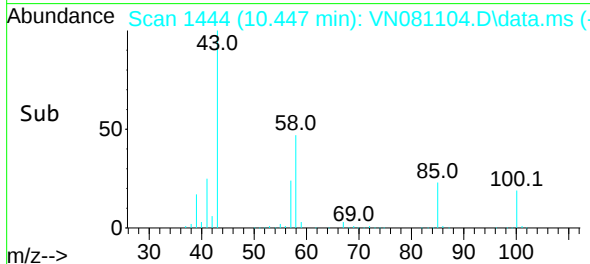
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



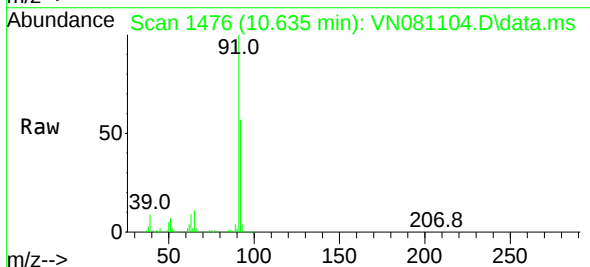
Tgt Ion: 43 Resp: 156995
Ion Ratio Lower Upper
43 100
58 40.0 29.4 44.0

Manual Integrations
APPROVED

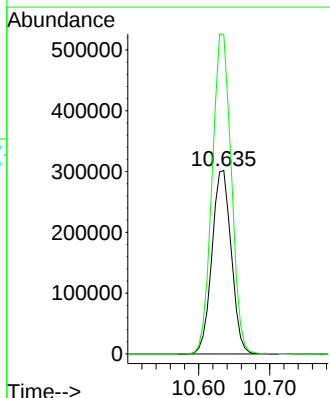
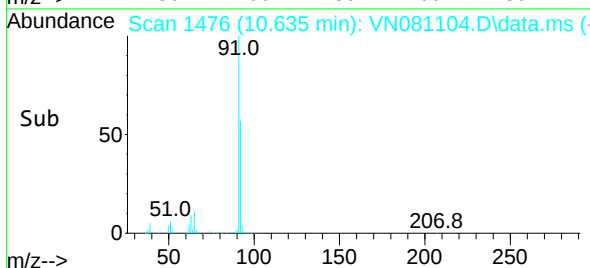
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

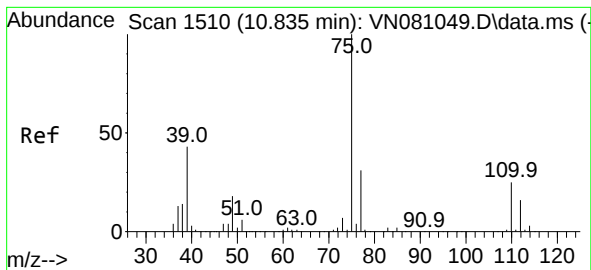


#52
Toluene
Concen: 49.991 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



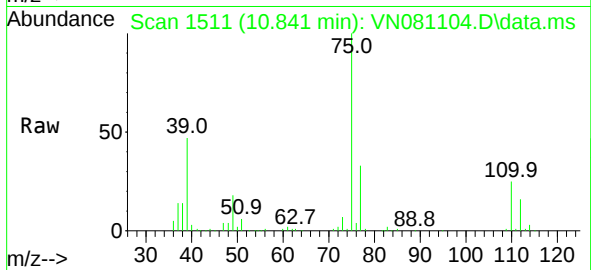
Tgt Ion: 92 Resp: 568699
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





#53
 t-1,3-Dichloropropene
 Concen: 35.049 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081104.D
 Acq: 20 Feb 2024 17:28

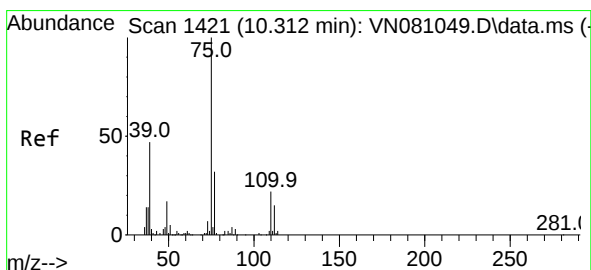
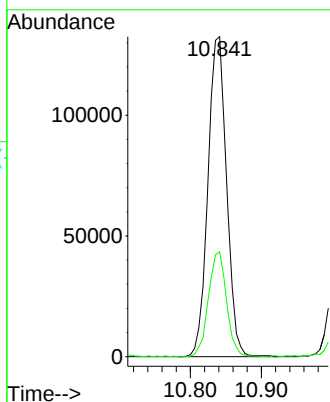
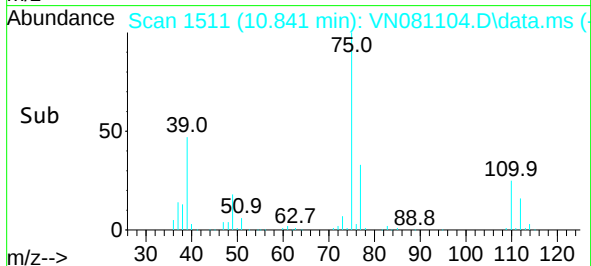
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



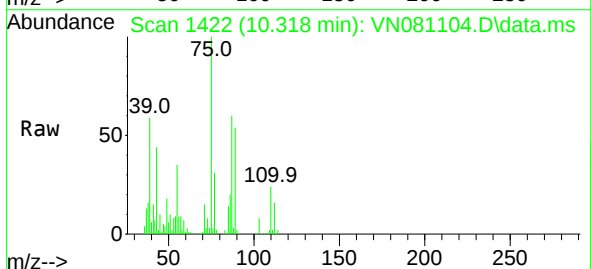
Tgt Ion: 75 Resp: 241588
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3

Manual Integrations
 APPROVED

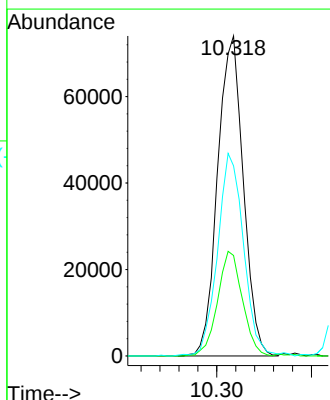
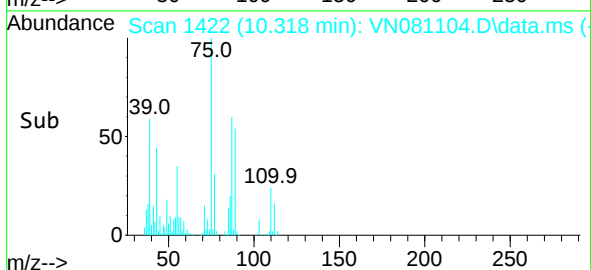
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

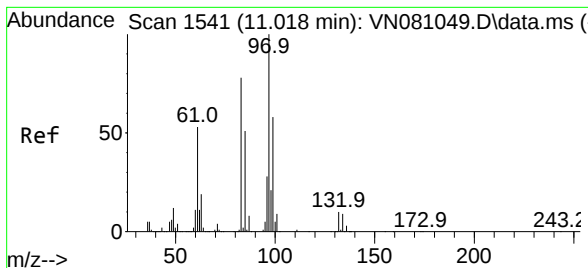


#54
 cis-1,3-Dichloropropene
 Concen: 18.711 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN081104.D
 Acq: 20 Feb 2024 17:28



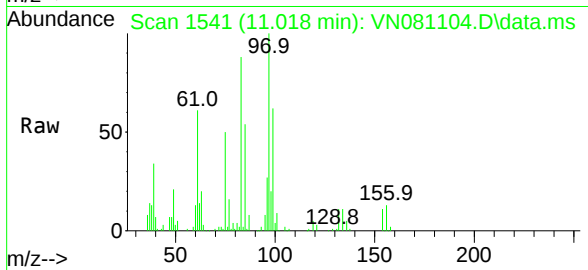
Tgt Ion: 75 Resp: 139344
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.3 34.9
 39 59.2 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 24.004 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

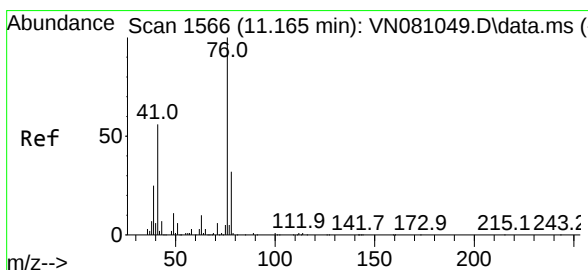
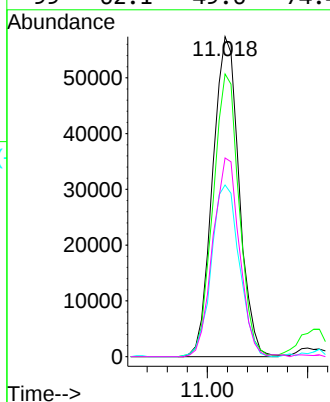
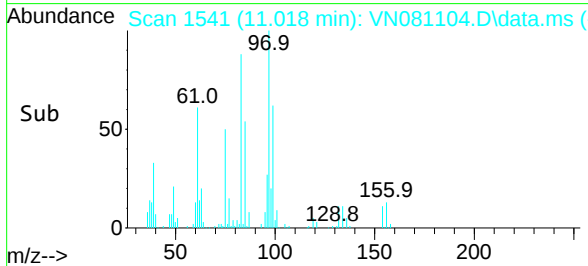
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 97 Resp: 105028
Ion Ratio Lower Upper
97 100
83 88.4 72.9 109.3
85 53.7 50.2 75.2
99 62.1 49.6 74.4

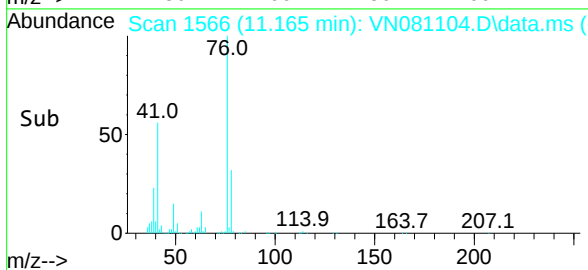
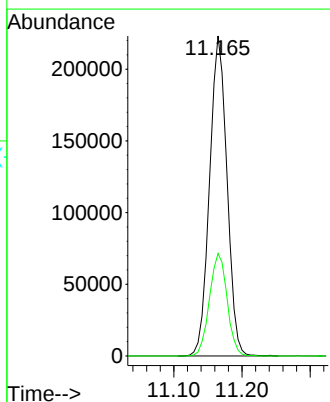
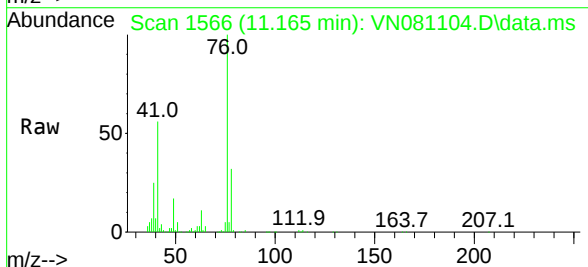
Manual Integrations
APPROVED

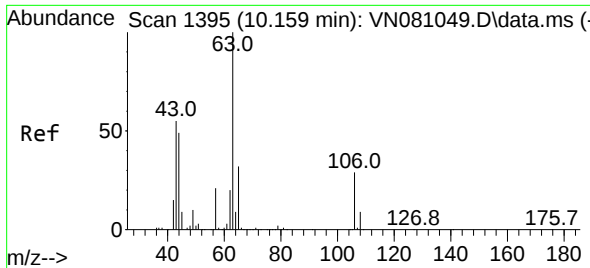
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#57
1,3-Dichloropropane
Concen: 52.412 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

