

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080666.D
 Acq On : 11 Jan 2024 10:06
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 12 04:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 04:36:53 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/12/2024
 Supervised By : Semsettin Yesilyurt 01/12/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	16458	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	129857	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	141696	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	72112	27.133	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.433%	#	
60) 4-Bromofluorobenzene	12.847	95	98896	31.551	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.167%		
63) Toluene-d8	10.565	98	186515	29.993	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.967%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	403997	144.430	ug/l	99
3) Chloromethane	2.359	50	534526	140.284	ug/l	97
4) Vinyl Chloride	2.512	62	410967	141.786	ug/l	98
5) Bromomethane	2.942	94	136431	128.191	ug/l	95
6) Chloroethane	3.118	64	211037	134.675	ug/l	92
7) Trichlorofluoromethane	3.495	101	612452	141.438	ug/l	97
8) Diethyl Ether	3.953	74	272653	143.210	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	360714	144.558	ug/l	88
10) 1,1-Dichloroethene	4.336	96	374215	139.331	ug/l	# 83
11) Methyl Iodide	4.589	142	312898	136.869	ug/l	93
12) Methyl Acetate	5.018	43	409308	129.074	ug/l	# 81
13) Acrolein	4.171	56	257955	610.493	ug/l	99
14) Acrylonitrile	5.712	53	931049	651.547	ug/l	98
15) Acetone	4.418	58	200617	619.146	ug/l	84
16) Carbon Disulfide	4.712	76	1108082	133.446	ug/l	97
17) Allyl chloride	5.018	41	719314	131.501	ug/l	87
18) Methylene Chloride	5.271	84	419819	134.787	ug/l	# 83
19) trans-1,2-Dichloroethene	5.783	96	380111	134.883	ug/l	88
20) Diisopropyl ether	6.665	45	1472345	133.812	ug/l	# 92
21) 1,1-Dichloroethane	6.565	63	800566	133.888	ug/l	94
22) cis-1,2-Dichloroethene	7.483	96	431244m	130.752	ug/l	
23) tert-Butyl Alcohol	5.512	59	314503	638.006	ug/l	# 100
24) Methyl tert-Butyl Ether	5.789	73	1306896m	134.832	ug/l	
25) Chloroform	7.965	83	748069	134.375	ug/l	96
26) Cyclohexane	8.259	56	653095	138.896	ug/l	# 89
29) 1,1-Dichloropropene	8.371	75	588962	149.202	ug/l	97
30) 2-Butanone	7.477	43	1188197	680.238	ug/l	91
31) 2,2-Dichloropropane	7.489	77	712651	150.283	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	657084	151.279	ug/l	# 94
33) Carbon Tetrachloride	8.359	117	521424	152.001	ug/l	96
34) Benzene	8.606	78	1683560	143.790	ug/l	97
35) Methacrylonitrile	7.777	41	315622	143.998	ug/l	90
36) 1,2-Dichloroethane	8.671	62	625775	145.353	ug/l	# 94
37) Trichloroethene	9.353	130	369303	144.626	ug/l	86
38) Methylcyclohexane	9.600	83	582051	151.355	ug/l	91
39) 1,2-Dichloropropane	9.624	63	452043	143.242	ug/l	98
40) Dibromomethane	9.706	93	263698	140.436	ug/l	87
41) Bromodichloromethane	9.888	83	604890	147.209	ug/l	# 97
42) Vinyl Acetate	6.600	43	5718981	704.441	ug/l	# 93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	521499	142.179	ug/l	99
44) Isopropyl Acetate	8.688	43	987564	141.047	ug/l	91
45) 1,4-Dioxane	9.694	88	100064	2512.851	ug/l #	86
46) Methyl methacrylate	9.677	41	468732	142.170	ug/l	76
47) n-amyl Acetate	12.494	43	874838m	139.356	ug/l	
48) t-1,3-Dichloropropene	10.835	75	709631	146.569	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	753685	146.663	ug/l #	79
50) 1,1,2-Trichloroethane	11.018	97	361250	140.089	ug/l	95
51) Ethyl methacrylate	10.877	69	634714	142.385	ug/l	70
52) 1,3-Dichloropropane	11.165	76	681800	140.444	ug/l	99
53) Dibromochloromethane	11.359	129	379032	146.885	ug/l	100
54) 1,2-Dibromoethane	11.471	107	366786	144.698	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	1543510	673.659	ug/l	94
56) Bromoform	12.582	173	224564	147.319	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	2558705	686.450	ug/l #	85
59) 2-Hexanone	11.194	43	1919979	689.889	ug/l #	86
61) Tetrachloroethene	11.106	164	275590	146.109	ug/l	96
62) Toluene	10.630	91	1676138	147.071	ug/l	100
64) Chlorobenzene	11.894	112	944049	148.722	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	325825	142.860	ug/l	97
66) Ethyl Benzene	11.965	91	1795841	149.819	ug/l	99
67) m/p-Xylenes	12.071	106	1268439	294.419	ug/l	92
68) o-Xylene	12.400	106	631430	146.958	ug/l	93
69) Styrene	12.412	104	1067326	147.859	ug/l	96
70) Isopropylbenzene	12.694	105	1583843	150.825	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	478869	139.708	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	448464m	133.169	ug/l	
73) Bromobenzene	12.982	156	328129	146.595	ug/l	73
74) n-propylbenzene	13.035	91	1986573	156.860	ug/l	97
75) 2-Chlorotoluene	13.123	91	1222835	153.537	ug/l	95
76) 1,3,5-Trimethylbenzene	13.176	105	1321044	151.145	ug/l	95
77) t-1,4-Dichloro-2-butene	12.741	75	204287	153.395	ug/l	88
78) 4-Chlorotoluene	13.223	91	1218741	153.085	ug/l	94
79) tert-butylbenzene	13.441	119	1040400	152.500	ug/l	93
80) 1,2,4-Trimethylbenzene	13.482	105	1284504	150.216	ug/l	99
81) sec-Butylbenzene	13.618	105	1538132	153.153	ug/l	97
82) p-Isopropyltoluene	13.729	119	1174100	153.298	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	575884	148.302	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	595905	152.407	ug/l	98
85) n-Butylbenzene	14.059	91	1230206	162.568	ug/l	97
86) Hexachloroethane	14.335	117	231270	160.577	ug/l	78
87) 1,2-Dichlorobenzene	14.106	146	569335	149.459	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	104647	146.637	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.841	180	286289	149.841	ug/l	98
90) Hexachlorobutadiene	15.506	225	129123	147.504	ug/l	99
91) Naphthalene	15.641	128	1087286	145.975	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	286289	149.841	ug/l	98

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC150

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/12/2024

Supervised By : Semsettin Yesilyurt 01/12/2024

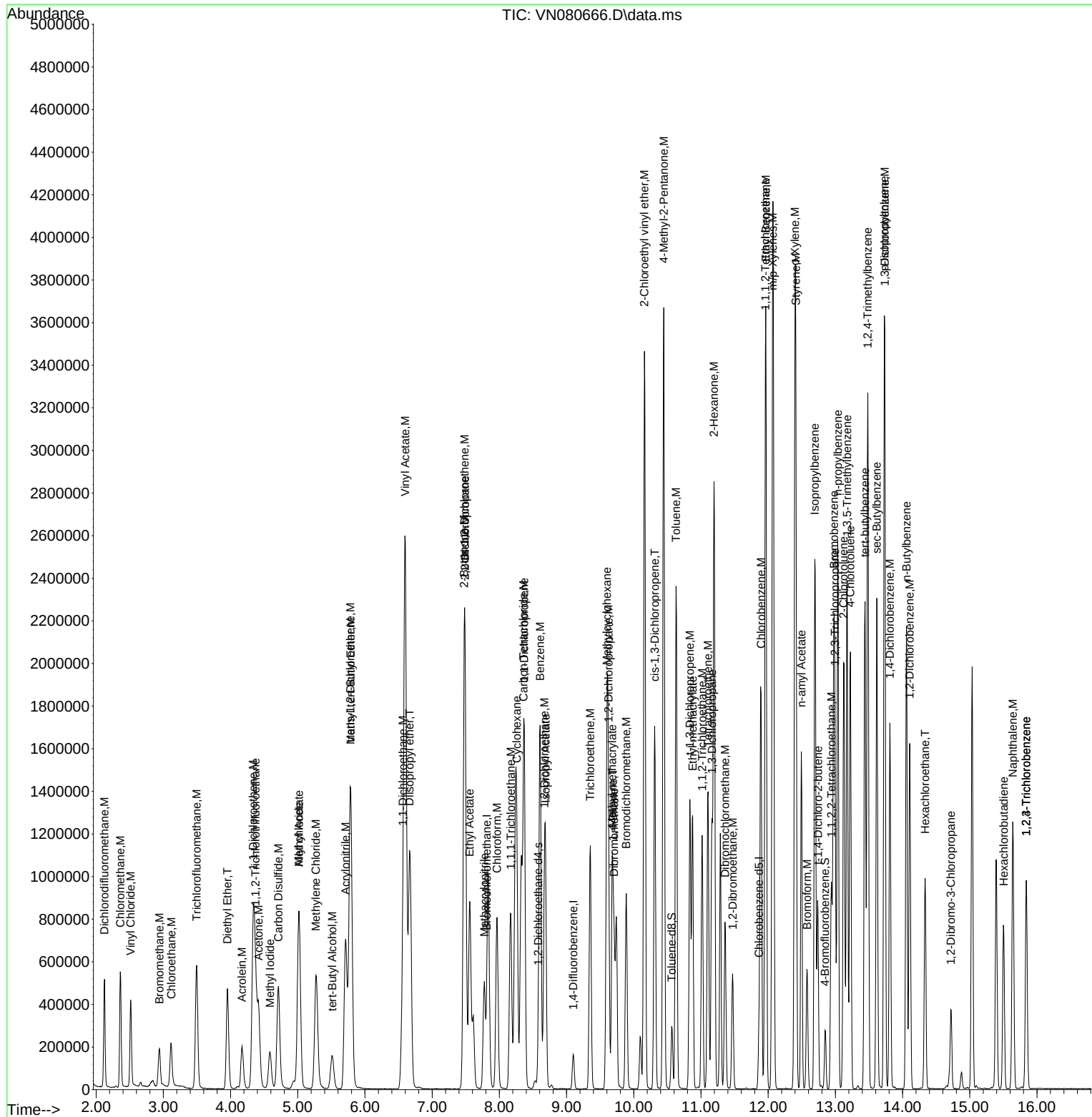
Quant Time: Jan 12 04:38:20 2024

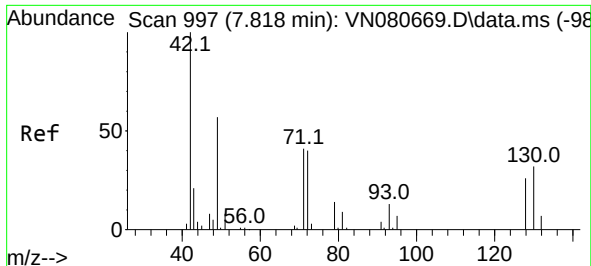
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Fri Jan 12 04:36:53 2024

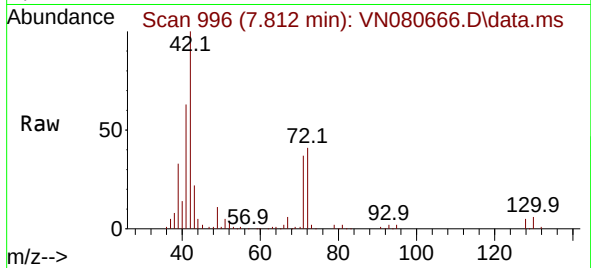
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

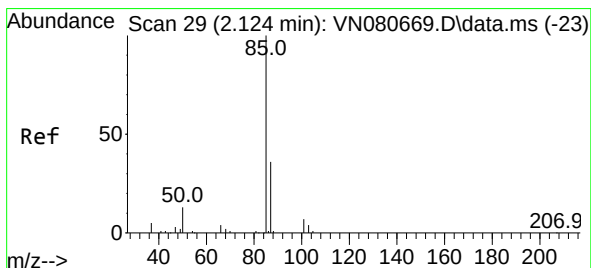
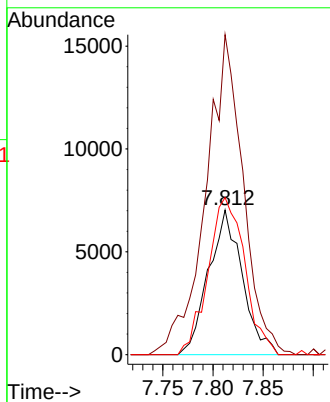
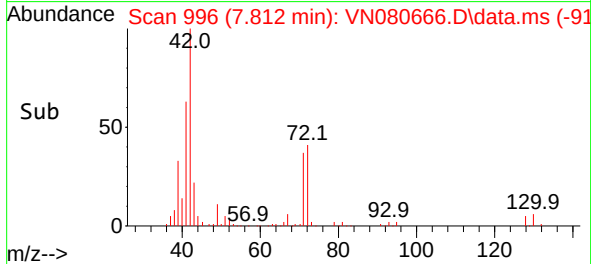
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 16458
Ion Ratio Lower Upper
128 100
49 245.9 0.0 403.7
130 118.2 0.0 323.3

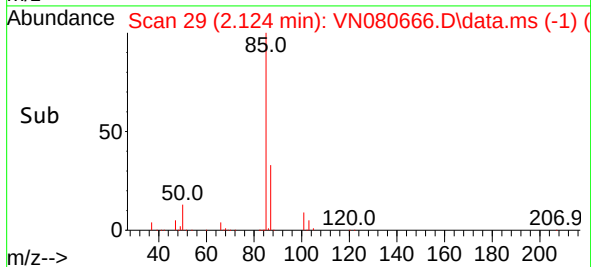
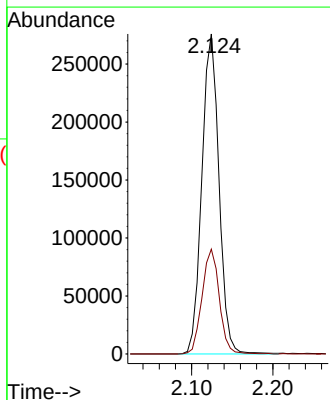
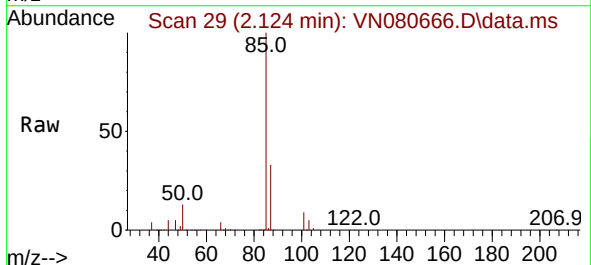
Manual Integrations
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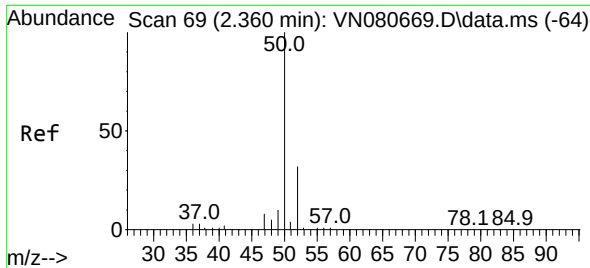
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#2
Dichlorodifluoromethane
Concen: 144.430 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 85 Resp: 403997
Ion Ratio Lower Upper
85 100
87 32.8 16.8 50.3





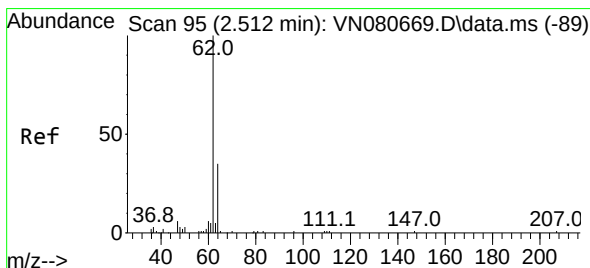
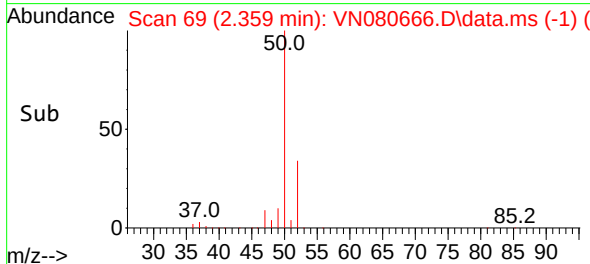
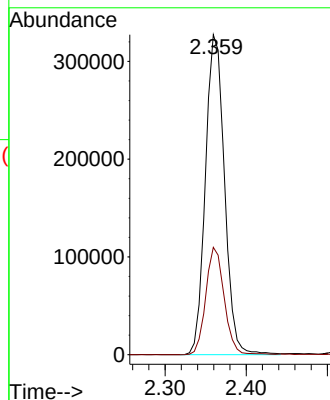
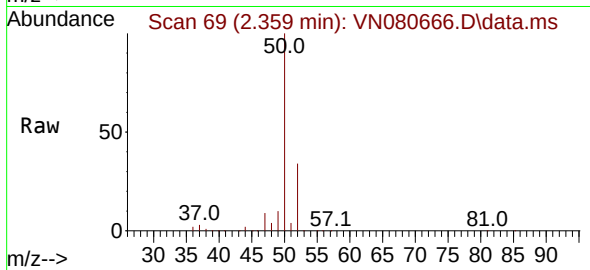
#3
Chloromethane
Concen: 140.284 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 50 Resp: 534520
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.0

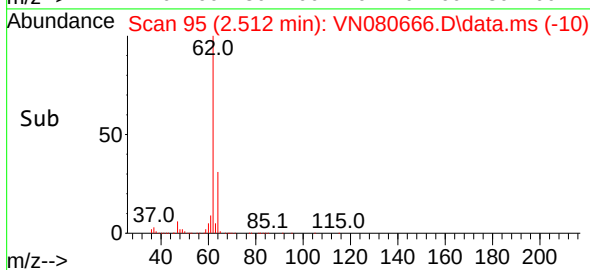
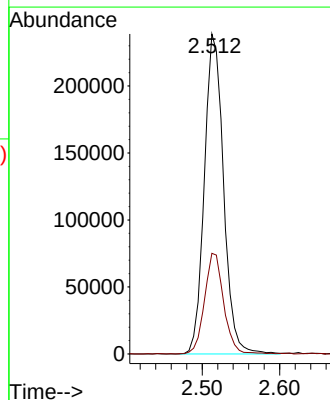
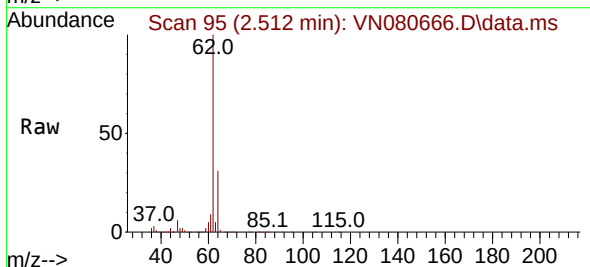
Manual Integrations
APPROVED

