

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084254.D
 Acq On : 01 Oct 2024 21:06
 Operator : JC\MD
 Sample : P4226-04MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20240924MSD

Quant Time: Oct 02 02:10:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120962	55.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.000%
35) Dibromofluoromethane	8.165	113	93768	55.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.860%
50) Toluene-d8	10.565	98	356069	57.215	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	114.440%#
62) 4-Bromofluorobenzene	12.847	95	128092	56.498	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	113.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93017	53.016	ug/l	96
3) Chloromethane	2.359	50	105594	52.709	ug/l	100
4) Vinyl Chloride	2.512	62	104417	53.809	ug/l	100
5) Bromomethane	2.947	94	63804	49.848	ug/l	96
6) Chloroethane	3.118	64	66106	47.567	ug/l	98
7) Trichlorofluoromethane	3.500	101	164713	54.509	ug/l	98
8) Diethyl Ether	3.965	74	57619	51.413	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	92099	53.192	ug/l	99
10) Methyl Iodide	4.588	142	121872	54.657	ug/l	95
11) Tert butyl alcohol	5.512	59	91595	252.579	ug/l #	85
12) 1,1-Dichloroethene	4.341	96	89239	53.434	ug/l	96
13) Acrolein	4.183	56	106833	256.616	ug/l	98
14) Allyl chloride	5.024	41	142640	49.178	ug/l	100
15) Acrylonitrile	5.718	53	246872	269.580	ug/l	99
16) Acetone	4.430	43	206452	218.525	ug/l	98
17) Carbon Disulfide	4.712	76	259386	49.055	ug/l	98
18) Methyl Acetate	5.024	43	100631	48.870	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	305984	54.283	ug/l	98
20) Methylene Chloride	5.277	84	103119	53.694	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	93279	53.311	ug/l	98
22) Diisopropyl ether	6.671	45	331510	55.257	ug/l	100
23) Vinyl Acetate	6.606	43	1122947	252.360	ug/l	99
24) 1,1-Dichloroethane	6.571	63	183810	54.786	ug/l	98
25) 2-Butanone	7.482	43	329397	255.988	ug/l	99
26) 2,2-Dichloropropane	7.488	77	130037	42.986	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	114920	54.353	ug/l	97
28) Bromochloromethane	7.812	49	72984	48.755	ug/l	99
29) Tetrahydrofuran	7.841	42	219382	276.270	ug/l	99
30) Chloroform	7.965	83	189199	54.289	ug/l	96
31) Cyclohexane	8.253	56	161233	49.495	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	170863	54.590	ug/l	99
36) 1,1-Dichloropropene	8.371	75	132837	54.065	ug/l	100
37) Ethyl Acetate	7.559	43	129924	51.543	ug/l	99
38) Carbon Tetrachloride	8.365	117	149541	55.484	ug/l	96
39) Methylcyclohexane	9.600	83	148274	54.222	ug/l	98
40) Benzene	8.606	78	422104	55.140	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75985	55.527	ug/l	98
42) 1,2-Dichloroethane	8.671	62	142449	54.889	ug/l	99
43) Isopropyl Acetate	8.688	43	216520	43.854	ug/l	98
44) Trichloroethene	9.353	130	161779	90.484	ug/l	99
45) 1,2-Dichloropropane	9.618	63	102718	56.722	ug/l	99
46) Dibromomethane	9.712	93	70466	57.661	ug/l	98
47) Bromodichloromethane	9.888	83	149309	54.993	ug/l #	98
48) Methyl methacrylate	9.682	41	110916	56.435	ug/l	96
49) 1,4-Dioxane	9.694	88	40925	1131.059	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	677433	282.314	ug/l	100
52) Toluene	10.629	92	259606	55.612	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	145625	52.617	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	153781	51.658	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	94978	56.755	ug/l	96
56) Ethyl methacrylate	10.870	69	156357	56.782	ug/l	100
57) 1,3-Dichloropropane	11.165	76	165478	55.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.194	63	256	0.200	ug/l #	48
59) 2-Hexanone	11.194	43	495346	276.194	ug/l	100
60) Dibromochloromethane	11.359	129	111499	56.390	ug/l	99
61) 1,2-Dibromoethane	11.470	107	95291	54.800	ug/l	99
64) Tetrachloroethene	11.100	164	84754	52.563	ug/l	97
65) Chlorobenzene	11.888	112	269878	52.578	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	96521	54.594	ug/l	99
67) Ethyl Benzene	11.964	91	490111	53.993	ug/l	100
68) m/p-Xylenes	12.070	106	372365	110.896	ug/l	100
69) o-Xylene	12.394	106	178053	56.047	ug/l	99
70) Styrene	12.412	104	305969	56.861	ug/l	99
71) Bromoform	12.576	173	72032	55.340	ug/l #	97
73) Isopropylbenzene	12.694	105	453773	52.703	ug/l	100
74) N-ethyl acetate	12.494	43	188132	48.252	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	133444	51.543	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	114159m	49.559	ug/l	
77) Bromobenzene	12.976	156	107628	51.823	ug/l	96
78) n-propylbenzene	13.035	91	541347	54.267	ug/l	99
79) 2-Chlorotoluene	13.123	91	332277	52.200	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	385004	54.818	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43717	45.501	ug/l	97
82) 4-Chlorotoluene	13.217	91	338789	52.870	ug/l	100
83) tert-Butylbenzene	13.435	119	329875	52.845	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	391992	55.404	ug/l	99
85) sec-Butylbenzene	13.617	105	449382	53.948	ug/l	99
86) p-Isopropyltoluene	13.729	119	376347	54.637	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	202923	52.083	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	199360	50.669	ug/l	99
89) n-Butylbenzene	14.053	91	322710	51.668	ug/l	100
90) Hexachloroethane	14.329	117	70757	50.607	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	194207	50.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26627	49.839	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	93607	49.745	ug/l	100
94) Hexachlorobutadiene	15.500	225	41248	43.955	ug/l	98
95) Naphthalene	15.641	128	307022	49.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93539	49.659	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

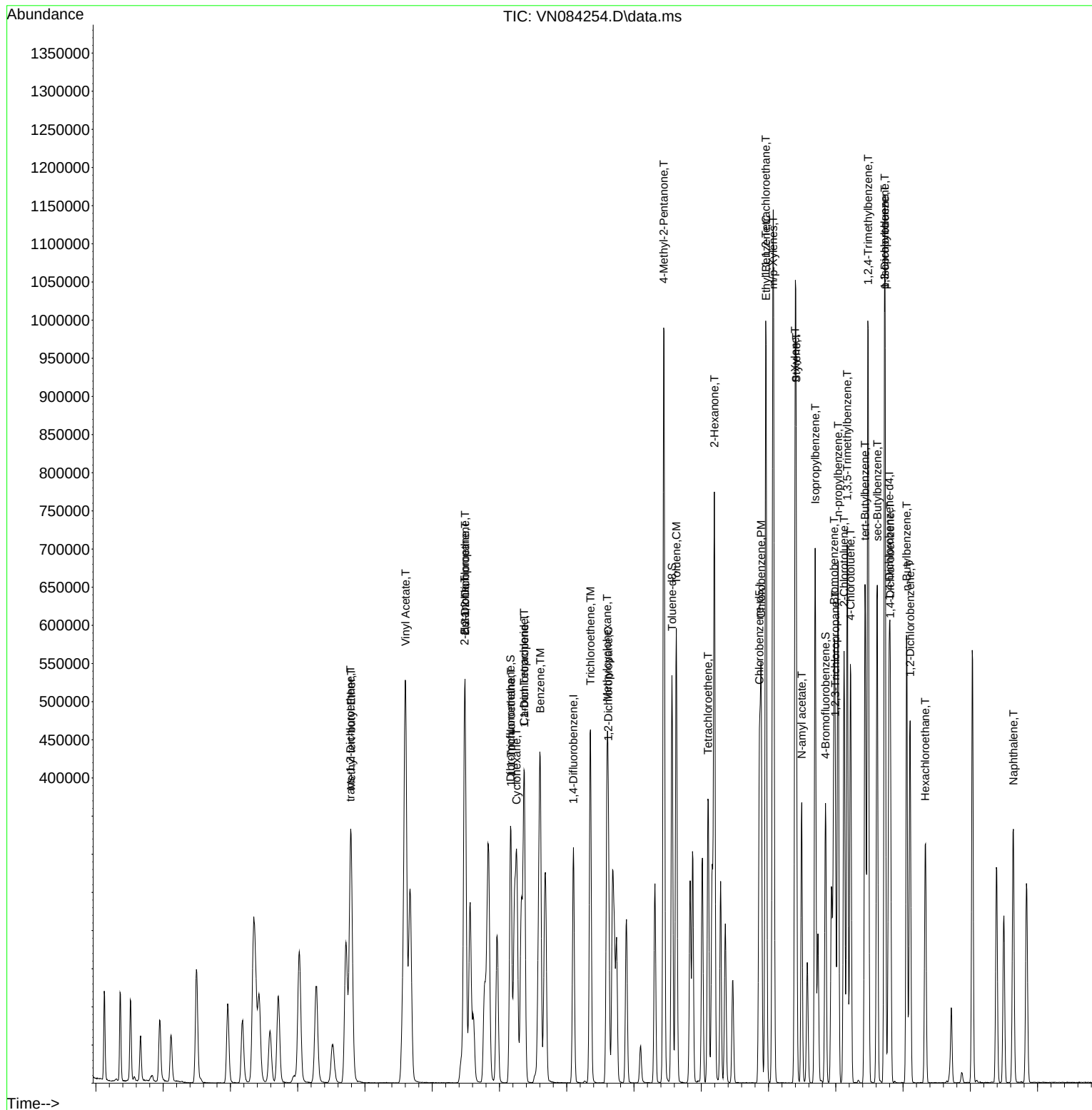
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
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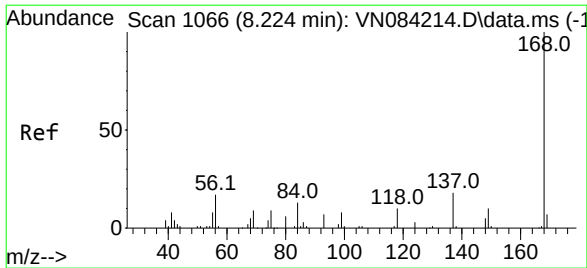
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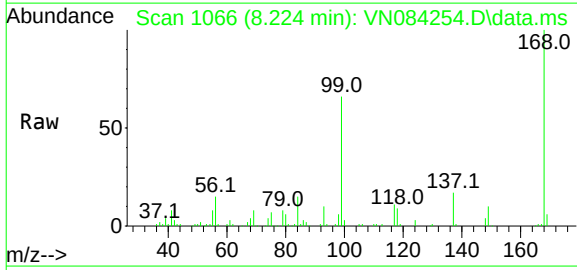
Reviewed By : John Carlone 10/02/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084254.D
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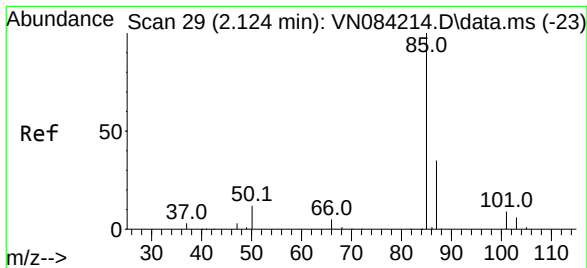
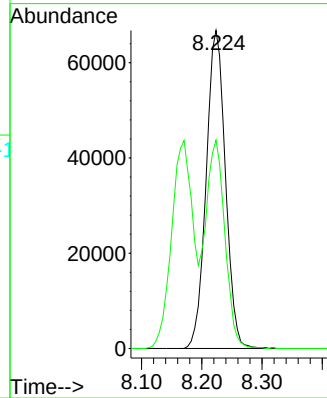
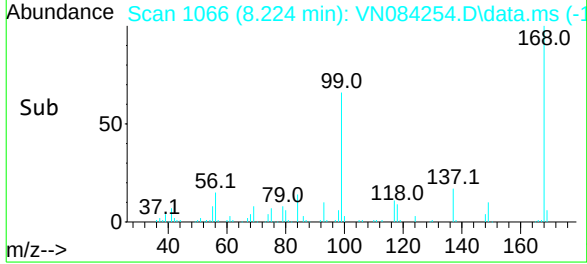
Instrument : MSVOA_N
ClientSampleId : TT172S1-20240924MSD



Tgt Ion: 168 Resp: 148329
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2

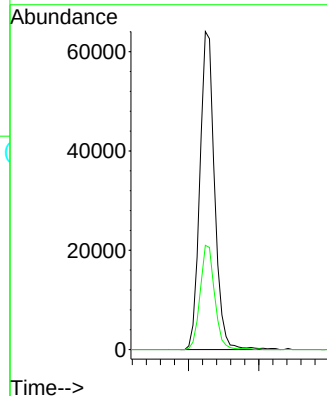
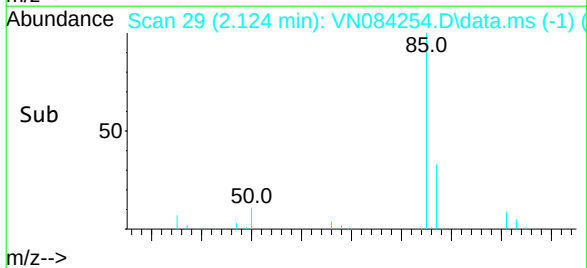
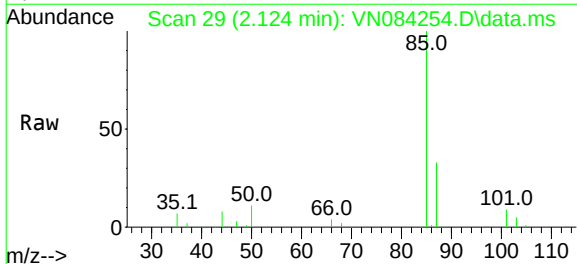
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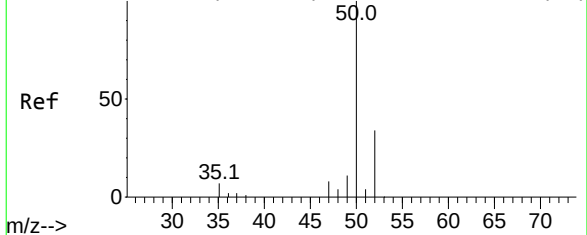


#2
Dichlorodifluoromethane
Concen: 53.016 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion: 85 Resp: 93017
Ion Ratio Lower Upper
85 100
87 32.8 17.6 52.9



Abundance Scan 69 (2.359 min): VN084214.D\data.ms (-63)



#3

Chloromethane

Concen: 52.709 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

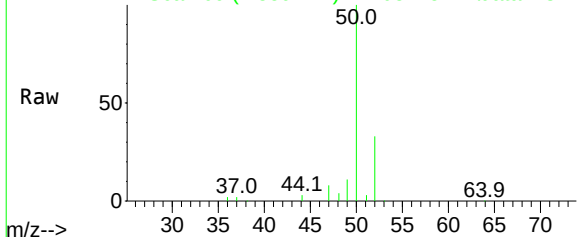
Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD

Abundance Scan 69 (2.359 min): VN084254.D\data.ms



Tgt Ion: 50 Resp: 105594

Ion Ratio Lower Upper

50 100

52 33.2 26.8 40.2

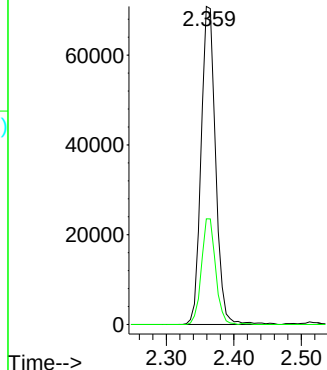
Manual Integrations

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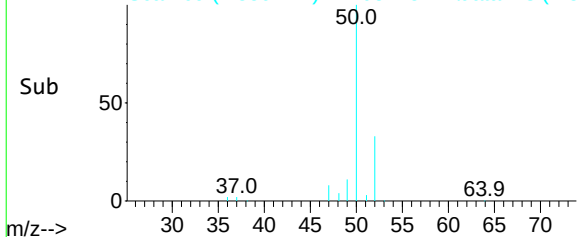
Reviewed By :John Carlone 10/02/2024

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Abundance



Abundance Scan 69 (2.359 min): VN084254.D\data.ms (-18)



#4

Vinyl Chloride

Concen: 53.809 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

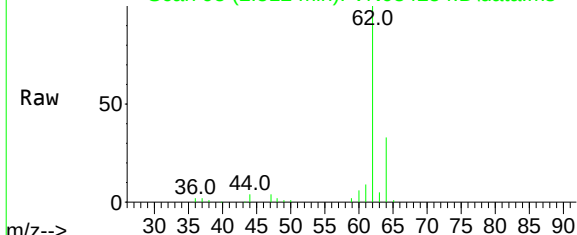
Tgt Ion: 62 Resp: 104417

Ion Ratio Lower Upper

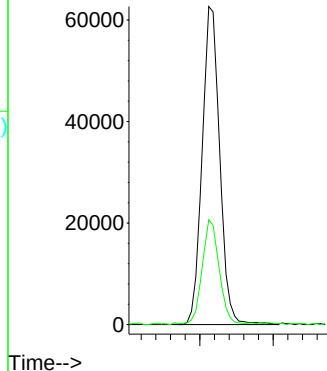
62 100

64 32.7 26.2 39.4

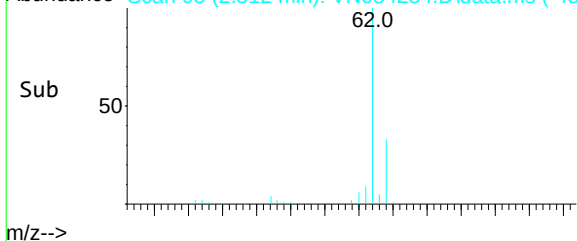
Abundance Scan 95 (2.512 min): VN084254.D\data.ms

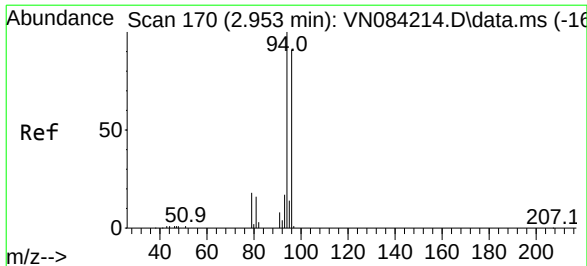


Abundance



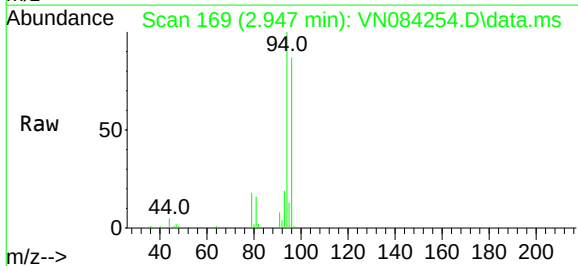
Abundance Scan 95 (2.512 min): VN084254.D\data.ms (-45)





#5
Bromomethane
Concen: 49.848 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

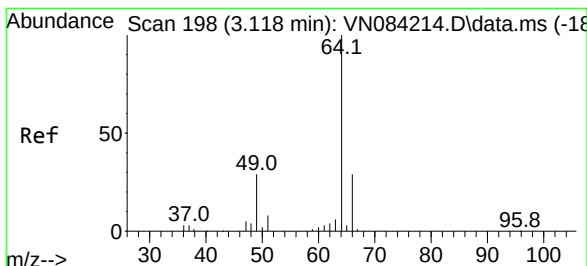
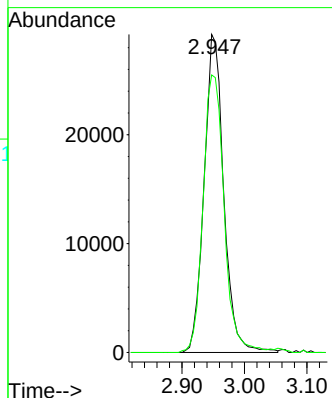
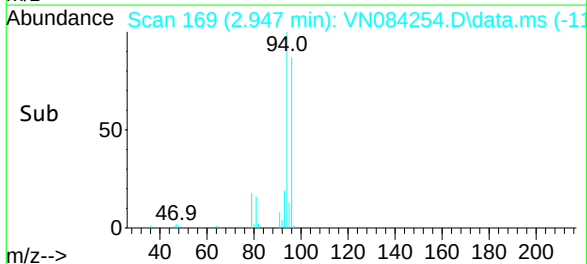
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Tgt Ion: 94 Resp: 63804
Ion Ratio Lower Upper
94 100
96 87.3 72.9 109.3

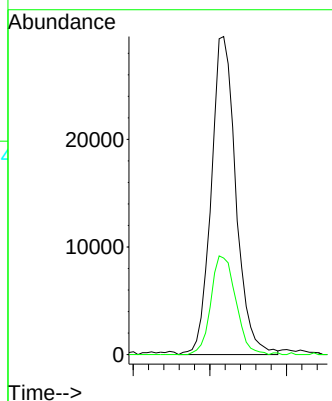
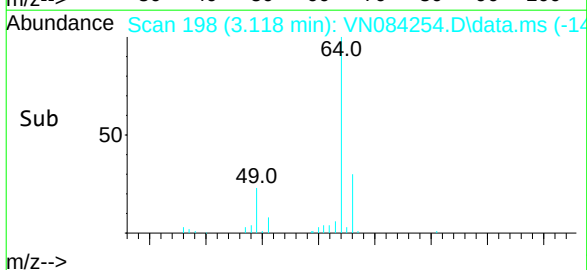
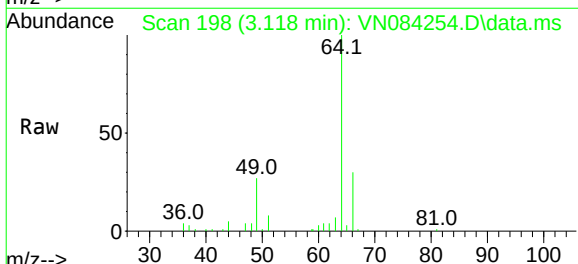
Manual Integrations
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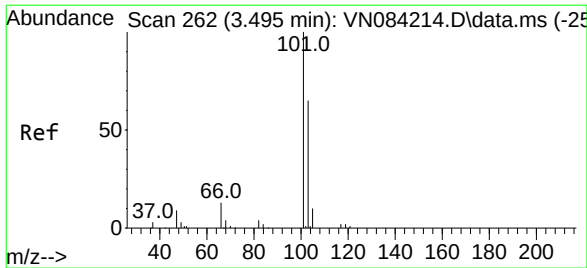
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#6
Chloroethane
Concen: 47.567 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

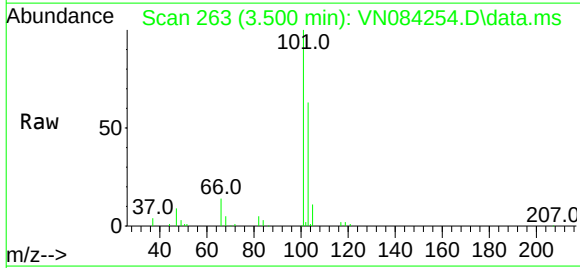
Tgt Ion: 64 Resp: 66106
Ion Ratio Lower Upper
64 100
66 30.4 23.5 35.3





#7
Trichlorofluoromethane
Concen: 54.509 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

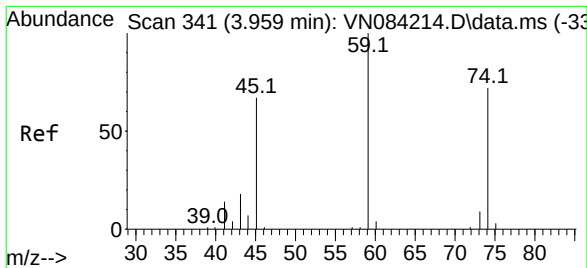
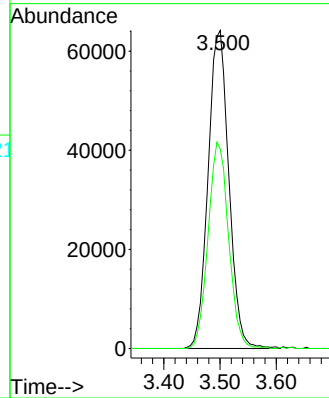
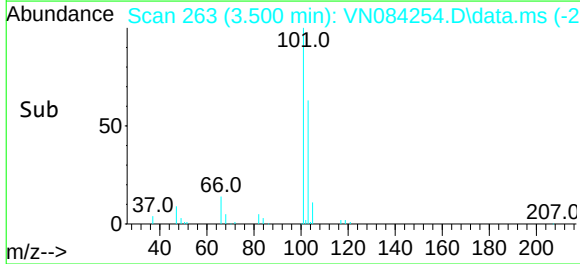
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion:101 Resp: 164713
Ion Ratio Lower Upper
101 100
103 62.8 51.8 77.6

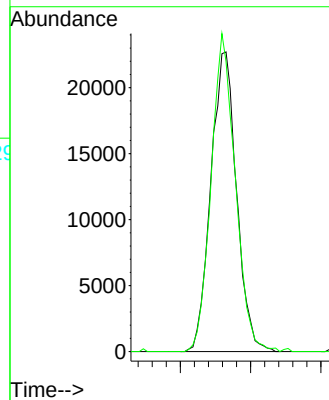
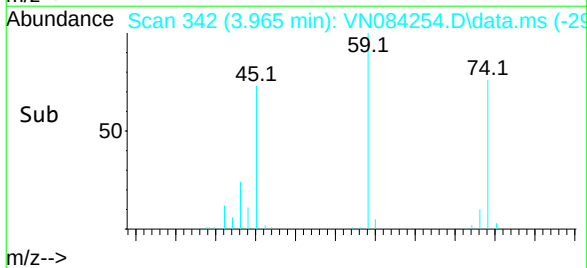
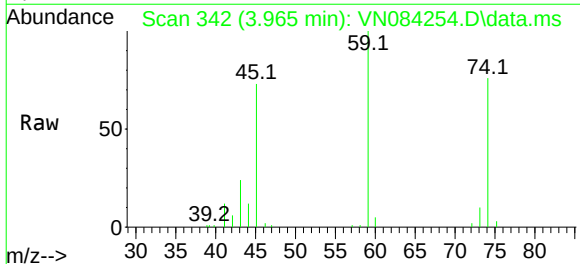
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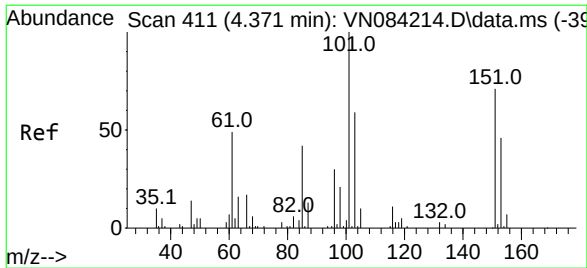
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#8
Diethyl Ether
Concen: 51.413 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