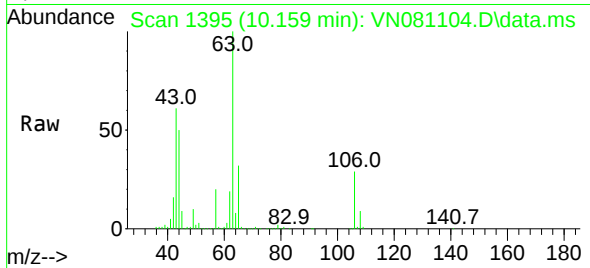
Tgt Ion: 76 Resp: 396517
Ion Ratio Lower Upper
76 100
78 32.4 25.5 38.3





#58
2-Chloroethyl Vinyl ether
Concen: 241.162 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

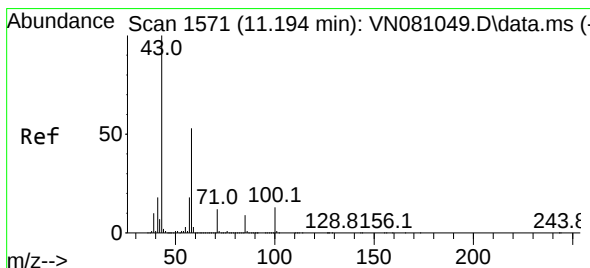
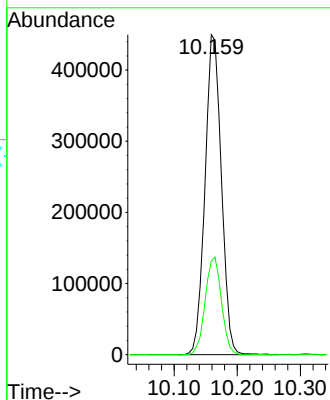
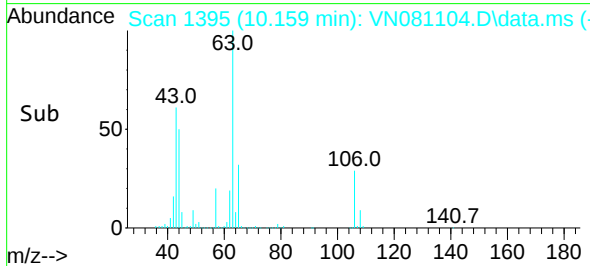
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



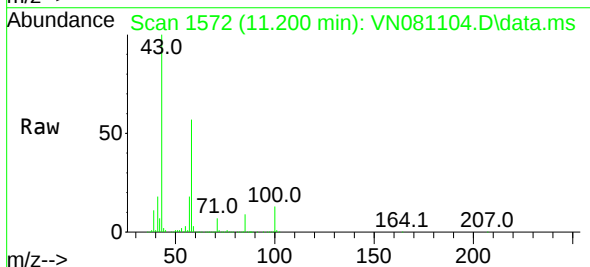
Tgt Ion: 63 Resp: 809140
Ion Ratio Lower Upper
63 100
106 30.3 18.6 28.0

Manual Integrations
APPROVED

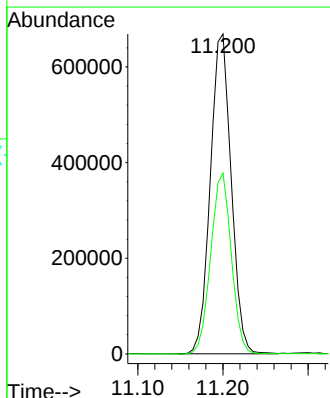
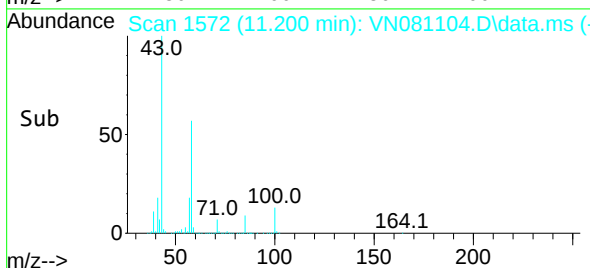
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

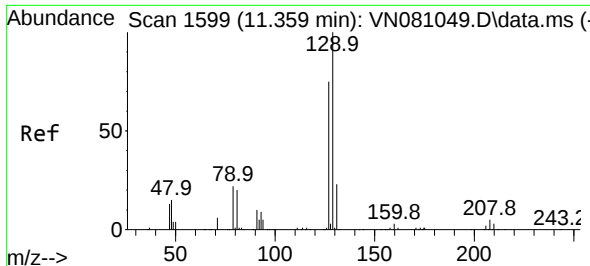


#59
2-Hexanone
Concen: 255.304 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



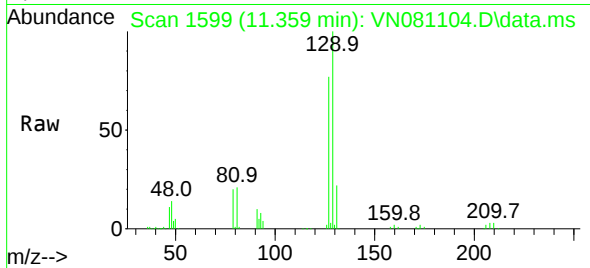
Tgt Ion: 43 Resp: 1140951
Ion Ratio Lower Upper
43 100
58 55.8 25.9 77.8





#60
Dibromochloromethane
Concen: 43.404 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

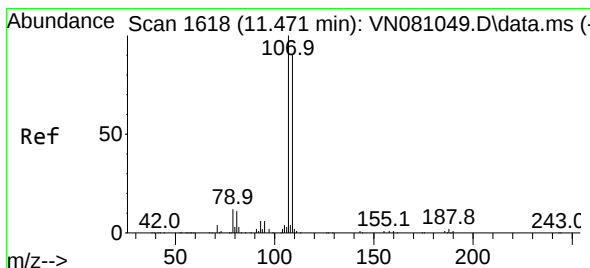
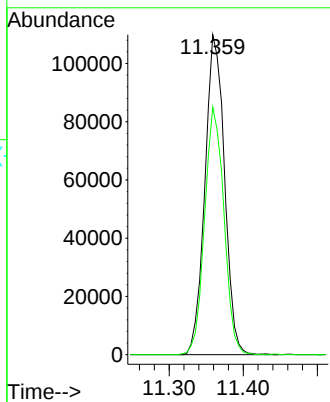
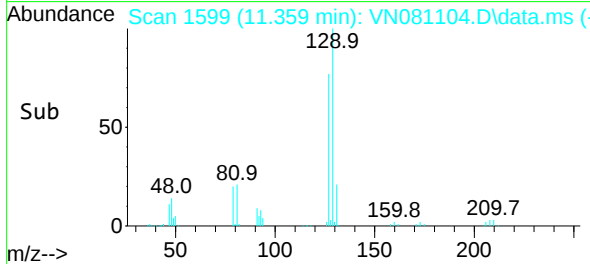
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



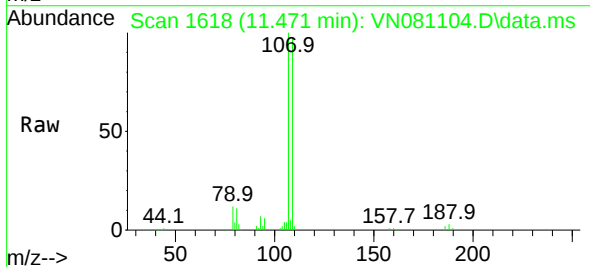
Tgt Ion:129 Resp: 201748
Ion Ratio Lower Upper
129 100
127 76.4 39.4 118.2

Manual Integrations
APPROVED

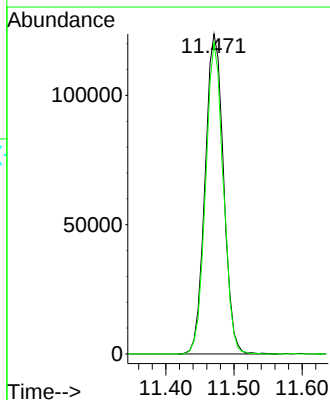
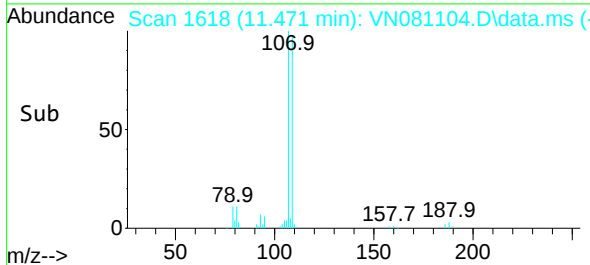
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

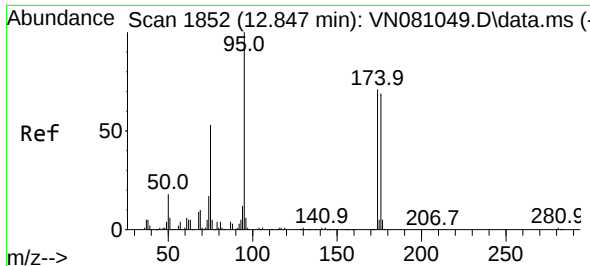


#61
1,2-Dibromoethane
Concen: 50.634 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



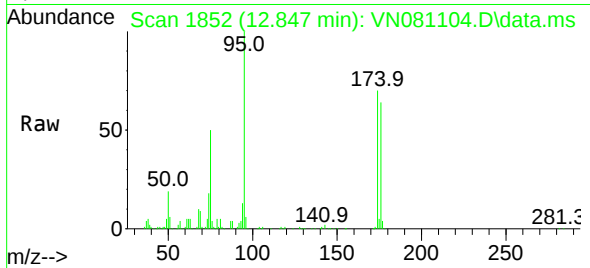
Tgt Ion:107 Resp: 232970
Ion Ratio Lower Upper
107 100
109 93.3 73.4 110.2





#62
4-Bromofluorobenzene
Concen: 42.209 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

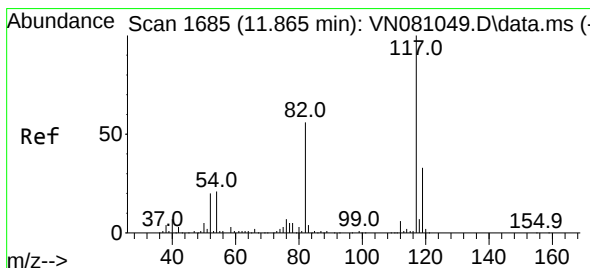
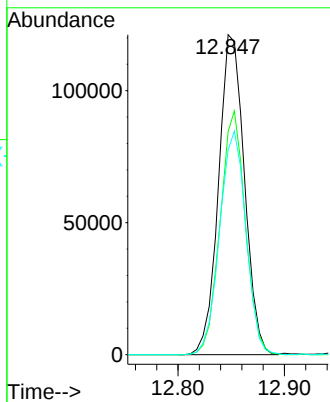
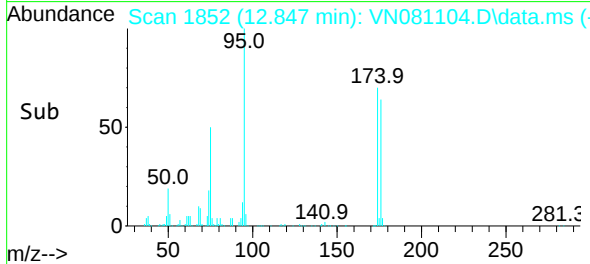
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 95 Resp: 204120
Ion Ratio Lower Upper
95 100
174 74.1 0.0 120.4
176 71.1 0.0 121.0