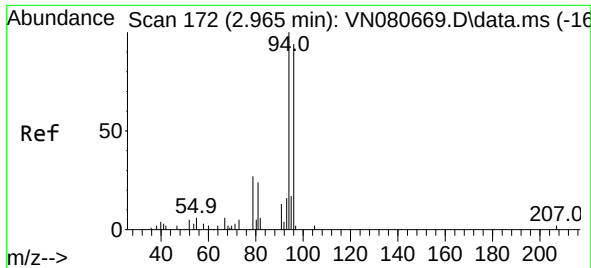
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#4
Vinyl Chloride
Concen: 141.786 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

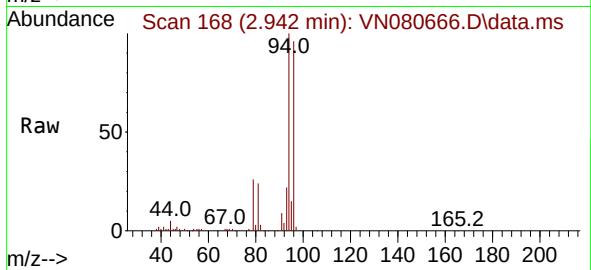
Tgt Ion: 62 Resp: 410967
Ion Ratio Lower Upper
62 100
64 31.4 24.1 36.1





#5
Bromomethane
Concen: 128.191 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

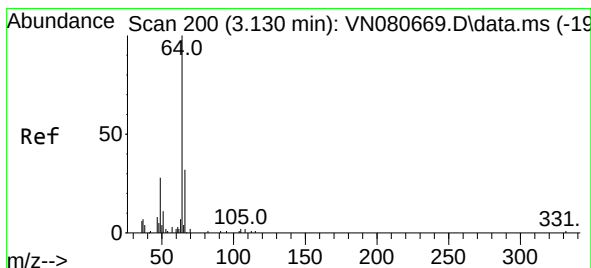
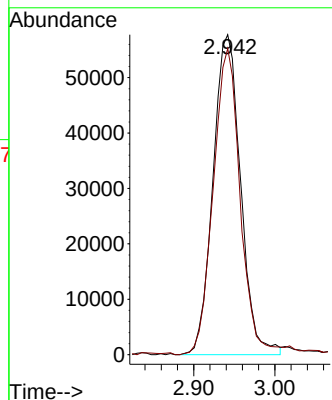
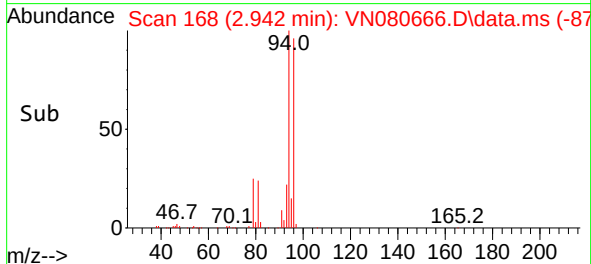
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 13643
Ion Ratio Lower Upper
94 100
96 95.7 72.8 109.2

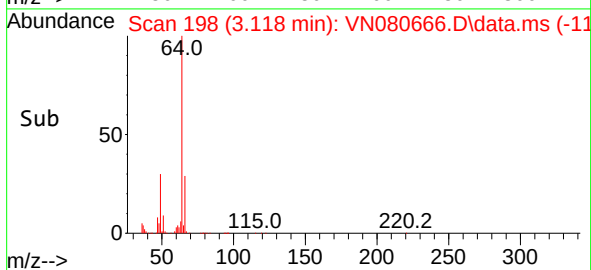
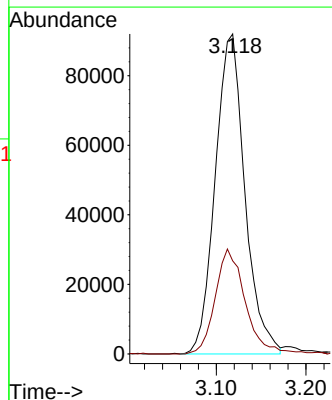
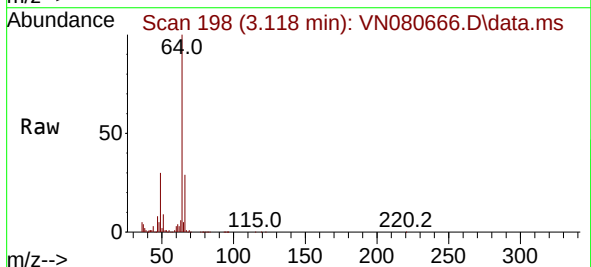
Manual Integrations
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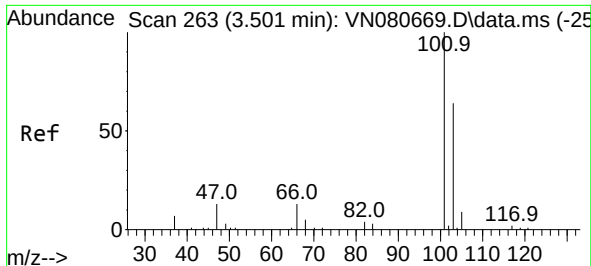
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#6
Chloroethane
Concen: 134.675 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN080666.D
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Tgt Ion: 64 Resp: 211037
Ion Ratio Lower Upper
64 100
66 29.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 141.438 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

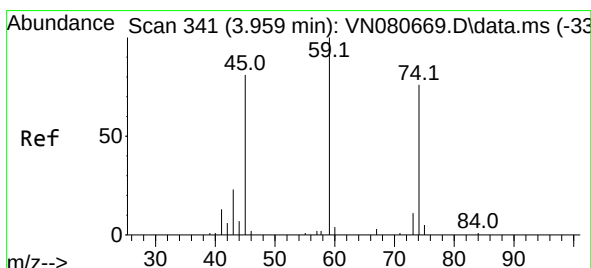
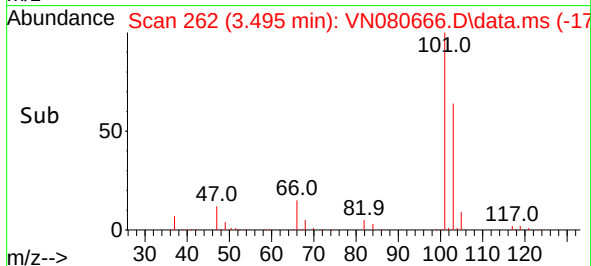
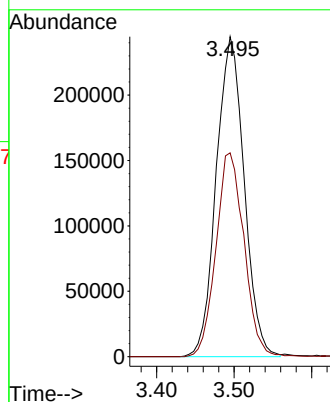
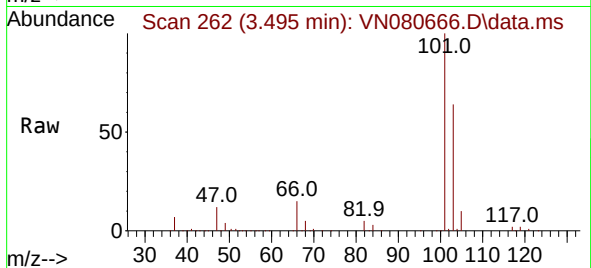
VSTDICC150

Tgt Ion:101 Resp: 612452
Ion Ratio Lower Upper
101 100
103 63.7 53.0 79.4

Manual Integrations

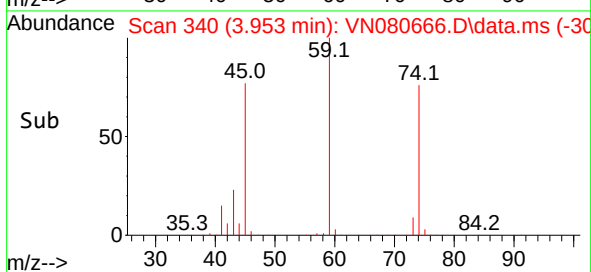
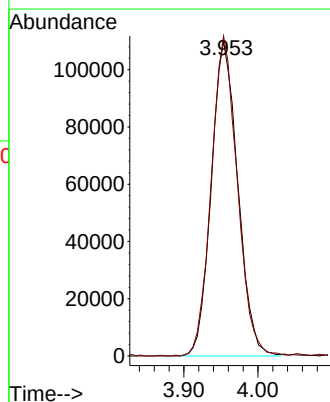
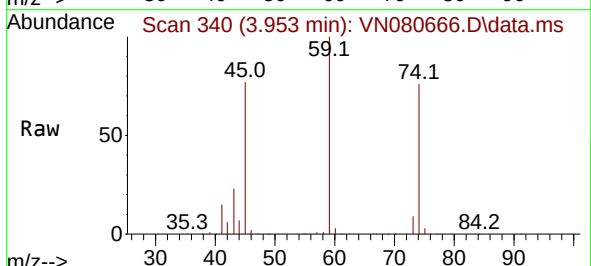
APPROVED

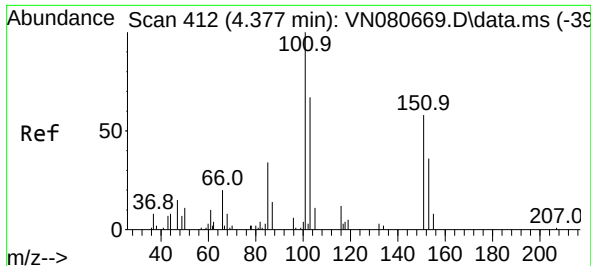
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#8
Diethyl Ether
Concen: 143.210 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

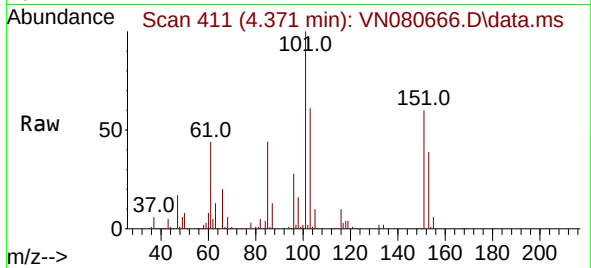
Tgt Ion: 74 Resp: 272653
Ion Ratio Lower Upper
74 100
45 100.3 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.558 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080666.D
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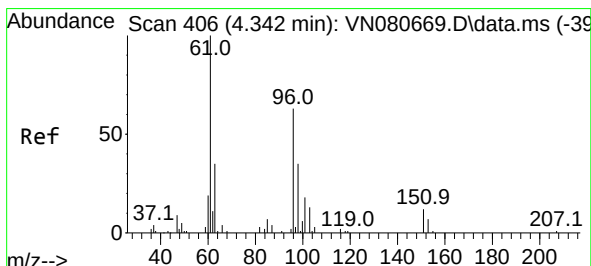
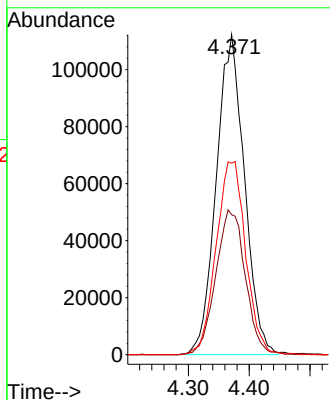
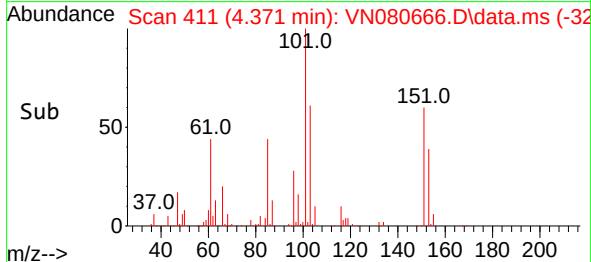
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 360714
Ion Ratio Lower Upper
101 100
85 47.2 0.0 90.6
151 63.3 0.0 157.6

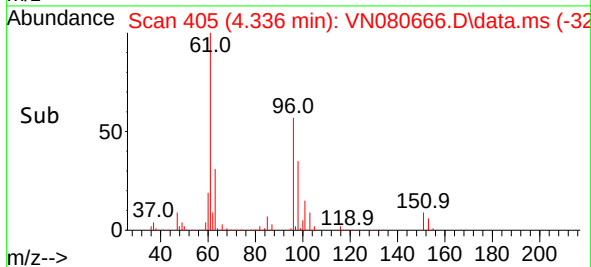
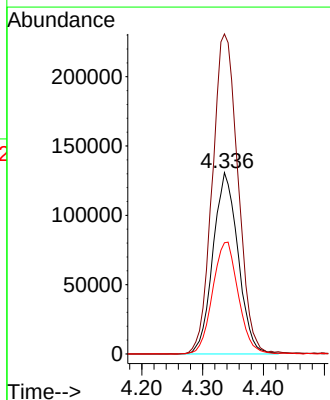
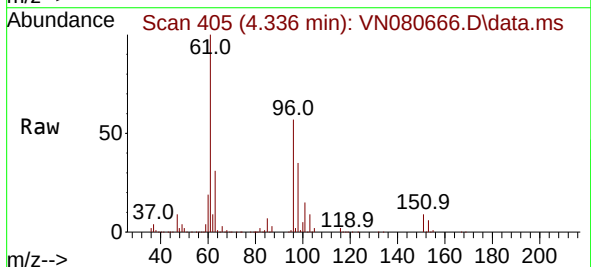
Manual Integrations
APPROVED

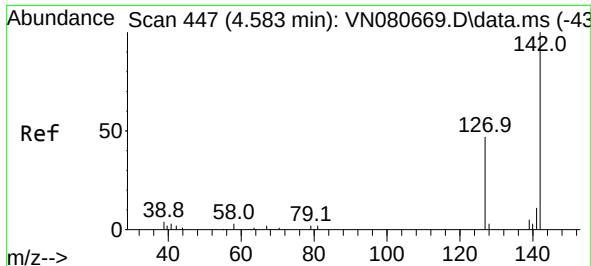
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#10
1,1-Dichloroethene
Concen: 139.331 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

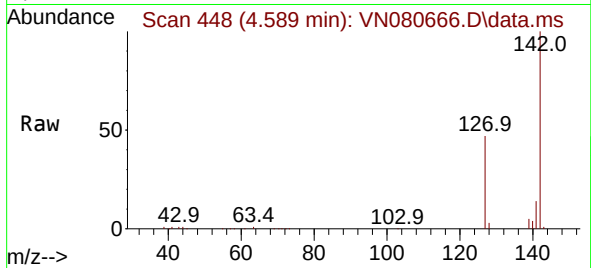
Tgt Ion: 96 Resp: 374215
Ion Ratio Lower Upper
96 100
61 176.5 117.6 176.4#
98 61.4 48.4 72.6





#11
Methyl Iodide
Concen: 136.869 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

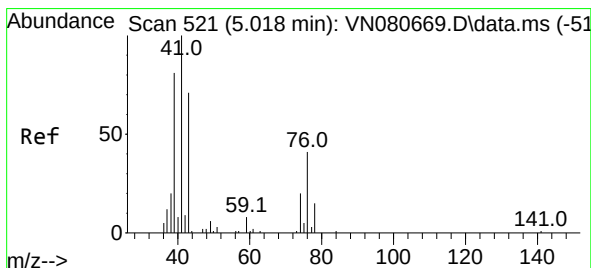
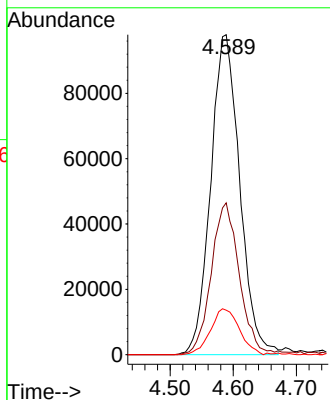
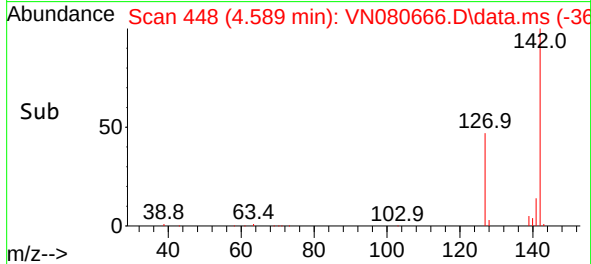
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 312898
Ion Ratio Lower Upper
142 100
127 47.1 26.3 78.9
141 13.8 8.3 24.9

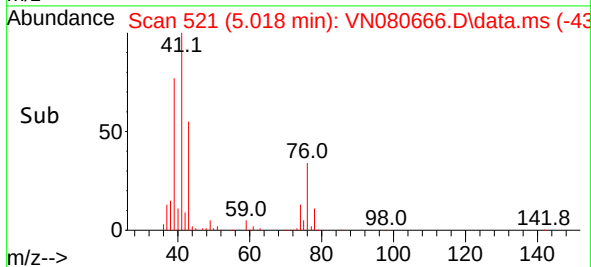
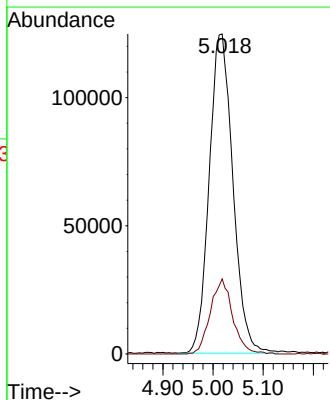
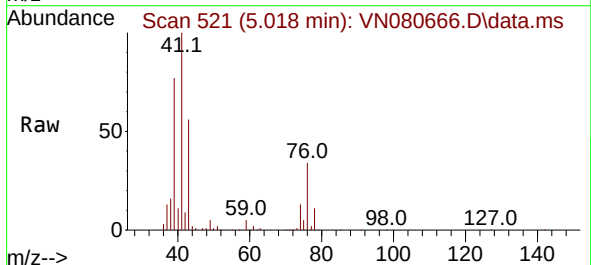
Manual Integrations
APPROVED

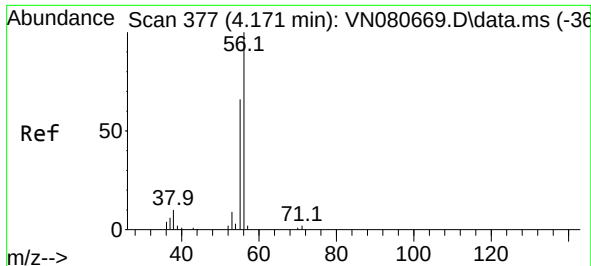
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#12
Methyl Acetate
Concen: 129.074 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