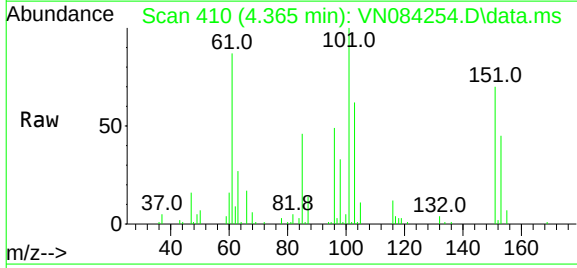
Tgt Ion: 74 Resp: 57619
Ion Ratio Lower Upper
74 100
45 100.1 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.192 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

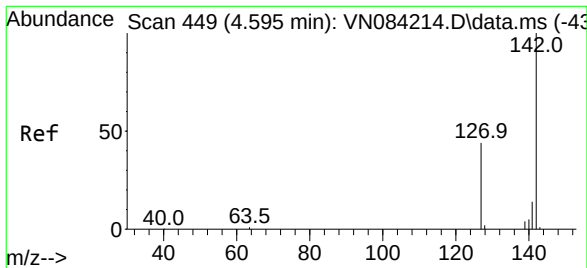
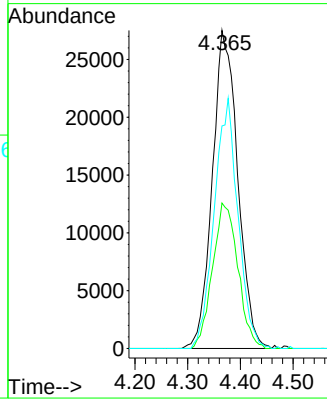
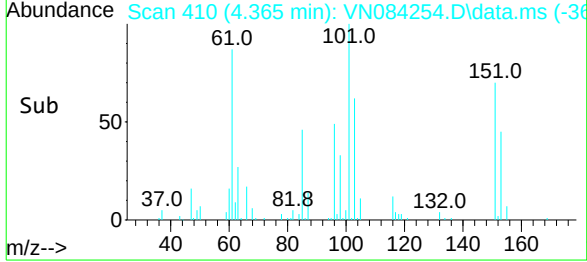
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion:101 Resp: 92099
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 73.7 59.3 88.9

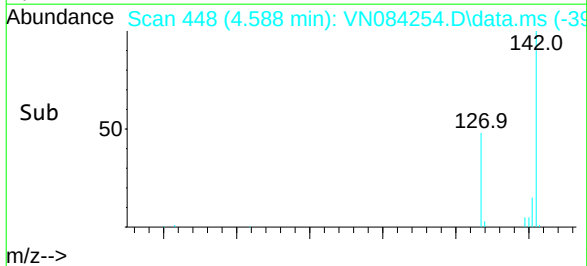
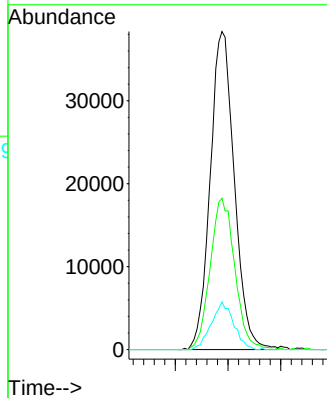
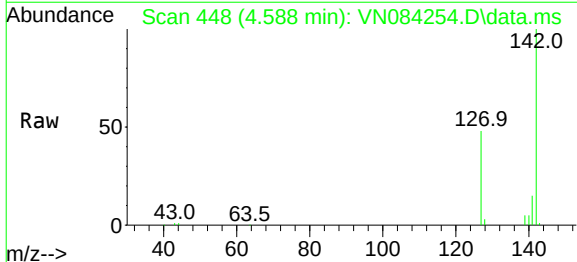
Manual Integrations
APPROVED

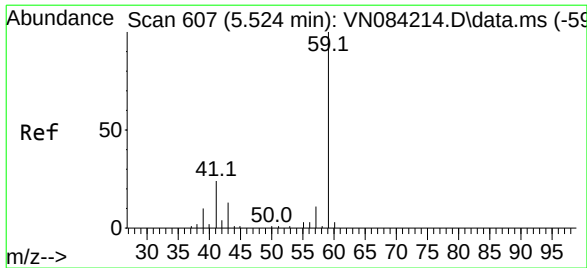
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#10
Methyl Iodide
Concen: 54.657 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

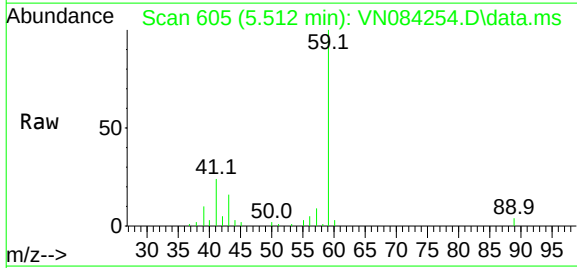
Tgt Ion:142 Resp: 121872
Ion Ratio Lower Upper
142 100
127 47.6 35.3 52.9
141 15.0 11.0 16.6





#11
Tert butyl alcohol
Concen: 252.579 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

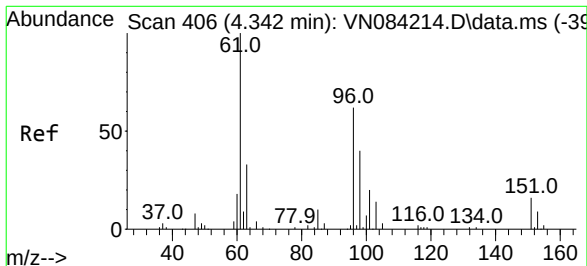
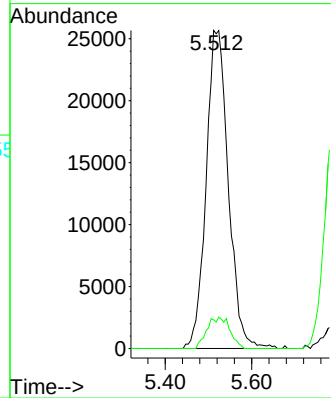
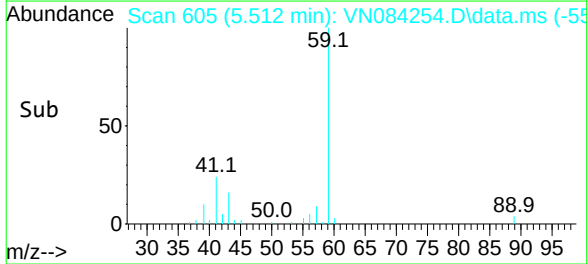
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 59 Resp: 91595
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.2#

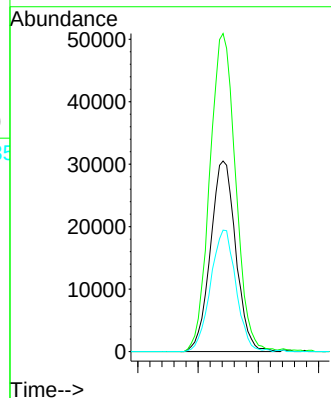
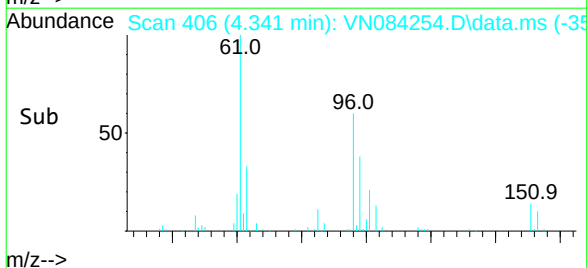
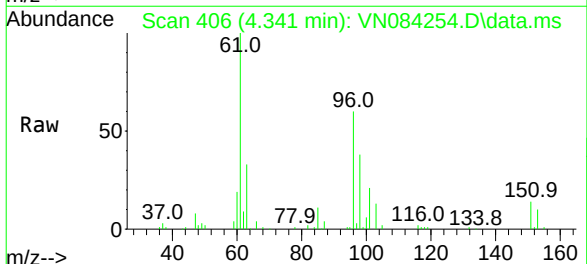
Manual Integrations
APPROVED

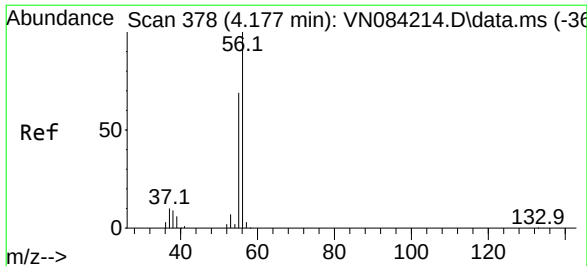
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#12
1,1-Dichloroethene
Concen: 53.434 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion: 96 Resp: 89239
Ion Ratio Lower Upper
96 100
61 166.9 128.6 192.8
98 63.7 51.7 77.5





#13

Acrolein

Concen: 256.616 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD

Tgt Ion: 56 Resp: 106833

Ion Ratio Lower Upper

56 100

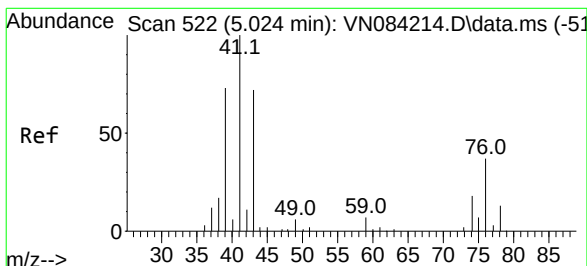
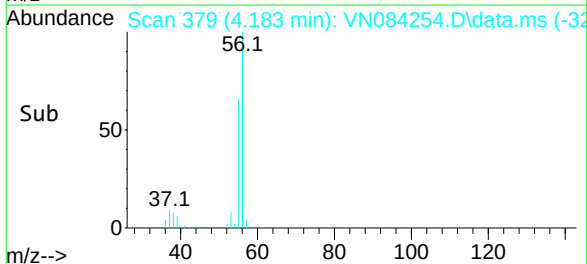
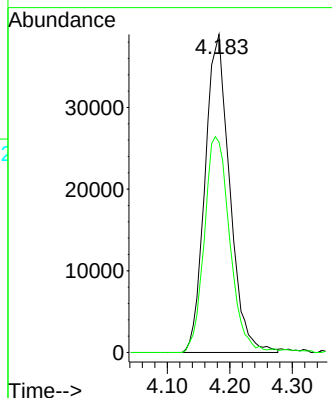
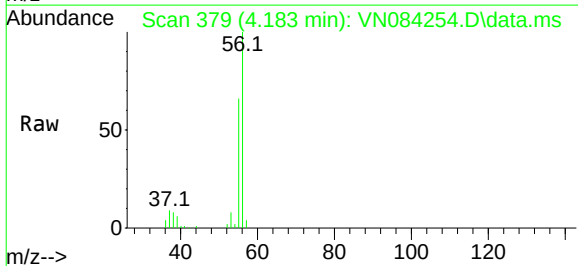
55 69.7 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#14

Allyl chloride

Concen: 49.178 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

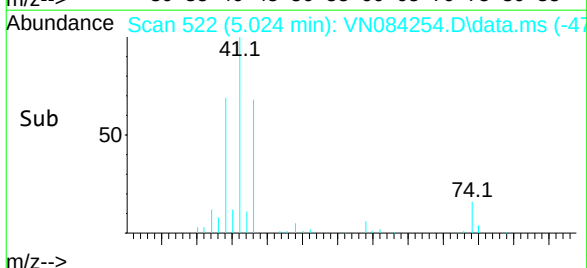
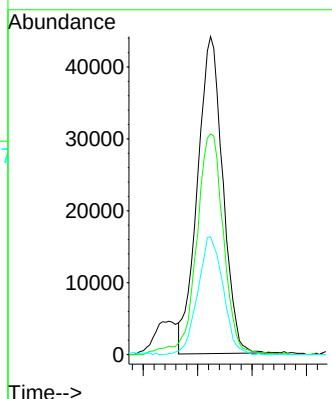
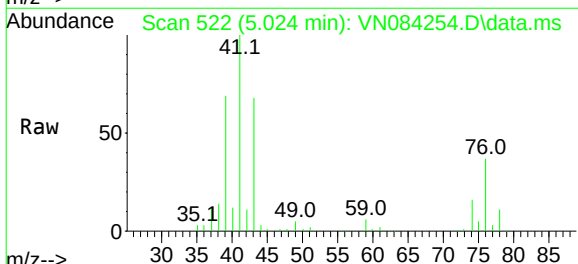
Tgt Ion: 41 Resp: 142640

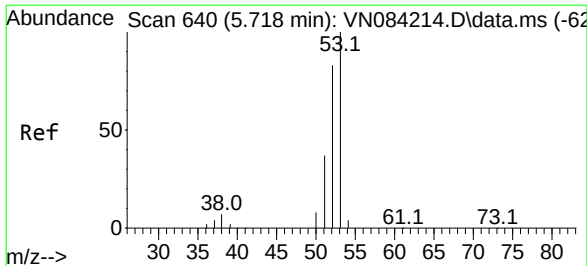
Ion Ratio Lower Upper

41 100

39 74.0 59.0 88.6

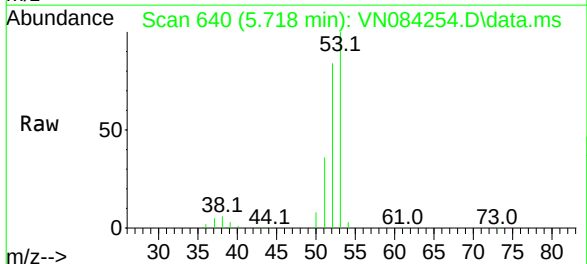
76 37.1 29.8 44.6





#15
Acrylonitrile
Concen: 269.580 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

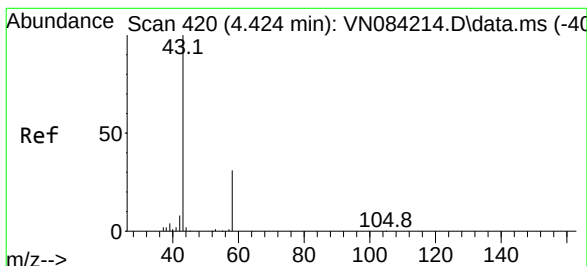
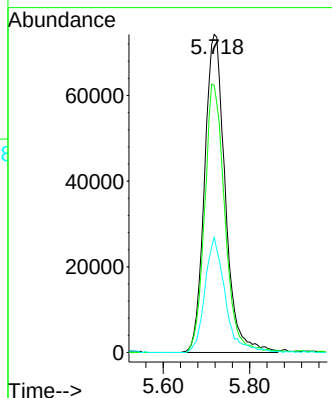
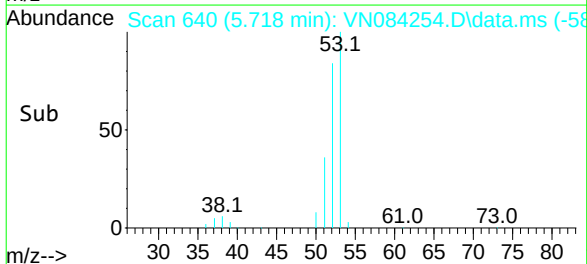
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 53 Resp: 246872
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 35.6 28.8 43.2

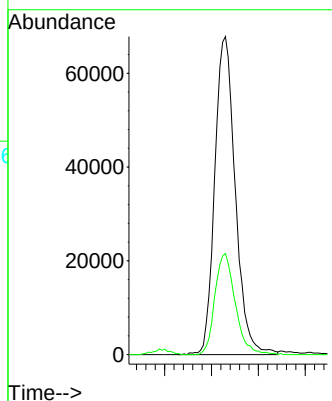
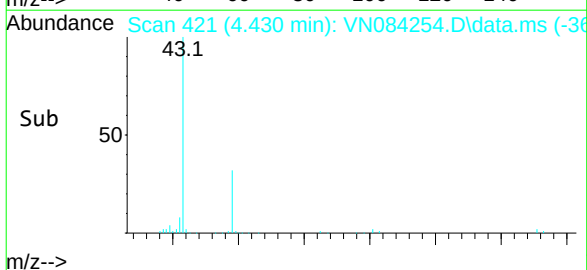
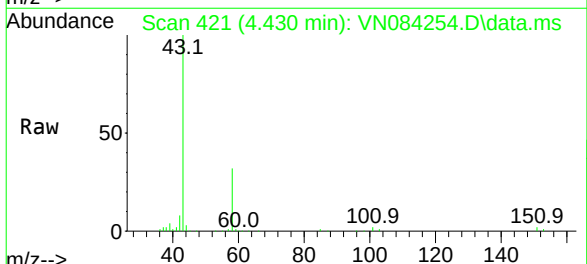
Manual Integrations
APPROVED

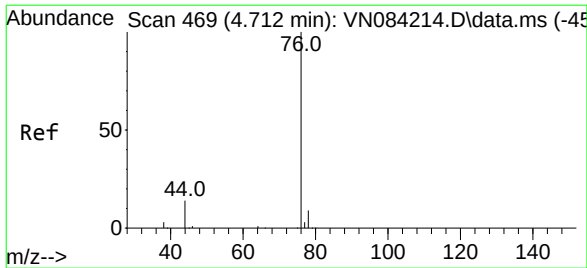
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#16
Acetone
Concen: 218.525 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

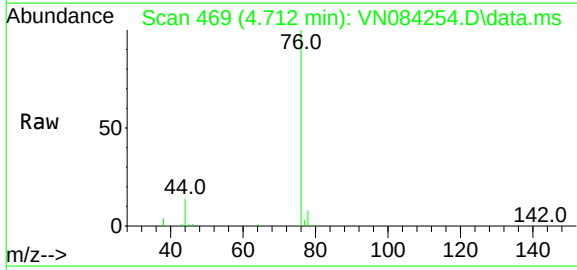
Tgt Ion: 43 Resp: 206452
Ion Ratio Lower Upper
43 100
58 31.8 24.4 36.6





#17
Carbon Disulfide
Concen: 49.055 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

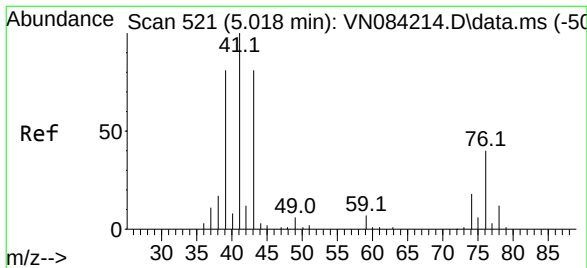
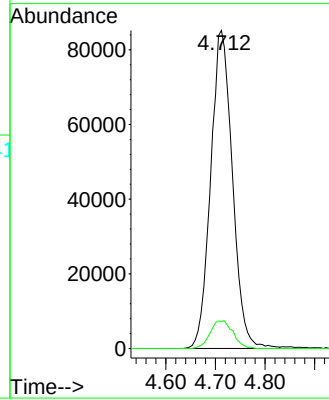
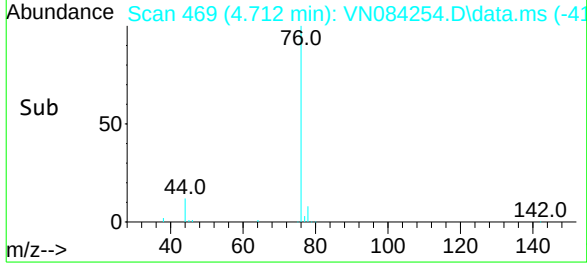
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 76 Resp: 259386
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

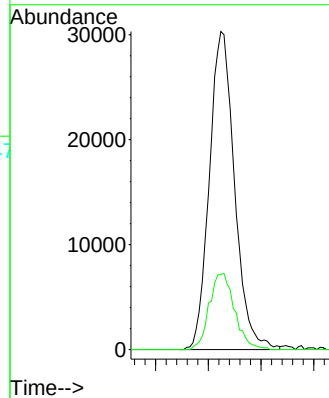
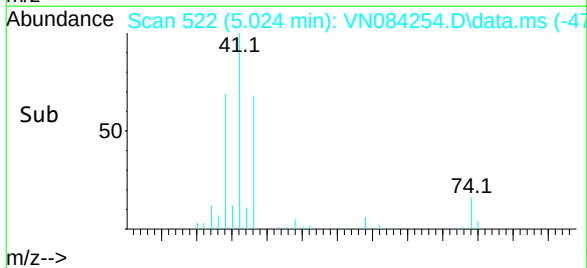
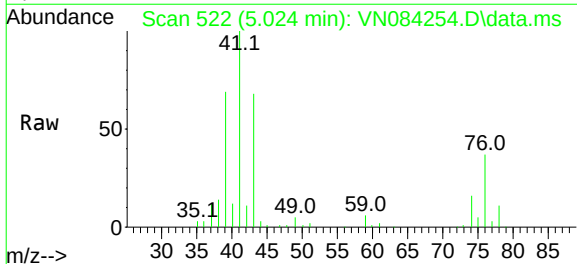
Manual Integrations
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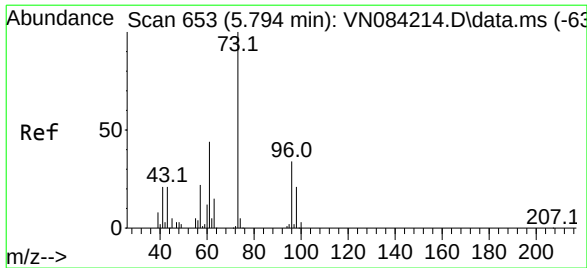
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#18
Methyl Acetate
Concen: 48.870 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

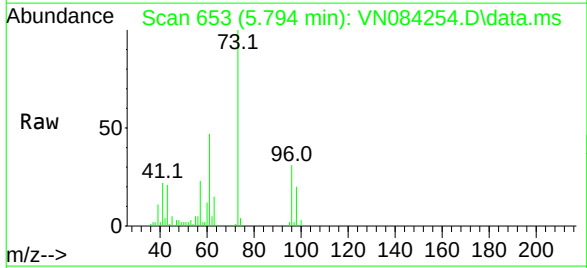
Tgt Ion: 43 Resp: 100631
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 54.283 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

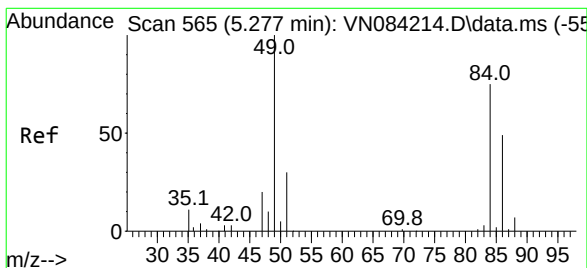
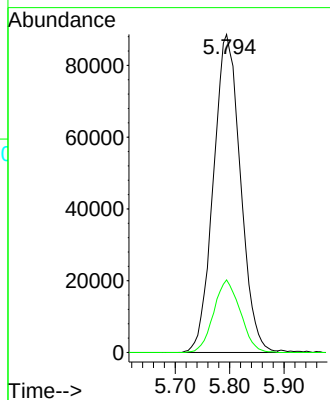
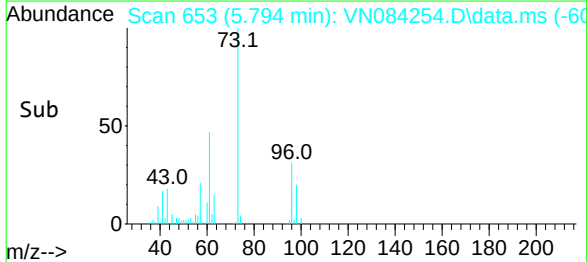
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 73 Resp: 305984
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5

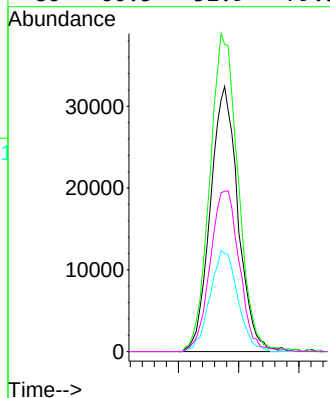
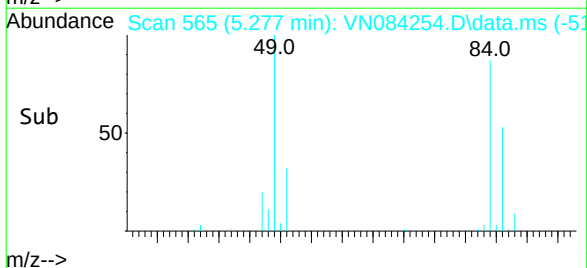
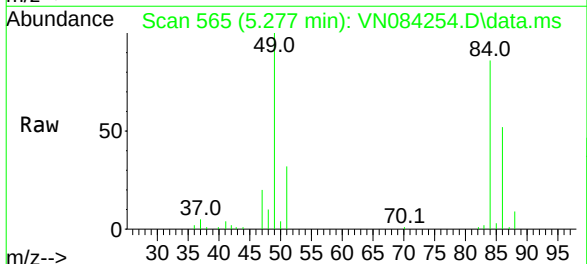
Manual Integrations
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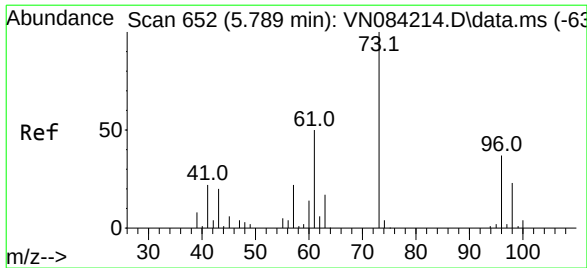
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#20
Methylene Chloride
Concen: 53.694 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

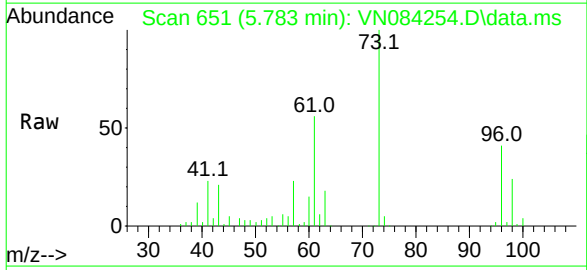
Tgt Ion: 84 Resp: 103119
Ion Ratio Lower Upper
84 100
49 115.9 107.2 160.8
51 37.1 31.8 47.8
86 60.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 53.311 ug/l
RT: 5.783 min Scan# 65
Delta R.T. -0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