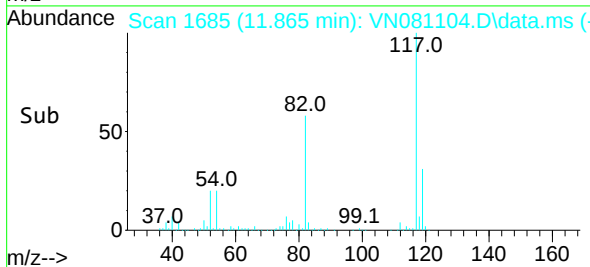
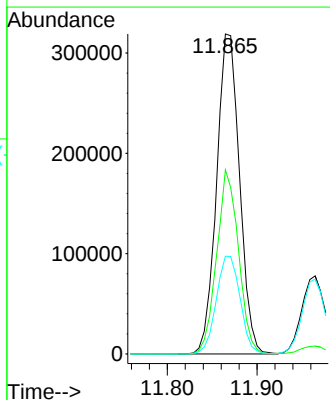
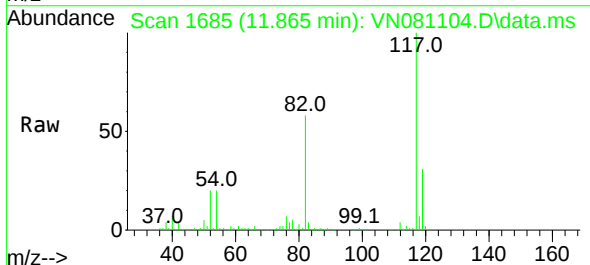
Manual Integrations
APPROVED

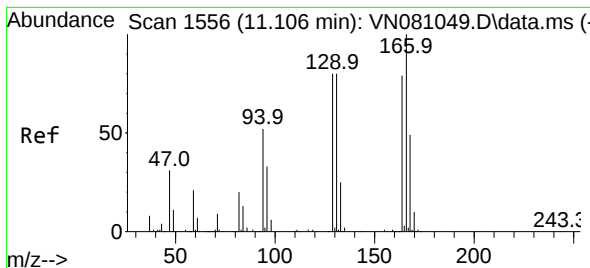
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Tgt Ion:117 Resp: 567131
Ion Ratio Lower Upper
117 100
82 57.6 52.7 79.1
119 30.5 25.3 37.9





#64

Tetrachloroethene

Concen: 81.005 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081104.D

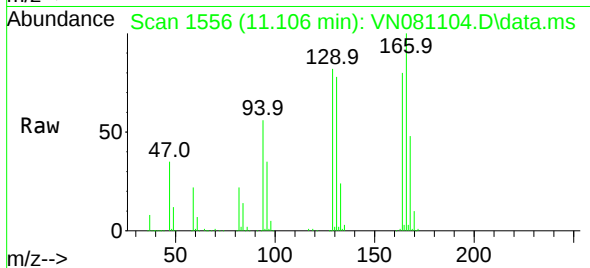
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:164 Resp: 313540

Ion Ratio Lower Upper

164 100

166 125.5 105.8 158.6

129 102.3 89.6 134.4

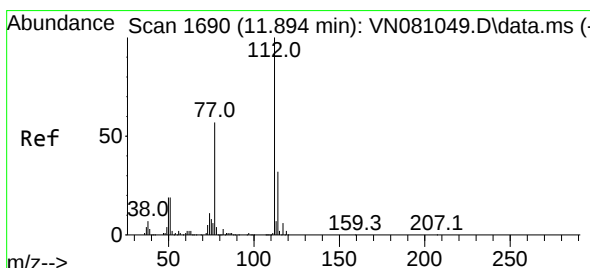
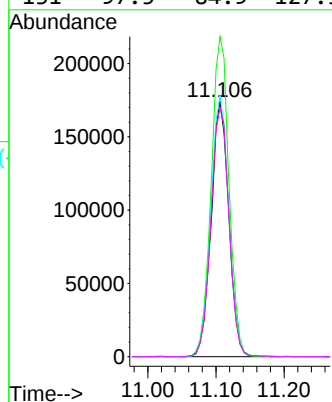
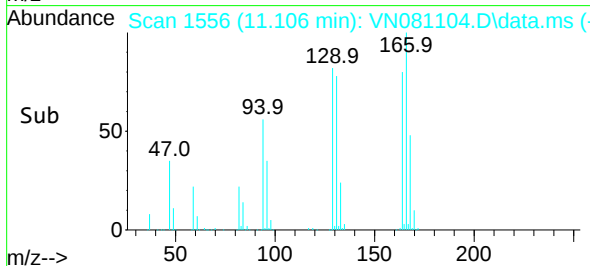
131 97.5 84.9 127.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#65

Chlorobenzene

Concen: 49.271 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. -0.000 min

Lab File: VN081104.D

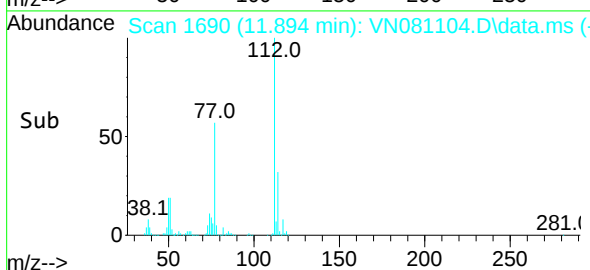
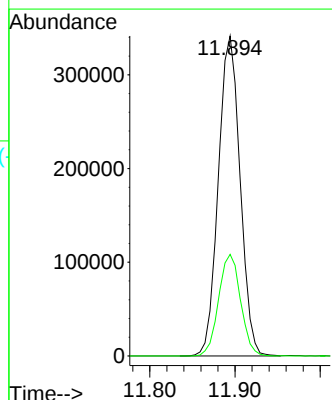
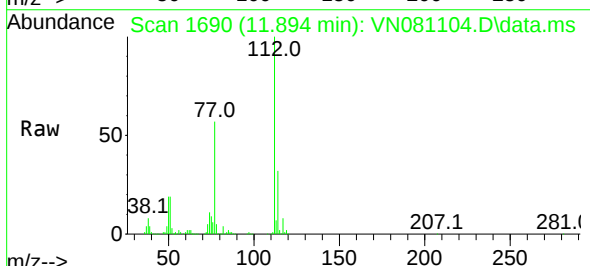
Acq: 20 Feb 2024 17:28

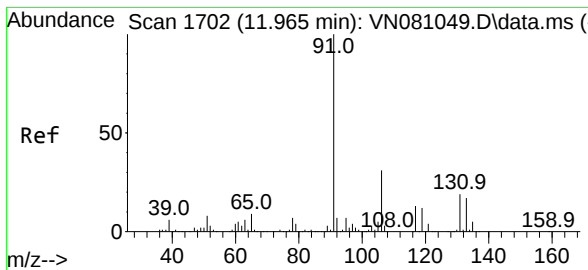
Tgt Ion:112 Resp: 604776

Ion Ratio Lower Upper

112 100

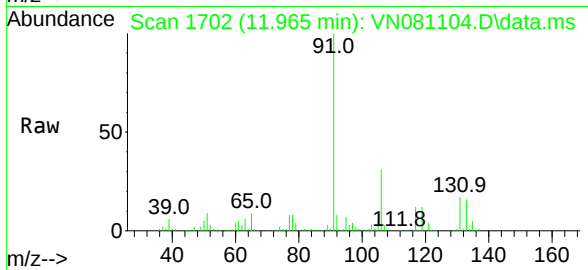
114 31.7 23.7 35.5





#66
1,1,1,2-Tetrachloroethane
Concen: 45.122 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

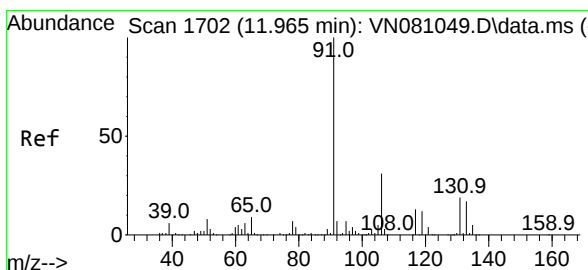
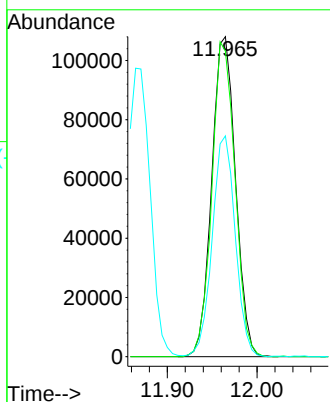
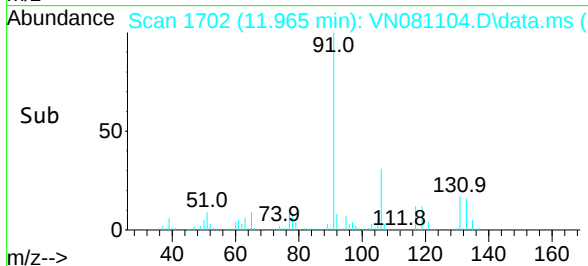
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:131 Resp: 198927
Ion Ratio Lower Upper
131 100
133 95.6 46.8 140.3
119 66.8 34.6 103.9

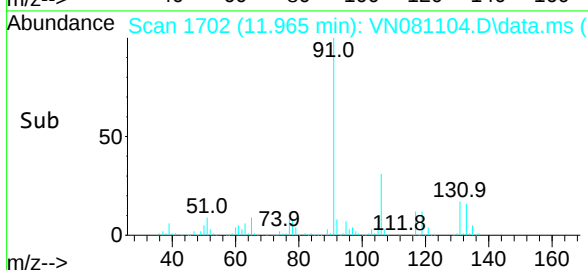
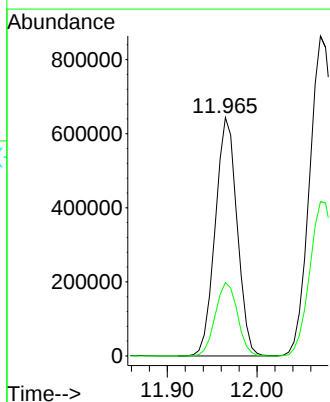
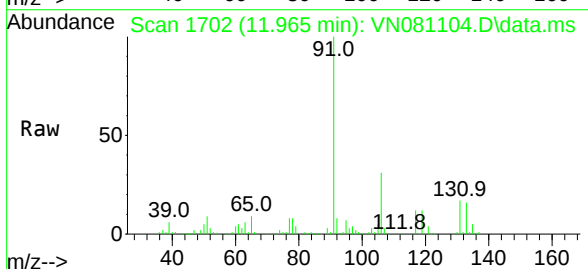
Manual Integrations
APPROVED

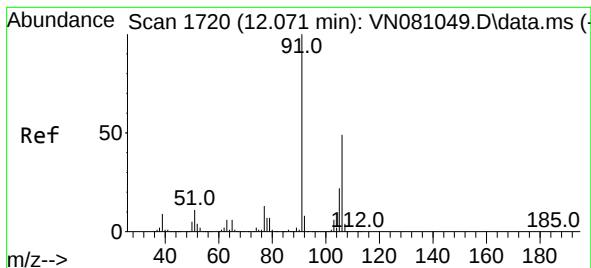
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#67
Ethyl Benzene
Concen: 49.515 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

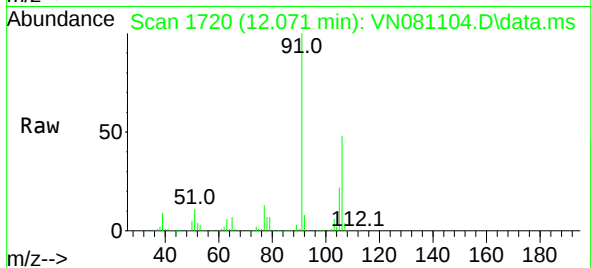
Tgt Ion: 91 Resp: 1087543
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.6





#68
m/p-Xylenes
Concen: 98.737 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

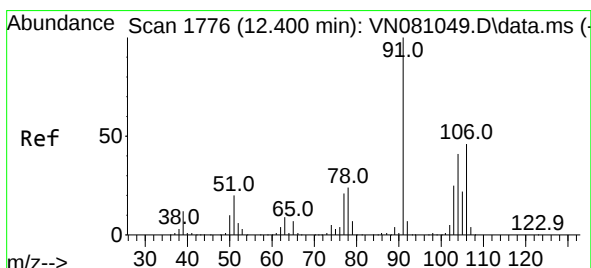
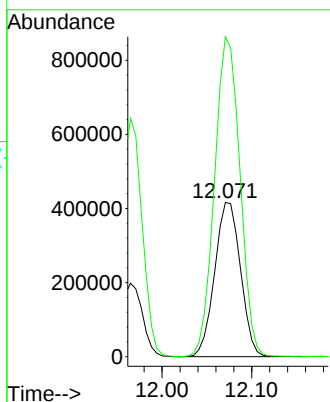
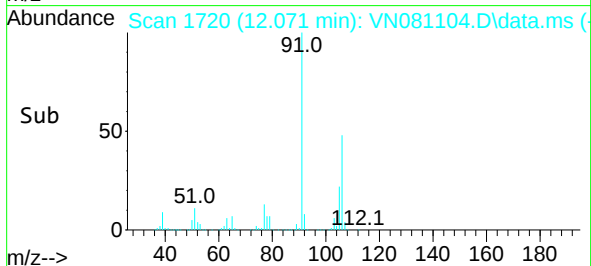
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