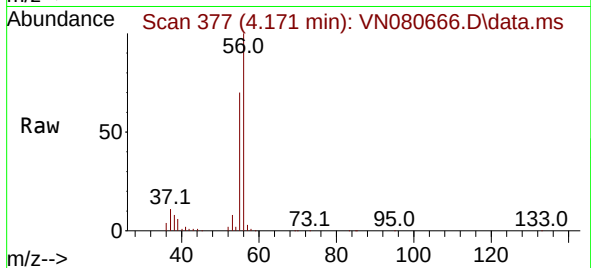
Tgt Ion: 43 Resp: 409308
Ion Ratio Lower Upper
43 100
74 23.6 27.7 41.5#





#13
Acrolein
Concen: 610.493 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

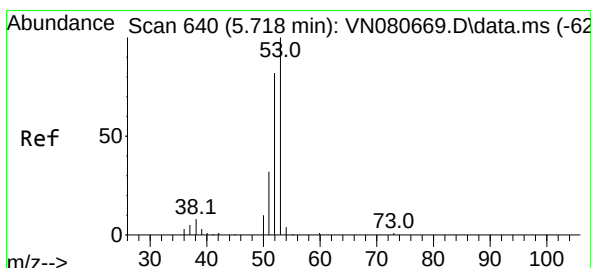
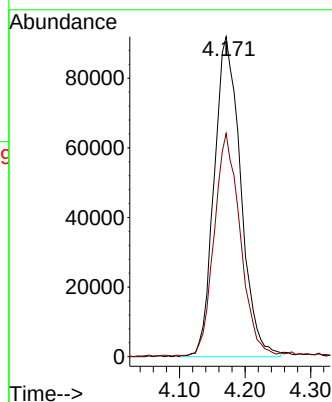
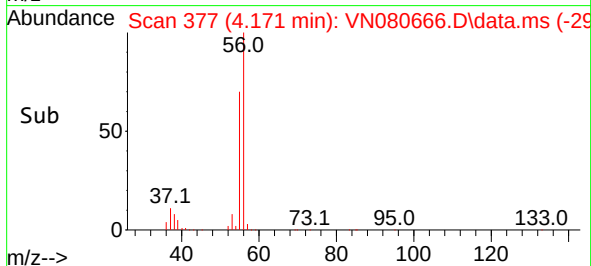
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



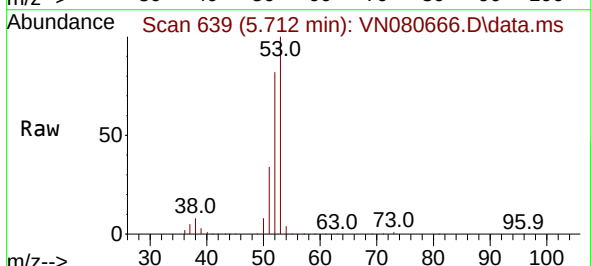
Tgt Ion: 56 Resp: 25795
Ion Ratio Lower Upper
56 100
55 68.6 55.5 83.3

Manual Integrations
APPROVED

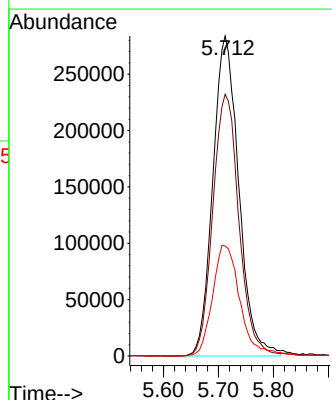
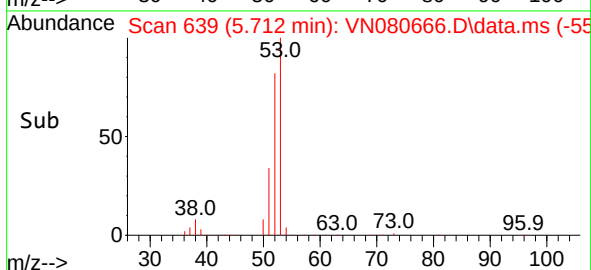
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

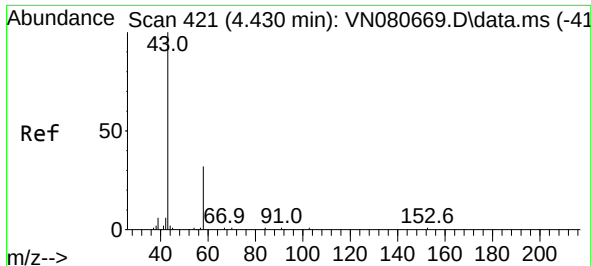


#14
Acrylonitrile
Concen: 651.547 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



Tgt Ion: 53 Resp: 931049
Ion Ratio Lower Upper
53 100
52 82.0 41.3 123.9
51 36.7 16.8 50.3





#15

Acetone

Concen: 619.146 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 58 Resp: 20061

Ion Ratio Lower Upper

58 100

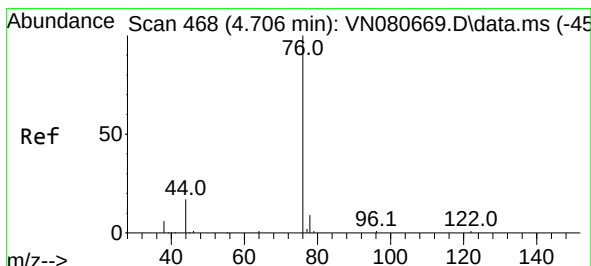
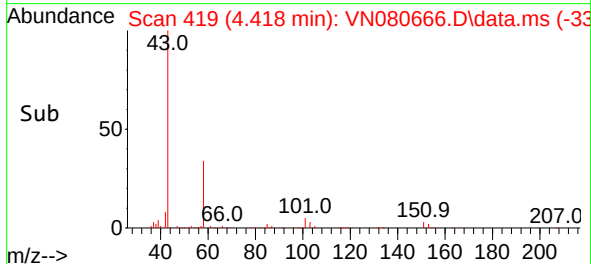
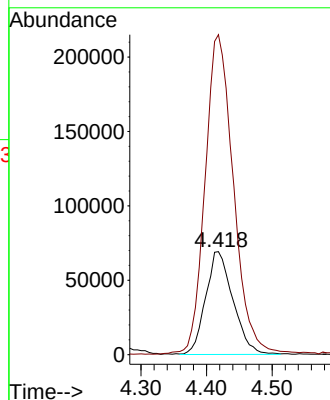
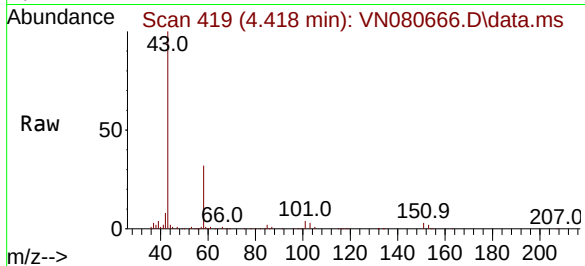
43 309.1 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#16

Carbon Disulfide

Concen: 133.446 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080666.D

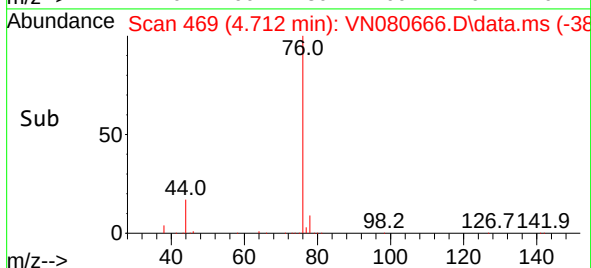
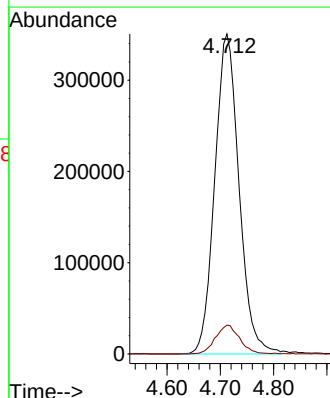
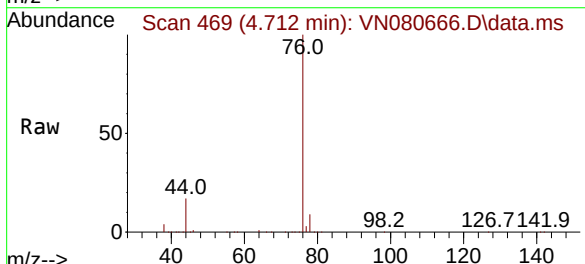
Acq: 11 Jan 2024 10:06

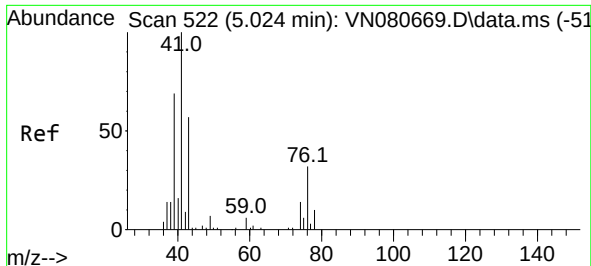
Tgt Ion: 76 Resp: 1108082

Ion Ratio Lower Upper

76 100

78 9.0 6.3 9.5





#17

Allyl chloride

Concen: 131.501 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 719314

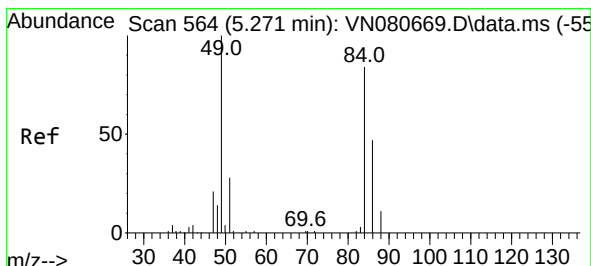
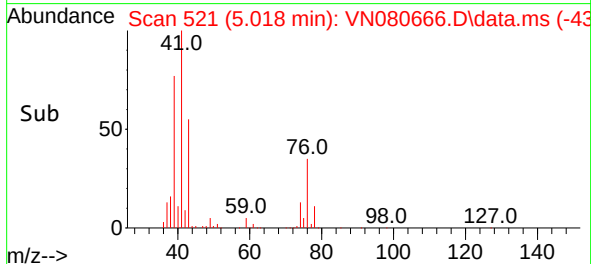
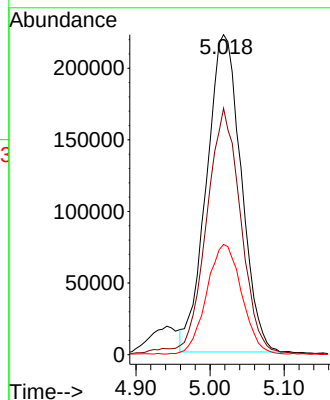
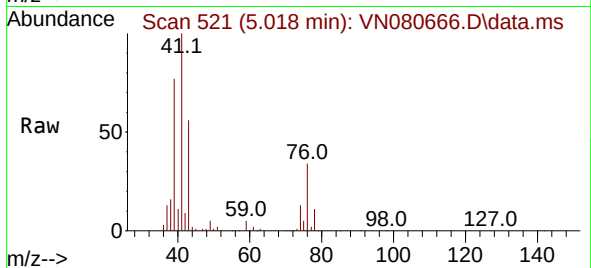
Ion	Ratio	Lower	Upper
41	100		
39	76.7	37.6	112.9
76	34.4	27.8	83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#18

Methylene Chloride

Concen: 134.787 ug/l

RT: 5.271 min Scan# 564

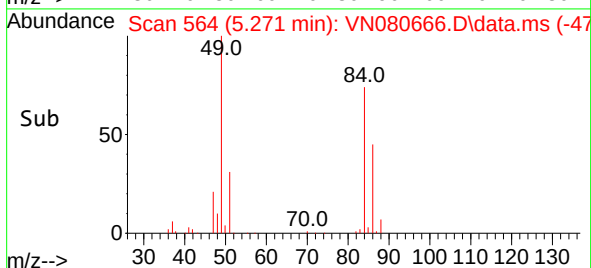
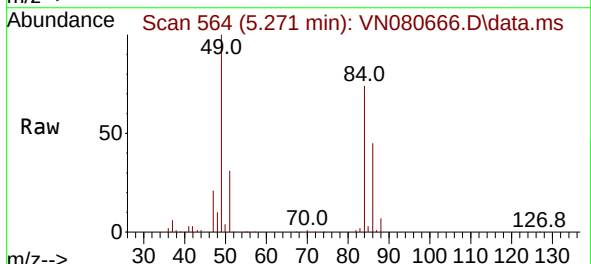
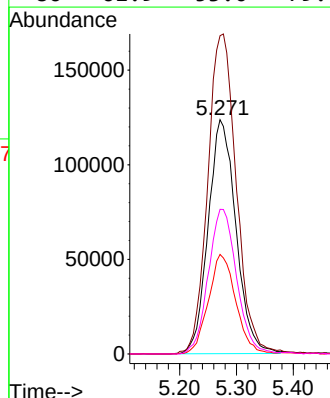
Delta R.T. 0.000 min

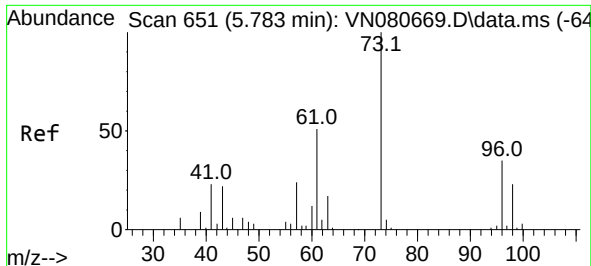
Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Tgt Ion: 84 Resp: 419819

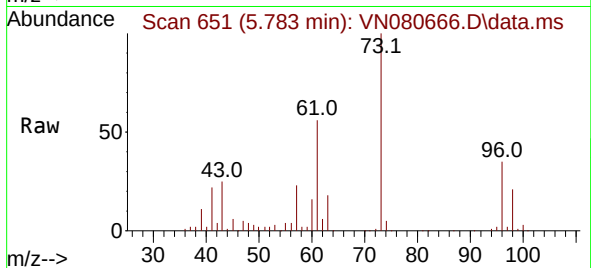
Ion	Ratio	Lower	Upper
84	100		
49	135.1	86.0	129.0#
51	42.3	30.0	45.0
86	61.9	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 134.883 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

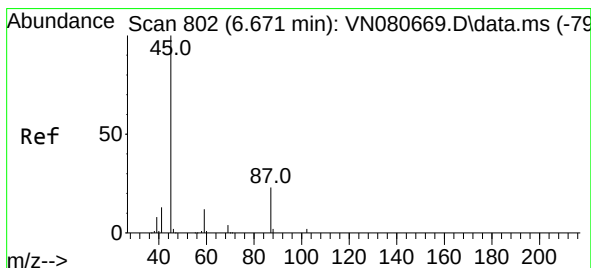
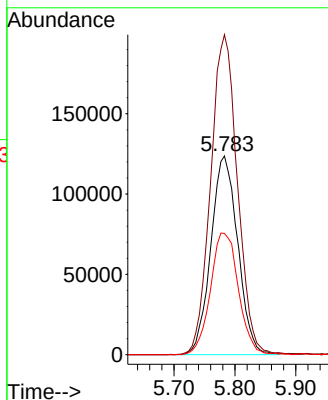
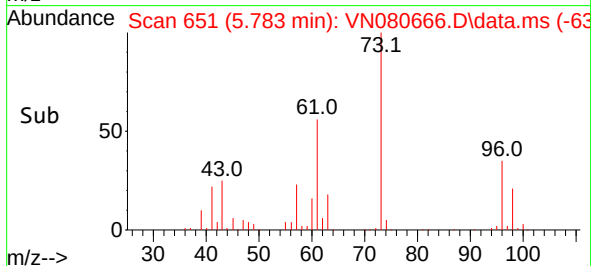
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 38011
Ion Ratio Lower Upper
96 100
61 160.9 111.8 167.6
98 60.9 49.2 73.8

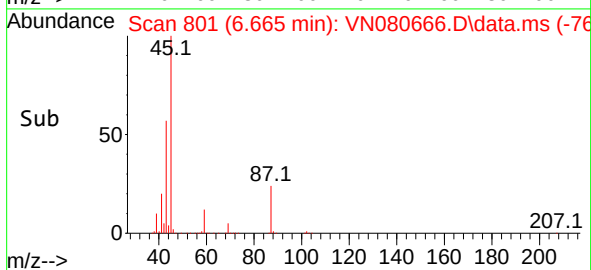
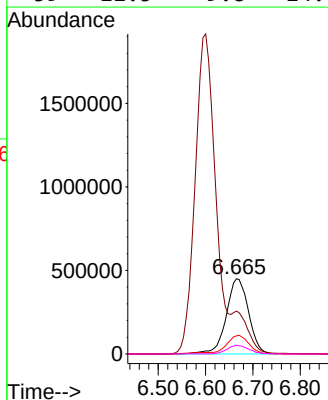
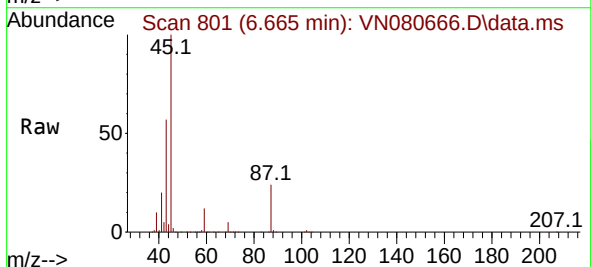
Manual Integrations
APPROVED

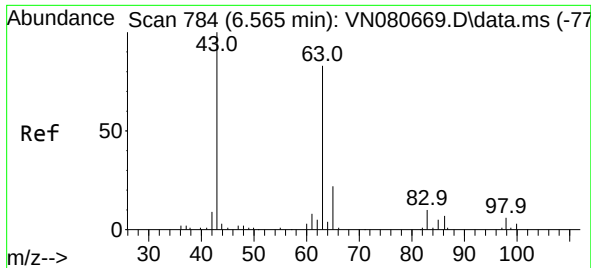
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#20
Diisopropyl ether
Concen: 133.812 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 45 Resp: 1472345
Ion Ratio Lower Upper
45 100
43 56.1 40.4 60.6
87 23.8 23.8 35.8#
59 11.5 9.8 14.6