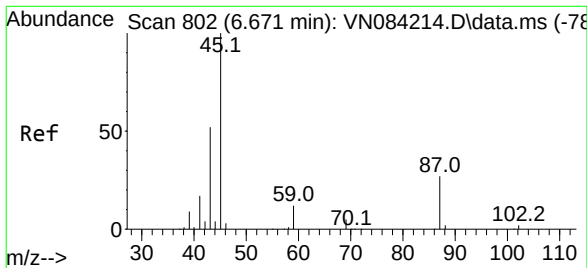
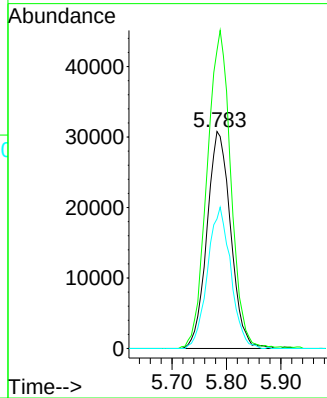
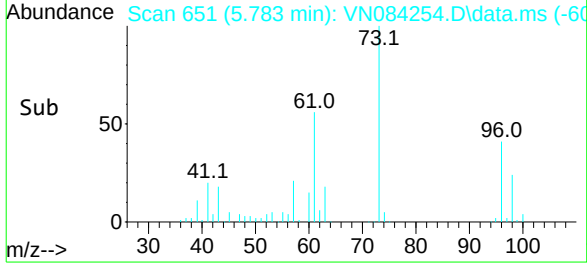
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 96 Resp: 93279
Ion Ratio Lower Upper
96 100
61 137.3 108.4 162.6
98 59.7 49.8 74.8

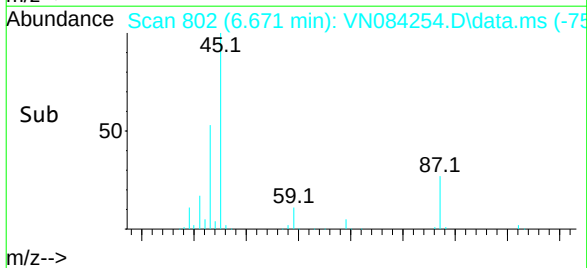
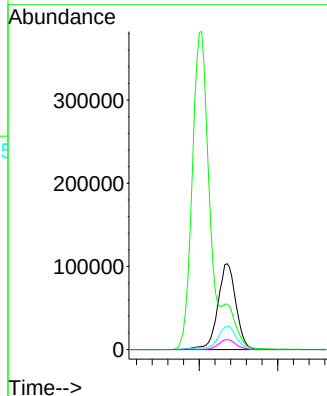
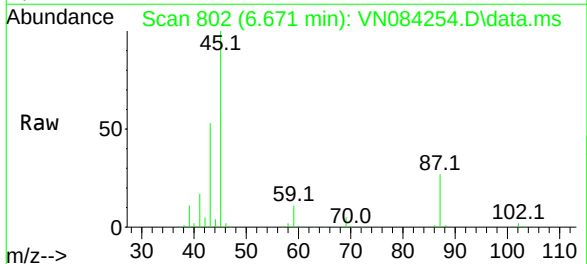
Manual Integrations
APPROVED

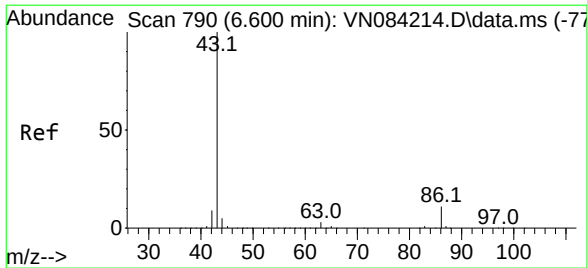
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#22
Diisopropyl ether
Concen: 55.257 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion: 45 Resp: 331510
Ion Ratio Lower Upper
45 100
43 52.9 42.3 63.5
87 26.9 21.8 32.6
59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 252.360 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD

Tgt Ion: 43 Resp: 1122947

Ion Ratio Lower Upper

43 100

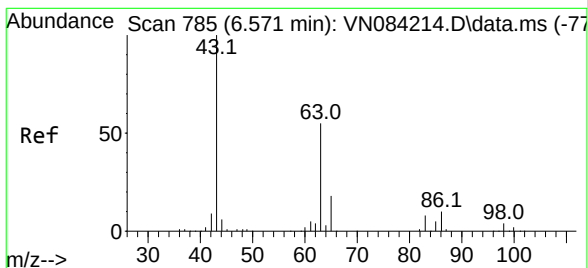
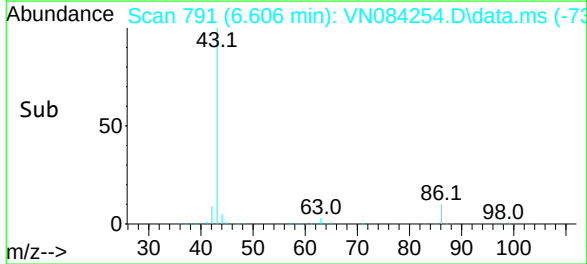
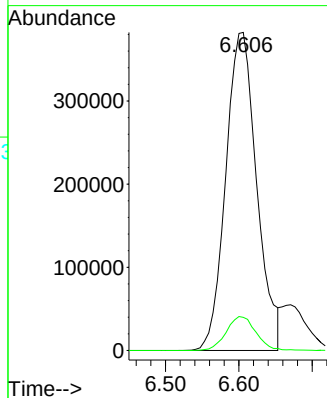
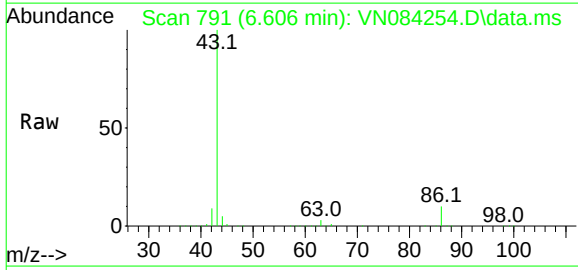
86 10.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#24

1,1-Dichloroethane

Concen: 54.786 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

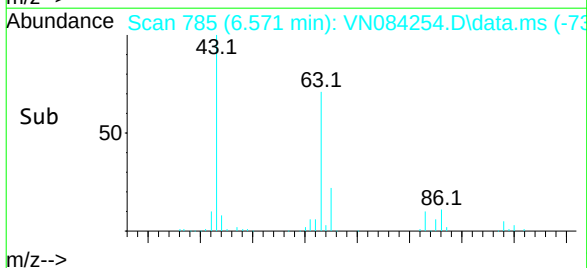
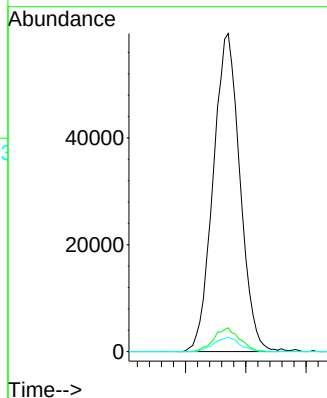
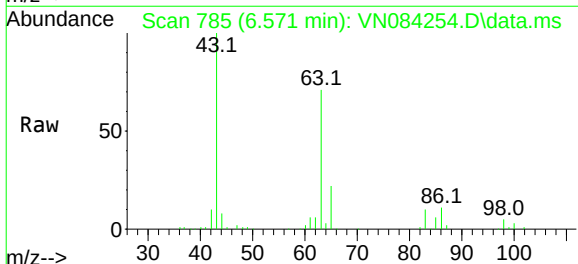
Tgt Ion: 63 Resp: 183810

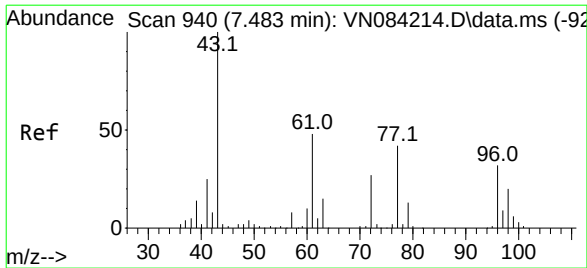
Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

100 4.5 2.0 5.8





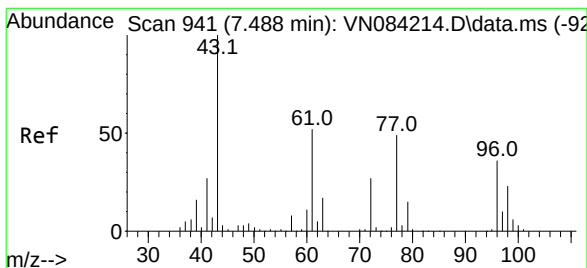
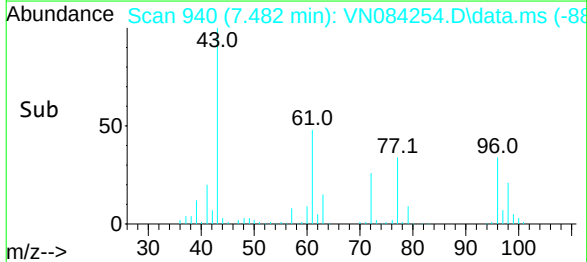
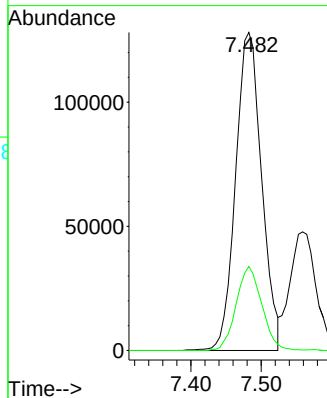
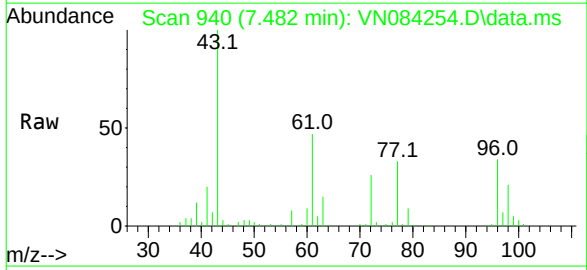
#25
2-Butanone
Concen: 255.988 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD

Tgt Ion: 43 Resp: 329397
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2

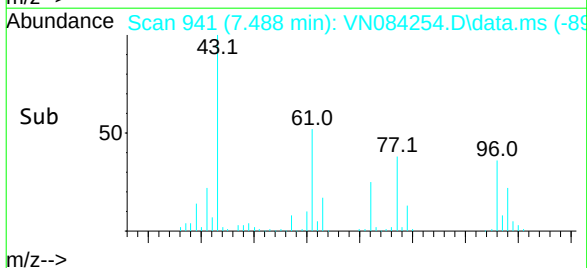
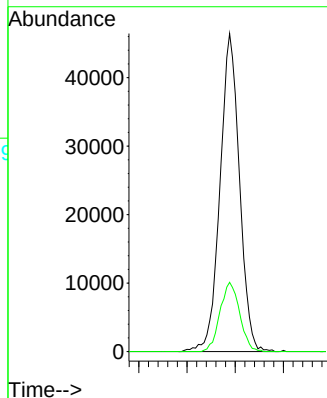
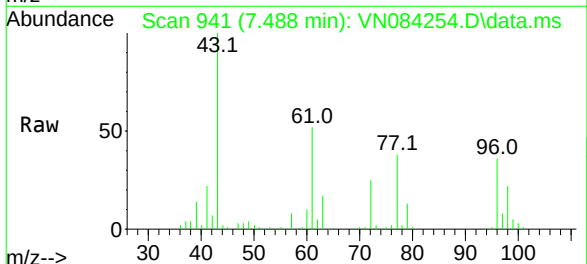
Manual Integrations
APPROVED

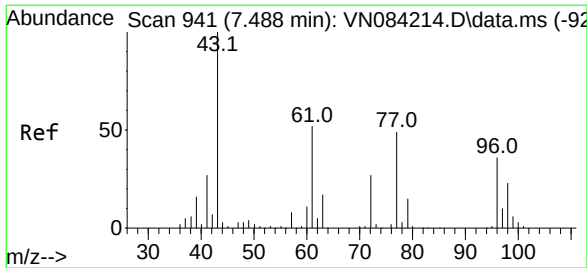
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#26
2,2-Dichloropropane
Concen: 42.986 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

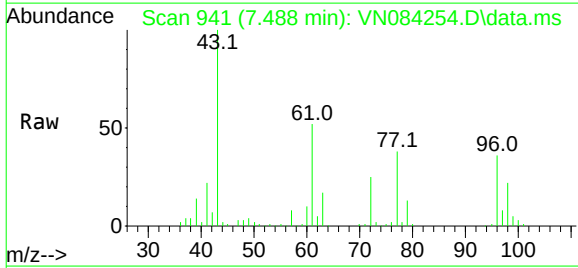
Tgt Ion: 77 Resp: 130037
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 54.353 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

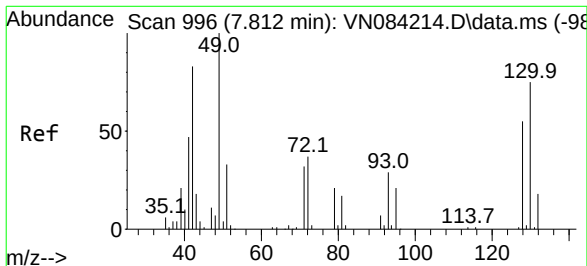
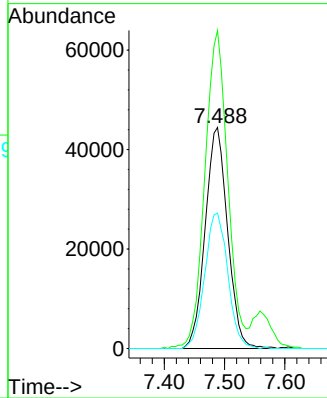
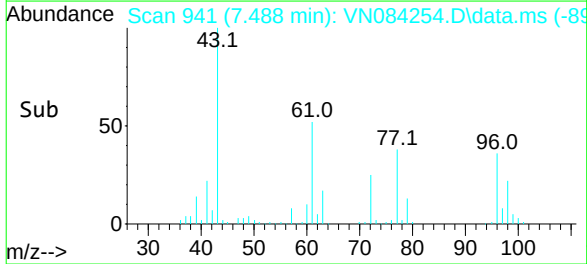
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 96 Resp: 114920
Ion Ratio Lower Upper
96 100
61 146.4 0.0 301.8
98 63.0 0.0 128.2

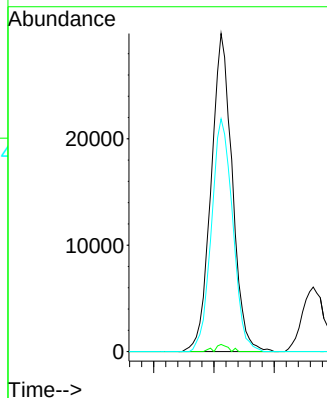
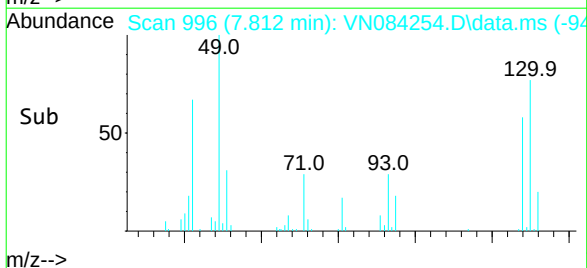
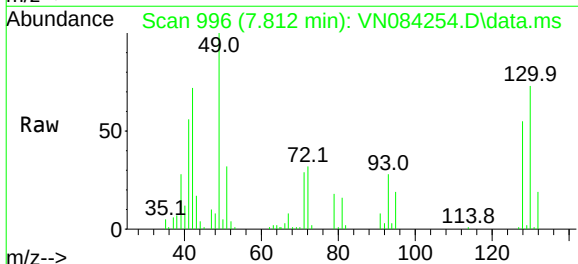
Manual Integrations
APPROVED

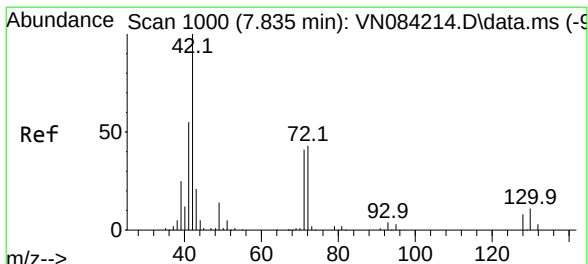
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#28
Bromochloromethane
Concen: 48.755 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion: 49 Resp: 72984
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.6
130 73.5 58.0 87.0





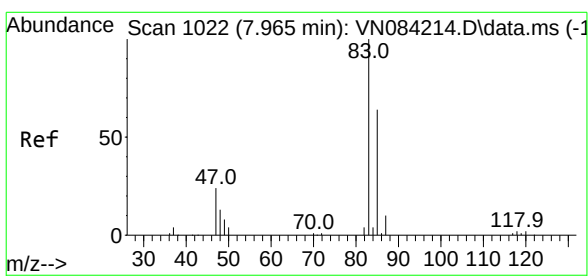
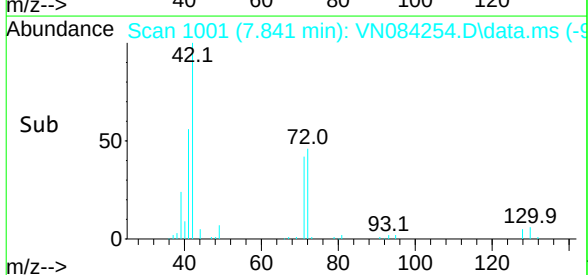
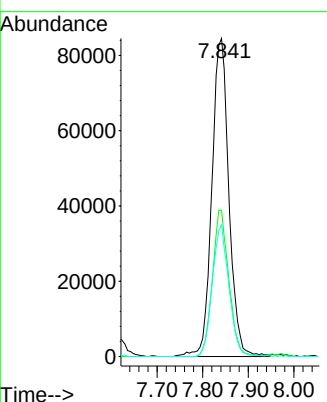
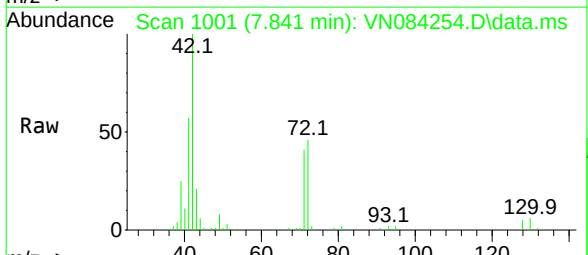
#29
Tetrahydrofuran
Concen: 276.270 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument : MSVOA_N
ClientSampleId : TT172S1-20240924MSD

Tgt Ion: 42 Resp: 219382

Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.6	51.8
71	40.4	32.2	48.4

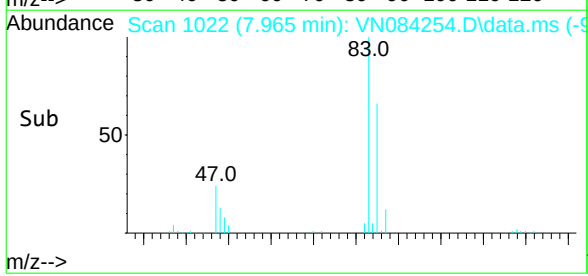
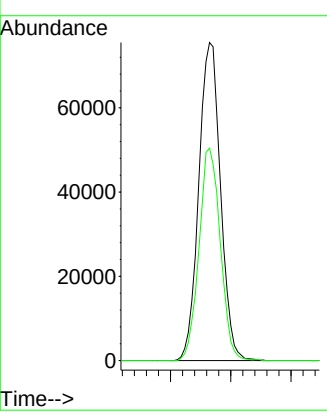
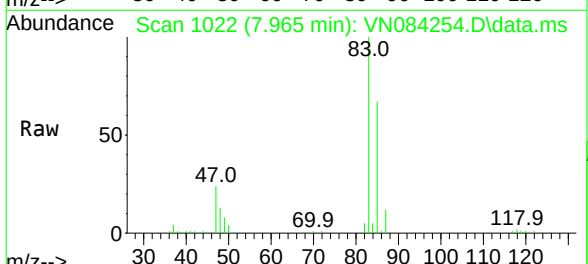
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

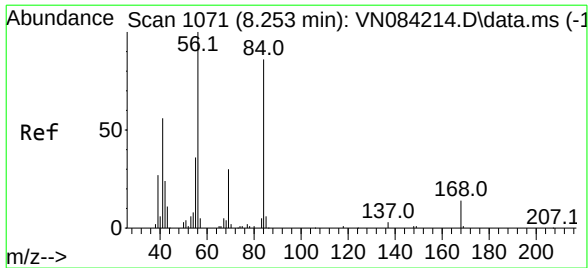


#30
Chloroform
Concen: 54.289 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion: 83 Resp: 189199

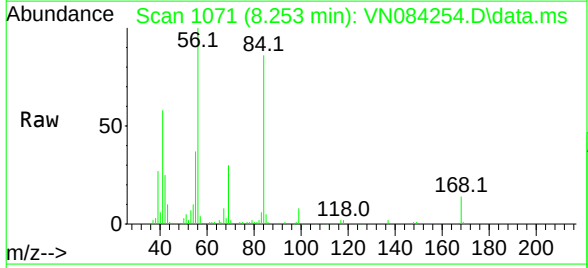
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.0	76.4





#31
Cyclohexane
Concen: 49.495 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

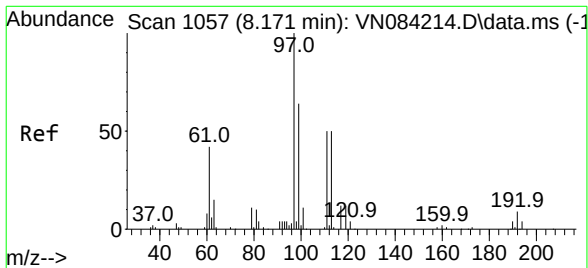
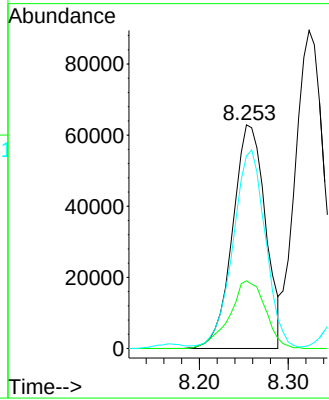
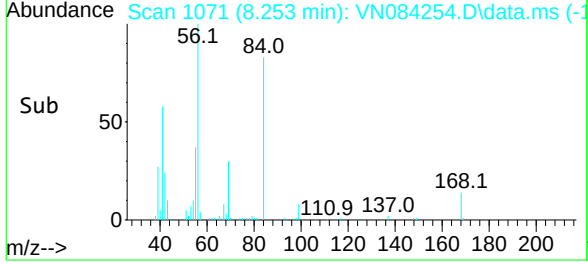
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 56 Resp: 161233
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.6
84 84.4 68.8 103.2

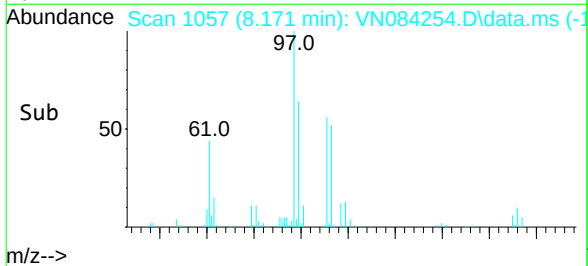
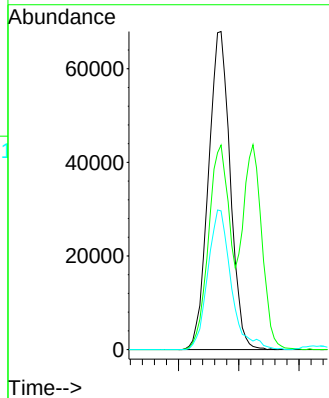
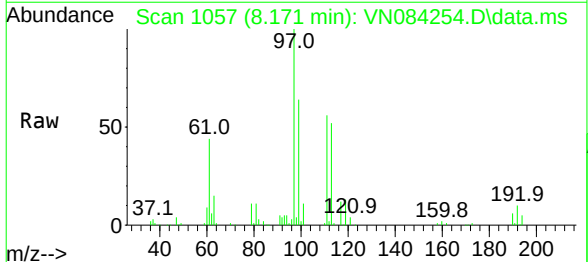
Manual Integrations
APPROVED

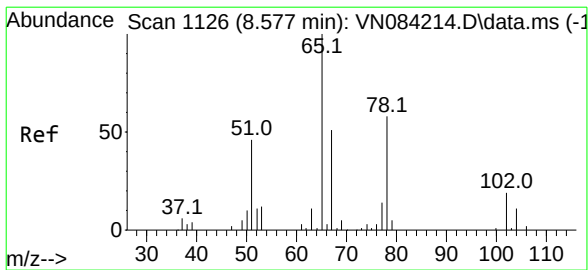
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#32
1,1,1-Trichloroethane
Concen: 54.590 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

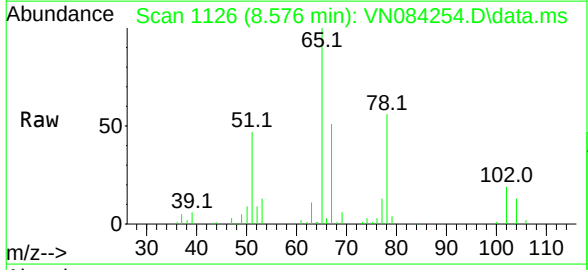
Tgt Ion: 97 Resp: 170863
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 47.0 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 55.001 ug/l
 RT: 8.576 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084254.D
 Acq: 01 Oct 2024 21:06

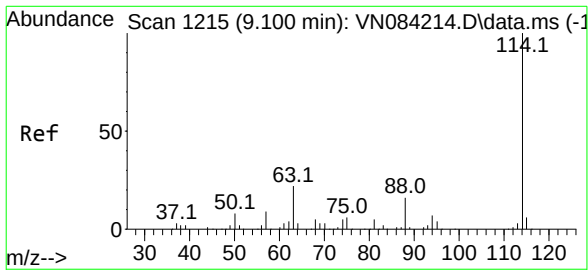
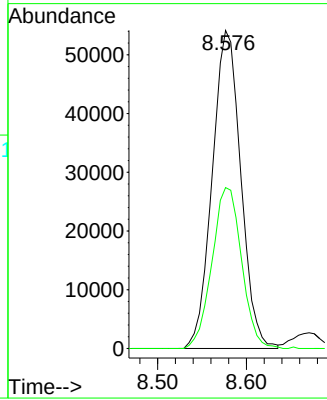
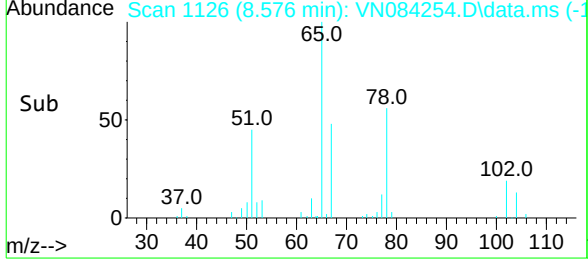
Instrument : MSVOA_N
 ClientSampleId : TT172S1-20240924MSD