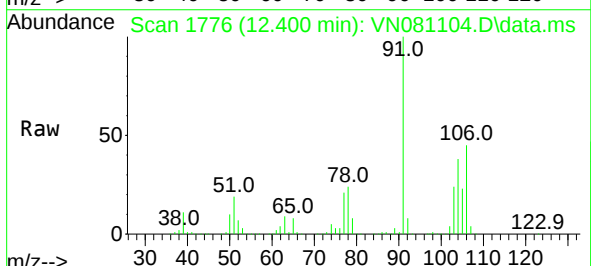
Tgt Ion:106 Resp: 83125
Ion Ratio Lower Upper
106 100
91 204.8 169.0 253.6

Manual Integrations
APPROVED

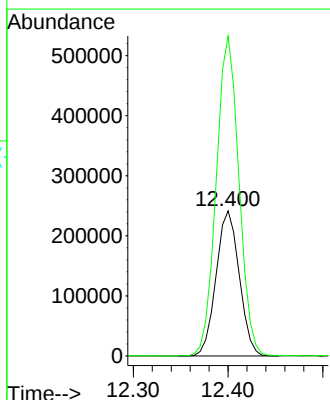
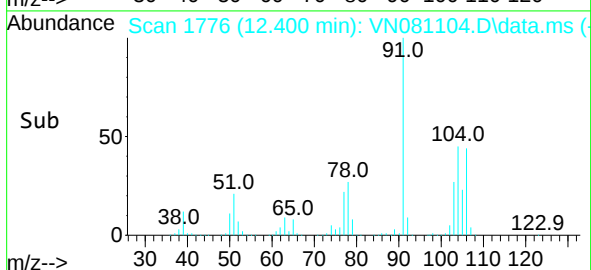
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

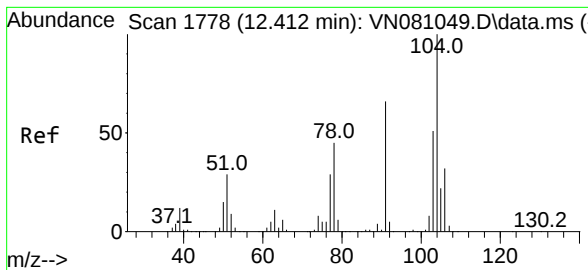


#69
o-Xylene
Concen: 49.169 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



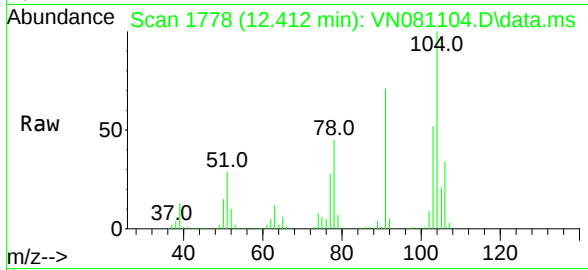
Tgt Ion:106 Resp: 410328
Ion Ratio Lower Upper
106 100
91 216.7 112.1 336.3





#70
Styrene
Concen: 51.817 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

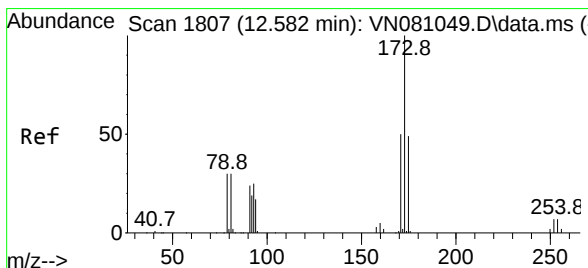
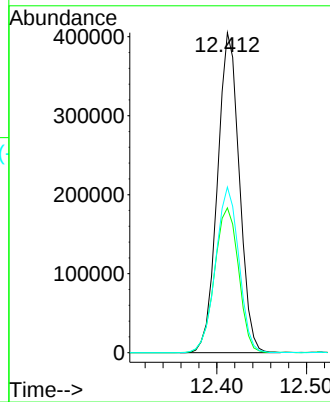
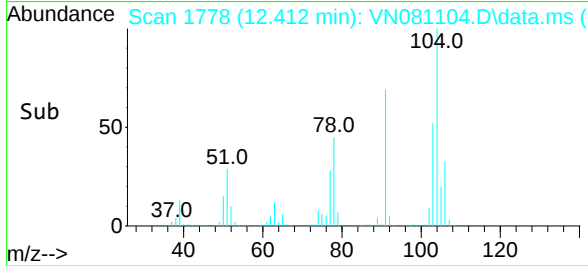
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



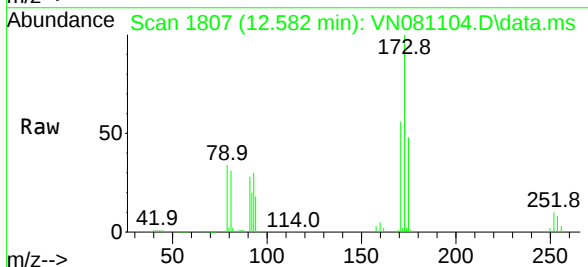
Tgt Ion:104 Resp: 685228
Ion Ratio Lower Upper
104 100
78 49.9 43.8 65.8
103 55.1 44.2 66.2

Manual Integrations
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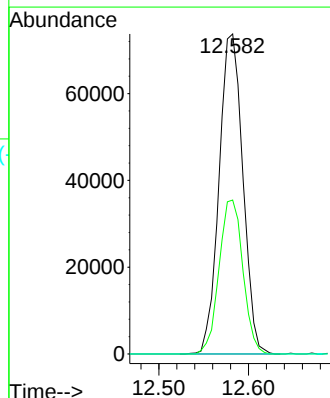
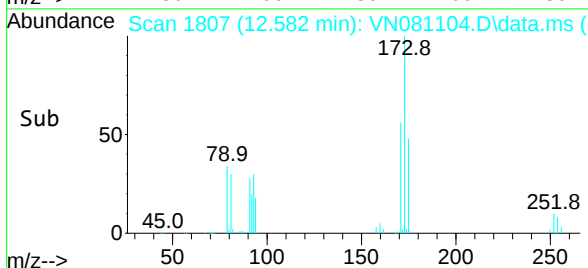
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

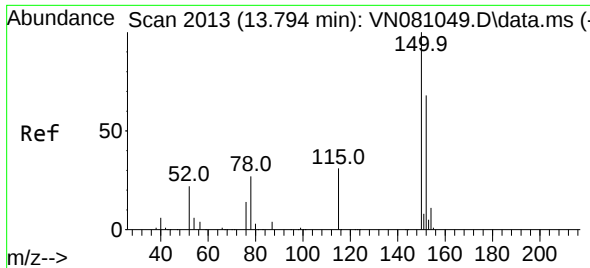


#71
Bromoform
Concen: 48.469 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



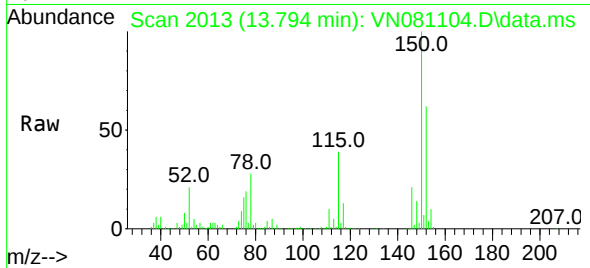
Tgt Ion:173 Resp: 135571
Ion Ratio Lower Upper
173 100
175 48.2 23.1 69.2
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

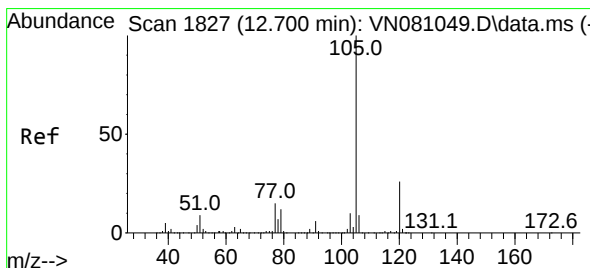
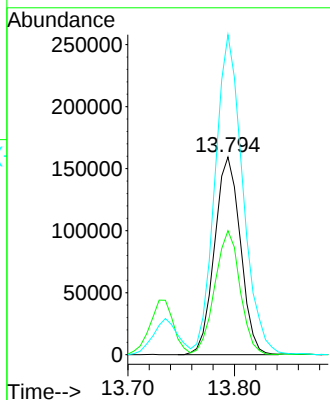
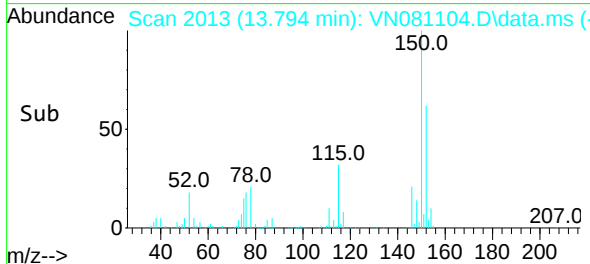
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



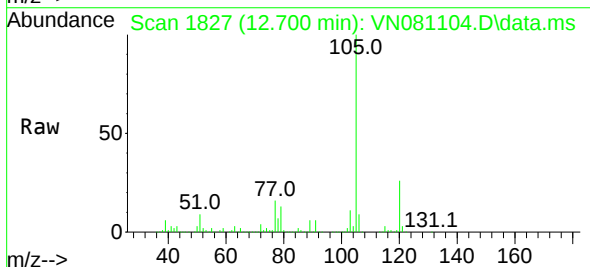
Tgt Ion:152 Resp: 268708
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 173.9 0.0 339.8

Manual Integrations
APPROVED

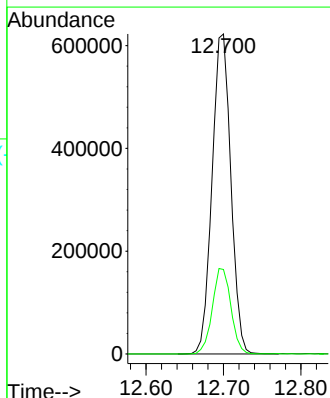
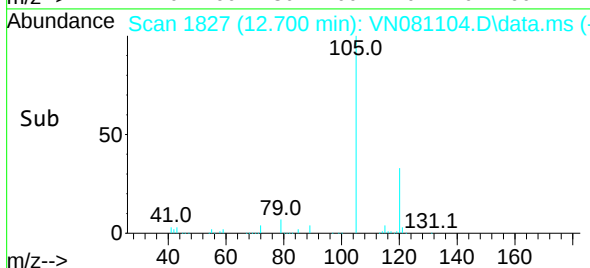
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

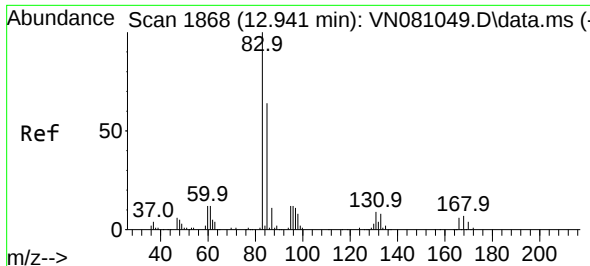


#73
Isopropylbenzene
Concen: 44.567 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