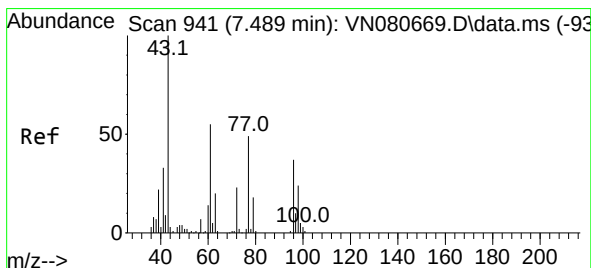
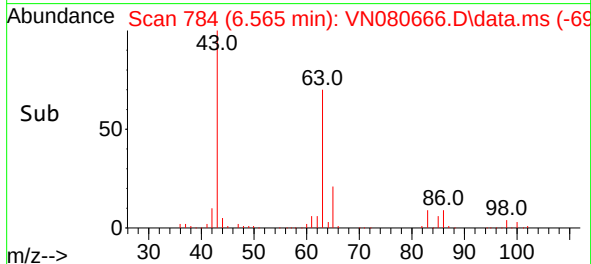
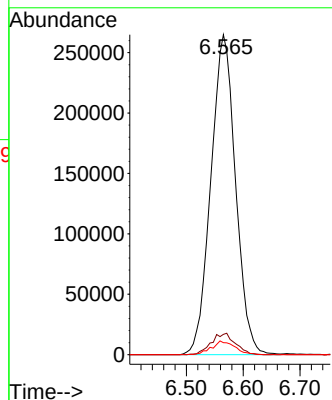
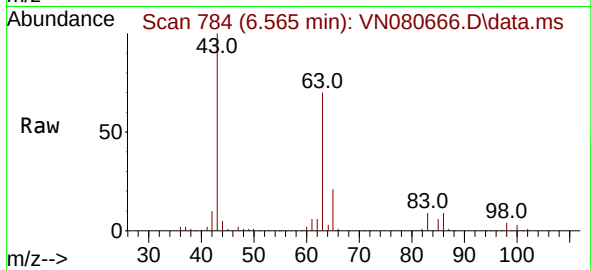
#21
1,1-Dichloroethane
Concen: 133.888 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 800560
Ion Ratio Lower Upper
63 100
98 6.4 4.1 12.3
100 3.8 3.0 9.0

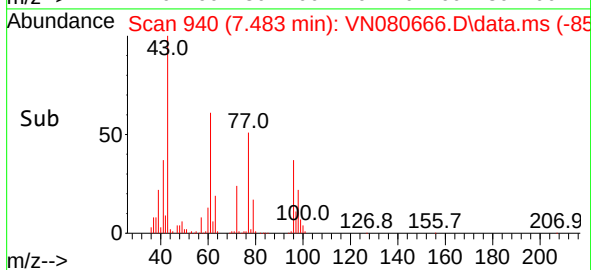
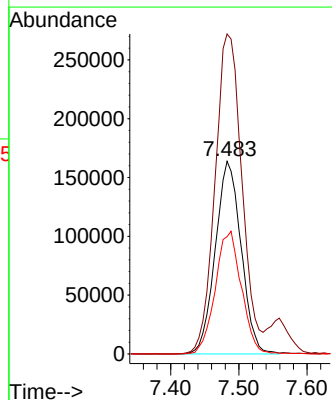
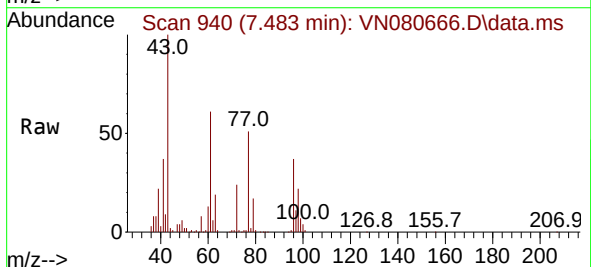
Manual Integrations
APPROVED

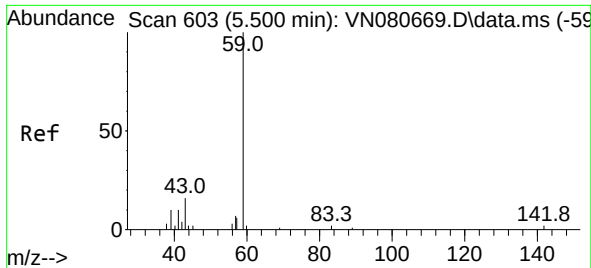
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#22
cis-1,2-Dichloroethene
Concen: 130.752 ug/l m
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

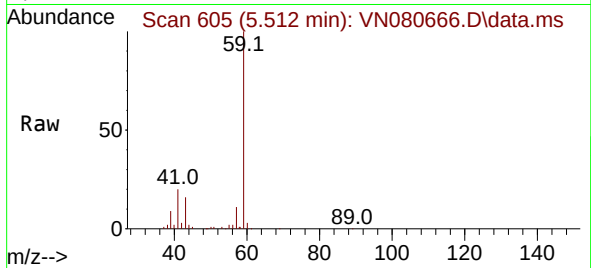
Tgt Ion: 96 Resp: 431244
Ion Ratio Lower Upper
96 100
61 0.1 113.5 170.3#
98 0.0 52.0 78.0#





#23
tert-Butyl Alcohol
Concen: 638.006 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

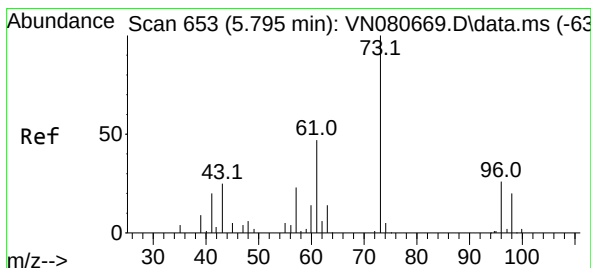
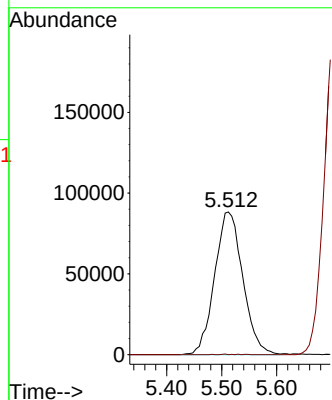
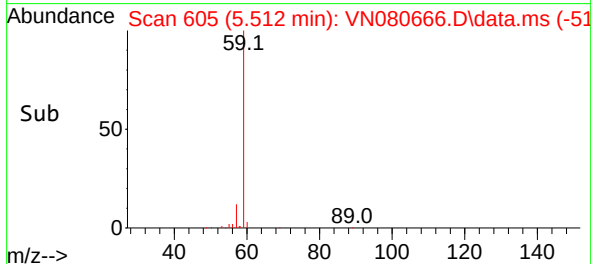
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 314500
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

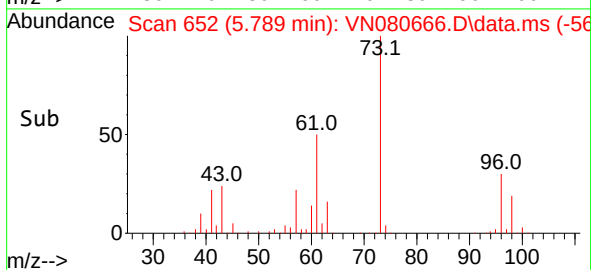
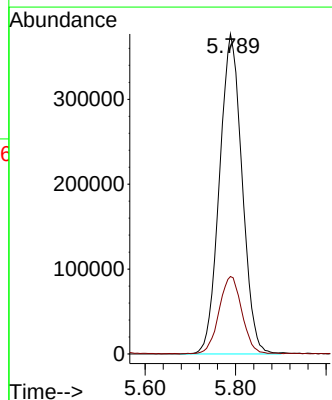
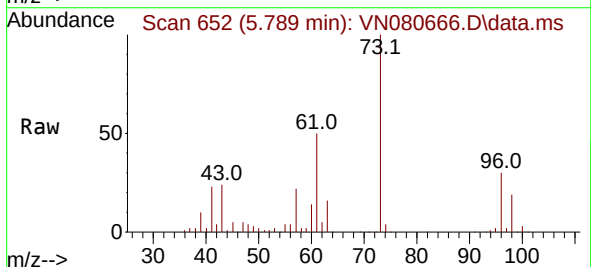
Manual Integrations
APPROVED

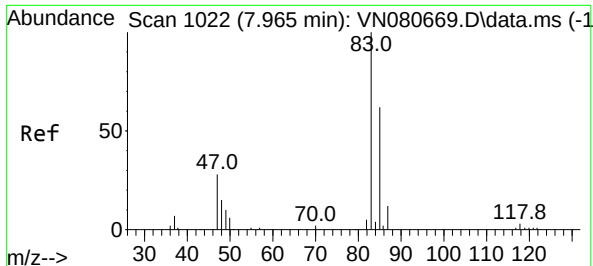
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#24
Methyl tert-Butyl Ether
Concen: 134.832 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 73 Resp: 1306896
Ion Ratio Lower Upper
73 100
43 0.0 13.4 20.2#





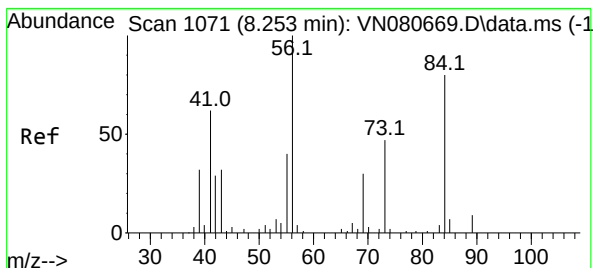
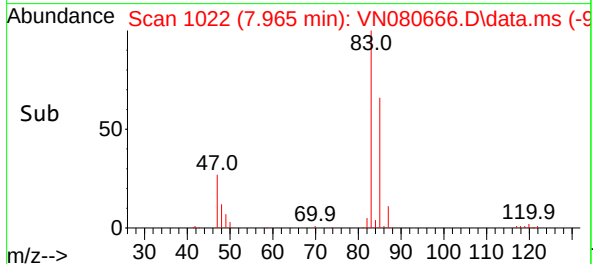
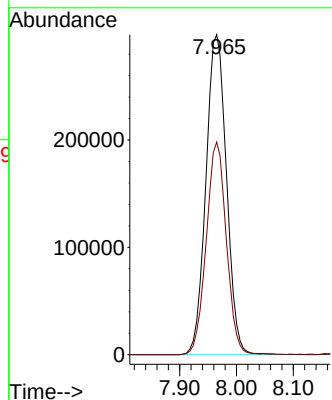
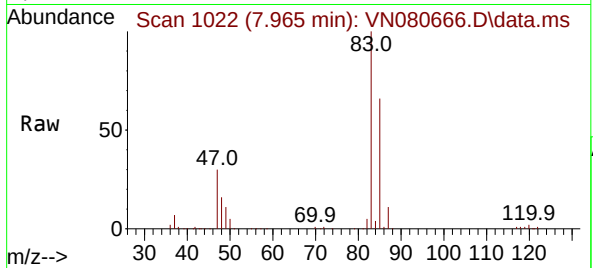
#25
Chloroform
Concen: 134.375 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 748069
Ion Ratio Lower Upper
83 100
85 66.4 50.9 76.3

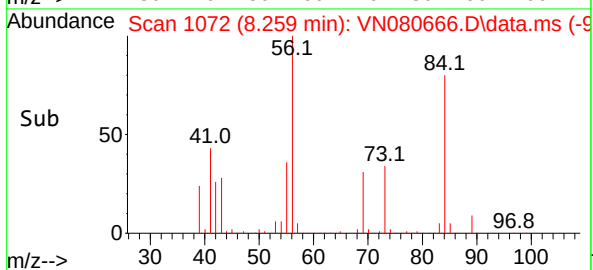
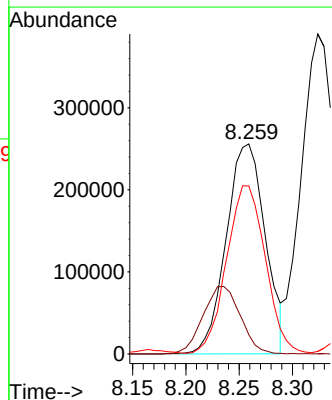
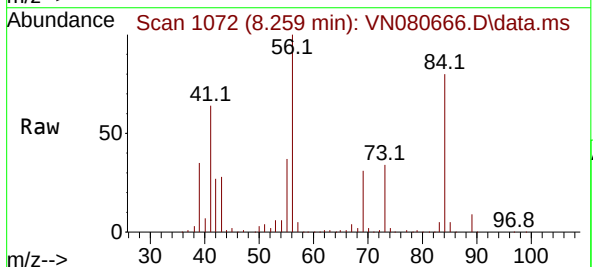
Manual Integrations
APPROVED

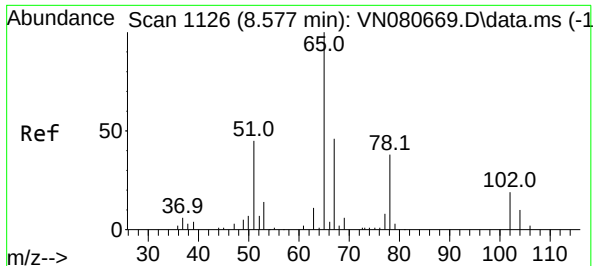
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#26
Cyclohexane
Concen: 138.896 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 56 Resp: 653095
Ion Ratio Lower Upper
56 100
89 30.7 19.3 28.9#
84 80.0 71.3 106.9





#27

1,2-Dichloroethane-d4

Concen: 27.133 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 7211

Ion Ratio Lower Upper

65 100

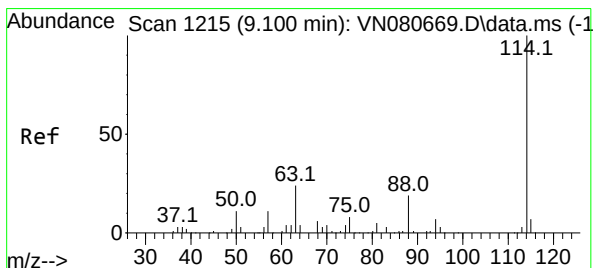
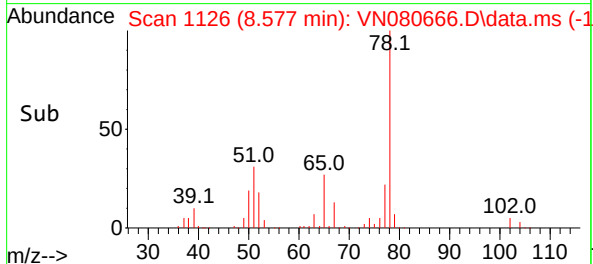
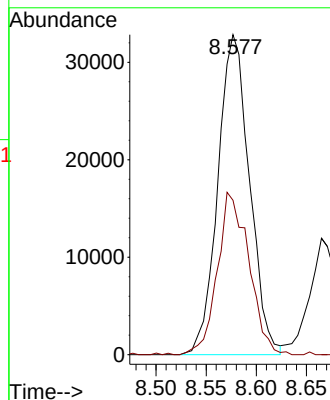
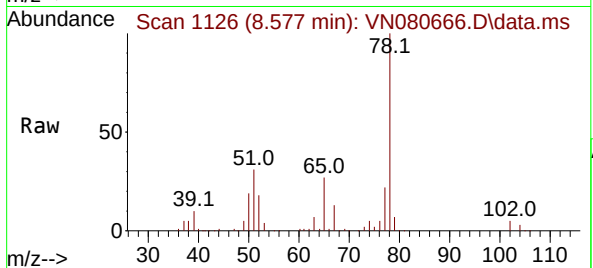
67 50.5 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

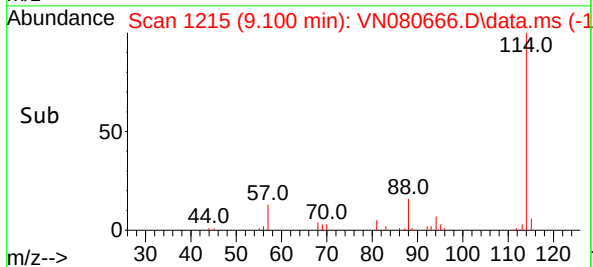
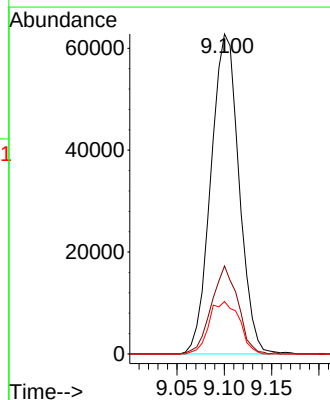
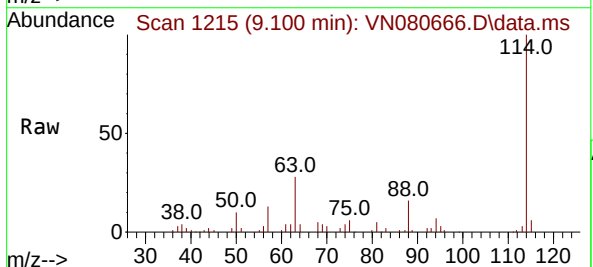
Tgt Ion:114 Resp: 129857

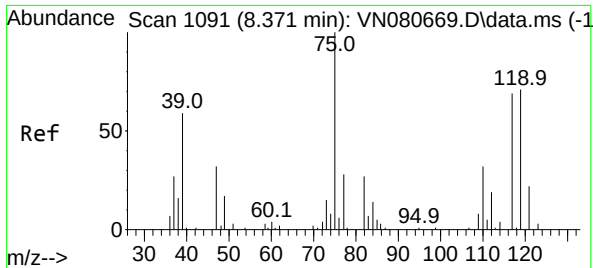
Ion Ratio Lower Upper

114 100

63 25.9 15.9 23.9#

88 17.6 12.7 19.1





#29

1,1-Dichloropropene

Concen: 149.202 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 58896

Ion Ratio Lower Upper

75 100

110 31.6 0.0 70.2

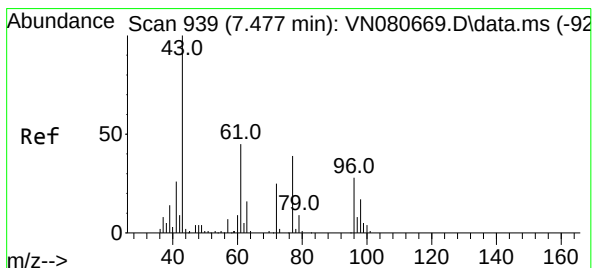
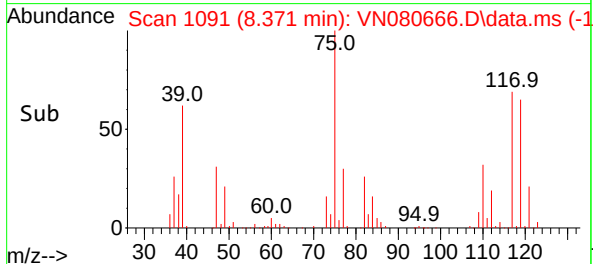
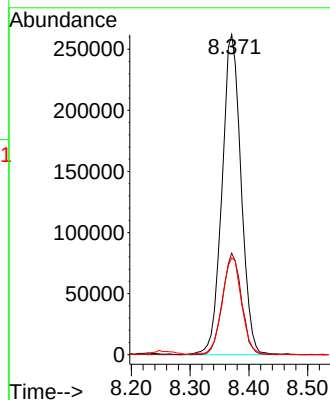
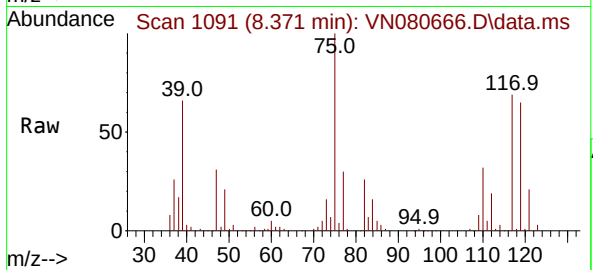
77 30.8 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#30