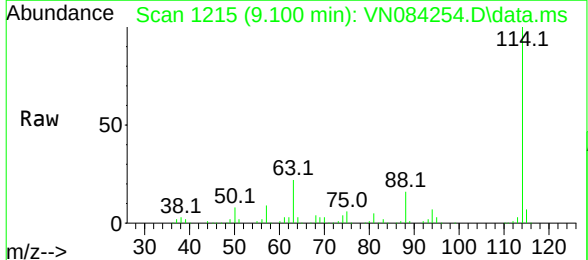
Tgt Ion: 65 Resp: 120962
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.0

Manual Integrations
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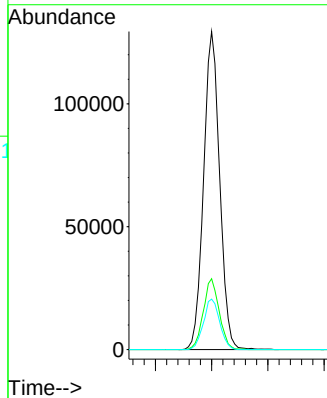
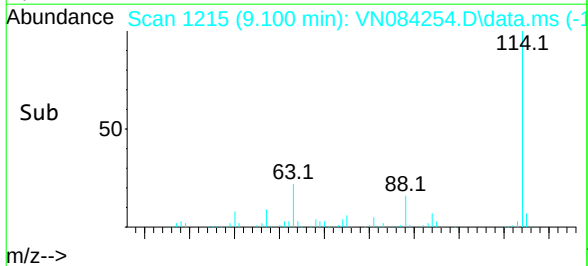
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

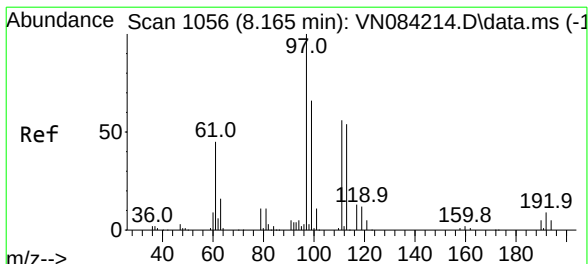


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084254.D
 Acq: 01 Oct 2024 21:06



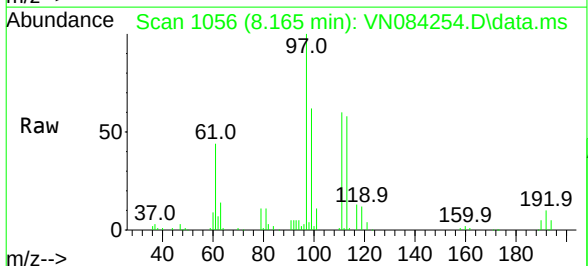
Tgt Ion:114 Resp: 256578
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 15.9 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 55.434 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084254.D
 Acq: 01 Oct 2024 21:06

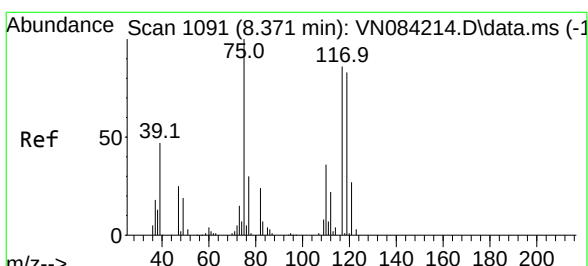
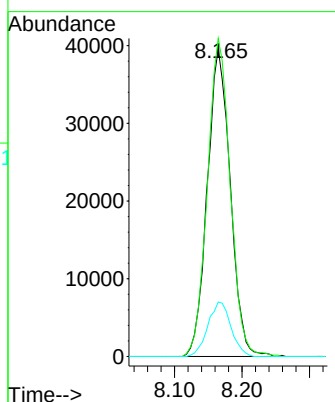
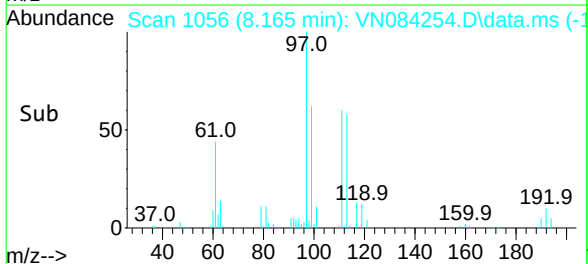
Instrument : MSVOA_N
 ClientSampleId : TT172S1-20240924MSD



Tgt Ion:	113	Resp:	93768
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.3	124.9
192	17.8	13.5	20.3

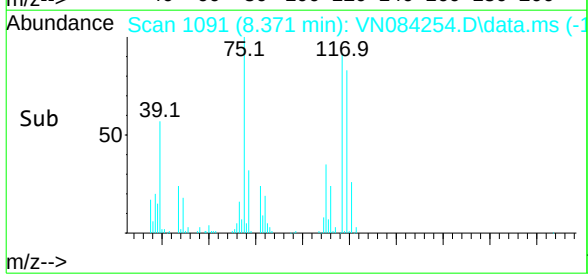
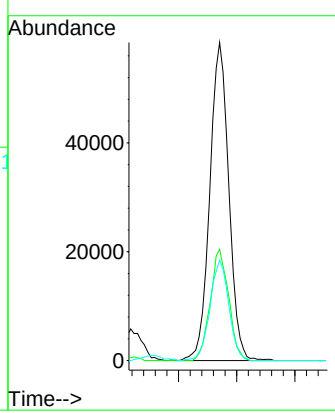
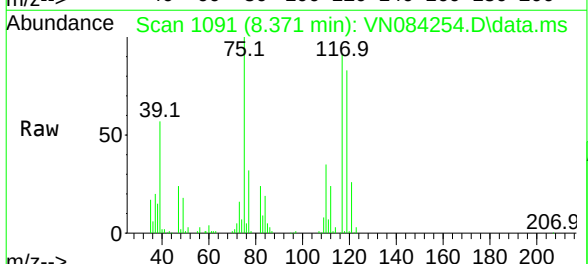
Manual Integrations
 APPROVED

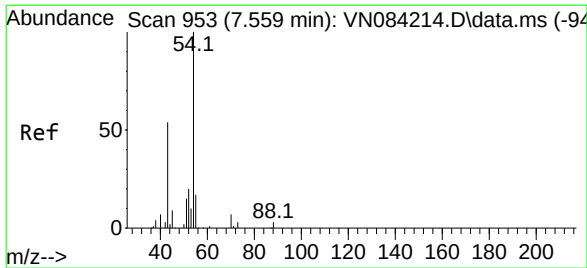
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#36
 1,1-Dichloropropene
 Concen: 54.065 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084254.D
 Acq: 01 Oct 2024 21:06

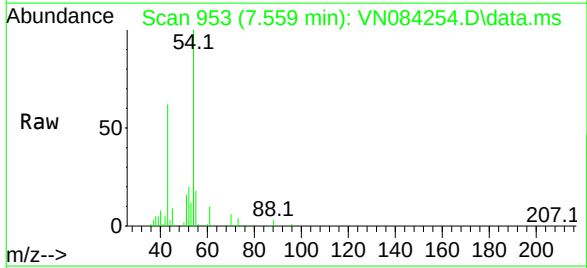
Tgt Ion:	75	Resp:	132837
Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.9	50.7
77	31.4	24.7	37.1





#37
Ethyl Acetate
Concen: 51.543 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

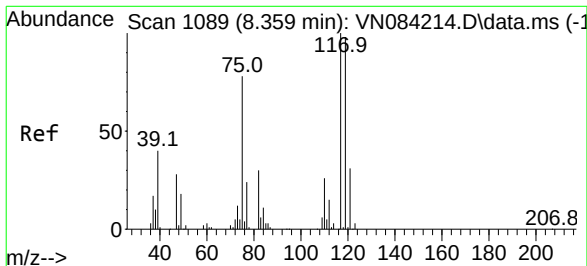
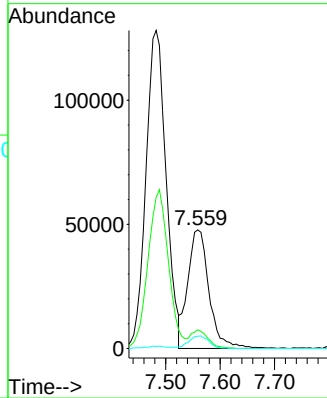
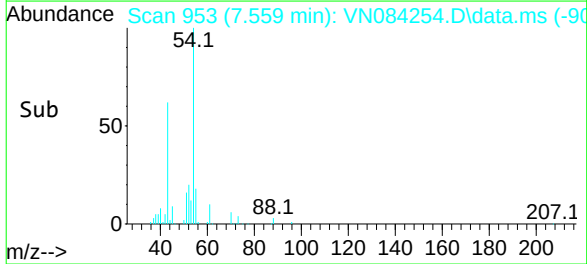
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 43 Resp: 129924
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.1 8.8 13.2

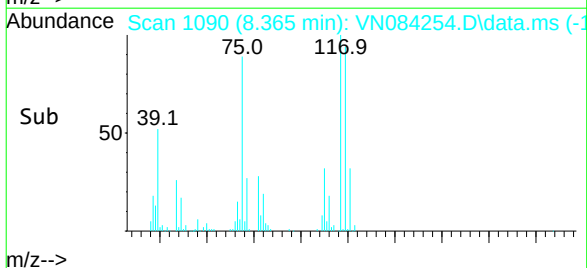
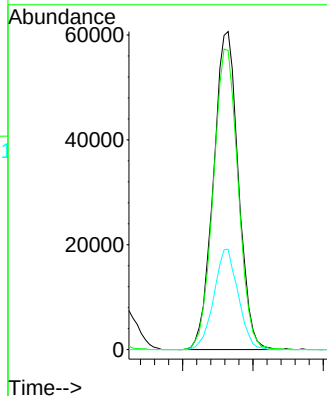
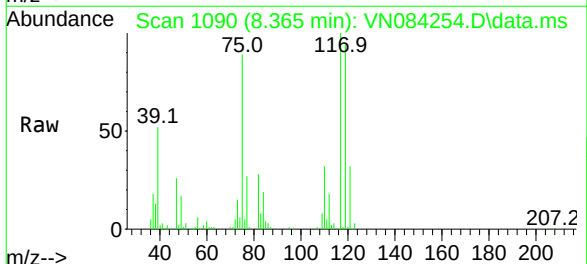
Manual Integrations
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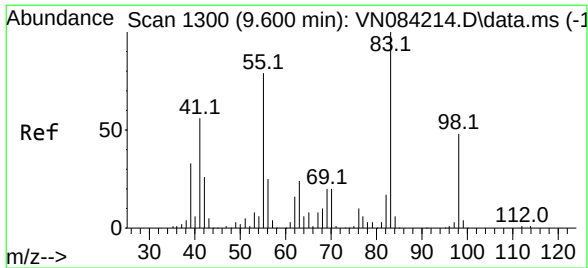
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#38
Carbon Tetrachloride
Concen: 55.484 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

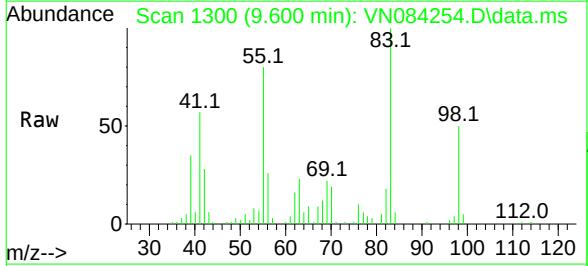
Tgt Ion:117 Resp: 149541
Ion Ratio Lower Upper
117 100
119 94.1 78.7 118.1
121 31.5 24.4 36.6





#39
Methylcyclohexane
Concen: 54.222 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

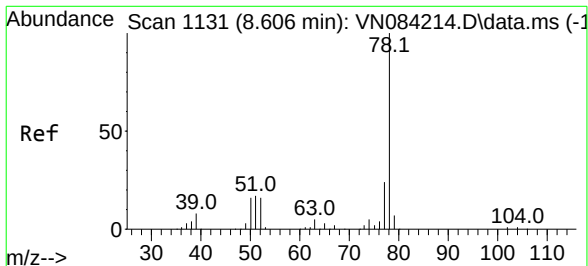
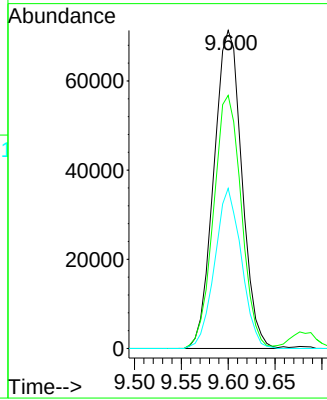
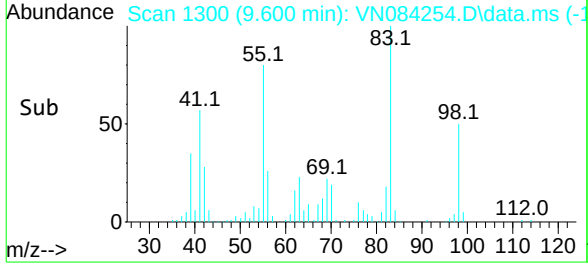
Instrument : MSVOA_N
ClientSampleId : TT172S1-20240924MSD



Tgt Ion: 83 Resp: 148274
Ion Ratio Lower Upper
83 100
55 79.6 62.8 94.2
98 50.3 38.8 58.2

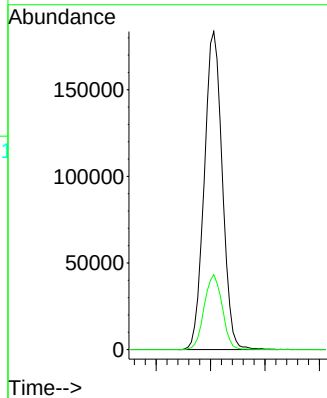
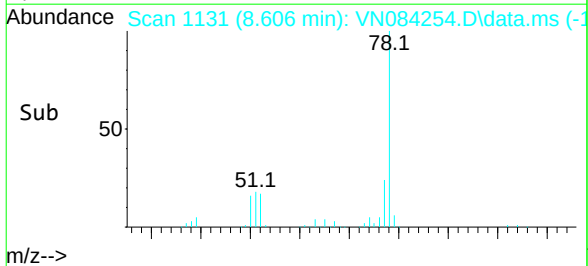
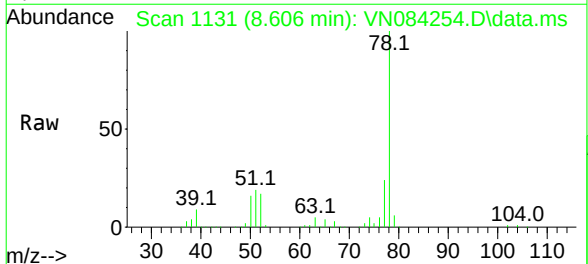
Manual Integrations
APPROVED

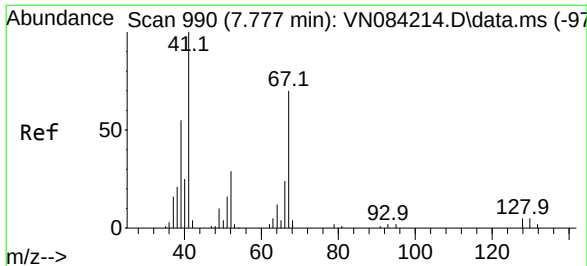
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#40
Benzene
Concen: 55.140 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

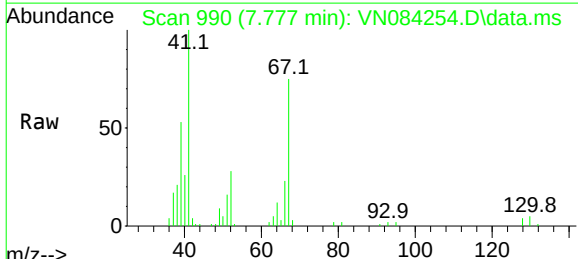
Tgt Ion: 78 Resp: 422104
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41
Methacrylonitrile
Concen: 55.527 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

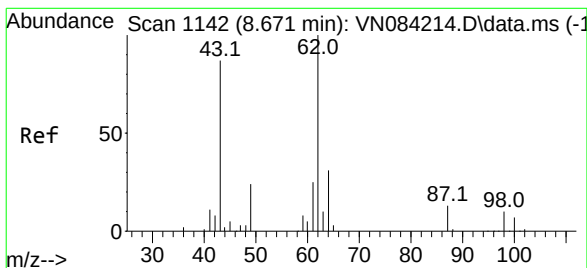
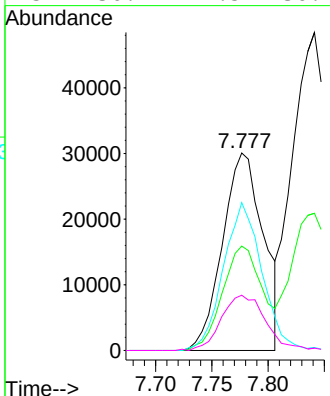
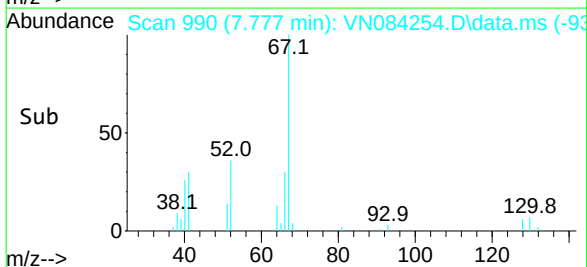
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 41 Resp: 75985
Ion Ratio Lower Upper
41 100
39 52.0 43.3 64.9
67 71.0 56.1 84.1
52 30.4 24.5 36.7

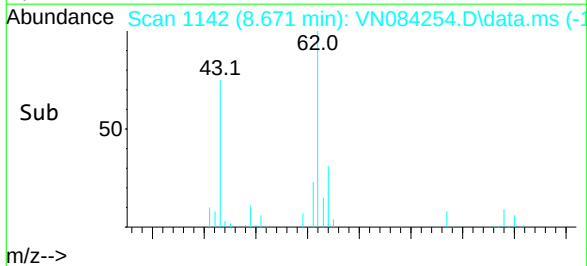
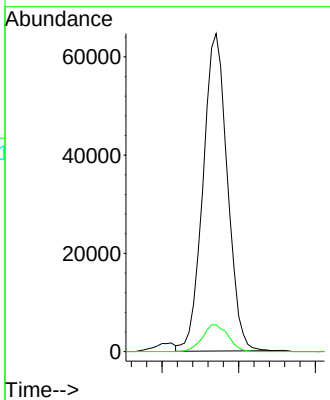
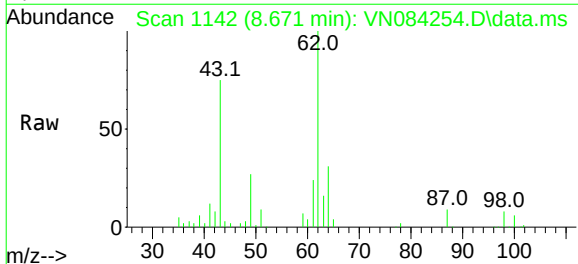
Manual Integrations
APPROVED

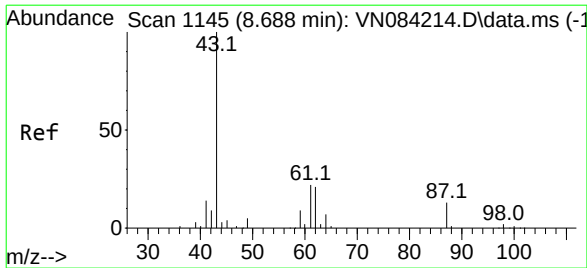
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#42
1,2-Dichloroethane
Concen: 54.889 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion: 62 Resp: 142449
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





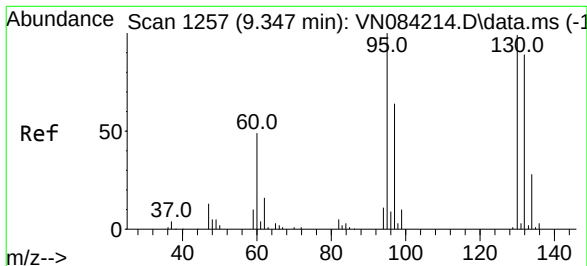
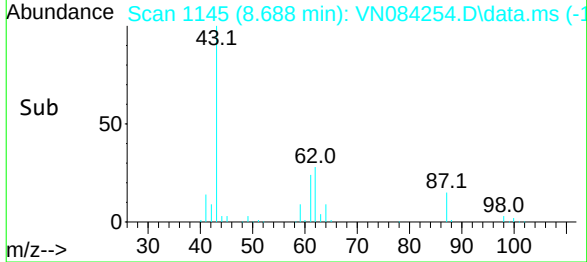
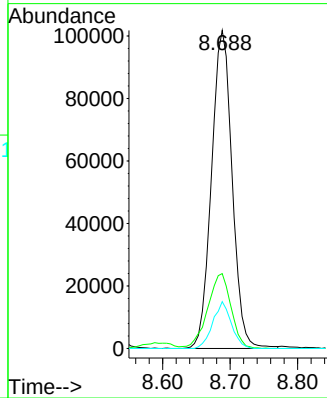
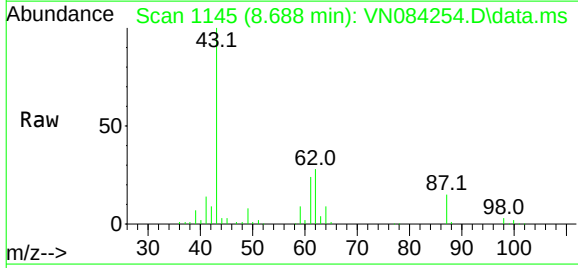
#43
Isopropyl Acetate
Concen: 43.854 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD

Tgt Ion: 43 Resp: 216520
Ion Ratio Lower Upper
43 100
61 26.8 20.4 30.6
87 13.2 10.3 15.5

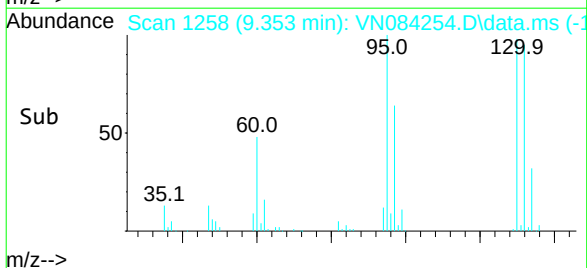
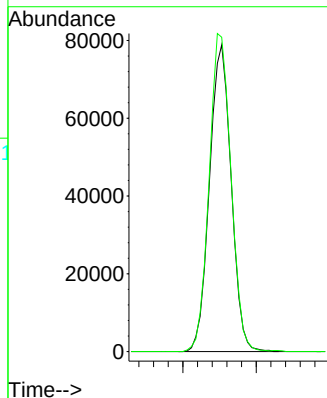
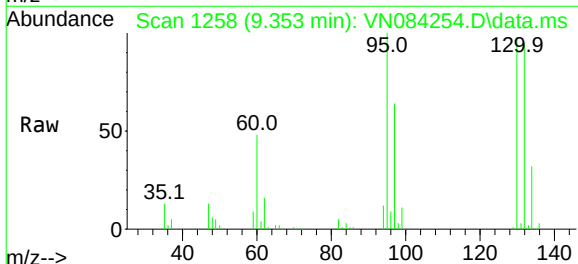
Manual Integrations
APPROVED

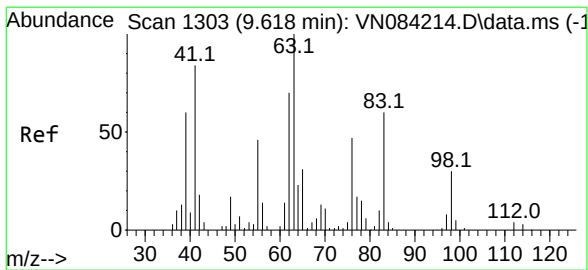
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#44
Trichloroethene
Concen: 90.484 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion:130 Resp: 161779
Ion Ratio Lower Upper
130 100
95 102.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 56.722 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN084254.D

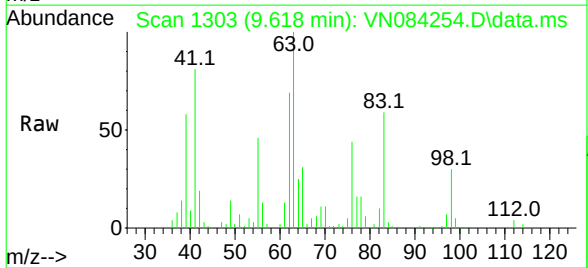
Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD



Tgt Ion: 63 Resp: 102718

Ion Ratio Lower Upper

63 100

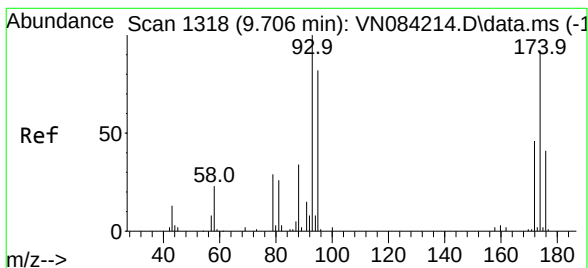
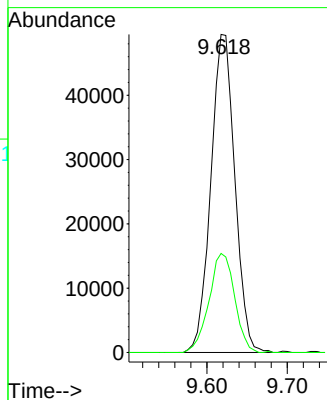
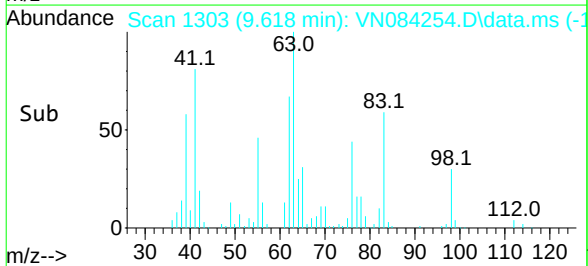
65 31.1 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#46