Tgt Ion:105 Resp: 1047784
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6





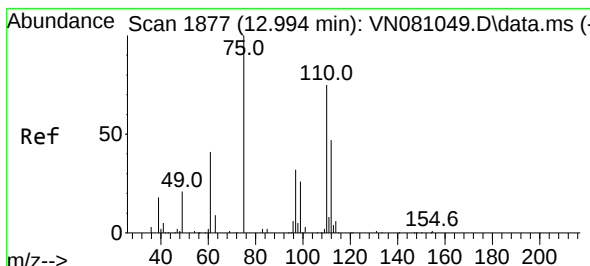
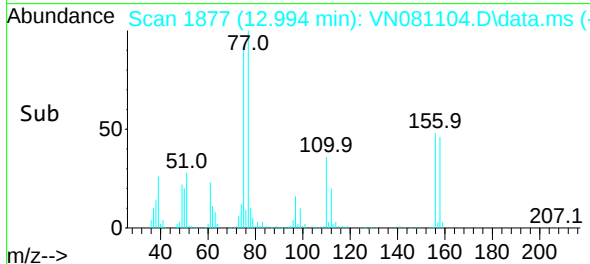
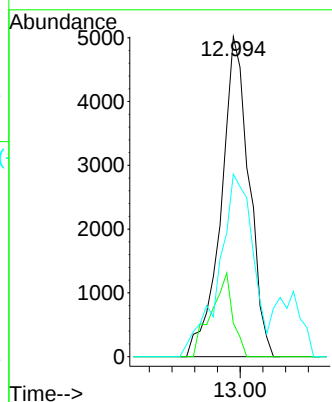
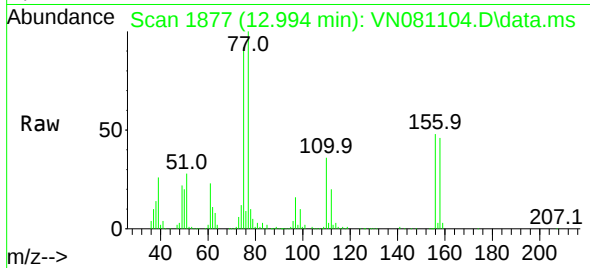
#75
1,1,2,2-Tetrachloroethane
Concen: 1.298 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.053 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion: 83 Resp: 8584
Ion Ratio Lower Upper
83 100
131 20.2 4.1 12.3
85 69.3 32.1 96.3

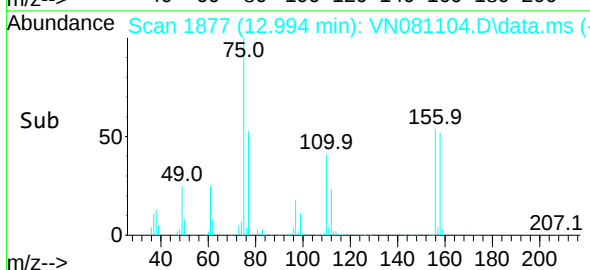
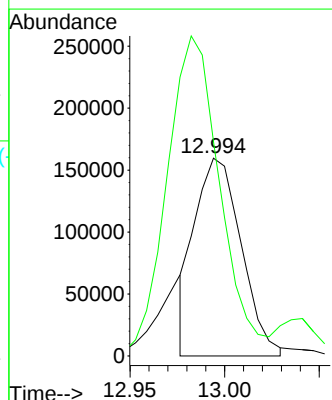
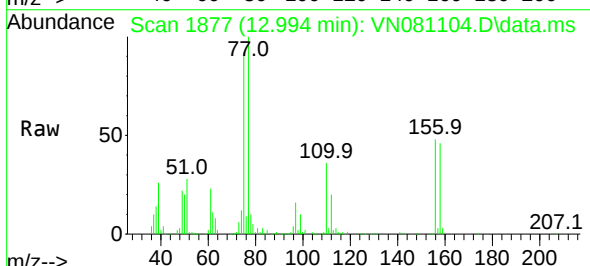
Manual Integrations
APPROVED

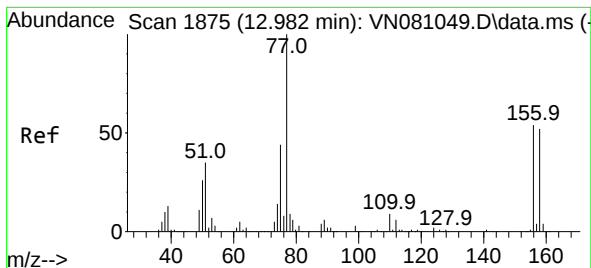
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#76
1,2,3-Trichloropropane
Concen: 44.675 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Tgt Ion: 75 Resp: 272751
Ion Ratio Lower Upper
75 100
77 184.9 91.0 272.8





#77

Bromobenzene

Concen: 46.589 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081104.D

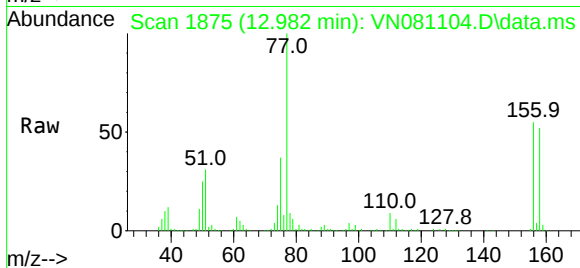
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:156 Resp: 244220

Ion Ratio Lower Upper

156 100

77 206.5 138.1 414.3

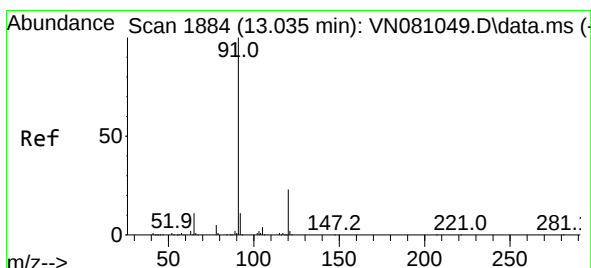
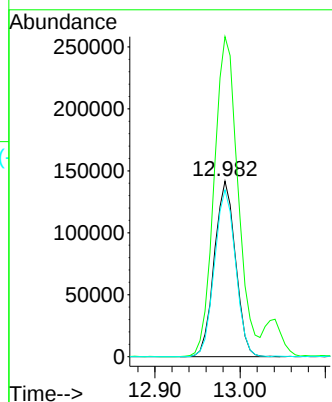
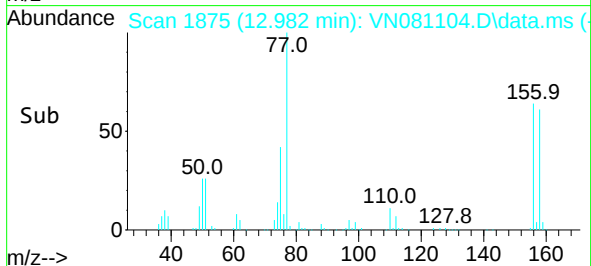
158 94.9 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#78

n-propylbenzene

Concen: 45.515 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081104.D

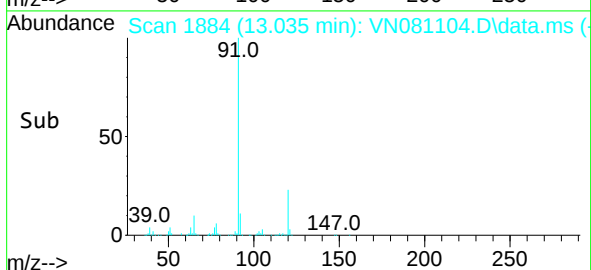
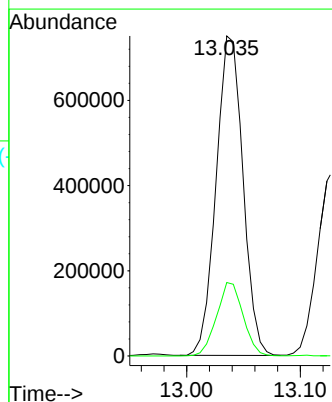
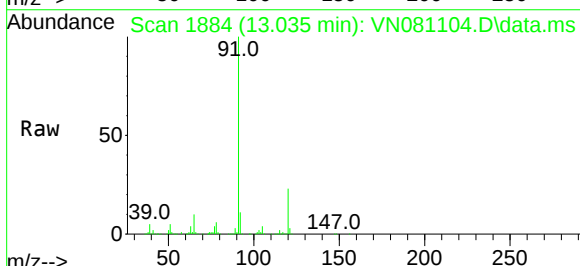
Acq: 20 Feb 2024 17:28

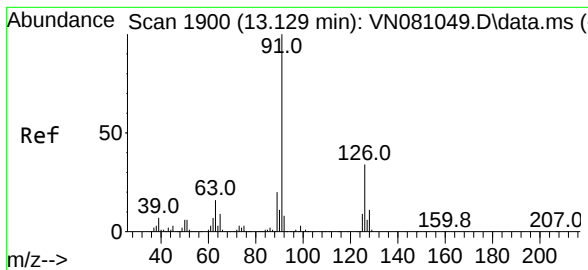
Tgt Ion: 91 Resp: 1231848

Ion Ratio Lower Upper

91 100

120 22.7 10.3 30.9





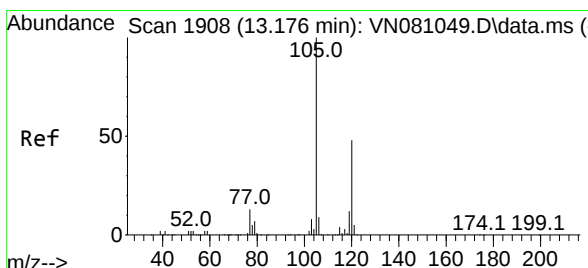
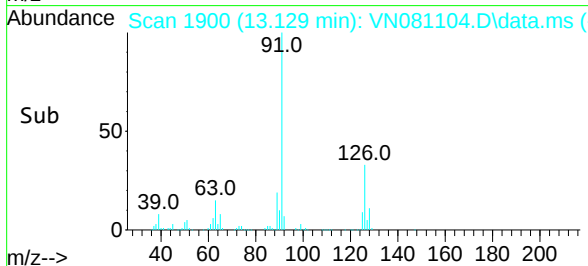
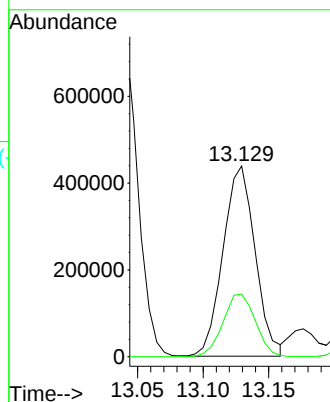
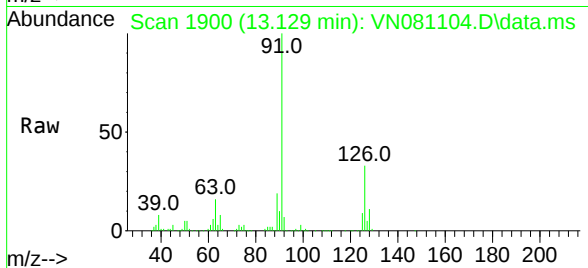
#79
2-Chlorotoluene
Concen: 45.004 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS

Tgt Ion: 91 Resp: 747090
Ion Ratio Lower Upper
91 100
126 33.3 14.8 44.4

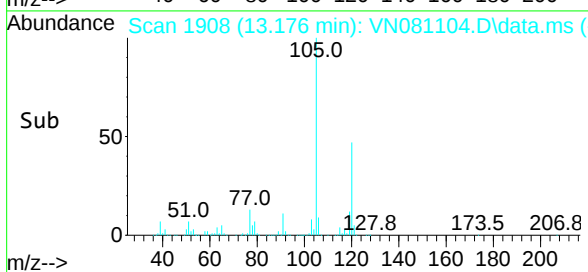
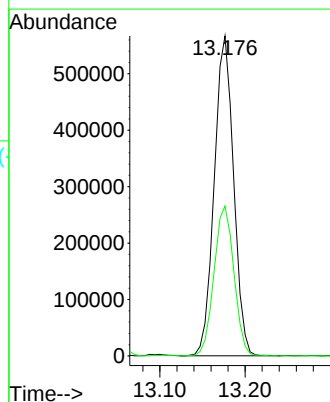
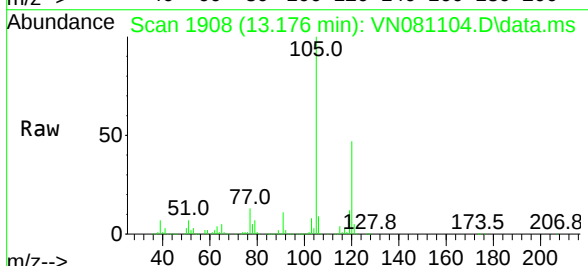
Manual Integrations
APPROVED