2-Butanone

Concen: 680.238 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

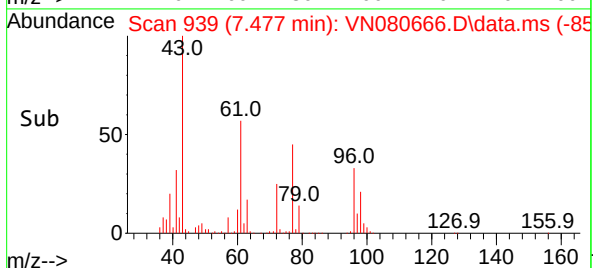
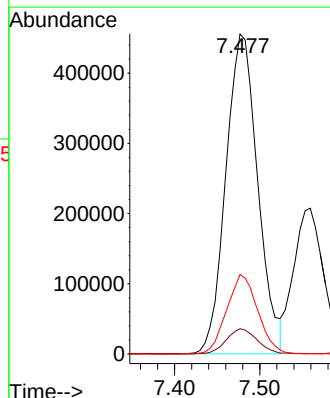
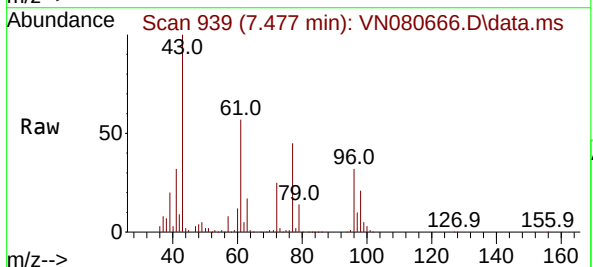
Tgt Ion: 43 Resp: 1188197

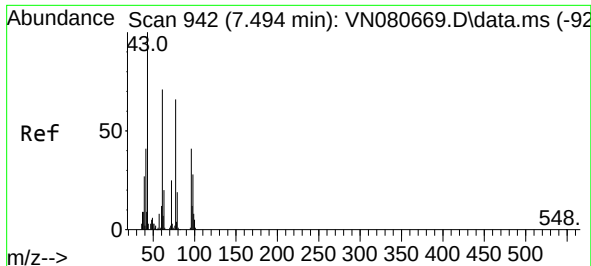
Ion Ratio Lower Upper

43 100

57 7.6 6.7 10.1

72 24.2 24.0 36.0





#31

2,2-Dichloropropane

Concen: 150.283 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.005 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 71265

Ion Ratio Lower Upper

77 100

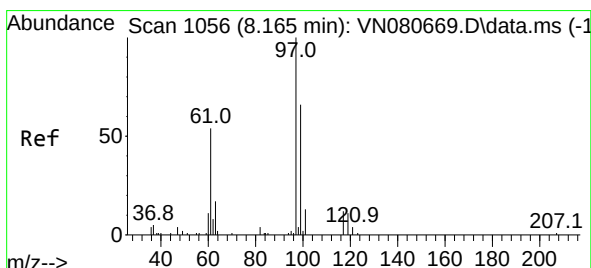
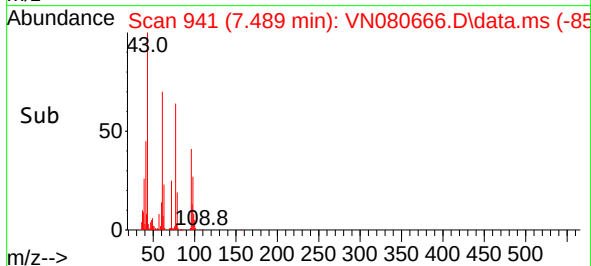
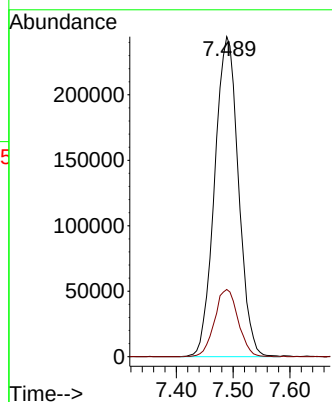
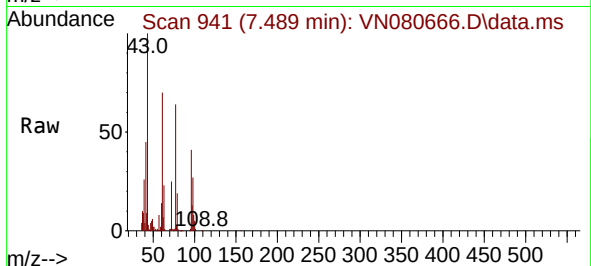
97 20.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#32

1,1,1-Trichloroethane

Concen: 151.279 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

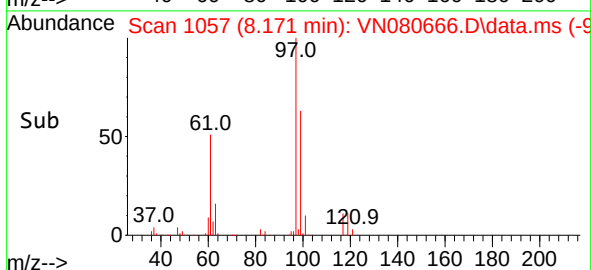
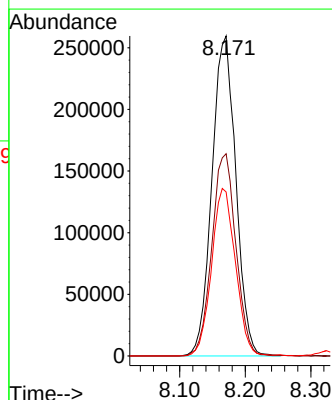
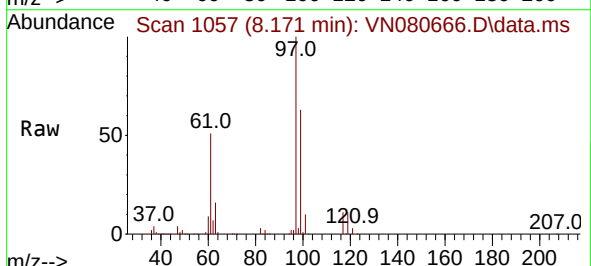
Tgt Ion: 97 Resp: 657084

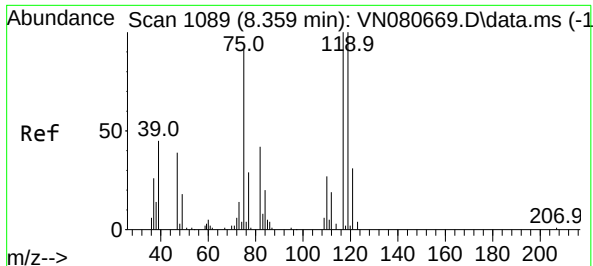
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

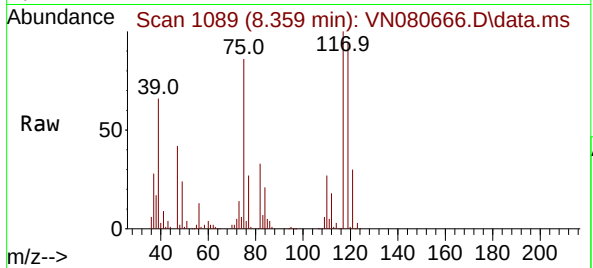
61 52.2 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 152.001 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

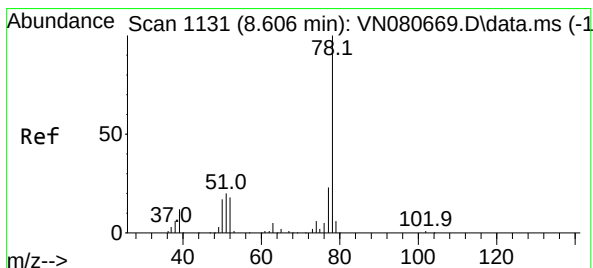
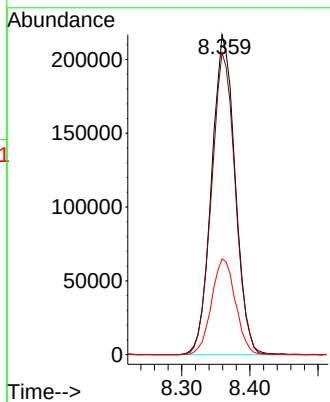
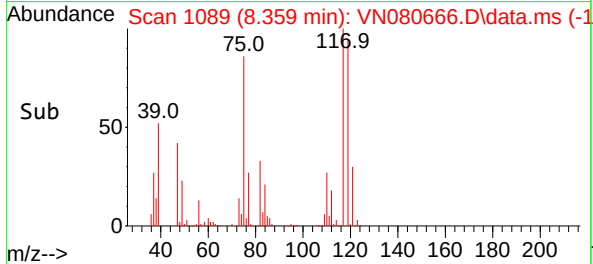
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 521424
Ion Ratio Lower Upper
117 100
119 94.4 77.7 116.5
121 29.9 27.0 40.6

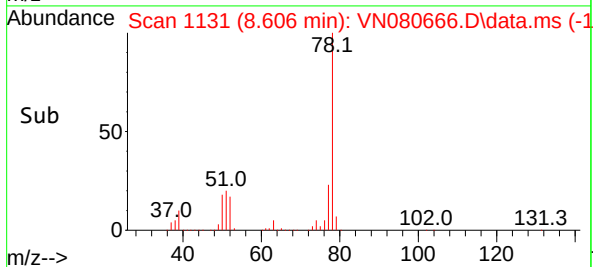
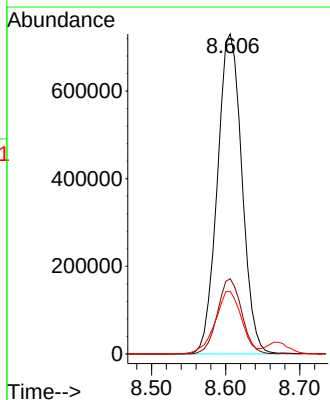
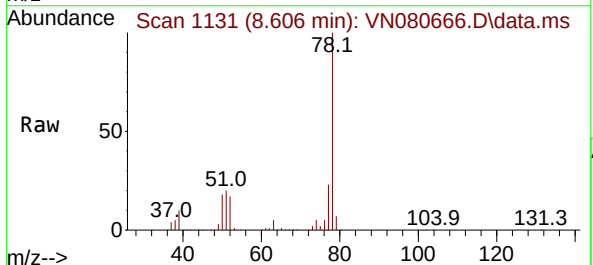
Manual Integrations
APPROVED

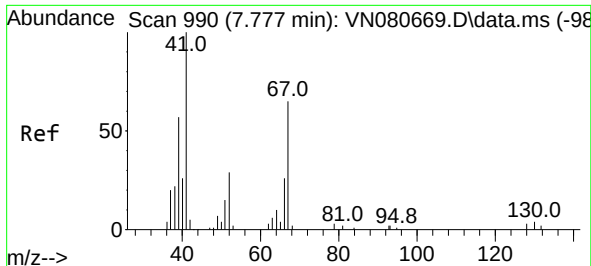
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#34
Benzene
Concen: 143.790 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 78 Resp: 1683560
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8
51 19.5 13.3 19.9





#35
Methacrylonitrile
Concen: 143.998 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

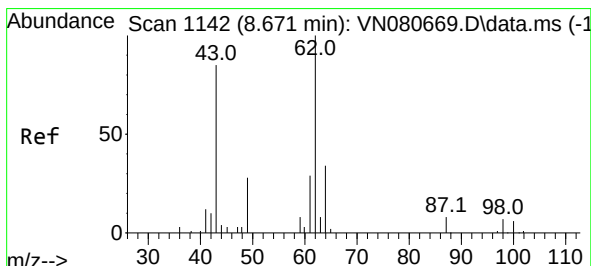
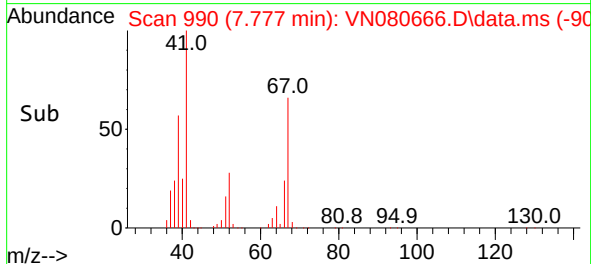
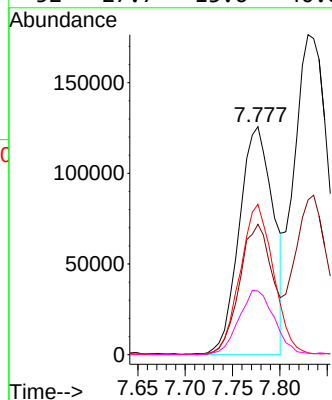
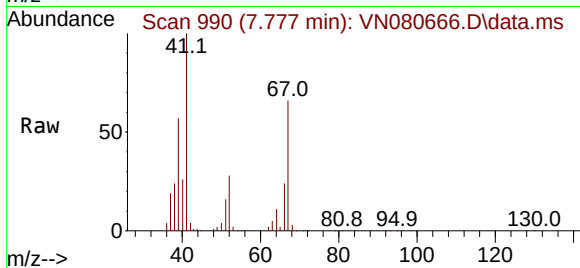
VSTDICC150

Tgt Ion: 41 Resp: 31562
Ion Ratio Lower Upper
41 100
39 57.0 25.3 75.9
67 65.9 38.7 116.1
52 27.7 13.6 40.8

Manual Integrations

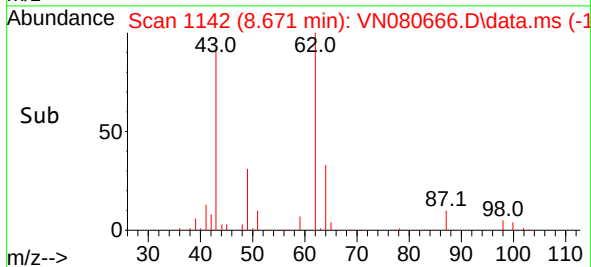
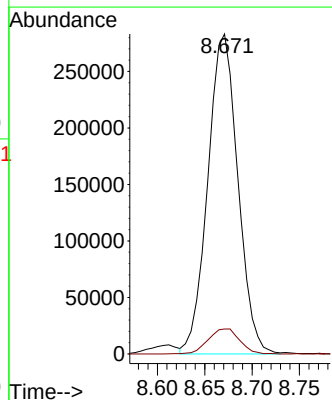
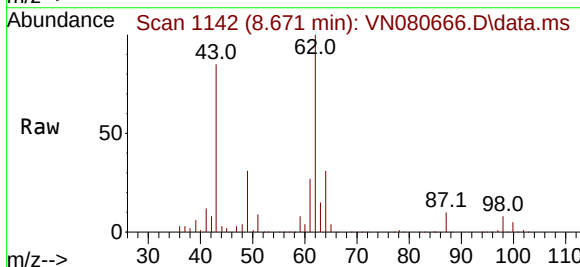
APPROVED

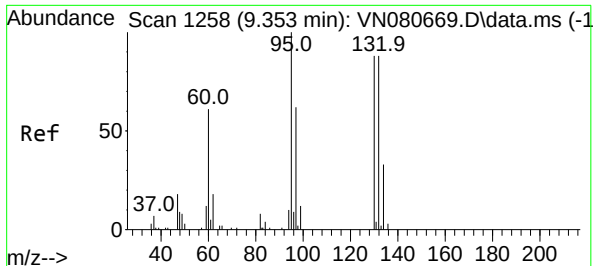
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#36
1,2-Dichloroethane
Concen: 145.353 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

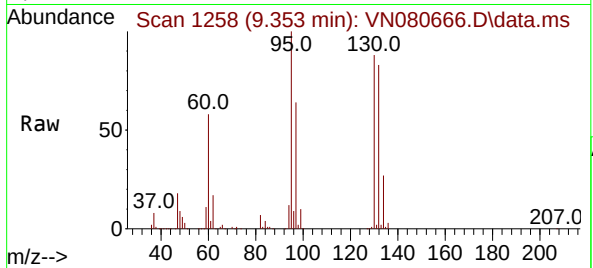
Tgt Ion: 62 Resp: 625775
Ion Ratio Lower Upper
62 100
98 8.2 8.2 12.4#





#37
Trichloroethene
Concen: 144.626 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

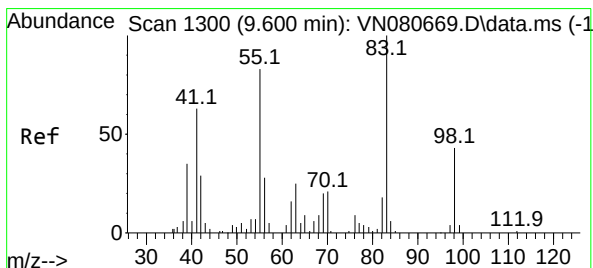
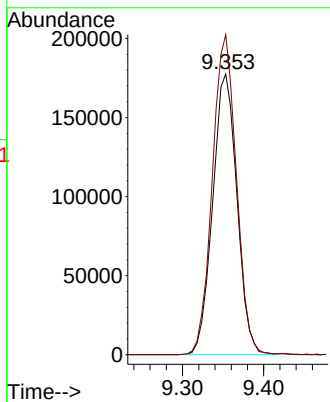
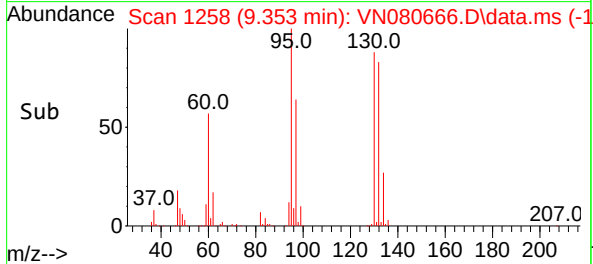
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



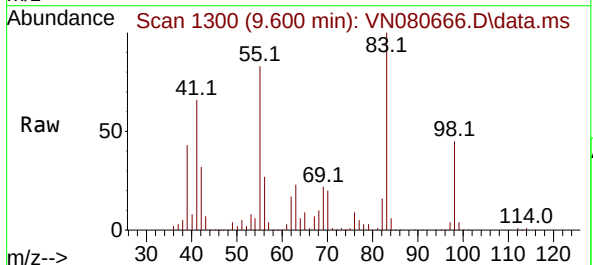
Tgt Ion:130 Resp: 36930
Ion Ratio Lower Upper
130 100
95 113.9 80.2 120.4