Dibromomethane

Concen: 57.661 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

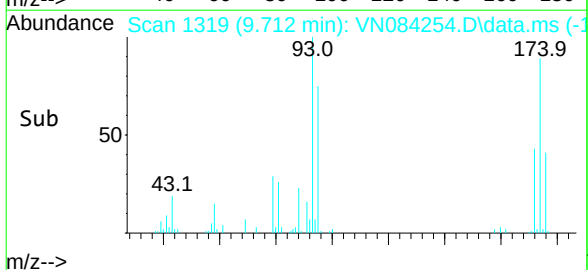
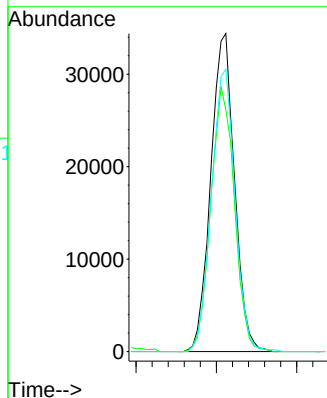
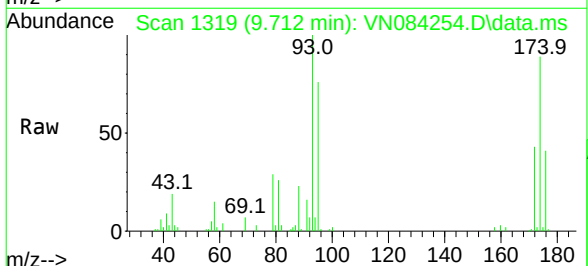
Tgt Ion: 93 Resp: 70466

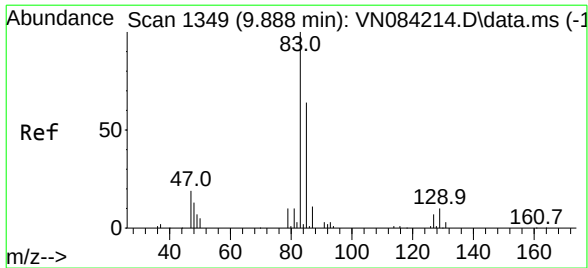
Ion Ratio Lower Upper

93 100

95 82.9 65.0 97.4

174 88.6 71.8 107.8





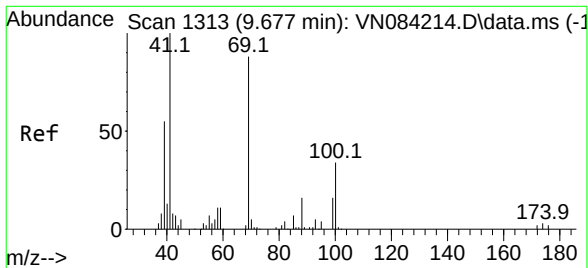
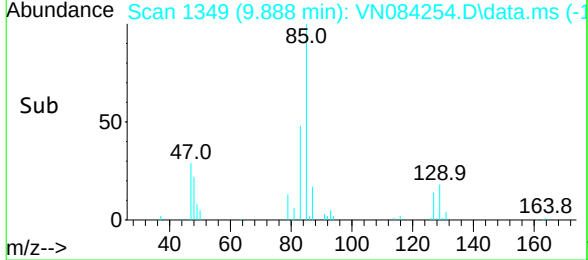
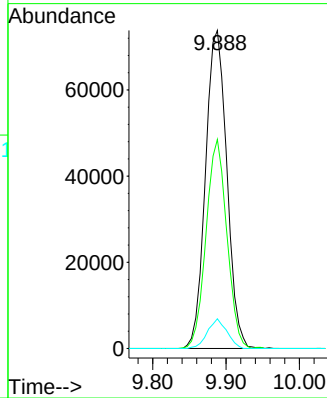
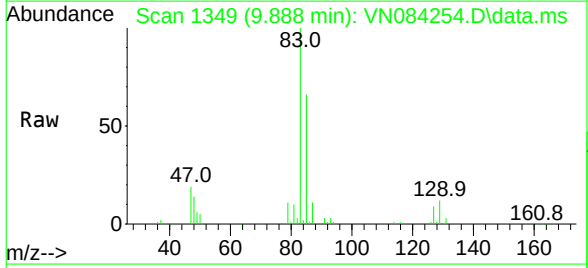
#47
Bromodichloromethane
Concen: 54.993 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD

Tgt Ion: 83 Resp: 149309
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3
127 9.3 5.7 8.5#

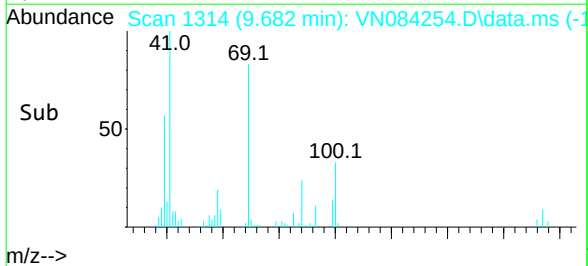
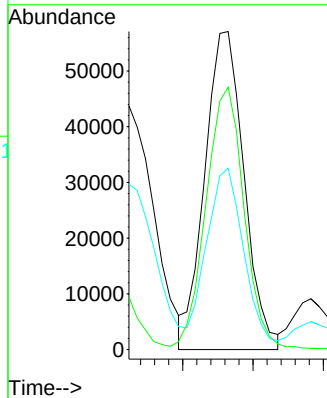
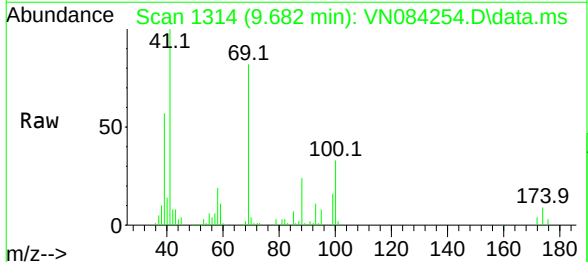
Manual Integrations
APPROVED

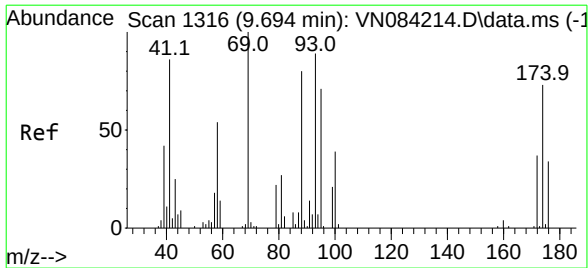
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#48
Methyl methacrylate
Concen: 56.435 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

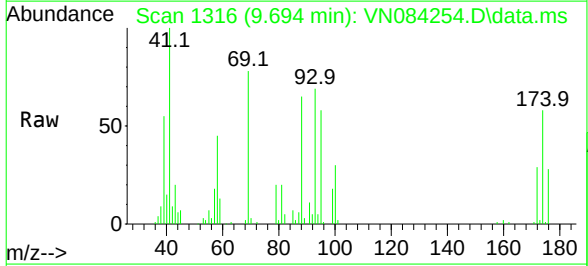
Tgt Ion: 41 Resp: 110916
Ion Ratio Lower Upper
41 100
69 80.3 67.1 100.7
39 54.6 45.8 68.6





#49
1,4-Dioxane
Concen: 1131.059 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

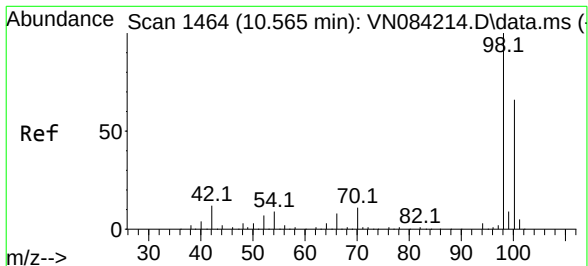
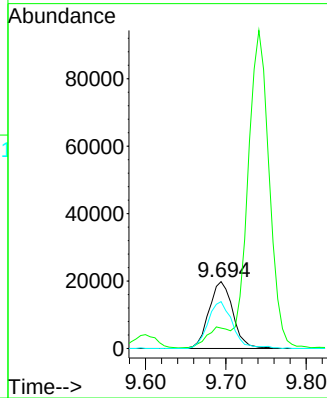
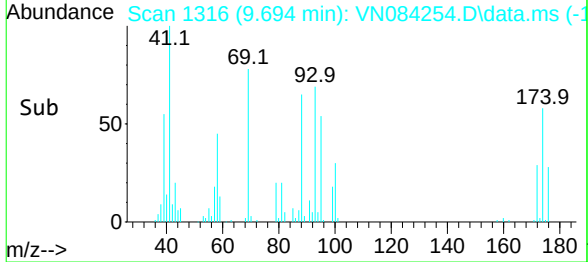
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 88 Resp: 40925
Ion Ratio Lower Upper
88 100
43 30.3 25.3 37.9
58 72.4 56.4 84.6

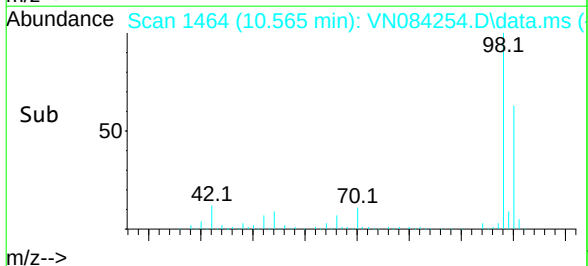
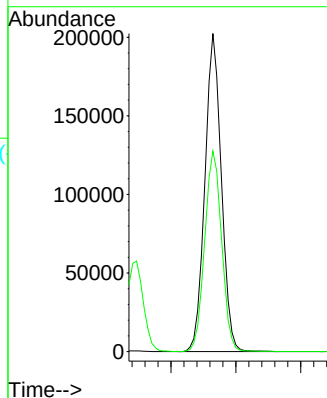
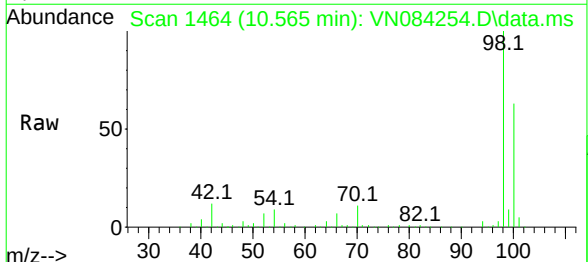
Manual Integrations
APPROVED

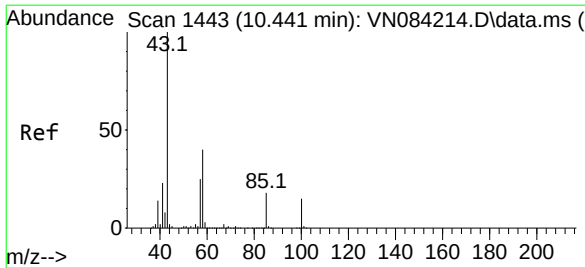
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#50
Toluene-d8
Concen: 57.215 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

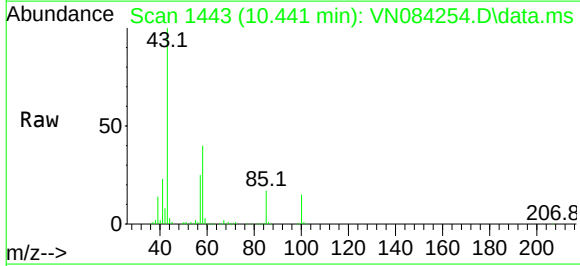
Tgt Ion: 98 Resp: 356069
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 282.314 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

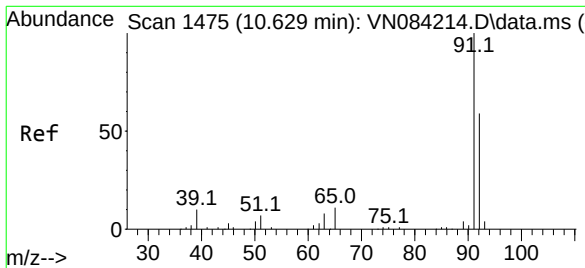
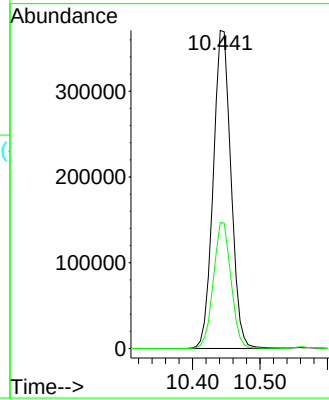
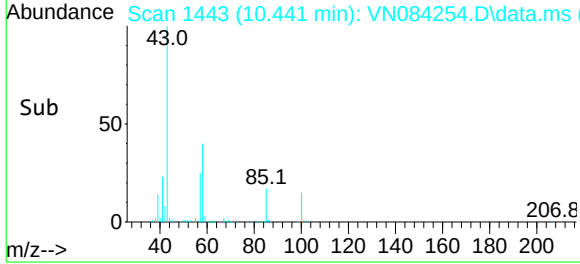
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 43 Resp: 677433
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

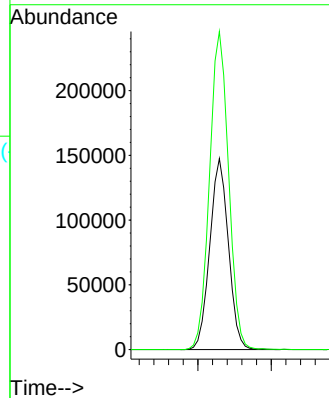
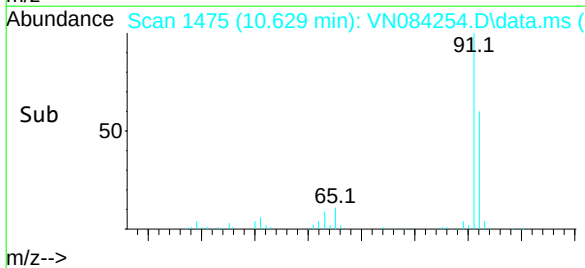
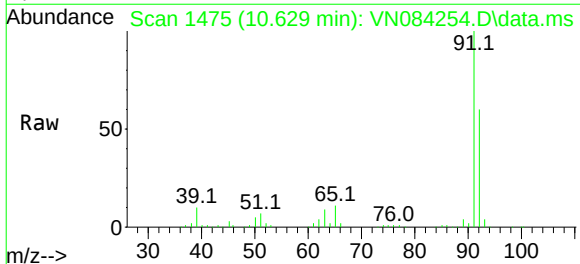
Manual Integrations
APPROVED

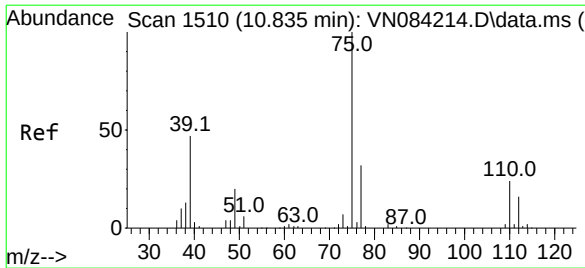
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#52
Toluene
Concen: 55.612 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

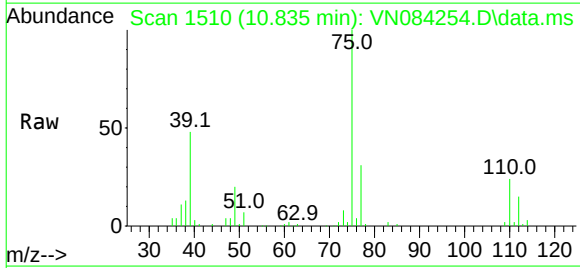
Tgt Ion: 92 Resp: 259606
Ion Ratio Lower Upper
92 100
91 170.8 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 52.617 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

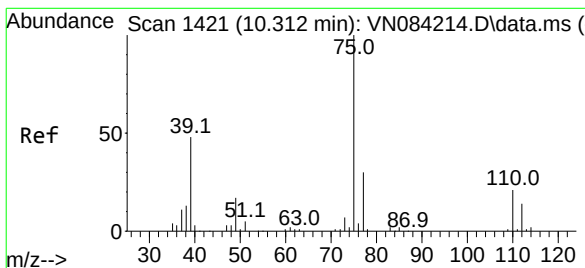
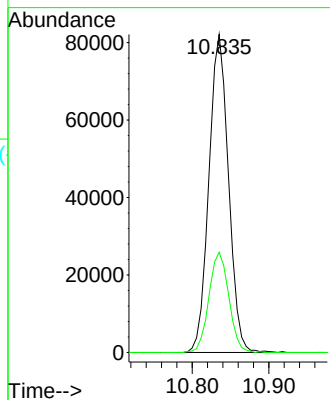
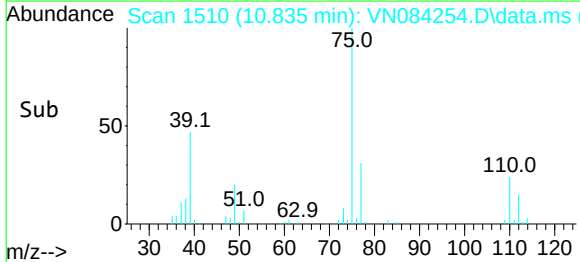
Instrument : MSVOA_N
ClientSampleId : TT172S1-20240924MSD



Tgt Ion: 75 Resp: 145625
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

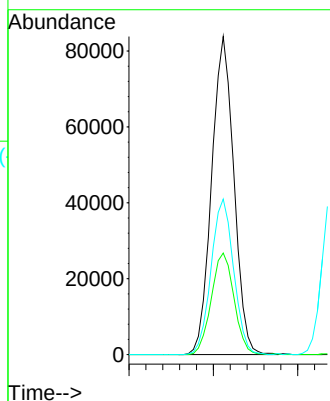
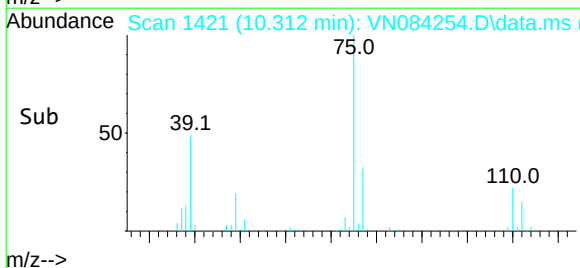
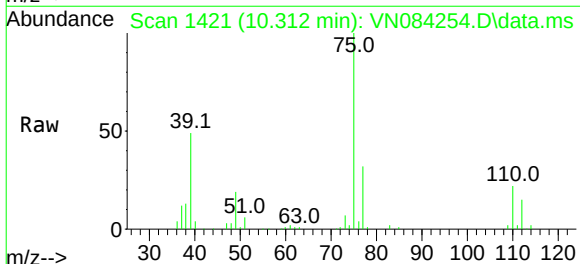
Manual Integrations
APPROVED

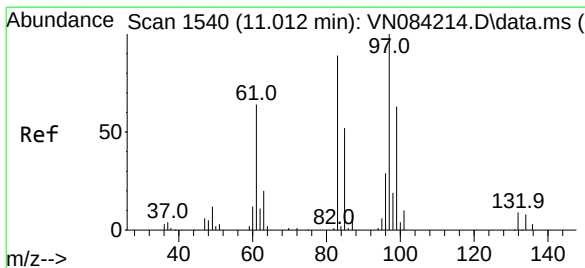
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#54
cis-1,3-Dichloropropene
Concen: 51.658 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion: 75 Resp: 153781
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.2
39 48.9 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 56.755 ug/l

RT: 11.012 min Scan# 15

Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD

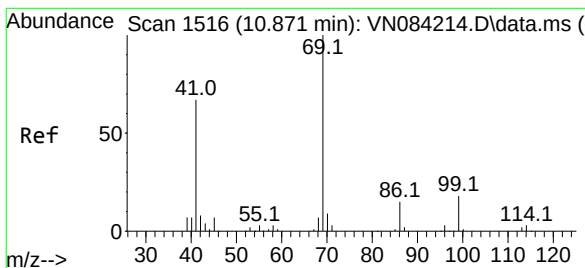
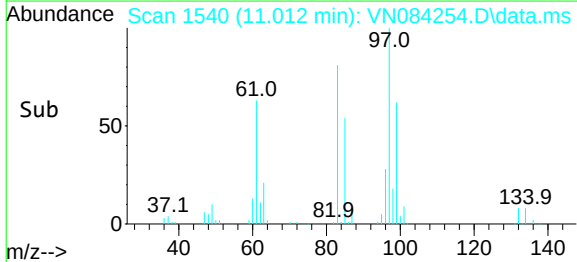
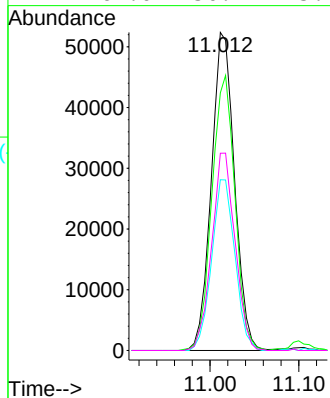
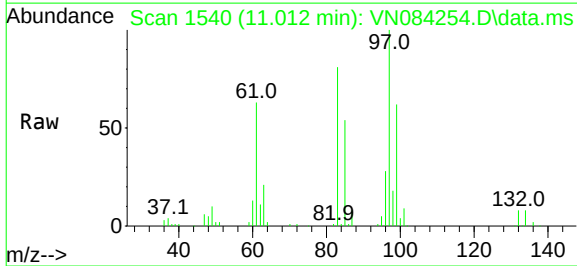
Tgt Ion:	97	Resp:	94978
Ion	Ratio	Lower	Upper
97	100		
83	81.0	71.0	106.4
85	53.7	41.7	62.5
99	62.0	50.1	75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#56

Ethyl methacrylate

Concen: 56.782 ug/l

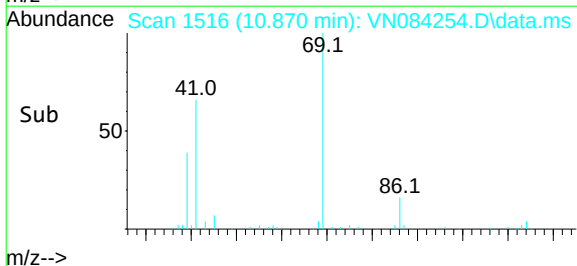
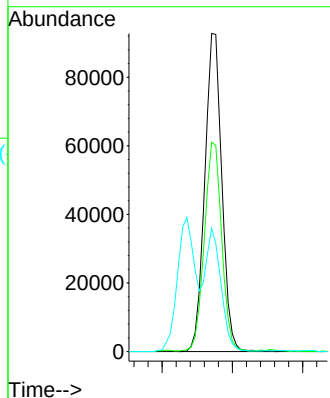
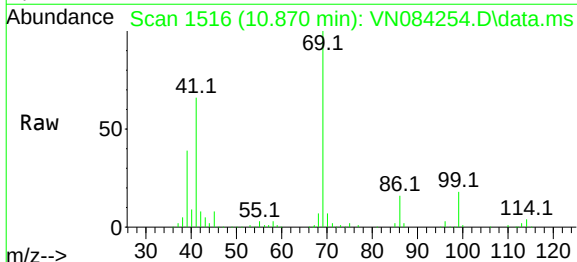
RT: 10.870 min Scan# 1516

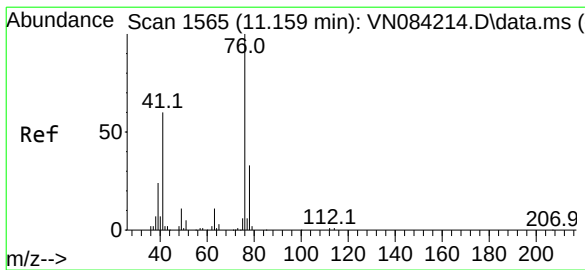
Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

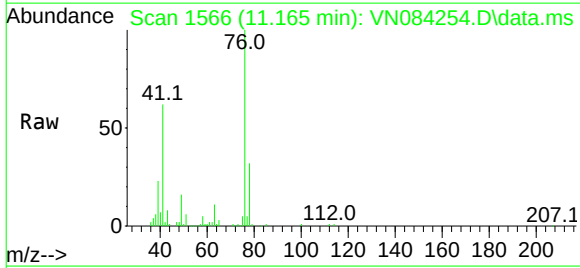
Tgt Ion:	69	Resp:	156357
Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.3	79.9
39	36.1	28.8	43.2





#57
1,3-Dichloropropane
Concen: 55.339 ug/l
RT: 11.165 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

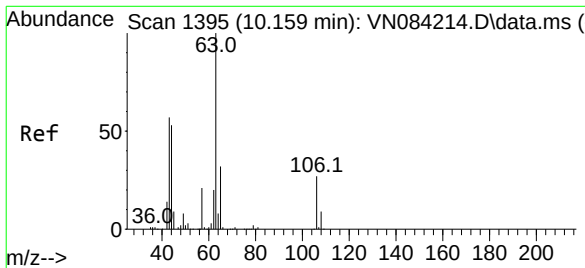
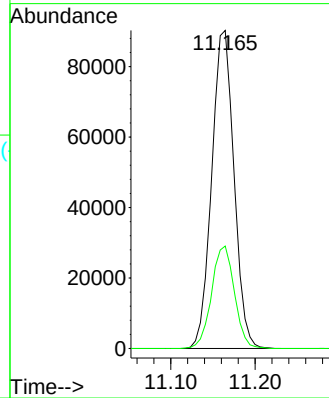
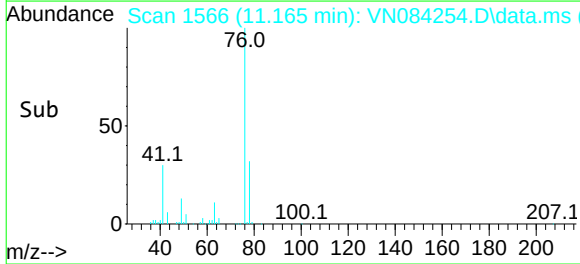
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 76 Resp: 165478
Ion Ratio Lower Upper
76 100
78 33.1 25.8 38.6

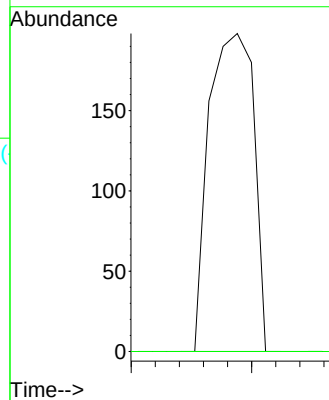
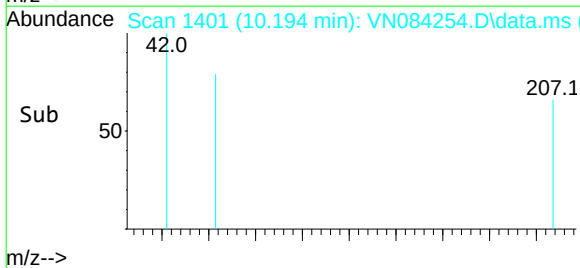
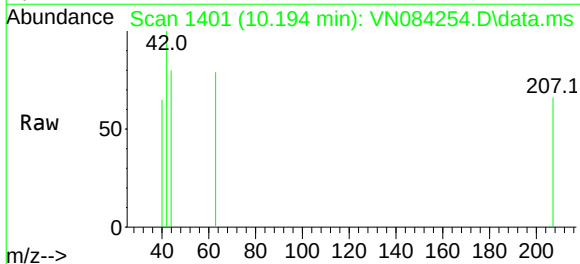
Manual Integrations
APPROVED