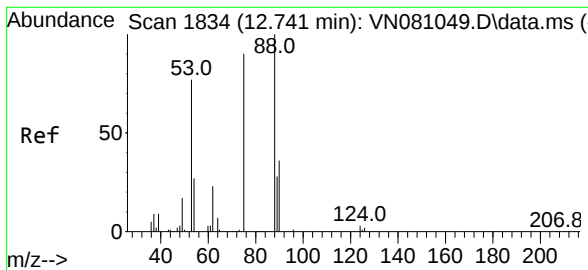
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.825 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

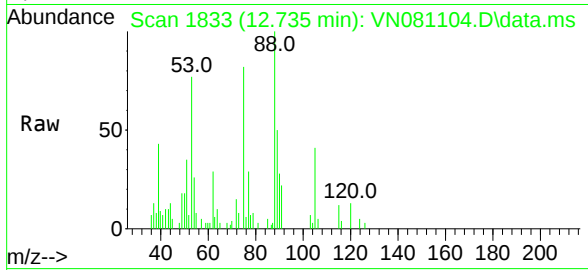
Tgt Ion:105 Resp: 892568
Ion Ratio Lower Upper
105 100
120 48.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.619 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

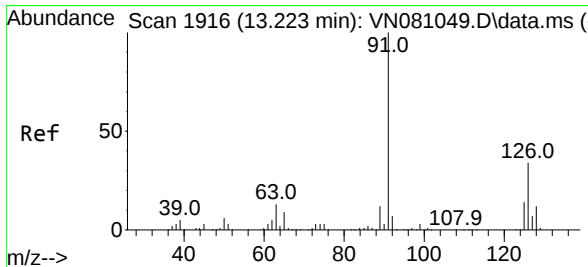
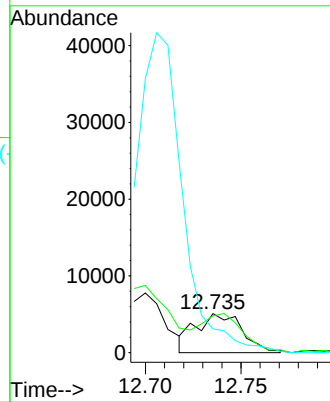
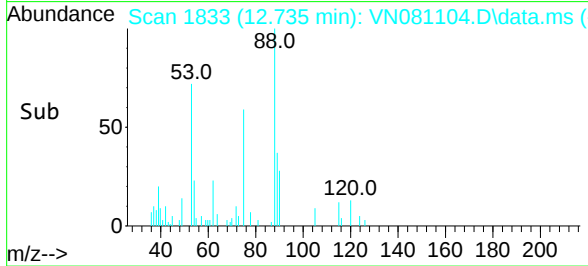
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 75 Resp: 858
Ion Ratio Lower Upper
75 100
53 196.3 71.4 107.2
89 866.3 33.4 50.0

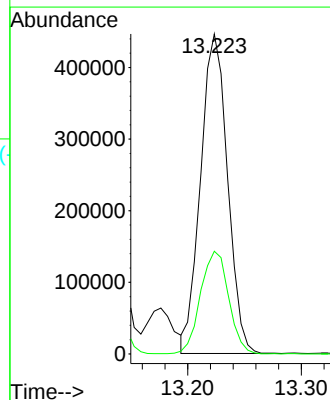
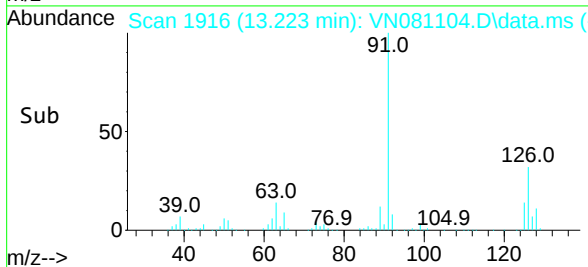
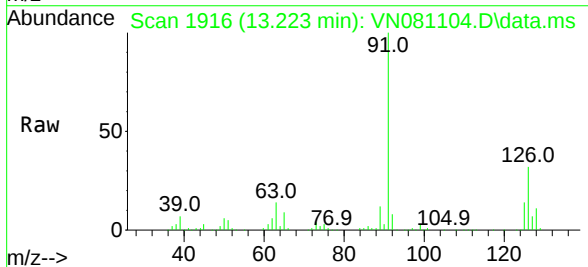
Manual Integrations
APPROVED

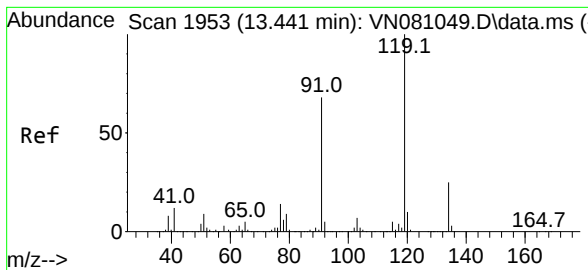
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#82
4-Chlorotoluene
Concen: 45.278 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

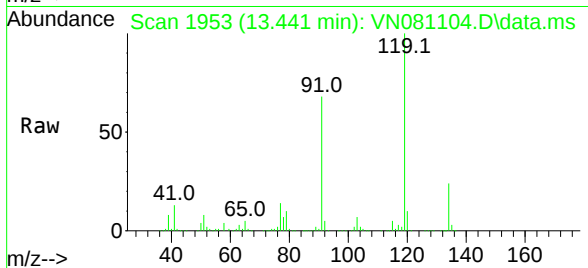
Tgt Ion: 91 Resp: 734952
Ion Ratio Lower Upper
91 100
126 33.7 15.3 45.9





#83
tert-Butylbenzene
Concen: 45.714 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

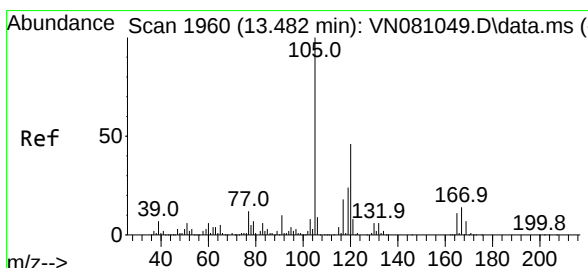
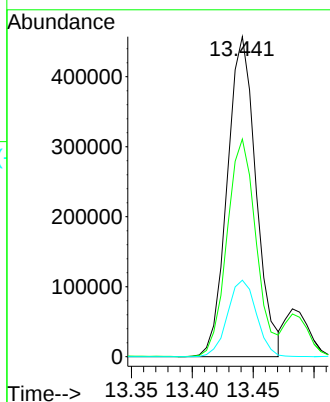
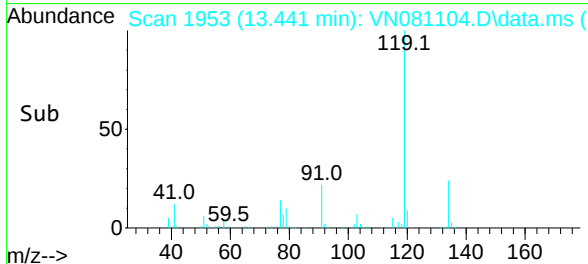
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



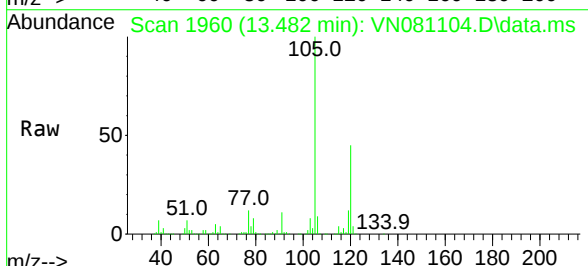
Tgt Ion:119 Resp: 753474
Ion Ratio Lower Upper
119 100
91 68.9 36.8 110.4
134 24.0 12.4 37.4

Manual Integrations
APPROVED

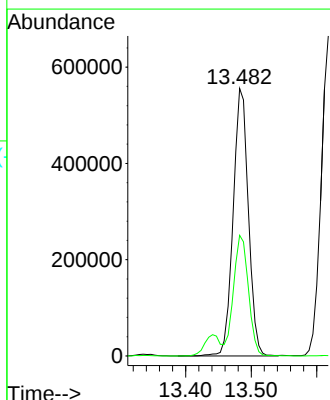
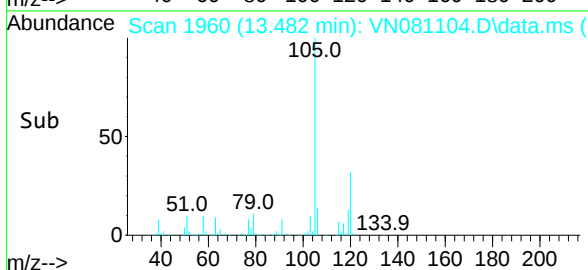
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

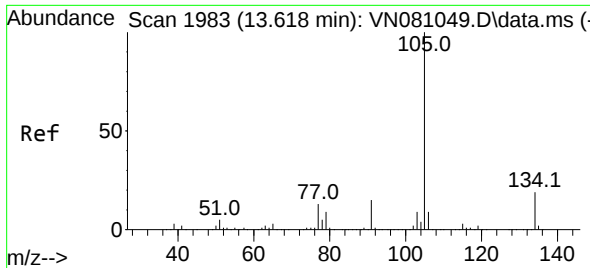


#84
1,2,4-Trimethylbenzene
Concen: 47.346 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



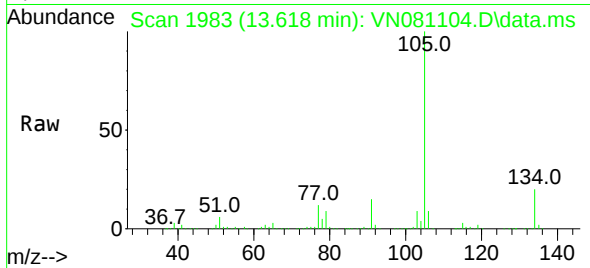
Tgt Ion:105 Resp: 899321
Ion Ratio Lower Upper
105 100
120 44.1 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 47.179 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081104.D
 Acq: 20 Feb 2024 17:28

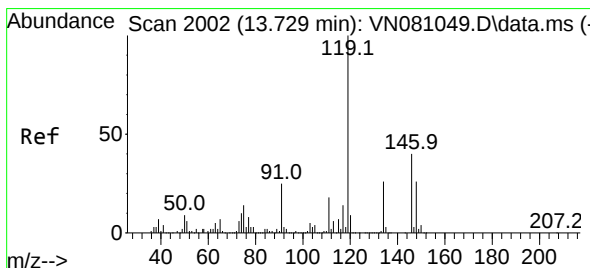
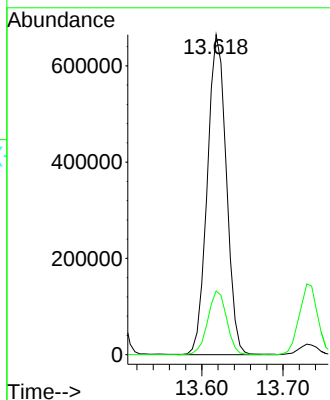
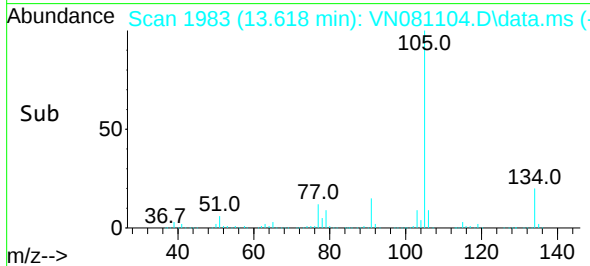
Instrument : MSVOA_N
 ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