Manual Integrations
APPROVED

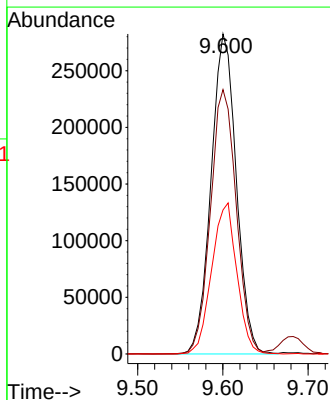
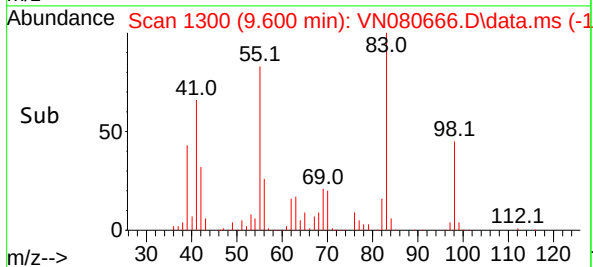
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

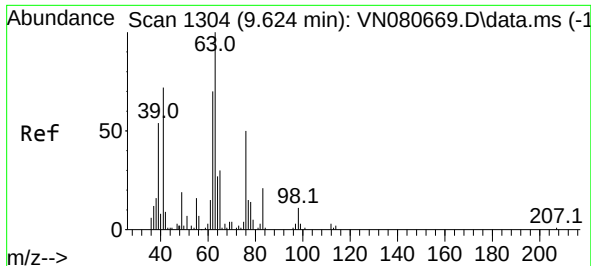


#38
Methylcyclohexane
Concen: 151.355 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



Tgt Ion: 83 Resp: 582051
Ion Ratio Lower Upper
83 100
55 84.5 36.6 109.9
98 46.9 23.8 71.5





#39
1,2-Dichloropropane
Concen: 143.242 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

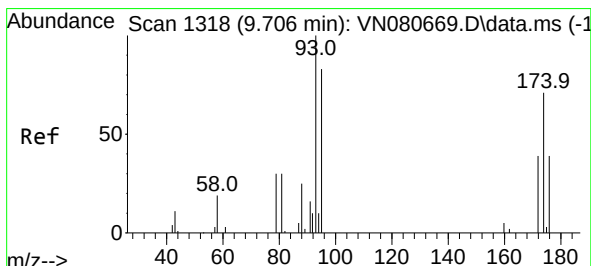
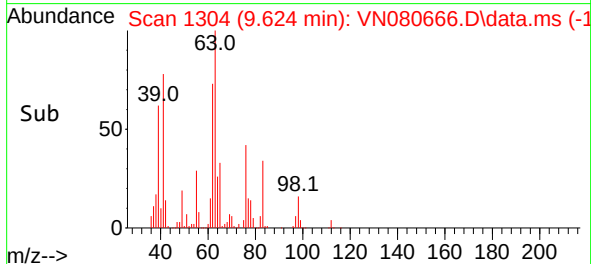
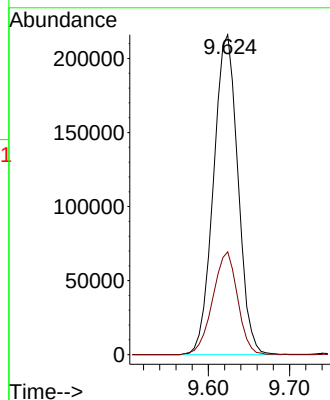
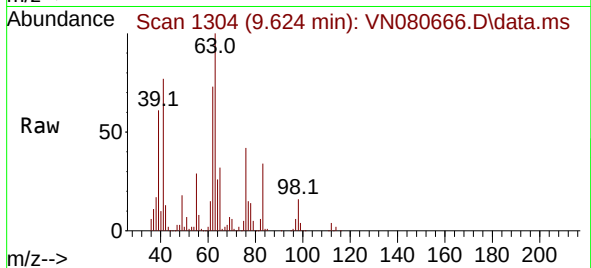
VSTDICC150

Tgt Ion: 63 Resp: 45204
Ion Ratio Lower Upper
63 100
65 32.2 25.0 37.4

Manual Integrations

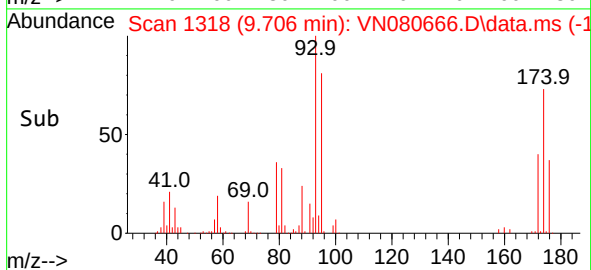
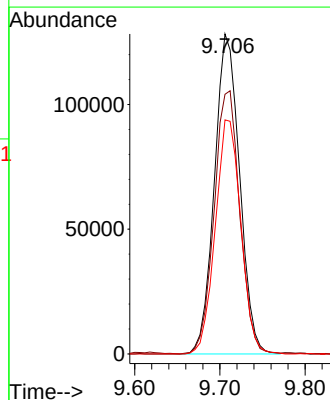
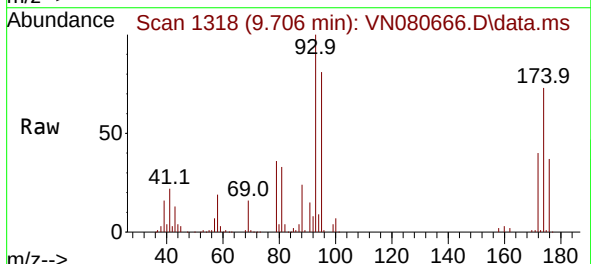
APPROVED

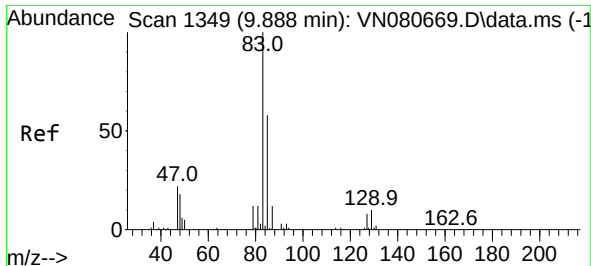
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#40
Dibromomethane
Concen: 140.436 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 93 Resp: 263698
Ion Ratio Lower Upper
93 100
95 83.9 0.0 164.6
174 74.3 0.0 193.2





#41
Bromodichloromethane
Concen: 147.209 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

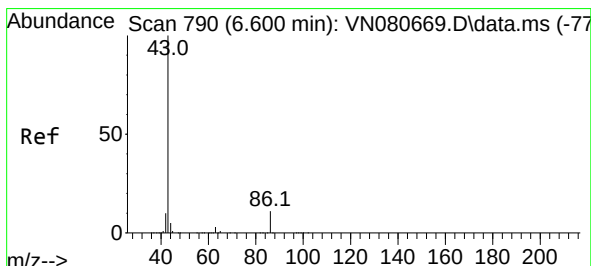
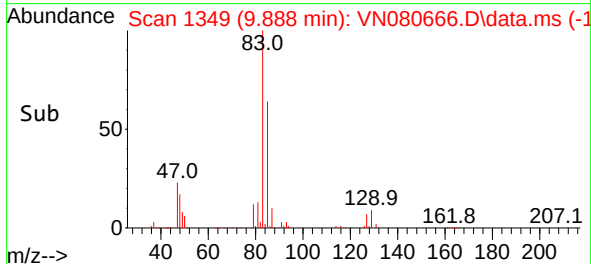
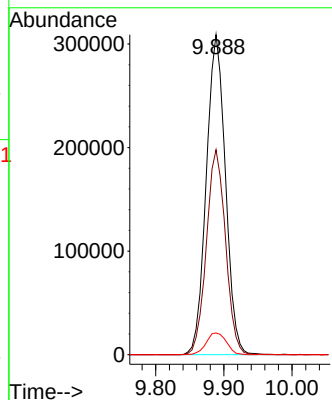
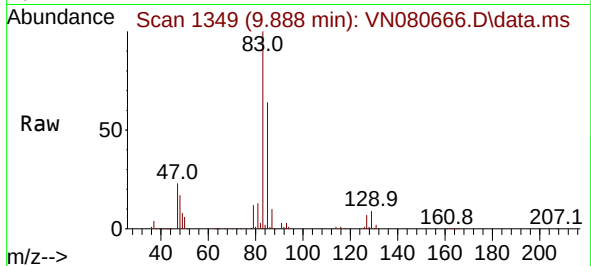
Tgt Ion: 83 Resp: 604890
Ion Ratio Lower Upper
83 100
85 64.1 49.4 74.2
127 6.8 7.3 10.9

Manual Integrations

APPROVED

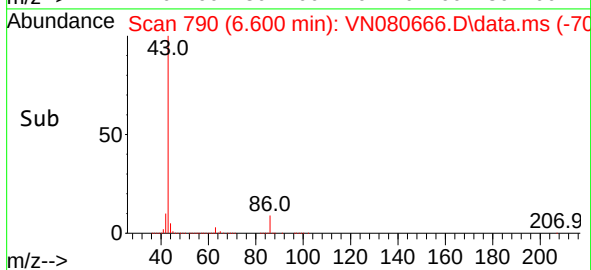
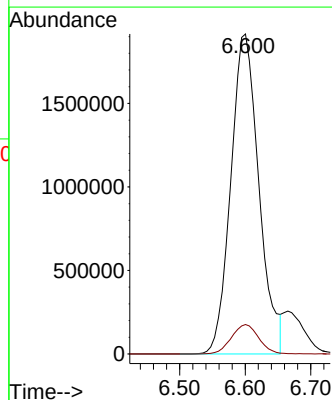
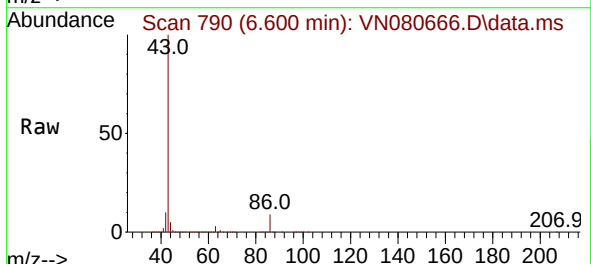
Reviewed By :John Carlone 01/12/2024

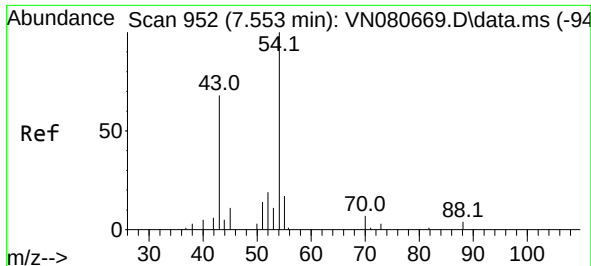
Supervised By :Semsettin Yesilyurt 01/12/2024



#42
Vinyl Acetate
Concen: 704.441 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 43 Resp: 5718981
Ion Ratio Lower Upper
43 100
86 9.0 9.4 14.2#





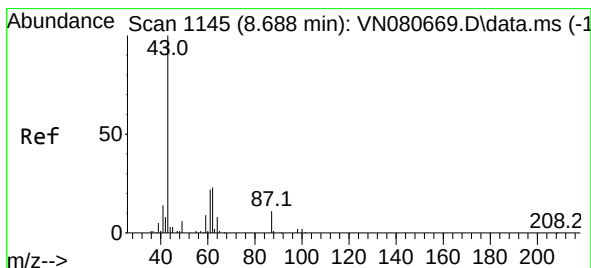
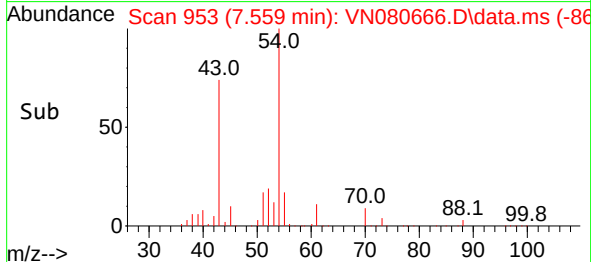
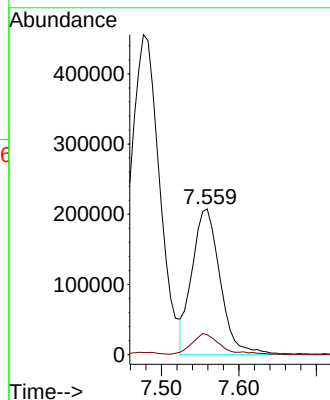
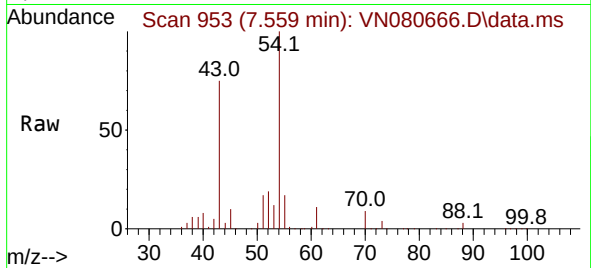
#43
Ethyl Acetate
Concen: 142.179 ug/l
RT: 7.559 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 521499
Ion Ratio Lower Upper
43 100
45 12.9 10.6 15.8

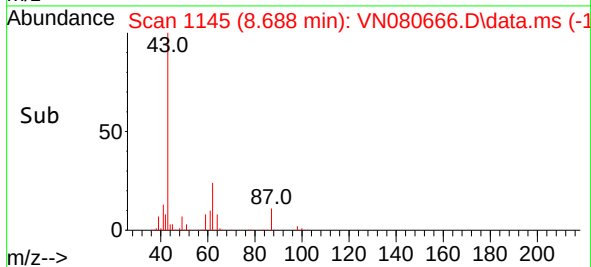
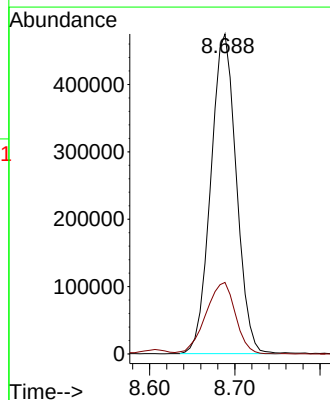
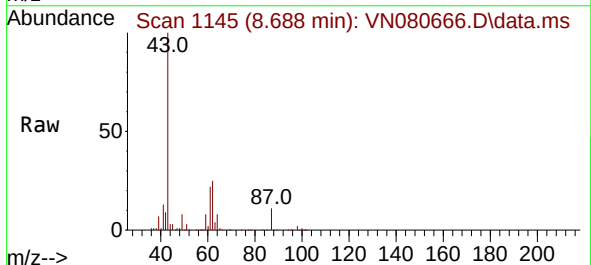
Manual Integrations
APPROVED

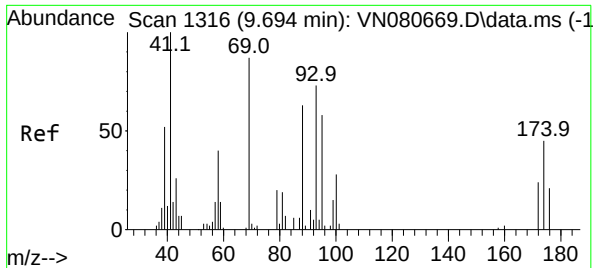
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#44
Isopropyl Acetate
Concen: 141.047 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

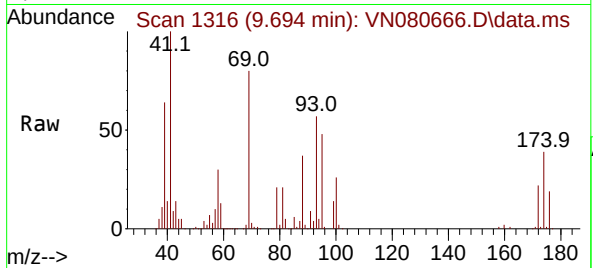
Tgt Ion: 43 Resp: 987564
Ion Ratio Lower Upper
43 100
61 26.0 25.0 37.4





#45
1,4-Dioxane
Concen: 2512.851 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

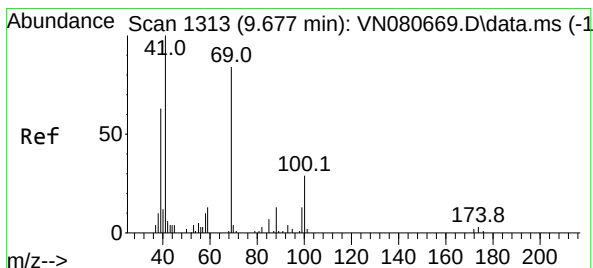
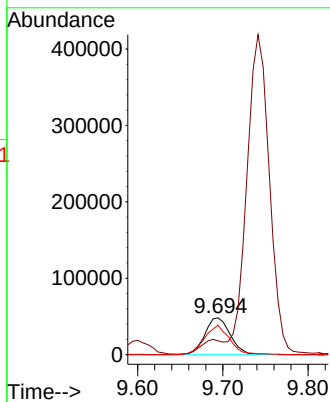
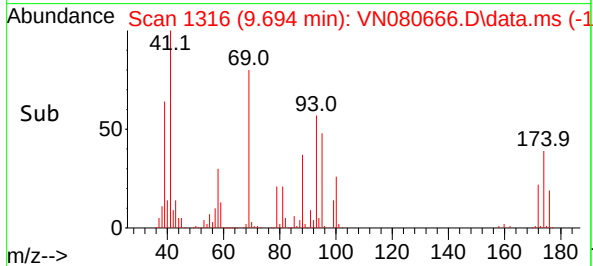
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



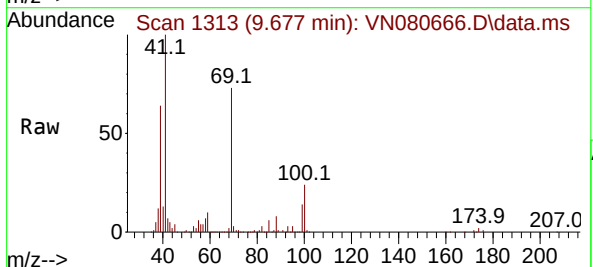
Tgt Ion: 88 Resp: 100064
Ion Ratio Lower Upper
88 100
43 33.6 19.8 29.6
58 79.5 55.4 83.0

Manual Integrations
APPROVED

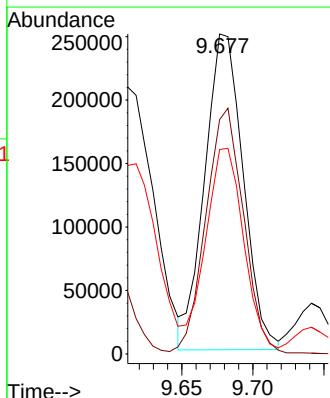
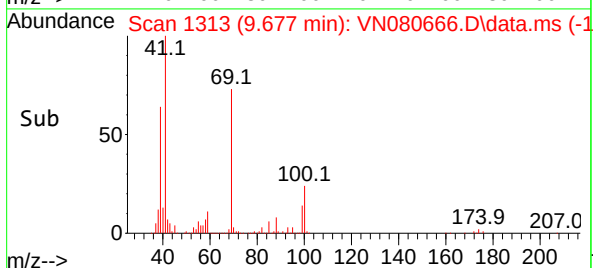
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