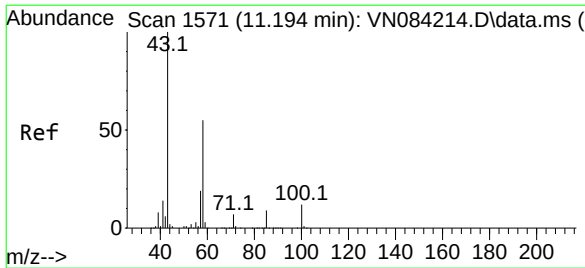
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#58
2-Chloroethyl Vinyl ether
Concen: 0.200 ug/l
RT: 10.194 min Scan# 1401
Delta R.T. 0.035 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

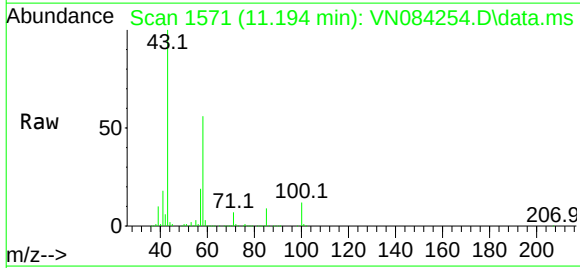
Tgt Ion: 63 Resp: 256
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#





#59
2-Hexanone
Concen: 276.194 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

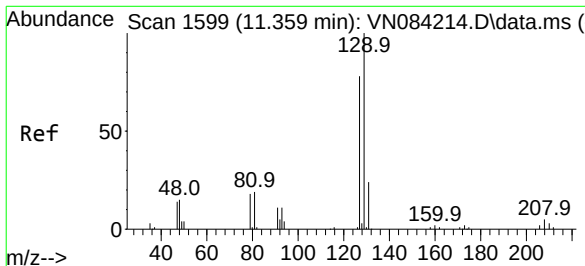
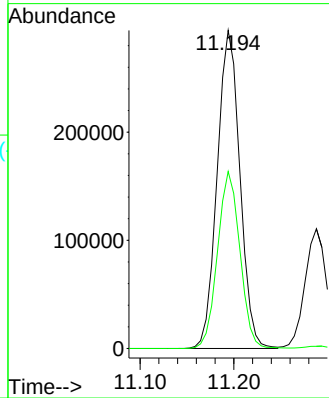
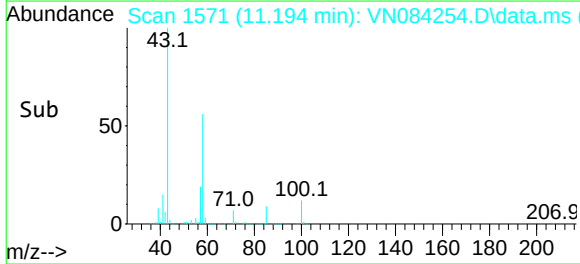
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 43 Resp: 495346
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8

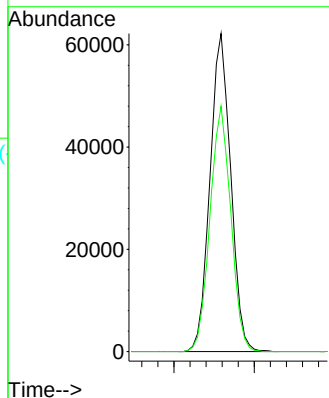
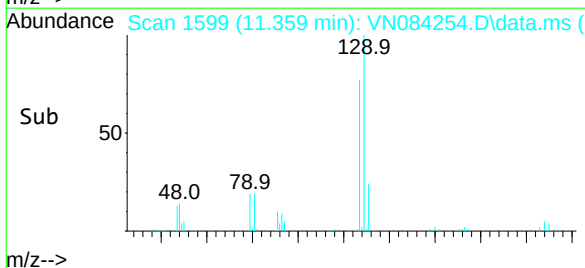
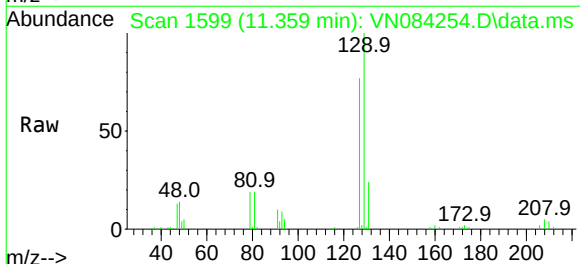
Manual Integrations
APPROVED

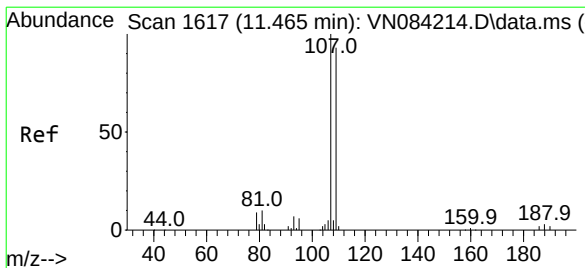
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#60
Dibromochloromethane
Concen: 56.390 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion:129 Resp: 111499
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





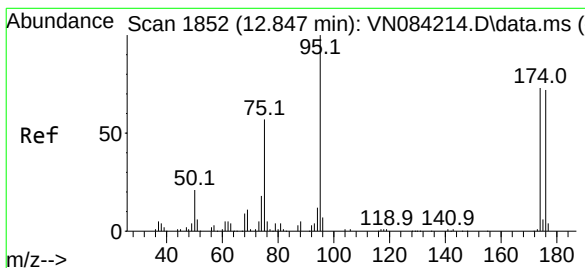
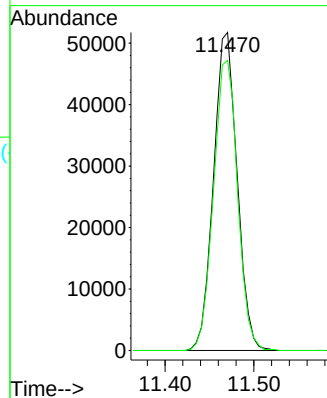
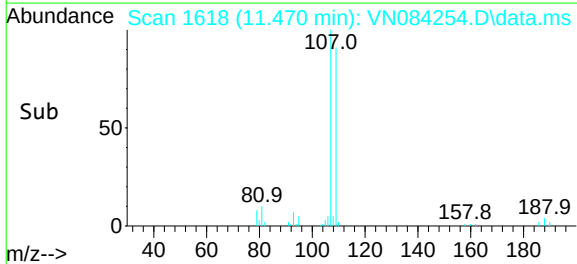
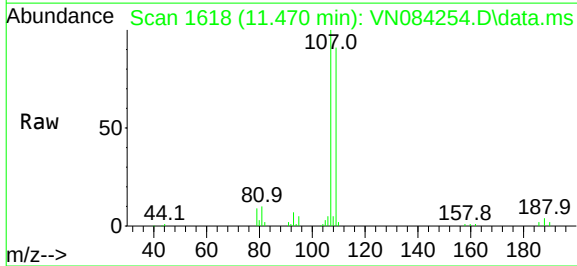
#61
1,2-Dibromoethane
Concen: 54.800 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD

Tgt Ion: 107 Resp: 95291
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.0

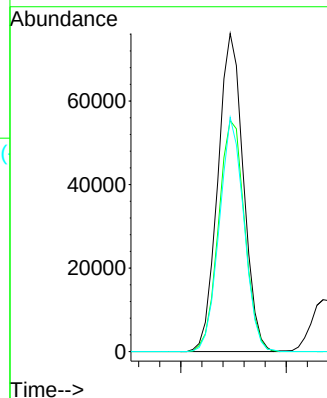
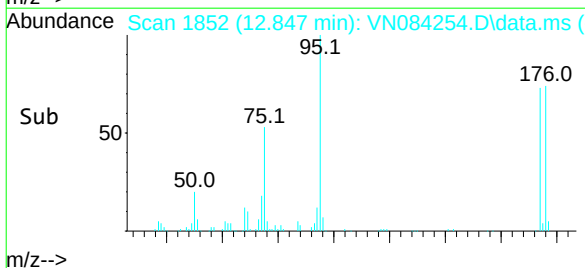
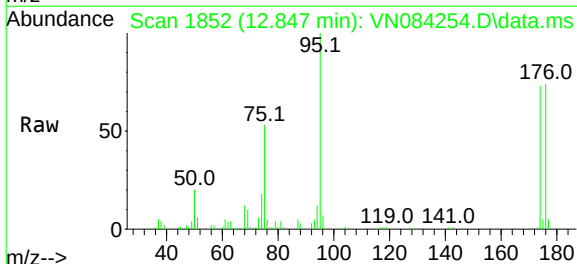
Manual Integrations
APPROVED

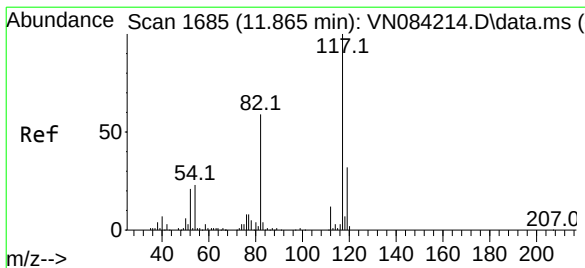
Reviewed By : John Carlone 10/02/2024
Supervised By : Semsettin Yesilyurt 10/02/2024



#62
4-Bromofluorobenzene
Concen: 56.498 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

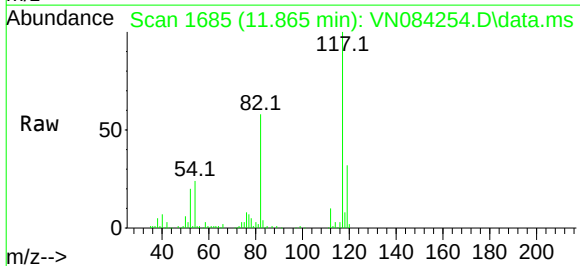
Tgt Ion: 95 Resp: 128092
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 70.8 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

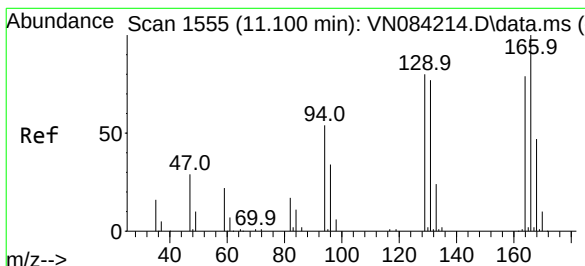
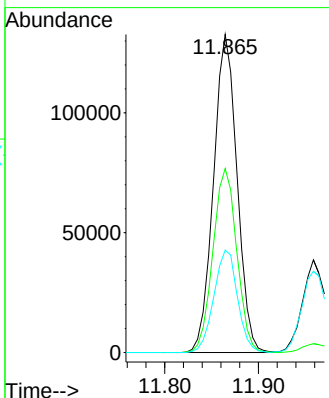
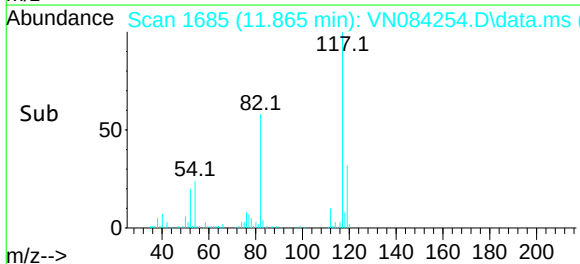
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion:117 Resp: 231499
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 32.2 25.4 38.0

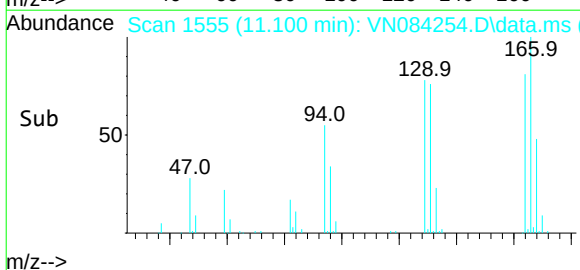
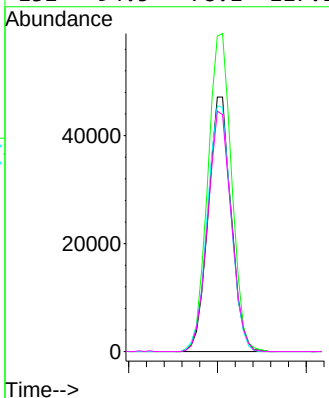
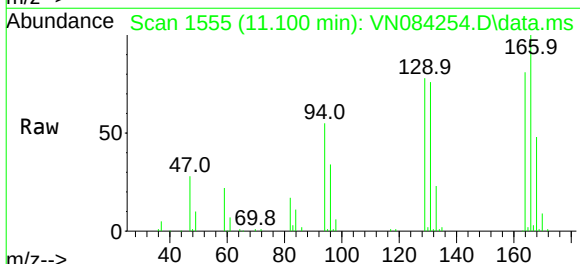
Manual Integrations
APPROVED

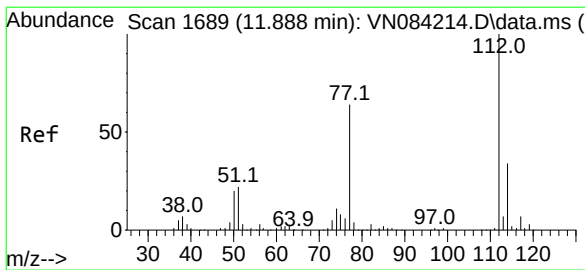
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#64
Tetrachloroethene
Concen: 52.563 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

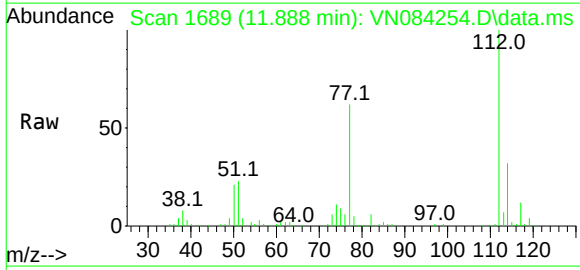
Tgt Ion:164 Resp: 84754
Ion Ratio Lower Upper
164 100
166 124.0 101.0 151.4
129 96.6 80.8 121.2
131 94.5 78.1 117.1





#65
Chlorobenzene
Concen: 52.578 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

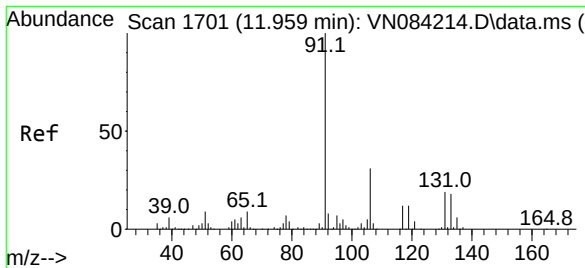
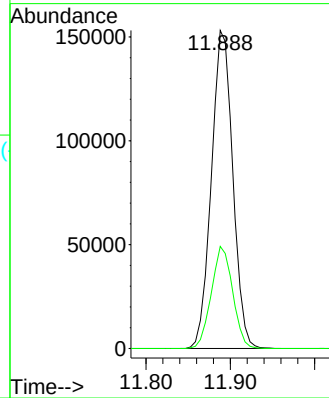
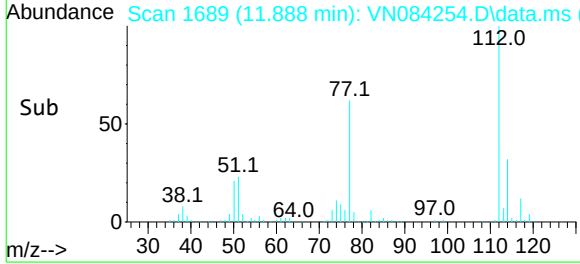
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion:112 Resp: 269878
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.6

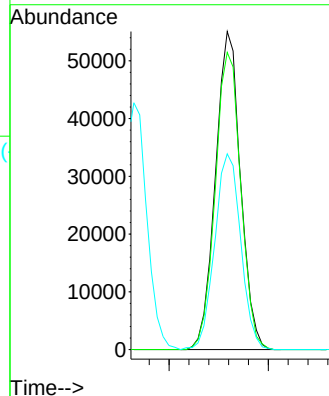
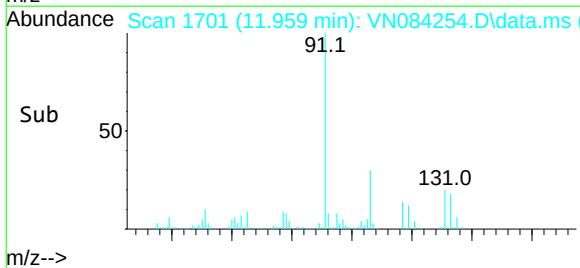
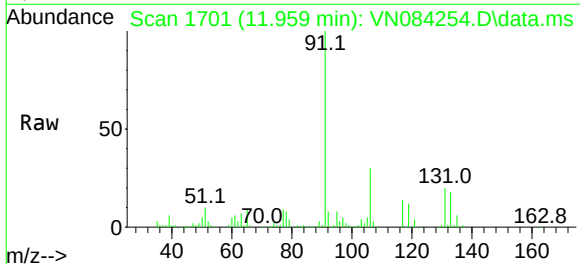
Manual Integrations
APPROVED

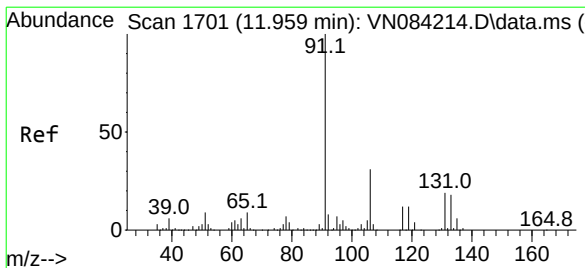
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.594 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion:131 Resp: 96521
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.0 32.8 98.3





#67

Ethyl Benzene

Concen: 53.993 ug/l

RT: 11.964 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD

Tgt Ion: 91 Resp: 490111

Ion Ratio Lower Upper

91 100

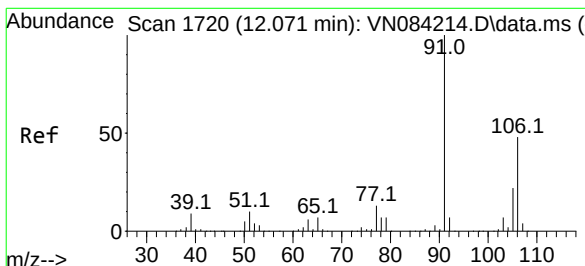
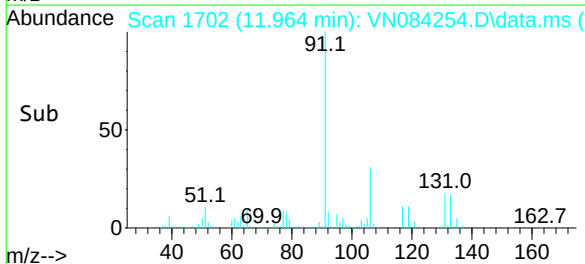
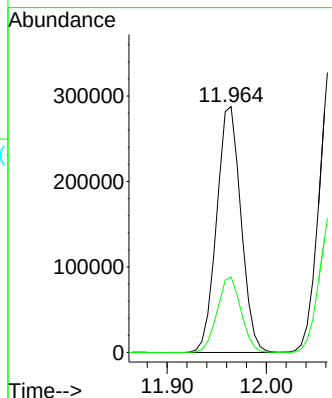
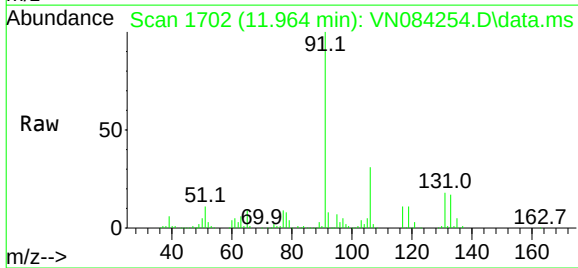
106 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#68

m/p-Xylenes

Concen: 110.896 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084254.D

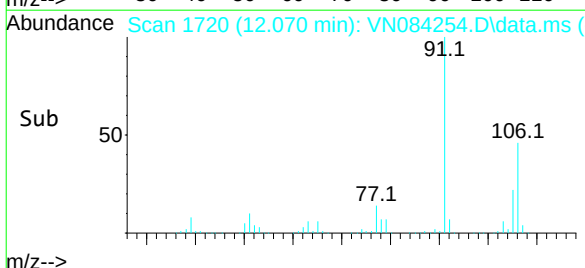
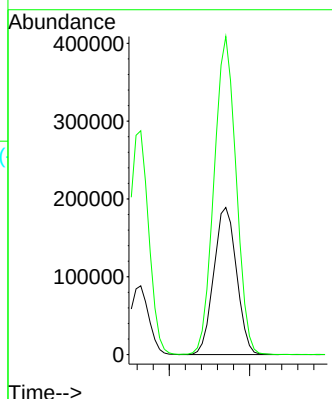
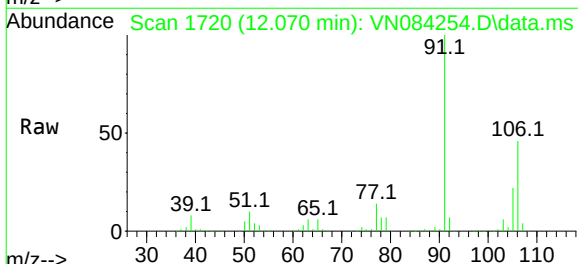
Acq: 01 Oct 2024 21:06

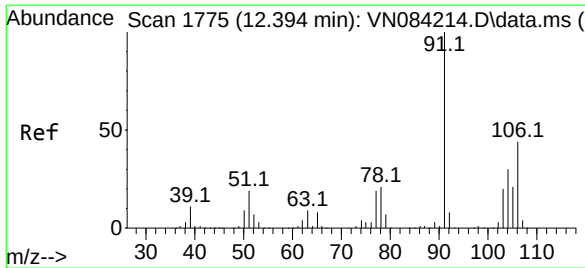
Tgt Ion:106 Resp: 372365

Ion Ratio Lower Upper

106 100

91 209.3 167.1 250.7





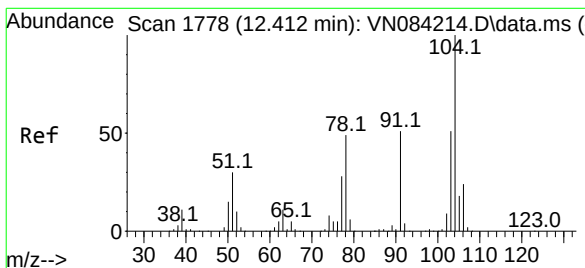
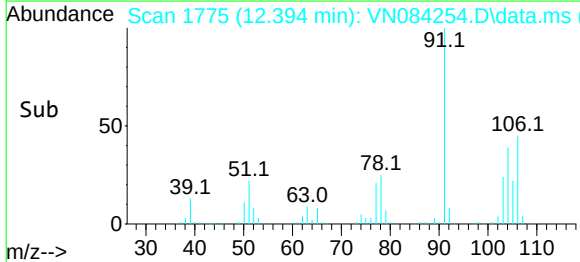
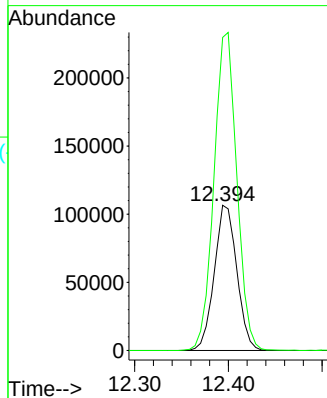
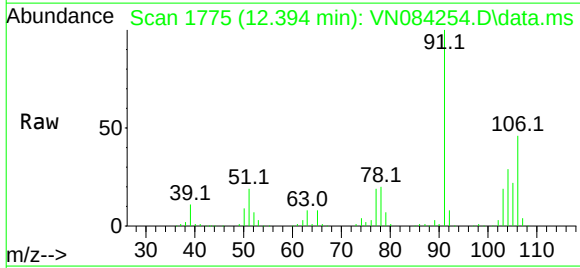
#69
o-Xylene
Concen: 56.047 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD

Tgt Ion:106 Resp: 178053
Ion Ratio Lower Upper
106 100
91 222.3 110.2 330.6

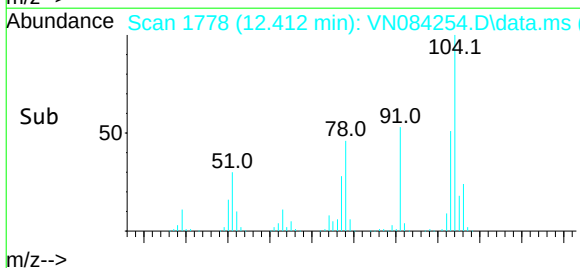
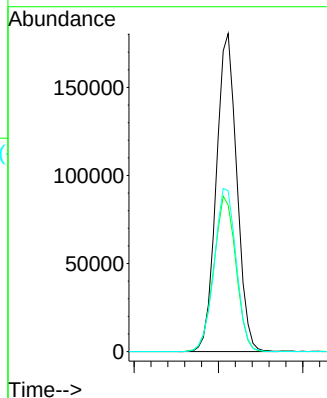
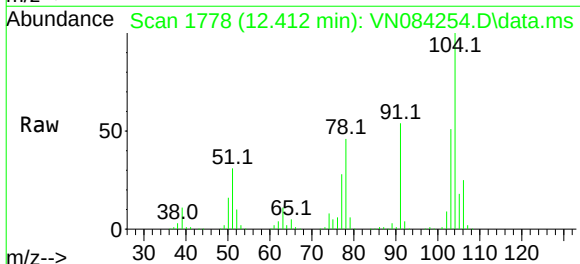
Manual Integrations
APPROVED

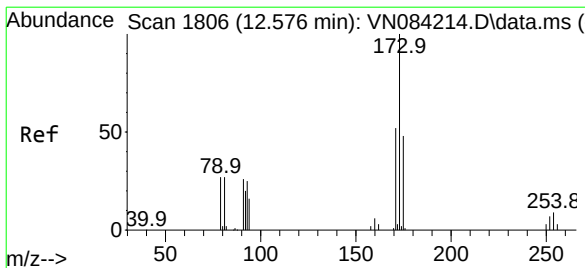
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#70
Styrene
Concen: 56.861 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion:104 Resp: 305969
Ion Ratio Lower Upper
104 100
78 52.5 42.7 64.1
103 54.9 43.6 65.4





#71

Bromoform

Concen: 55.340 ug/l

RT: 12.576 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084254.D

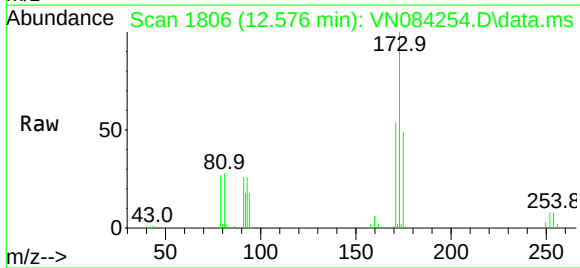
Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