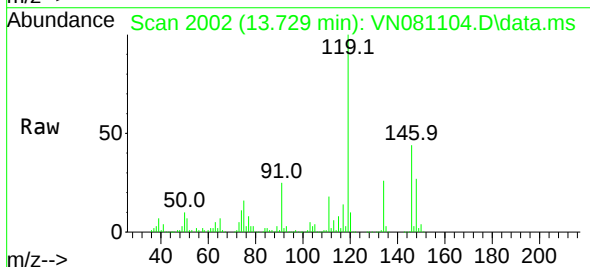
Tgt Ion:105 Resp: 1081054
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

Manual Integrations
 APPROVED

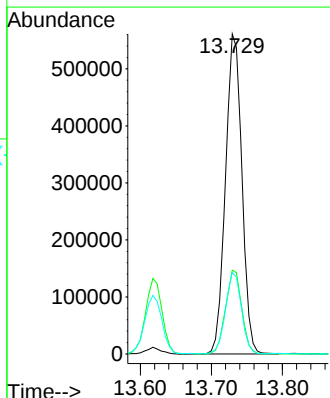
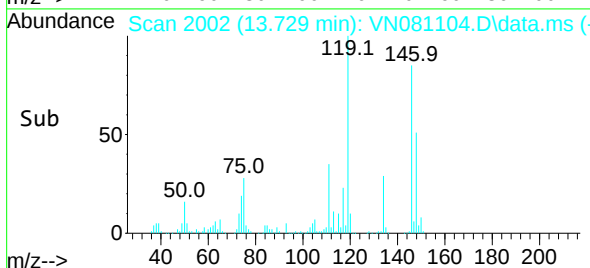
Reviewed By :John Carlone 02/21/2024
 Supervised By :Mahesh Dadoda 02/21/2024

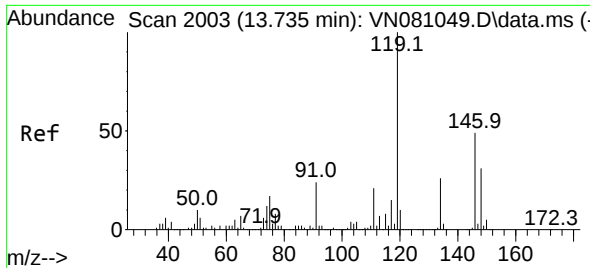


#86
 p-Isopropyltoluene
 Concen: 47.295 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081104.D
 Acq: 20 Feb 2024 17:28



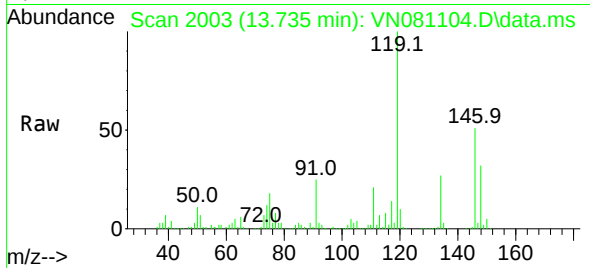
Tgt Ion:119 Resp: 900152
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.4 37.2
 91 24.7 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 47.414 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

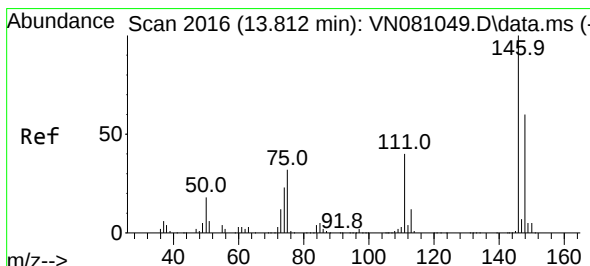
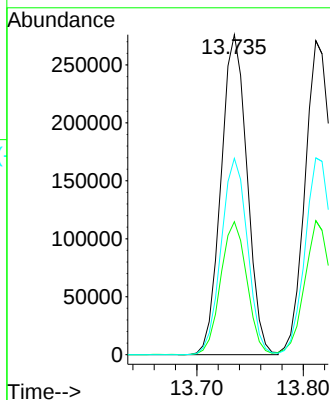
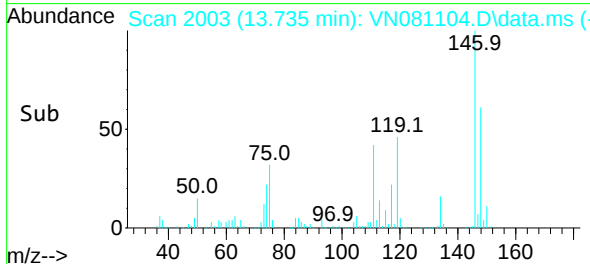
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



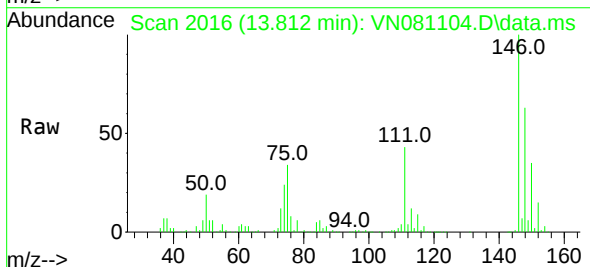
Tgt Ion:146 Resp: 469624
Ion Ratio Lower Upper
146 100
111 41.7 23.9 71.7
148 61.8 32.6 97.7

Manual Integrations
APPROVED

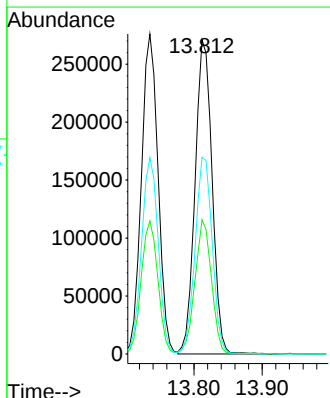
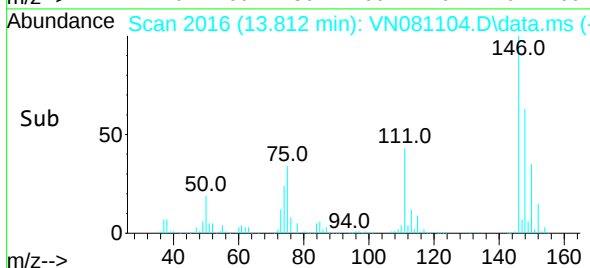
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

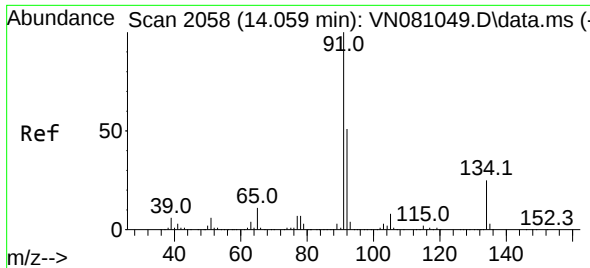


#88
1,4-Dichlorobenzene
Concen: 48.214 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



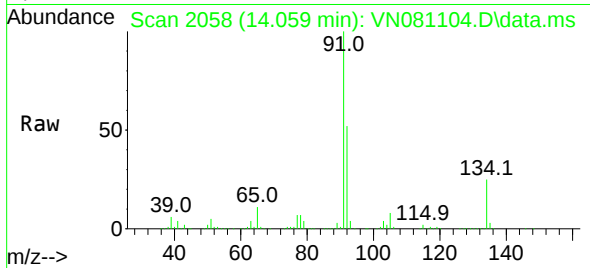
Tgt Ion:146 Resp: 469247
Ion Ratio Lower Upper
146 100
111 41.2 22.6 67.7
148 62.9 31.9 95.5





#89
n-Butylbenzene
Concen: 47.715 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

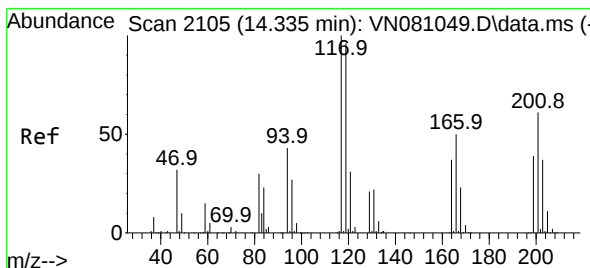
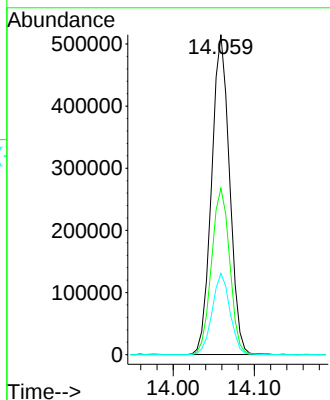
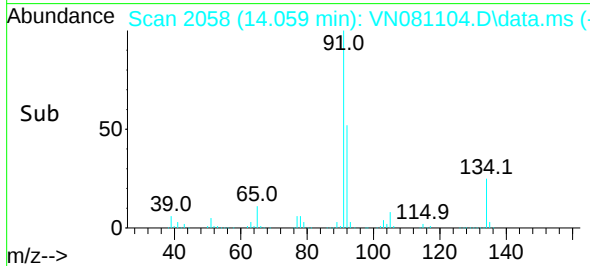
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion: 91 Resp: 791172
Ion Ratio Lower Upper
91 100
92 52.8 26.7 80.1
134 25.2 10.8 32.4

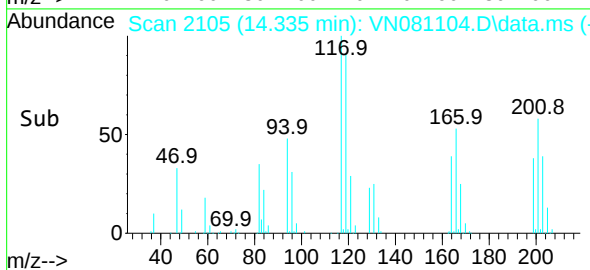
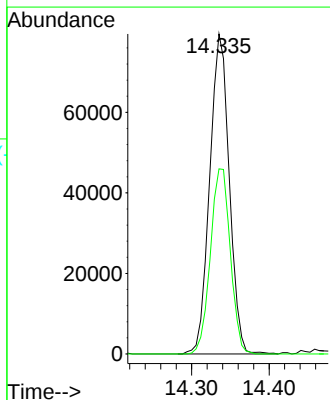
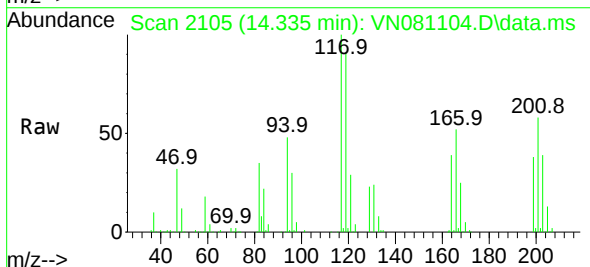
Manual Integrations
APPROVED

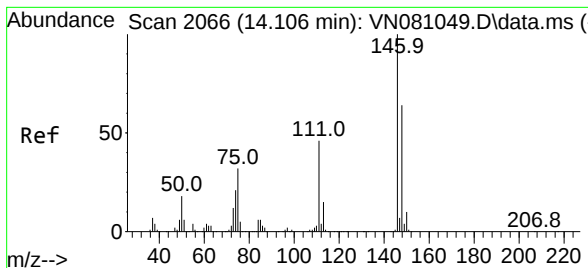
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024



#90
Hexachloroethane
Concen: 44.270 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