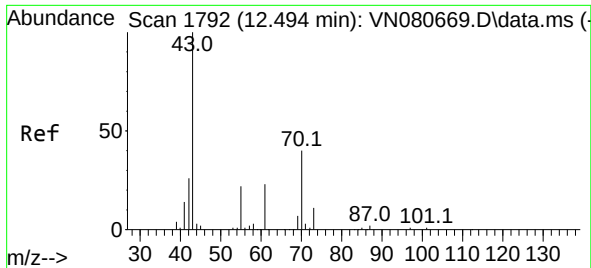


#46
Methyl methacrylate
Concen: 142.170 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



Tgt Ion: 41 Resp: 468732
Ion Ratio Lower Upper
41 100
69 75.0 51.1 153.3
39 64.6 25.8 77.3





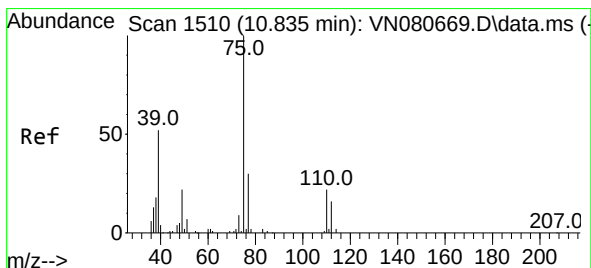
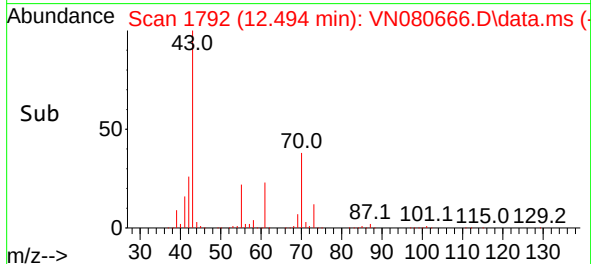
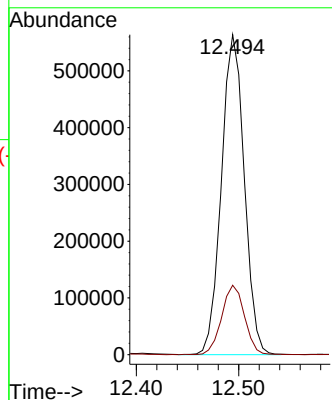
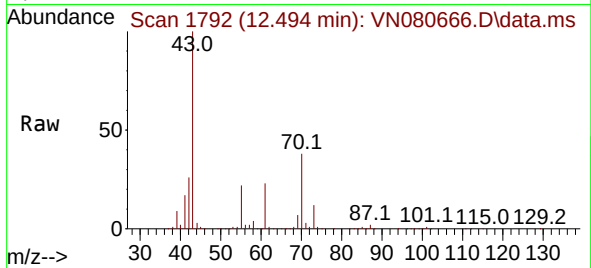
#47
n-amyl acetate
Concen: 139.356 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 874838
Ion Ratio Lower Upper
43 100
55 0.0 23.4 35.2

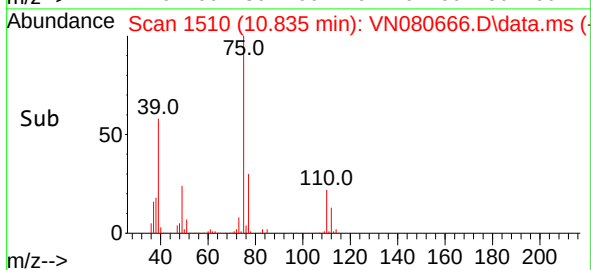
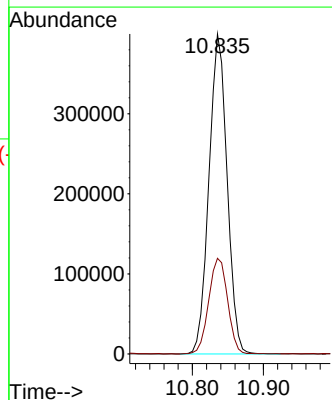
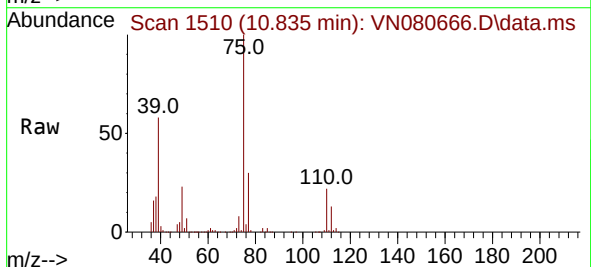
Manual Integrations
APPROVED

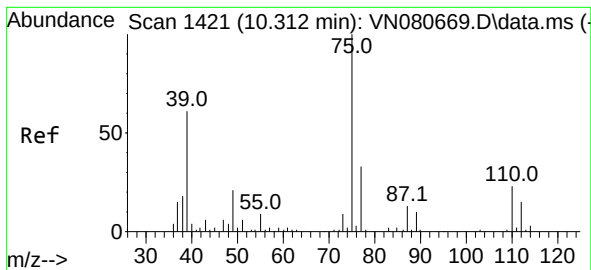
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#48
t-1,3-Dichloropropene
Concen: 146.569 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

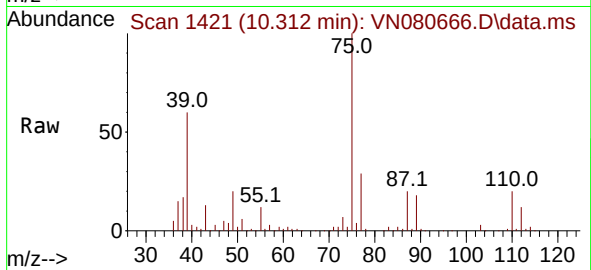
Tgt Ion: 75 Resp: 709631
Ion Ratio Lower Upper
75 100
77 29.9 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 146.663 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

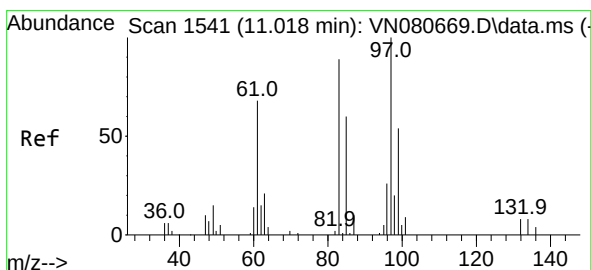
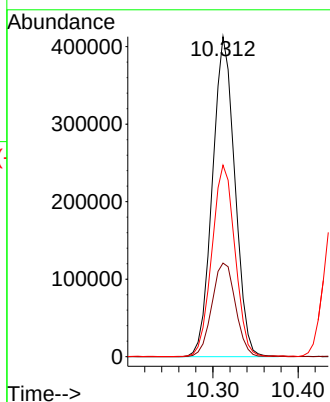
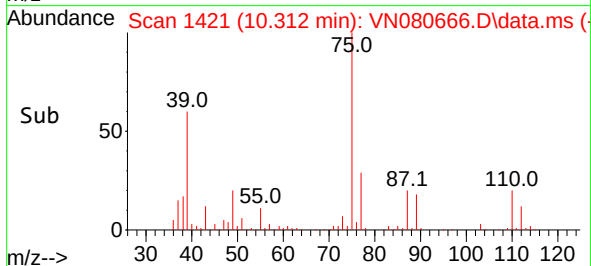
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 75368
Ion Ratio Lower Upper
75 100
77 29.2 24.9 37.3
39 59.8 31.0 46.6

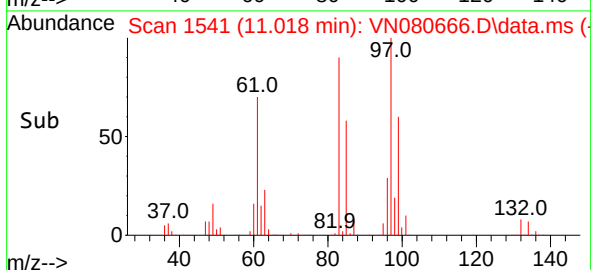
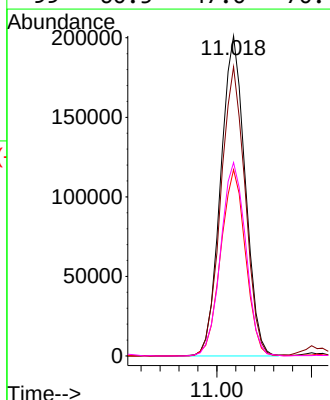
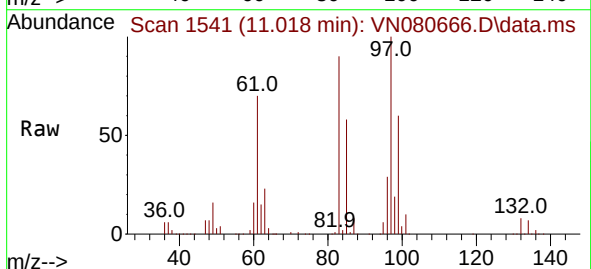
Manual Integrations
APPROVED

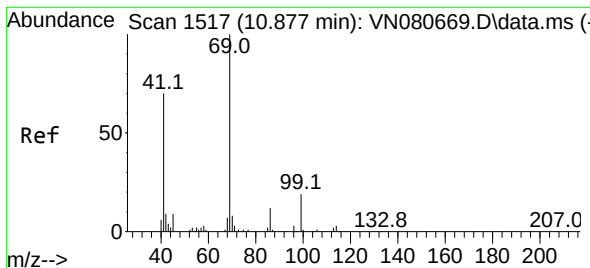
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#50
1,1,2-Trichloroethane
Concen: 140.089 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

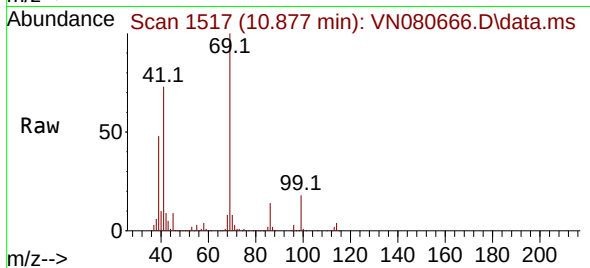
Tgt Ion: 97 Resp: 361250
Ion Ratio Lower Upper
97 100
83 90.2 68.1 102.1
85 58.2 41.8 62.6
99 60.5 47.0 70.4





#51
Ethyl methacrylate
Concen: 142.385 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

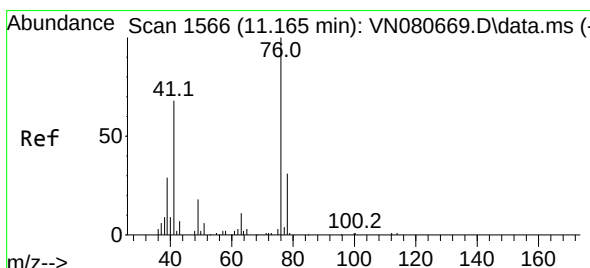
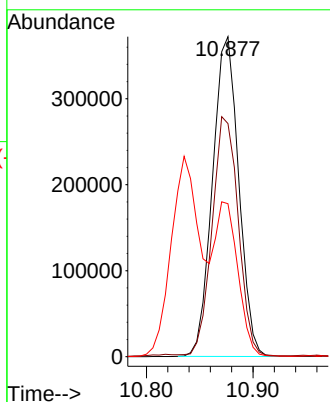
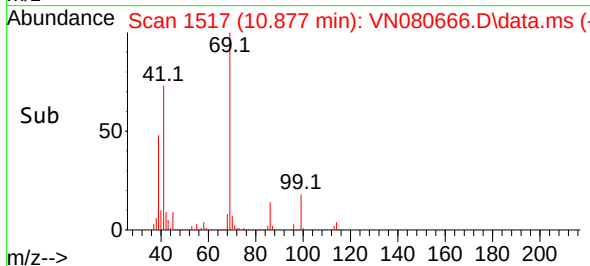
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 69 Resp: 634714
Ion Ratio Lower Upper
69 100
41 72.7 25.5 76.5
39 47.6 16.0 47.9

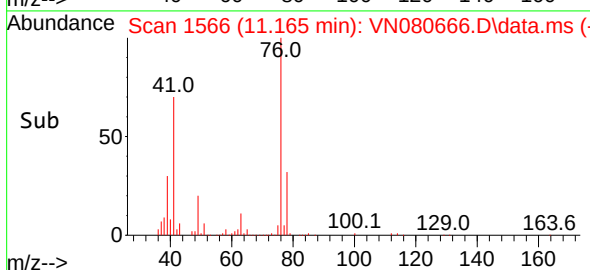
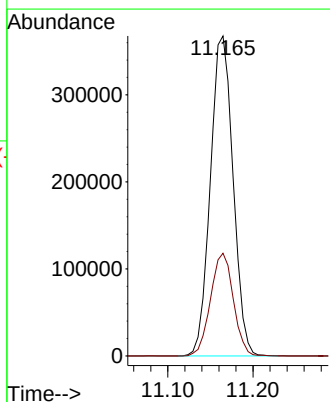
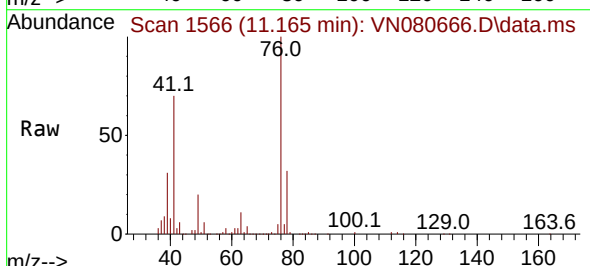
Manual Integrations
APPROVED

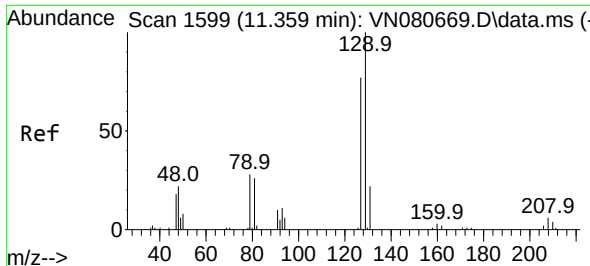
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#52
1,3-Dichloropropane
Concen: 140.444 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

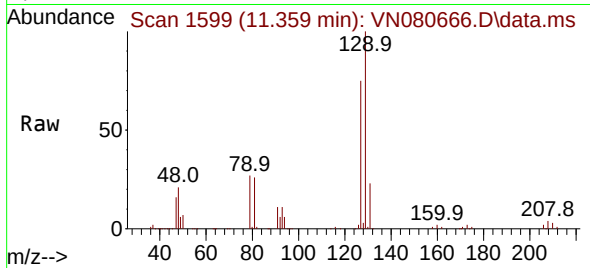
Tgt Ion: 76 Resp: 681800
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.8





#53
Dibromochloromethane
Concen: 146.885 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

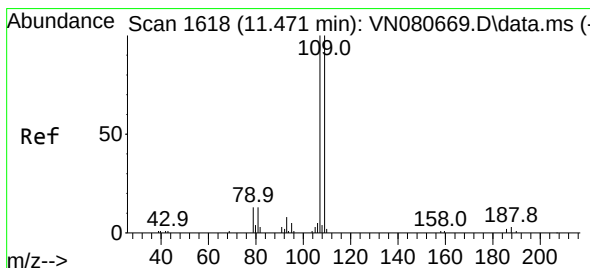
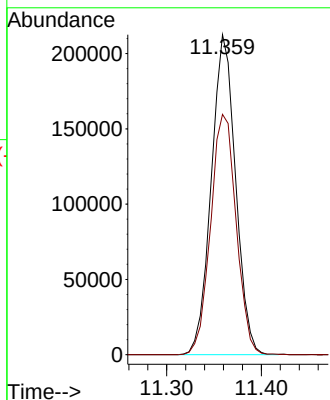
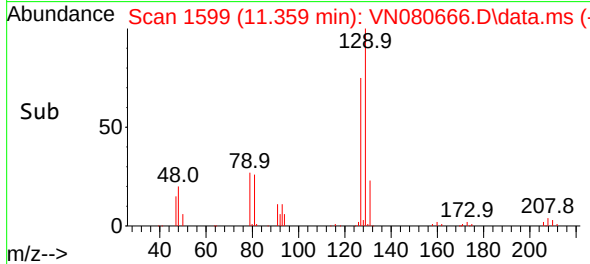
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



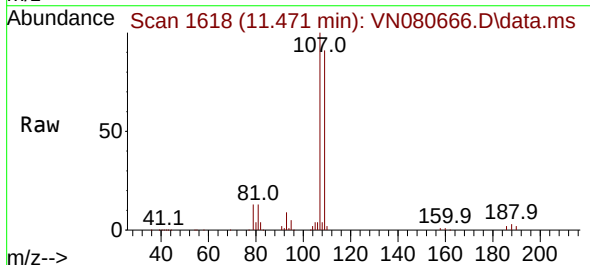
Tgt Ion:129 Resp: 37903
Ion Ratio Lower Upper
129 100
127 78.9 39.4 118.1

Manual Integrations
APPROVED

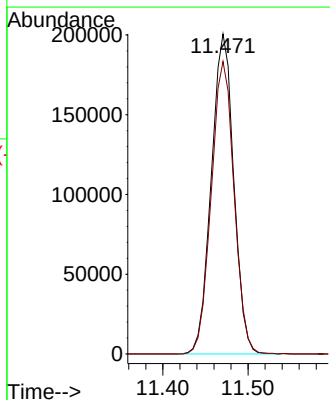
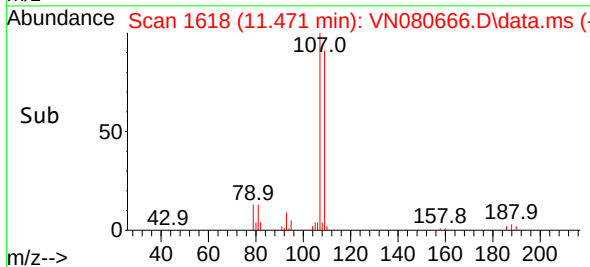
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

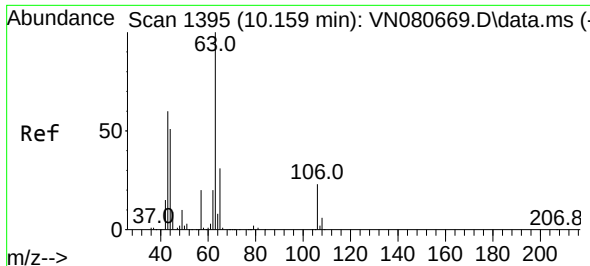


#54
1,2-Dibromoethane
Concen: 144.698 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



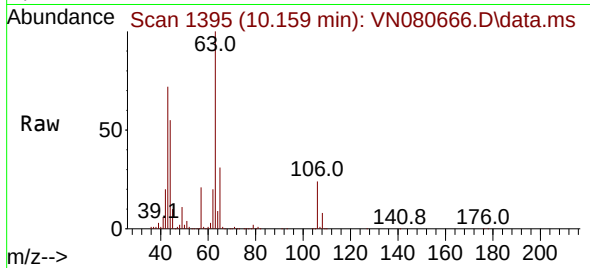
Tgt Ion:107 Resp: 366786
Ion Ratio Lower Upper
107 100
109 92.9 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 673.659 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