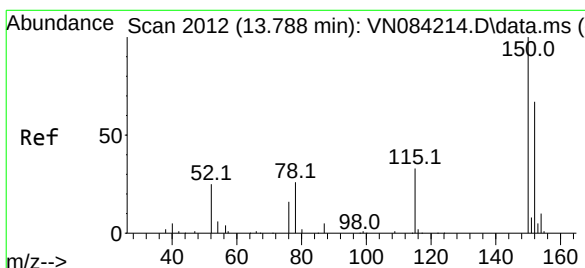
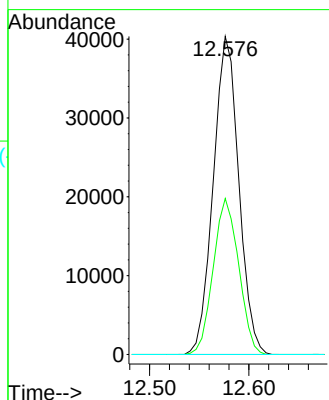
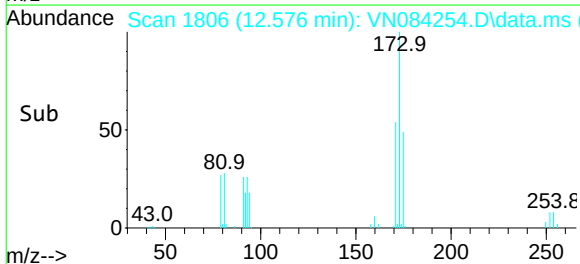
TT172S1-20240924MSD



Tgt Ion:	173	Resp:	72032
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

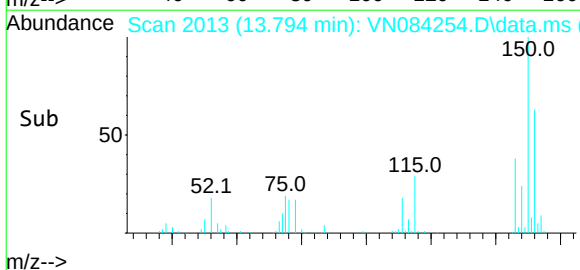
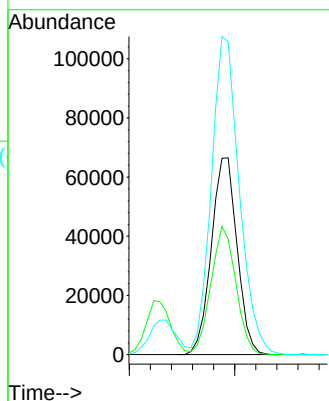
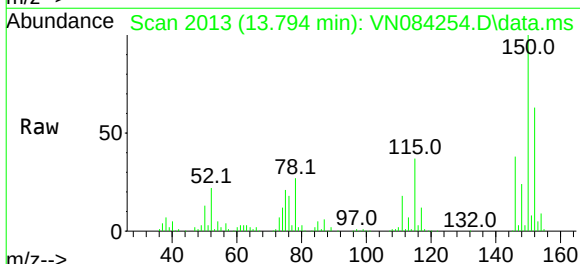
RT: 13.794 min Scan# 2013

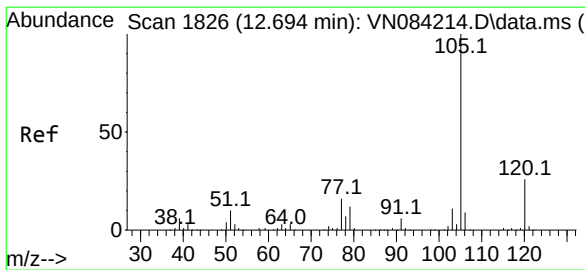
Delta R.T. 0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

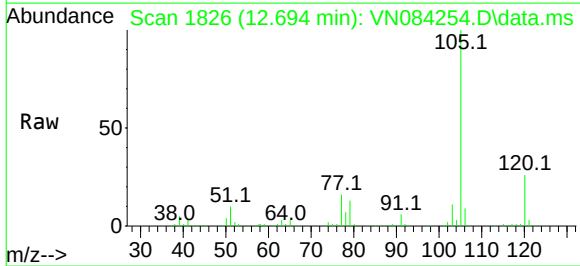
Tgt Ion:	152	Resp:	112831
Ion Ratio	Lower	Upper	
152	100		
115	62.9	31.3	93.9
150	175.3	0.0	349.8





#73
Isopropylbenzene
Concen: 52.703 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

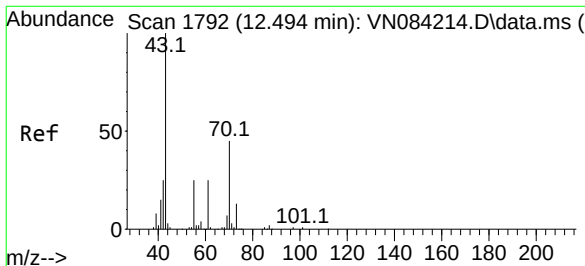
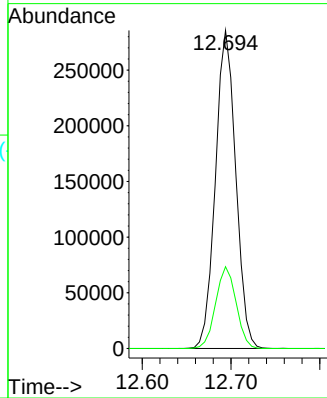
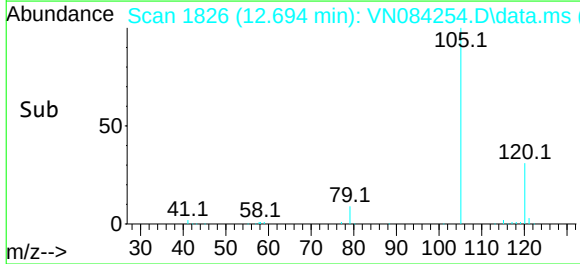
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 105 Resp: 453773
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7

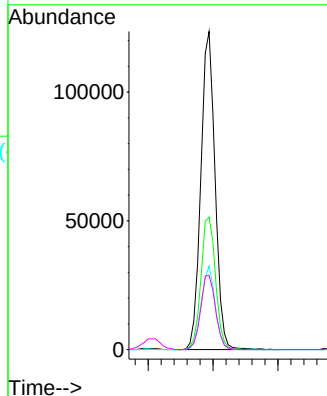
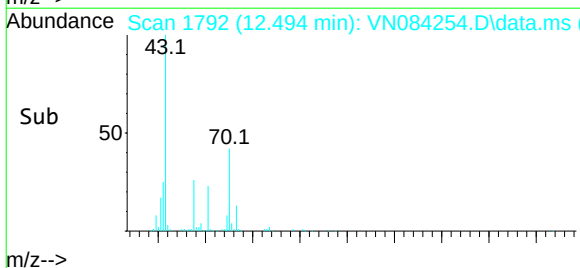
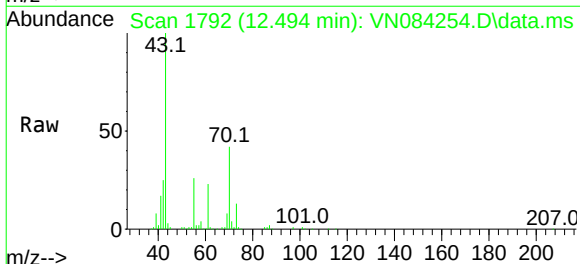
Manual Integrations
APPROVED

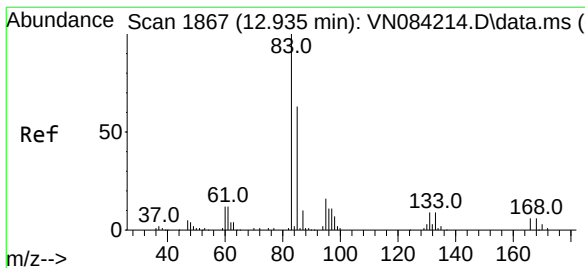
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#74
N-ethyl acetate
Concen: 48.252 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

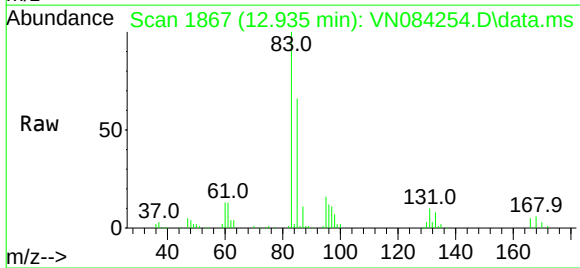
Tgt Ion: 43 Resp: 188132
Ion Ratio Lower Upper
43 100
70 42.6 34.4 51.6
55 25.7 19.6 29.4
61 24.4 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 51.543 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

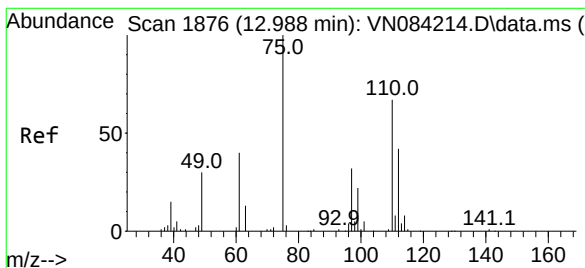
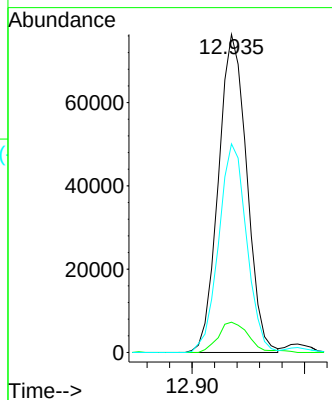
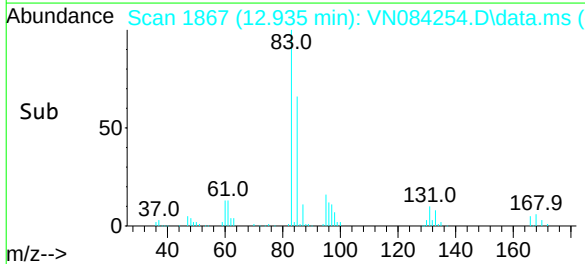
Instrument : MSVOA_N
ClientSampleId : TT172S1-20240924MSD



Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.8	31.9	95.7

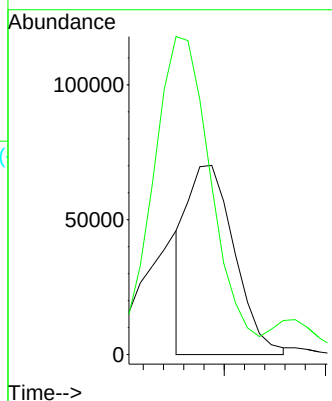
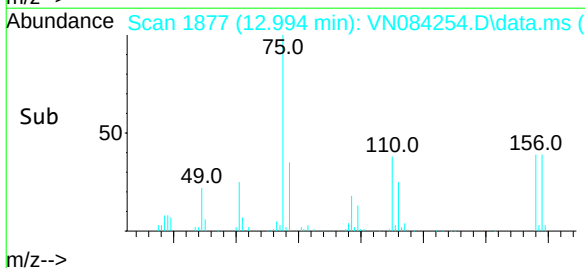
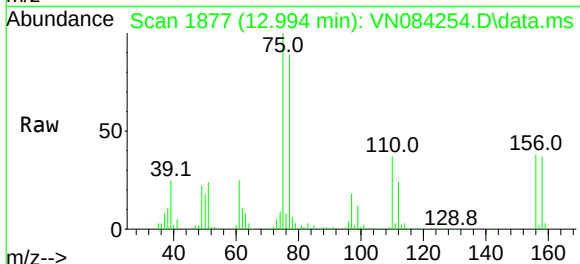
Manual Integrations
APPROVED

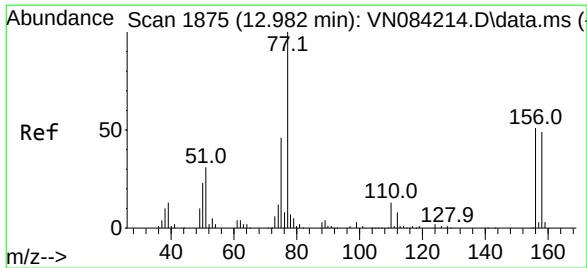
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#76
1,2,3-Trichloropropane
Concen: 49.559 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

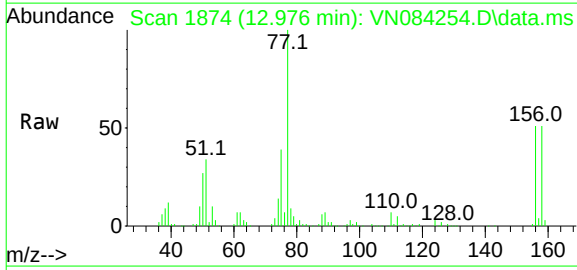
Tgt Ion	Ratio	Lower	Upper
75	100		
77	208.7	96.9	290.7





#77
Bromobenzene
Concen: 51.823 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

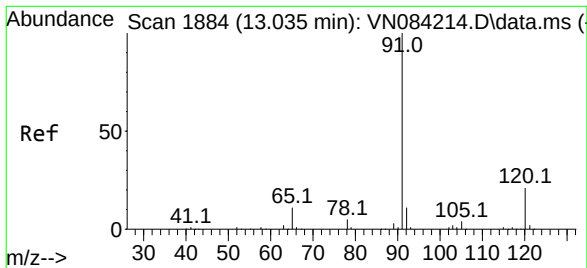
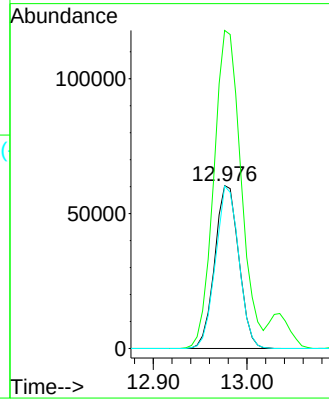
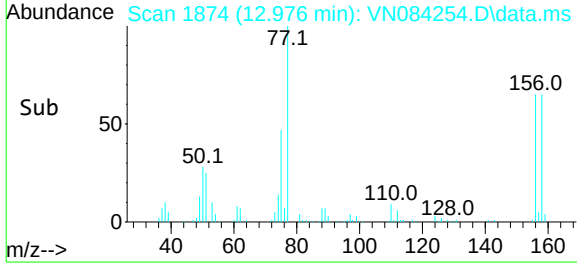
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 156 Resp: 107628
Ion Ratio Lower Upper
156 100
77 221.3 115.1 345.3
158 96.6 48.9 146.8

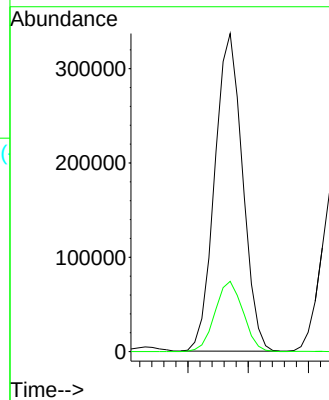
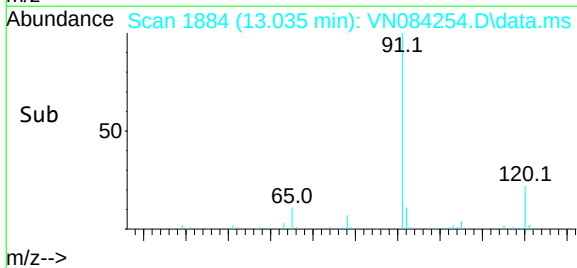
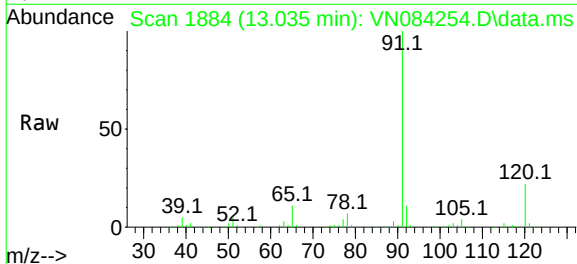
Manual Integrations
APPROVED

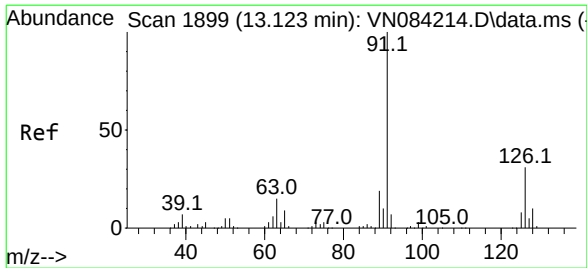
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#78
n-propylbenzene
Concen: 54.267 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

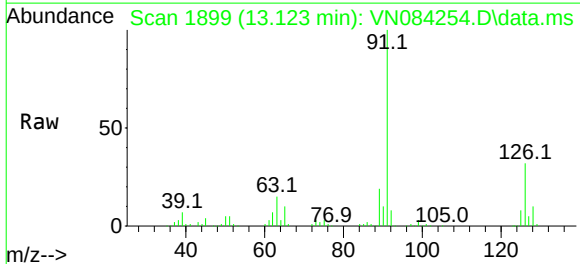
Tgt Ion: 91 Resp: 541347
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4





#79
2-Chlorotoluene
Concen: 52.200 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

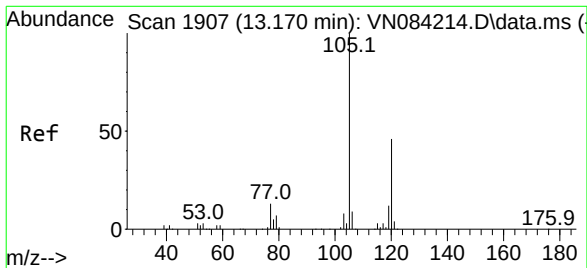
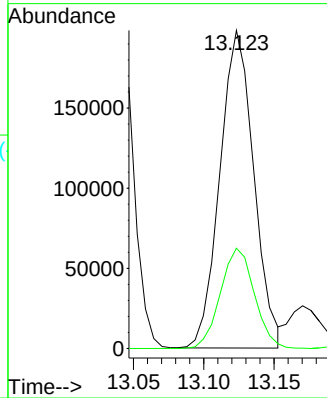
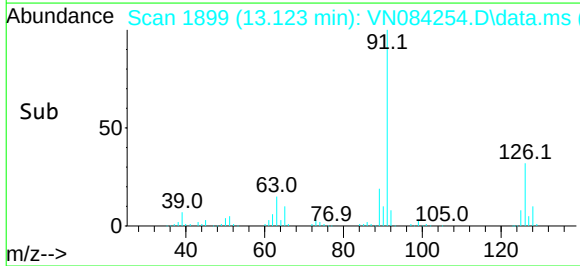
Instrument : MSVOA_N
ClientSampleId : TT172S1-20240924MSD



Tgt Ion: 91 Resp: 332277
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1

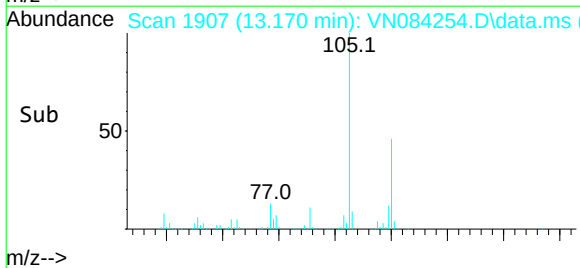
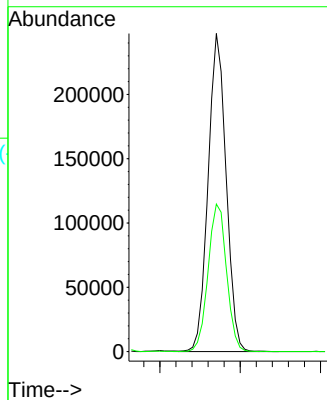
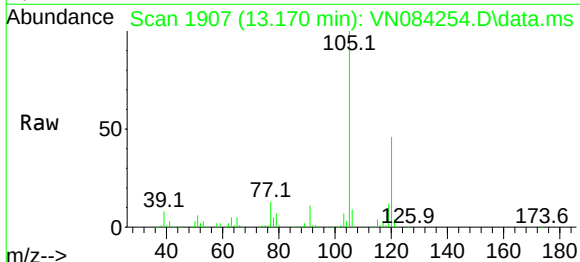
Manual Integrations
APPROVED

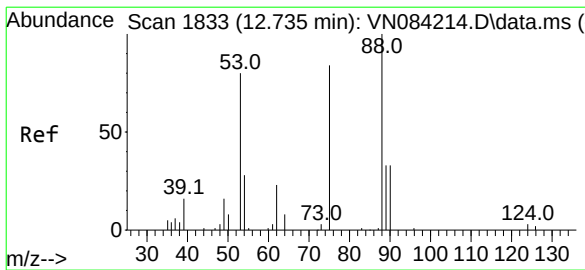
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.818 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

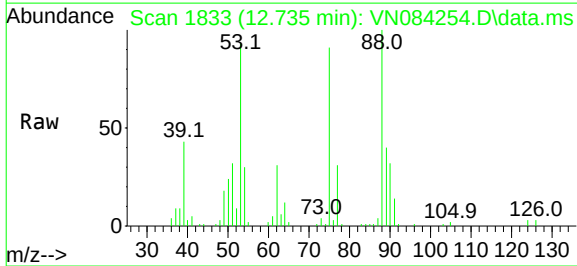
Tgt Ion:105 Resp: 385004
Ion Ratio Lower Upper
105 100
120 47.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 45.501 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

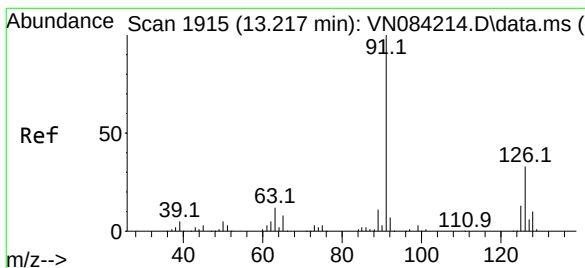
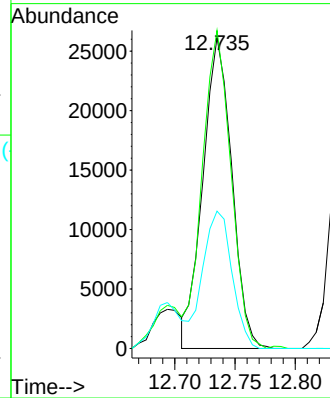
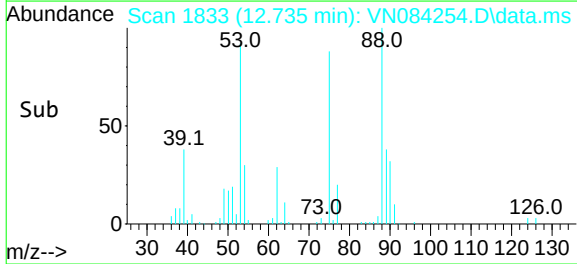
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion: 75 Resp: 43717
Ion Ratio Lower Upper
75 100
53 101.2 78.0 117.0
89 44.0 35.5 53.3

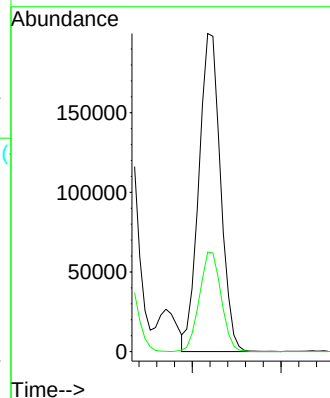
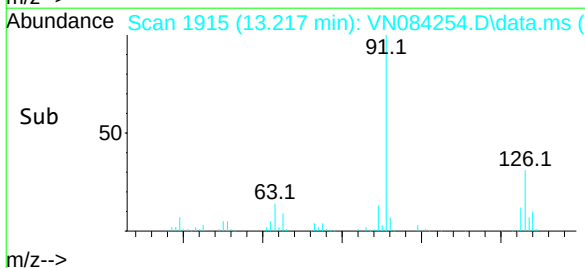
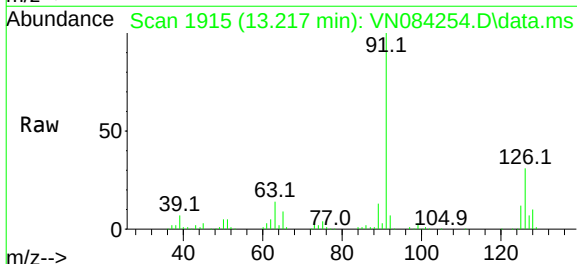
Manual Integrations
APPROVED

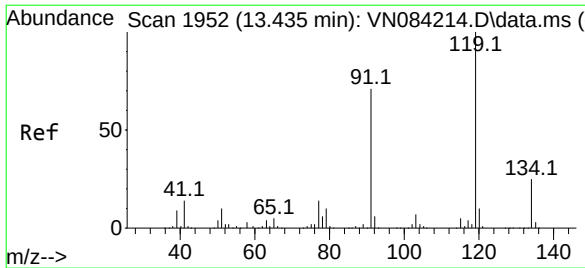
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#82
4-Chlorotoluene
Concen: 52.870 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

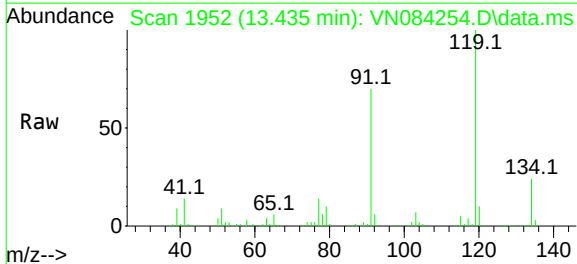
Tgt Ion: 91 Resp: 338789
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1





#83
tert-Butylbenzene
Concen: 52.845 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

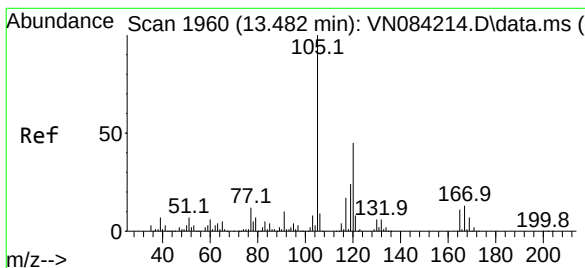
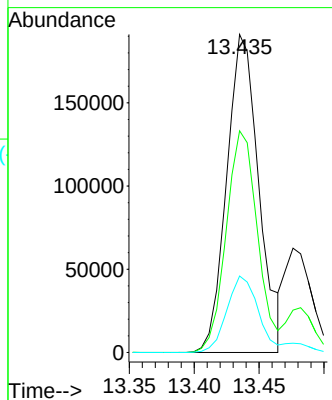
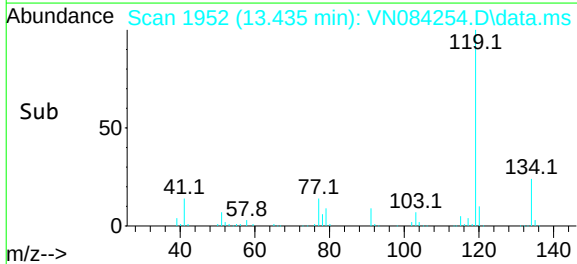
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