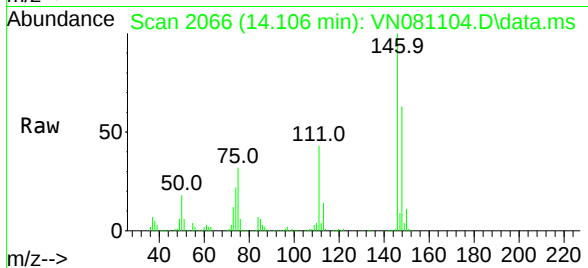
Tgt Ion:117 Resp: 139272
Ion Ratio Lower Upper
117 100
201 58.9 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 48.639 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28

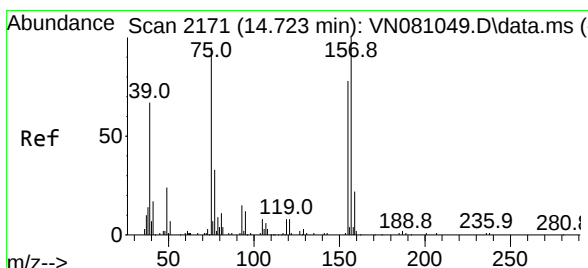
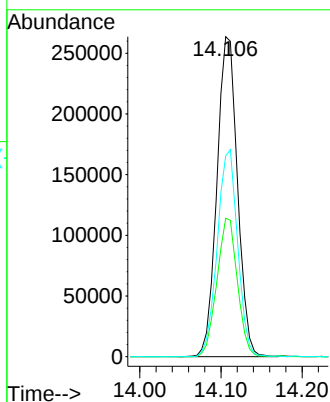
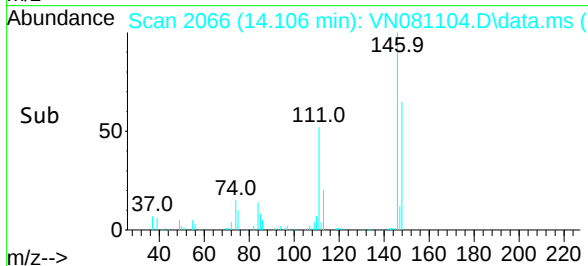
Instrument : MSVOA_N
ClientSampleId : 20240768-AMENDED-COMP-39N-N-3-03MS



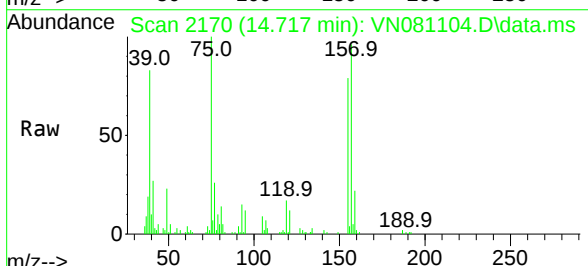
Tgt Ion:146 Resp: 464640
Ion Ratio Lower Upper
146 100
111 43.1 23.9 71.8
148 64.1 31.4 94.0

Manual Integrations
APPROVED

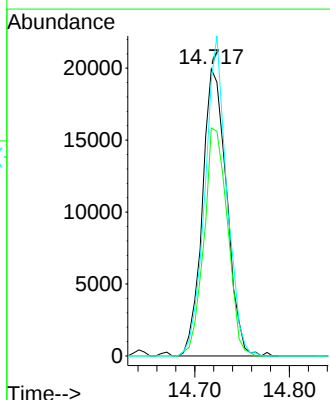
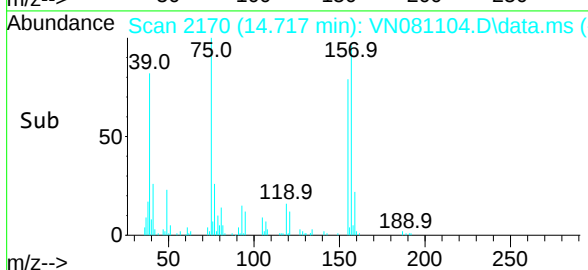
Reviewed By :John Carlone 02/21/2024
Supervised By :Mahesh Dadoda 02/21/2024

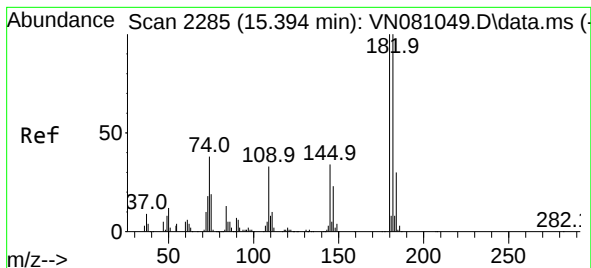


#92
1,2-Dibromo-3-Chloropropane
Concen: 25.889 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081104.D
Acq: 20 Feb 2024 17:28



Tgt Ion: 75 Resp: 35584
Ion Ratio Lower Upper
75 100
155 76.9 31.8 95.4
157 99.9 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 50.372 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081104.D

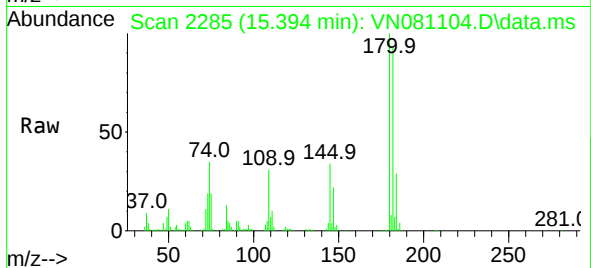
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:180 Resp: 268450

Ion Ratio Lower Upper

180 100

182 95.0 46.6 139.7

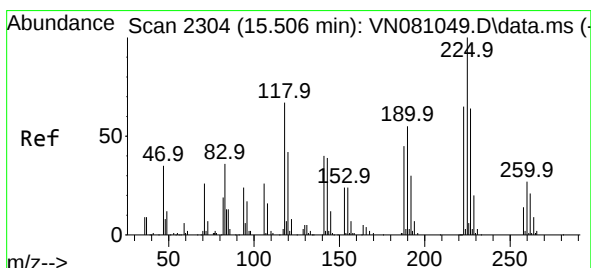
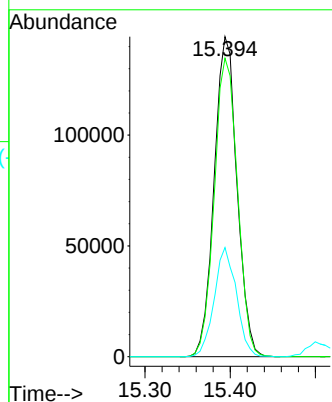
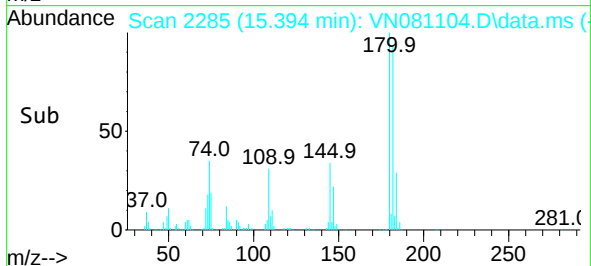
145 33.2 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#94

Hexachlorobutadiene

Concen: 46.506 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

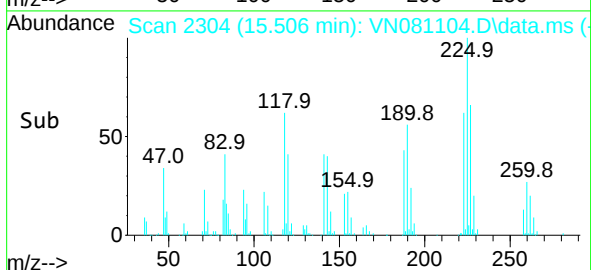
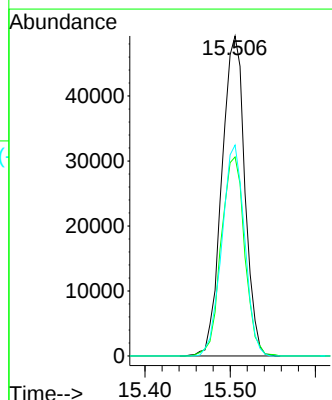
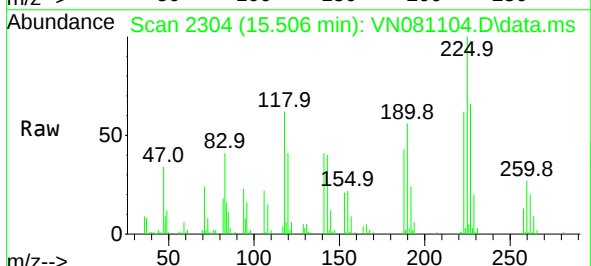
Tgt Ion:225 Resp: 92437

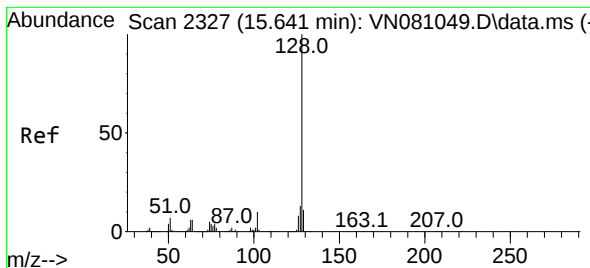
Ion Ratio Lower Upper

225 100

223 63.4 33.3 99.8

227 65.1 33.1 99.2





#95

Naphthalene

Concen: 52.751 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081104.D

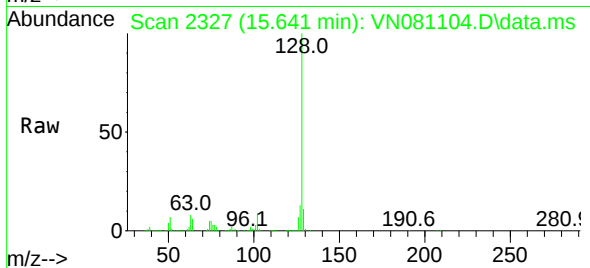
Acq: 20 Feb 2024 17:28

Instrument :

MSVOA_N

ClientSampleId :

20240768-AMENDED-COMP-39N-N-3-03MS



Tgt Ion:128 Resp: 103022

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

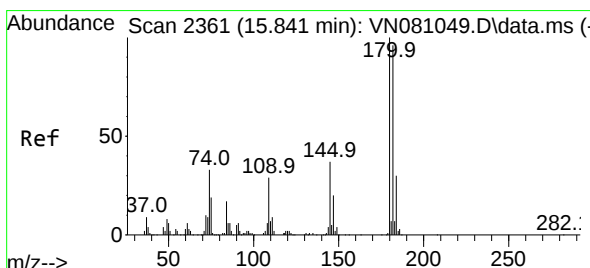
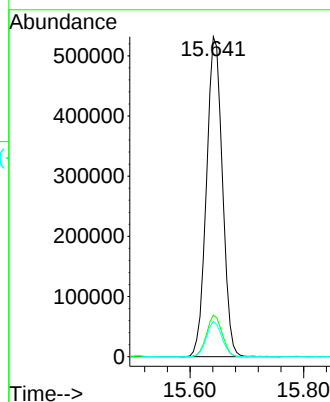
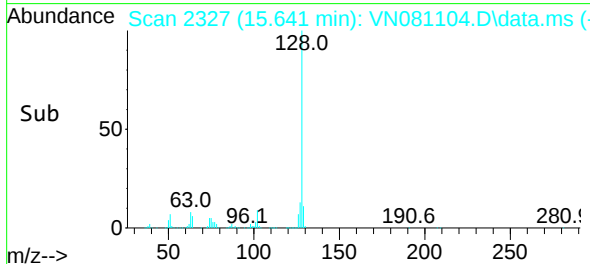
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/21/2024

Supervised By :Mahesh Dadoda 02/21/2024



#96

1,2,3-Trichlorobenzene

Concen: 50.859 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081104.D

Acq: 20 Feb 2024 17:28

Tgt Ion:180 Resp: 268890

Ion Ratio Lower Upper

180 100

182 95.1 46.5 139.3

145 35.1 17.8 53.4