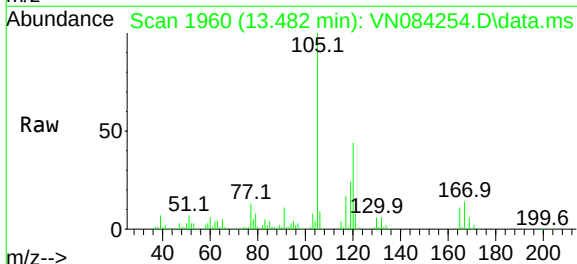
Tgt Ion:119 Resp: 329875
Ion Ratio Lower Upper
119 100
91 67.8 34.1 102.3
134 23.8 12.8 38.4

Manual Integrations
APPROVED

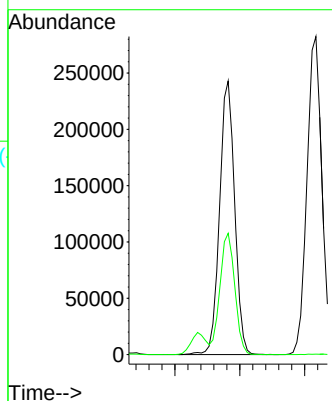
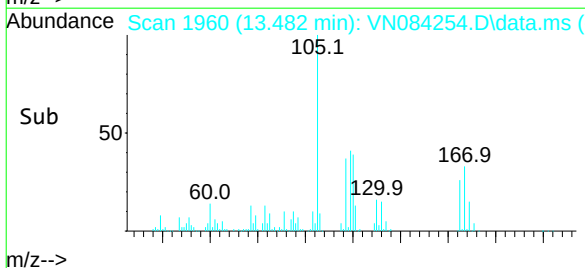
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

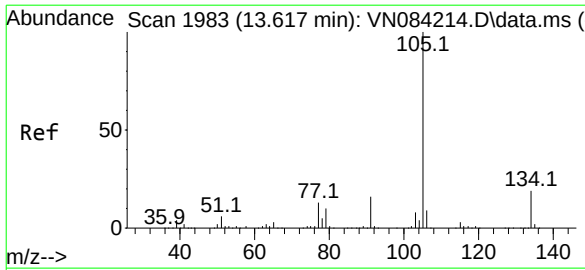


#84
1,2,4-Trimethylbenzene
Concen: 55.404 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06



Tgt Ion:105 Resp: 391992
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





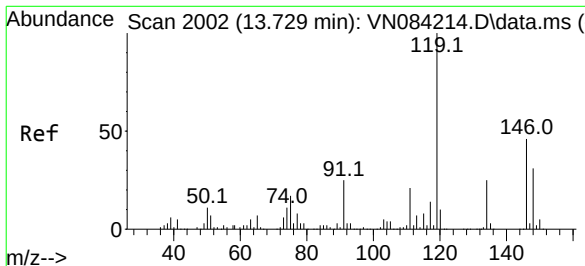
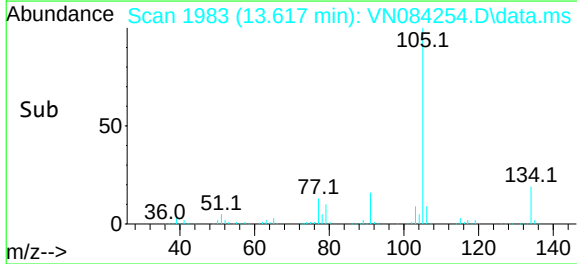
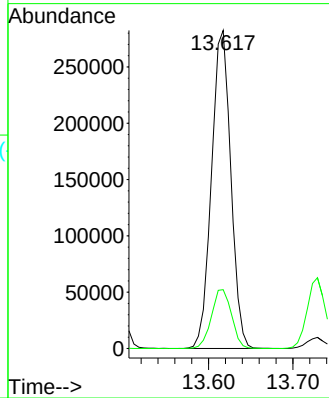
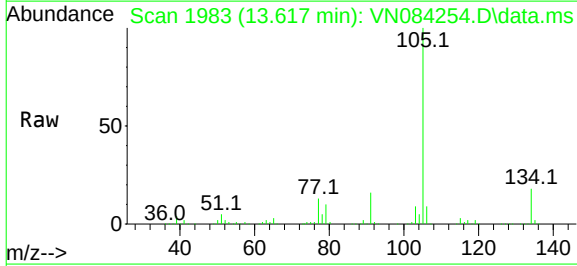
#85
sec-Butylbenzene
Concen: 53.948 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD

Tgt Ion:105 Resp: 449382
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

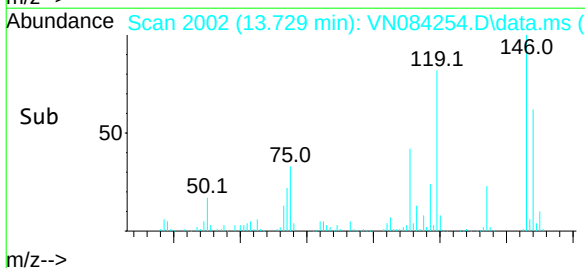
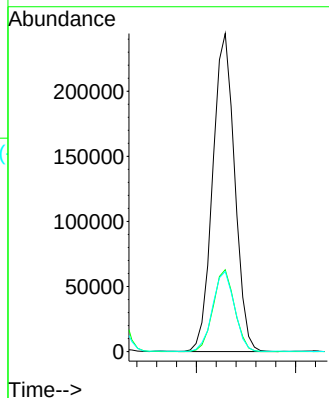
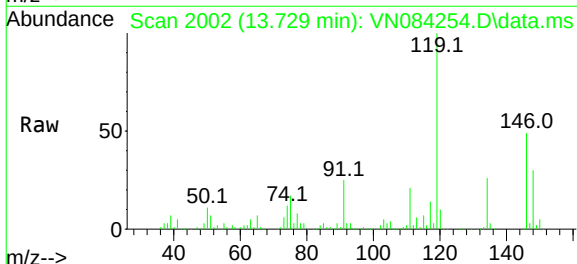
Manual Integrations
APPROVED

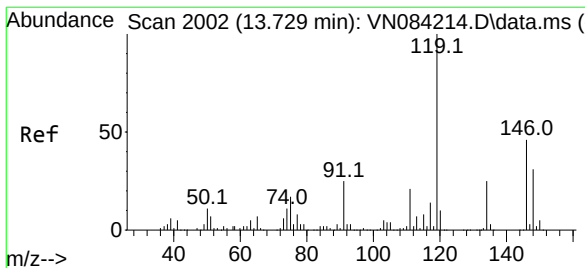
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#86
p-Isopropyltoluene
Concen: 54.637 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion:119 Resp: 376347
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 52.083 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD

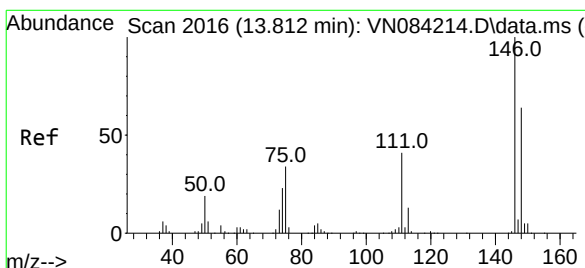
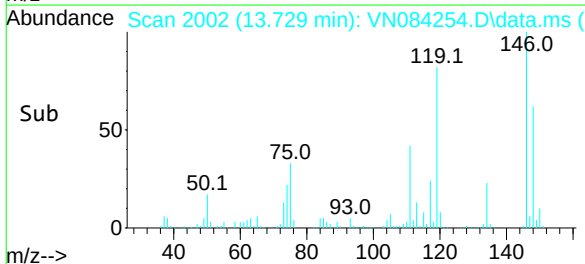
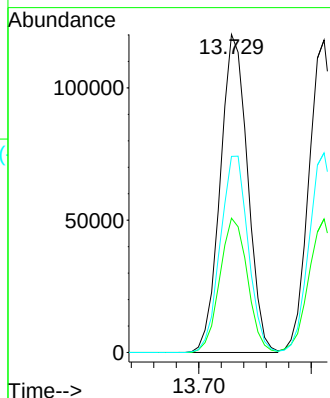
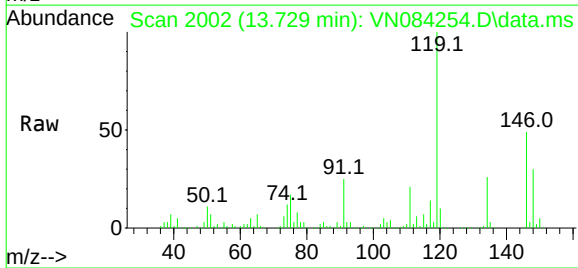
Tgt Ion:	146	Resp:	202923
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.8	65.3
148	63.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#88

1,4-Dichlorobenzene

Concen: 50.669 ug/l

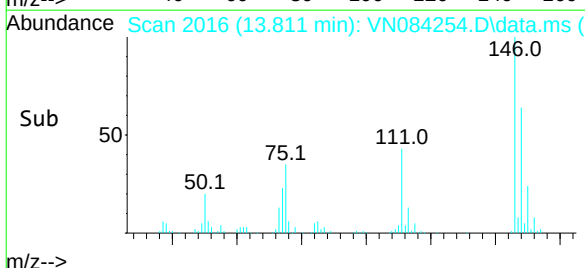
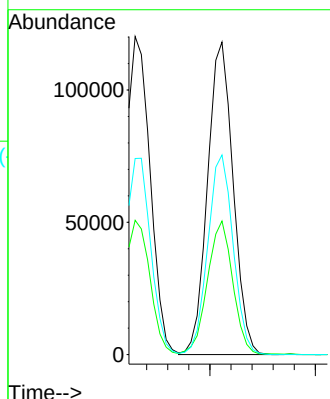
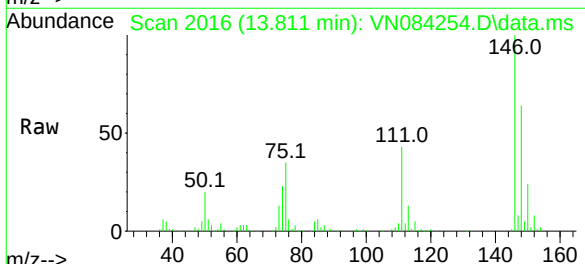
RT: 13.811 min Scan# 2016

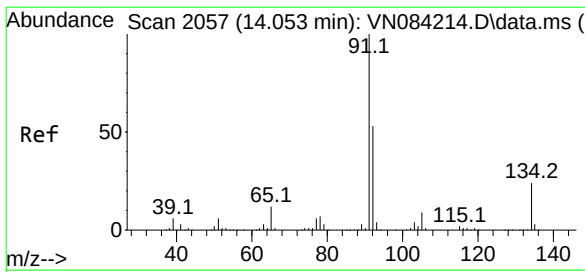
Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Tgt Ion:	146	Resp:	199360
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.2	63.6
148	63.3	31.9	95.9





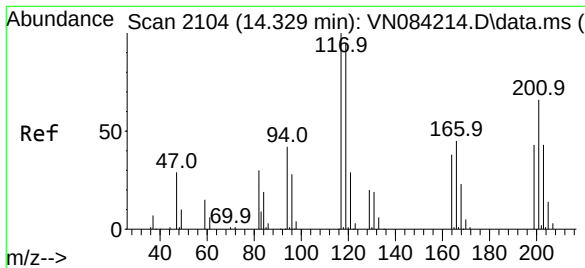
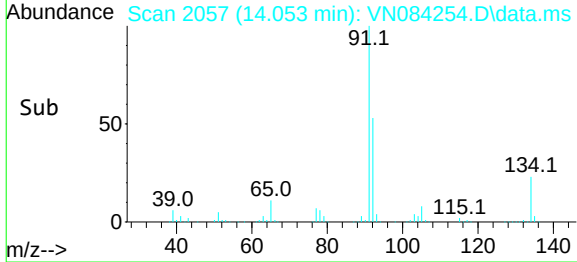
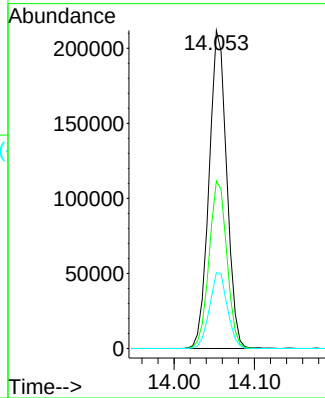
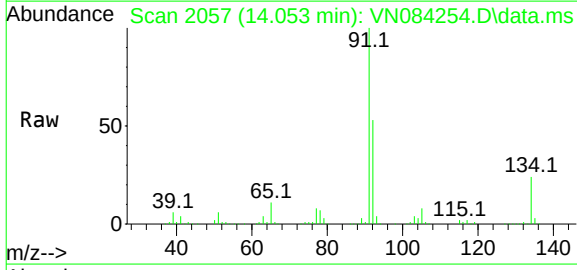
#89
n-Butylbenzene
Concen: 51.668 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD

Tgt Ion:	91	Resp:	322710
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	24.2	12.3	36.9

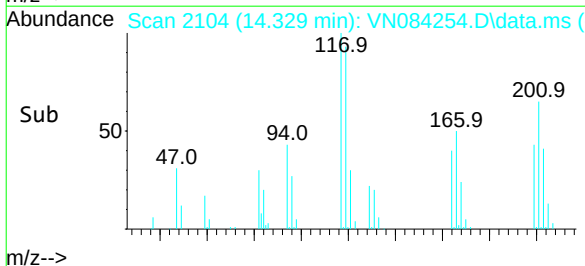
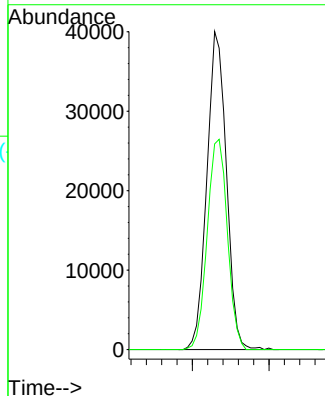
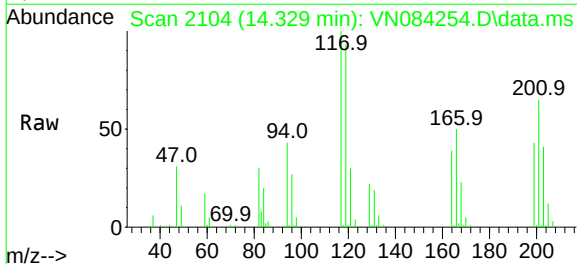
Manual Integrations
APPROVED

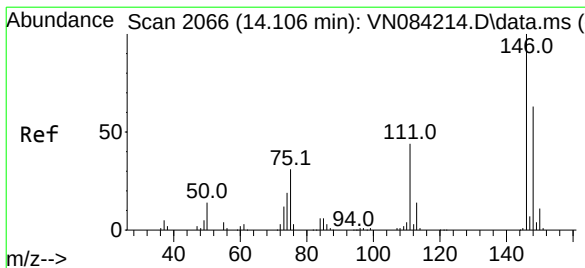
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#90
Hexachloroethane
Concen: 50.607 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion:	117	Resp:	70757
Ion	Ratio	Lower	Upper
117	100		
201	68.2	34.4	103.2





#91

1,2-Dichlorobenzene

Concen: 50.835 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

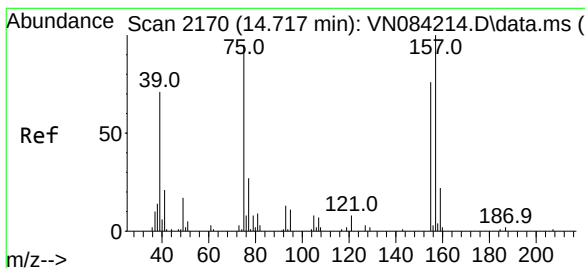
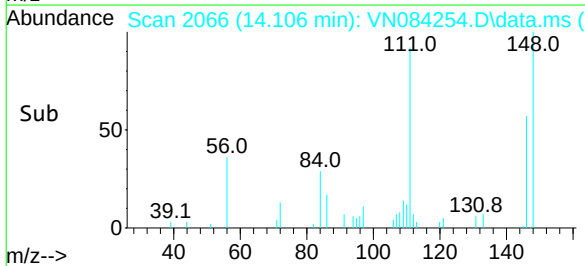
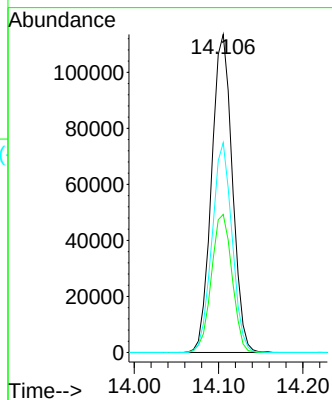
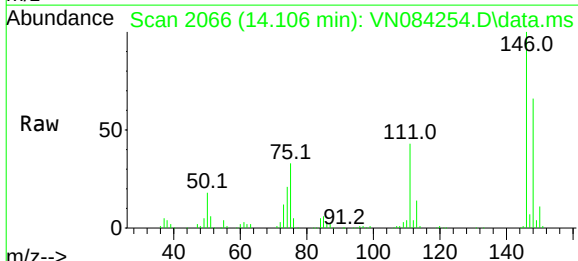
TT172S1-20240924MSD

Tgt Ion:	146	Resp:	194207
Ion Ratio	Lower	Upper	
146	100		
111	43.2	22.0	66.0
148	63.7	32.1	96.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.839 ug/l

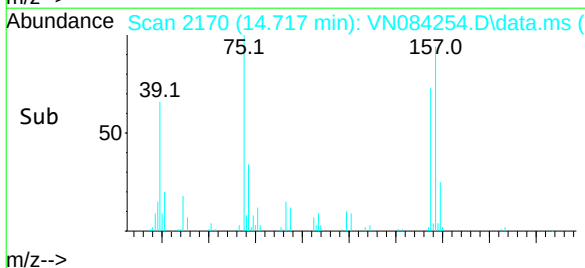
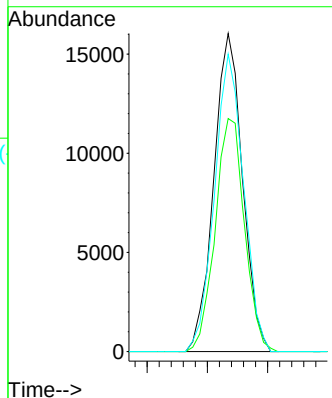
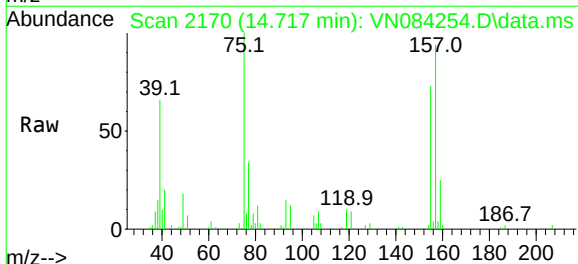
RT: 14.717 min Scan# 2170

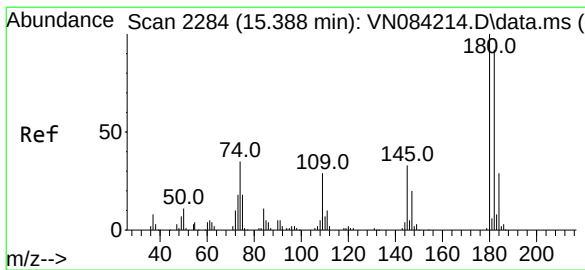
Delta R.T. -0.000 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

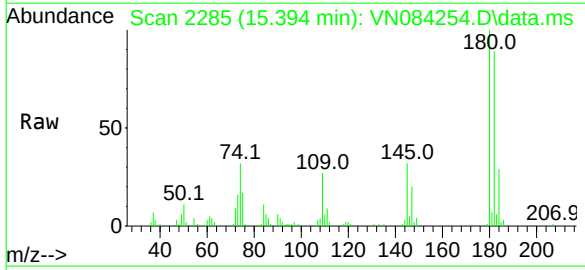
Tgt Ion:	75	Resp:	26627
Ion Ratio	Lower	Upper	
75	100		
155	74.6	38.1	114.5
157	94.4	49.6	149.0





#93
1,2,4-Trichlorobenzene
Concen: 49.745 ug/l
RT: 15.394 min Scan# 2284
Delta R.T. 0.006 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

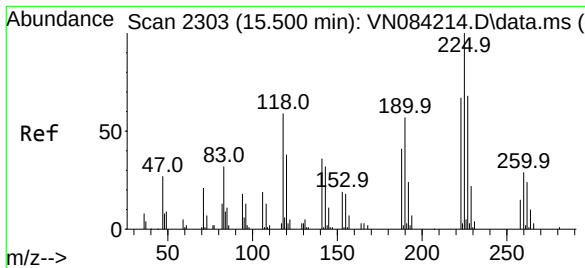
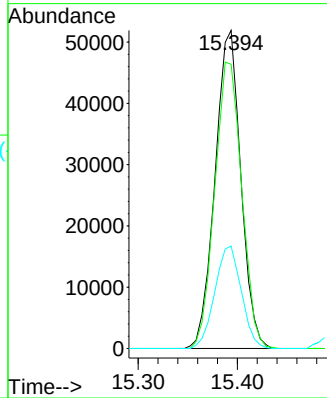
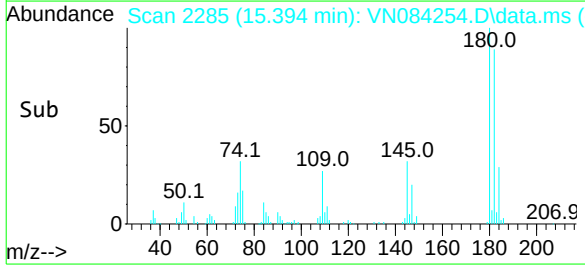
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20240924MSD



Tgt Ion:180 Resp: 93607
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 33.1 16.4 49.4

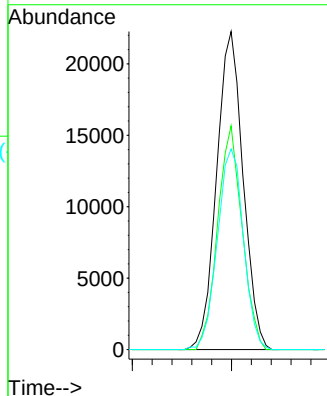
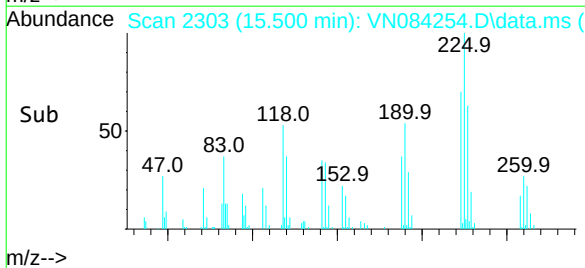
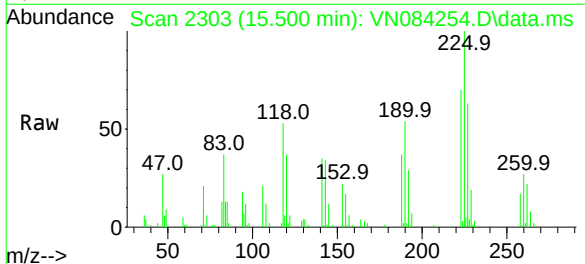
Manual Integrations
APPROVED

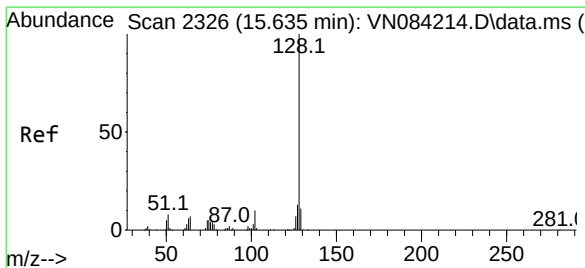
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#94
Hexachlorobutadiene
Concen: 43.955 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084254.D
Acq: 01 Oct 2024 21:06

Tgt Ion:225 Resp: 41248
Ion Ratio Lower Upper
225 100
223 65.0 32.4 97.2
227 62.1 32.4 97.0





#95

Naphthalene

Concen: 49.216 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20240924MSD

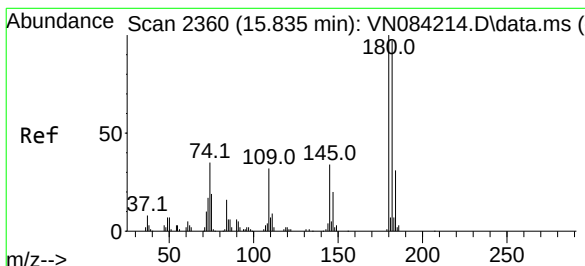
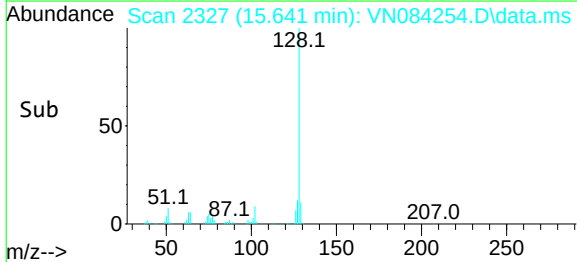
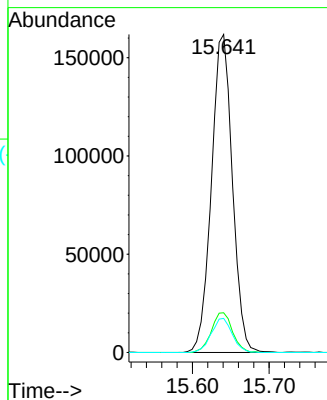
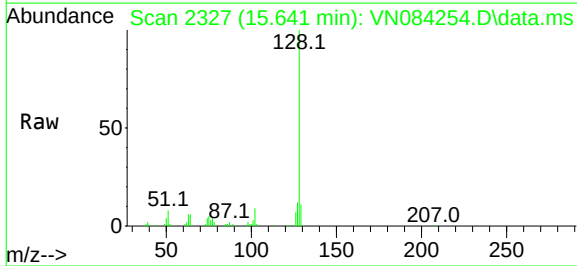
Tgt Ion:	128	Resp:	307022
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.659 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084254.D

Acq: 01 Oct 2024 21:06

Tgt Ion:	180	Resp:	93539
Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.2	144.6
145	34.6	17.3	51.9