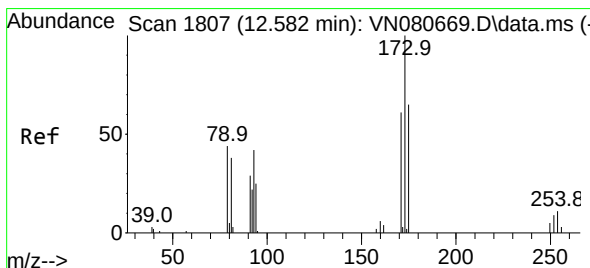
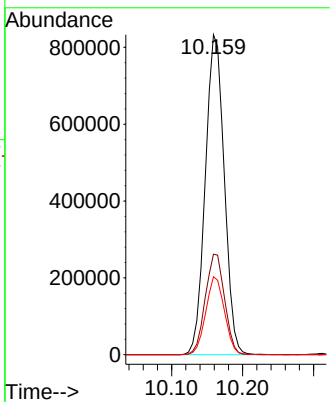
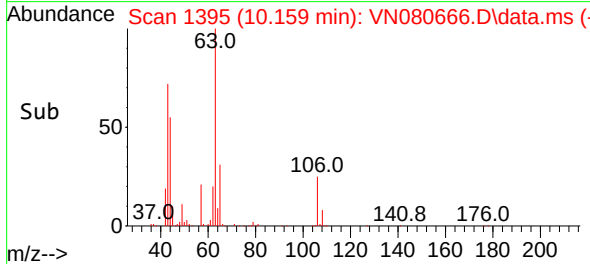
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 1543510
Ion Ratio Lower Upper
63 100
65 32.0 26.2 39.2
106 24.0 23.8 35.8

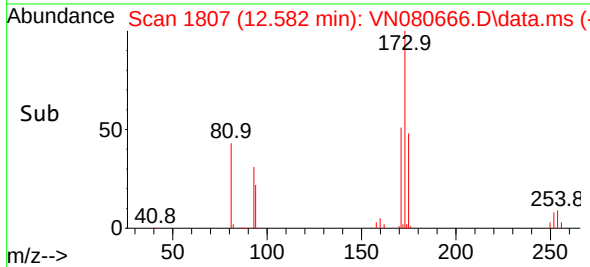
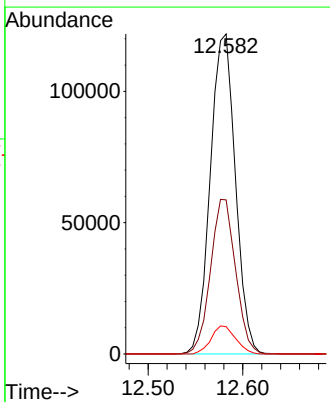
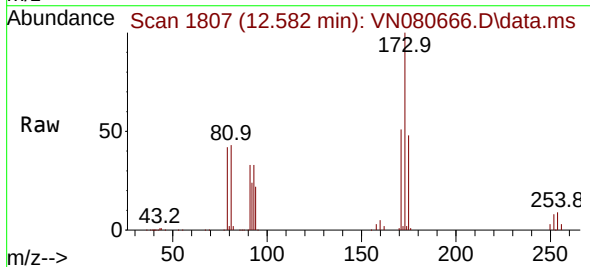
Manual Integrations
APPROVED

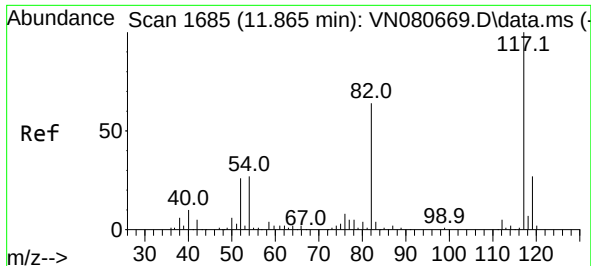
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#56
Bromoform
Concen: 147.319 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

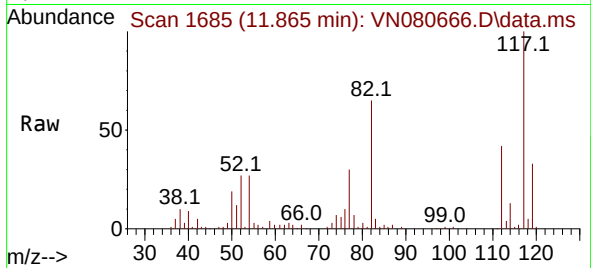
Tgt Ion:173 Resp: 224564
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 8.6 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

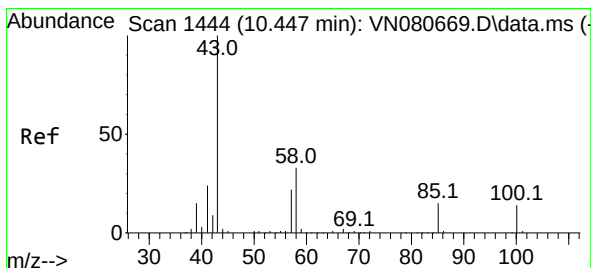
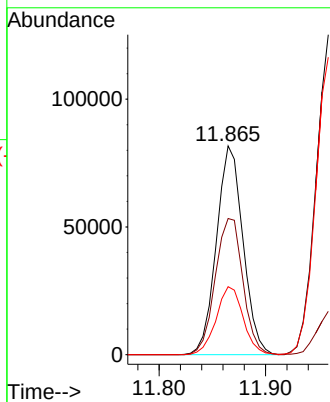
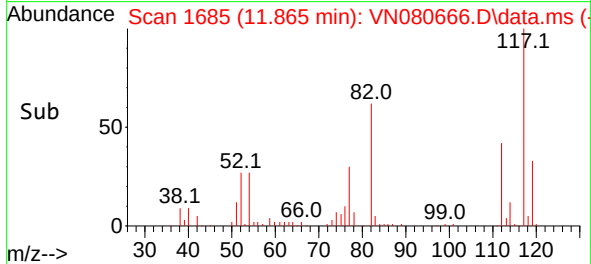
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



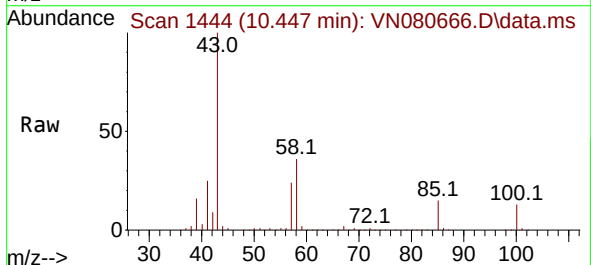
Tgt Ion:117 Resp: 141690
Ion Ratio Lower Upper
117 100
82 68.0 46.6 69.8
119 33.1 25.4 38.2

Manual Integrations
APPROVED

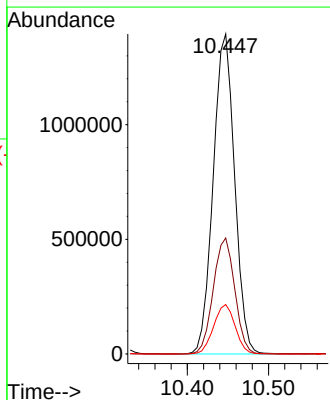
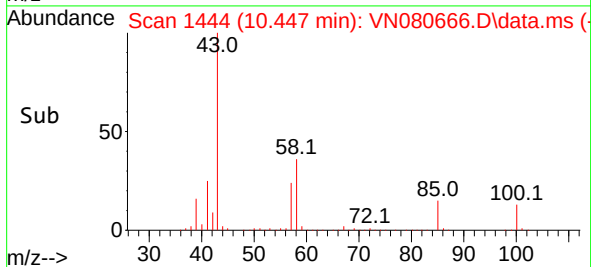
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

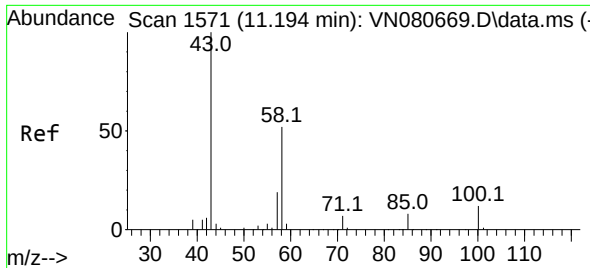


#58
4-Methyl-2-Pentanone
Concen: 686.450 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



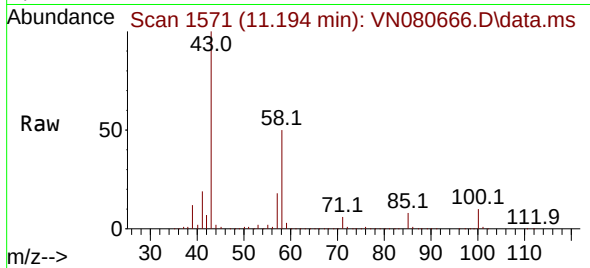
Tgt Ion: 43 Resp: 2558705
Ion Ratio Lower Upper
43 100
58 36.4 36.5 54.7#
85 15.5 19.5 29.3#





#59
2-Hexanone
Concen: 689.889 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

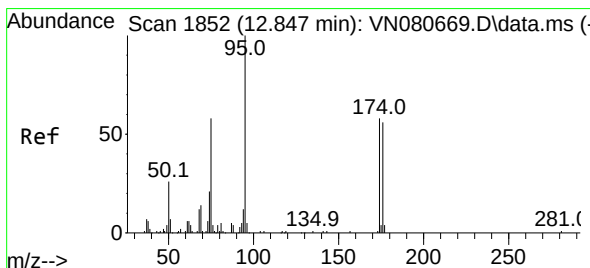
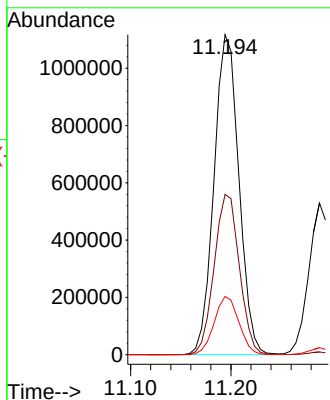
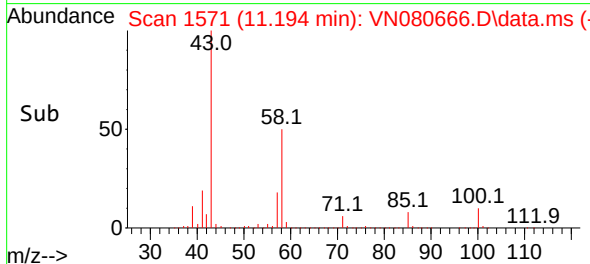
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1919979
Ion Ratio Lower Upper
43 100
58 50.7 50.4 75.6
57 18.1 18.6 27.8

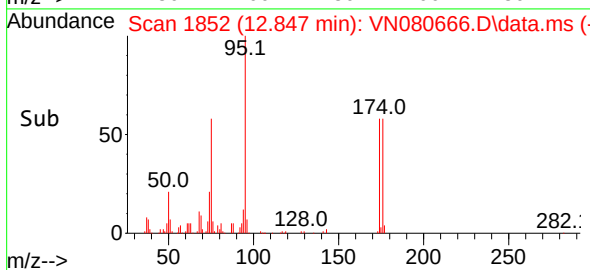
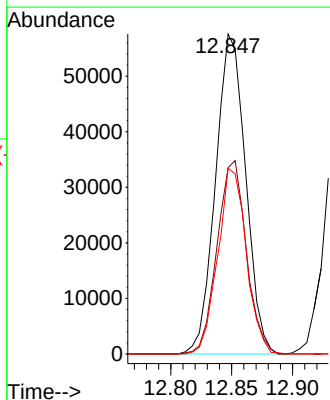
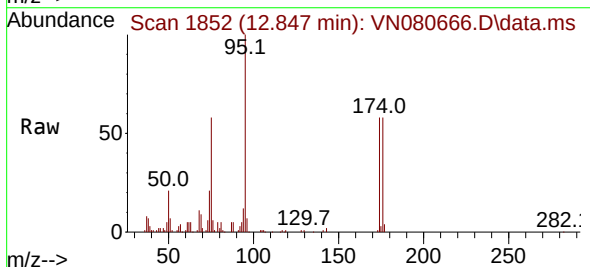
Manual Integrations
APPROVED

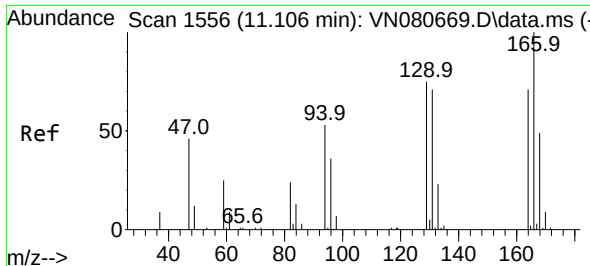
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#60
4-Bromofluorobenzene
Concen: 31.551 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

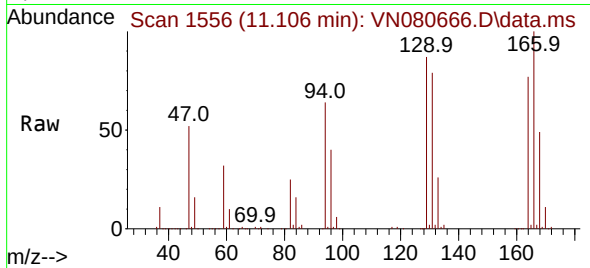
Tgt Ion: 95 Resp: 98896
Ion Ratio Lower Upper
95 100
174 58.8 60.5 90.7#
176 54.9 57.8 86.6#





#61
Tetrachloroethene
Concen: 146.109 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

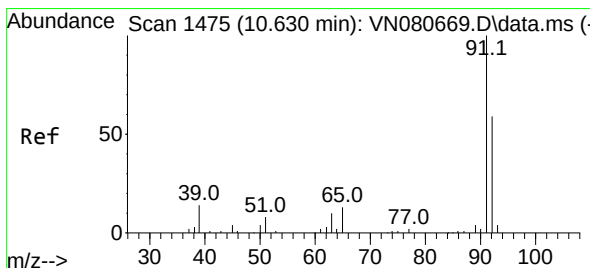
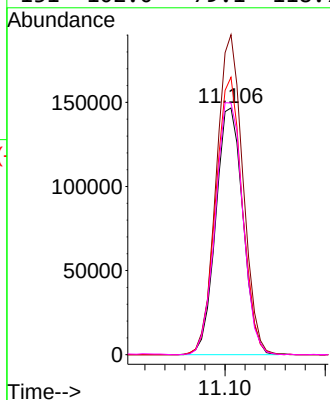
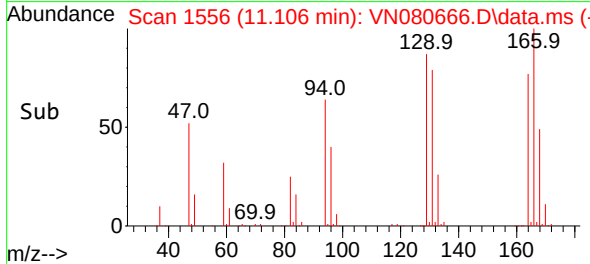
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



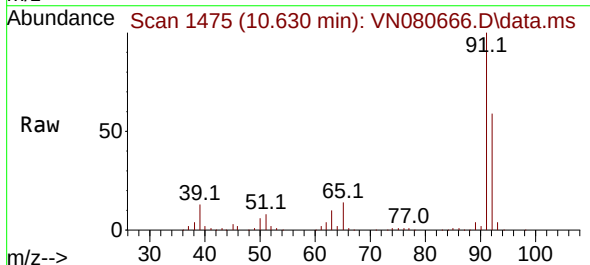
Tgt Ion:164 Resp: 275590
Ion Ratio Lower Upper
164 100
166 129.7 106.7 160.1
129 112.4 85.8 128.6
131 102.0 79.1 118.7

Manual Integrations
APPROVED

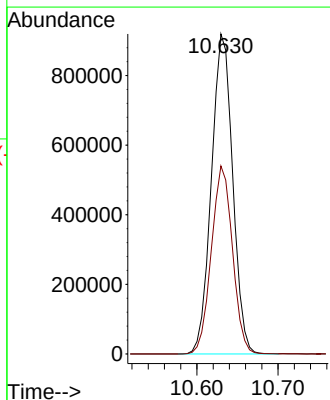
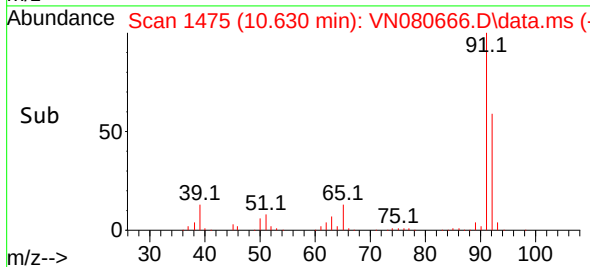
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

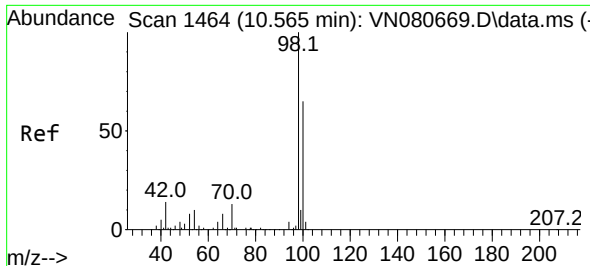


#62
Toluene
Concen: 147.071 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



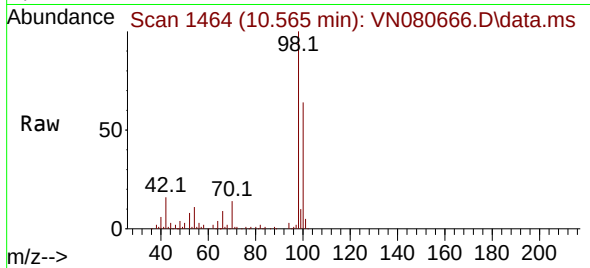
Tgt Ion: 91 Resp: 1676138
Ion Ratio Lower Upper
91 100
92 58.3 46.5 69.7





#63
Toluene-d8
Concen: 29.993 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

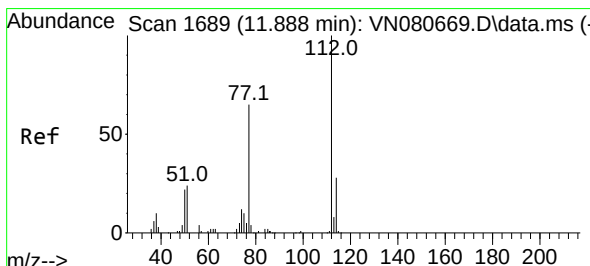
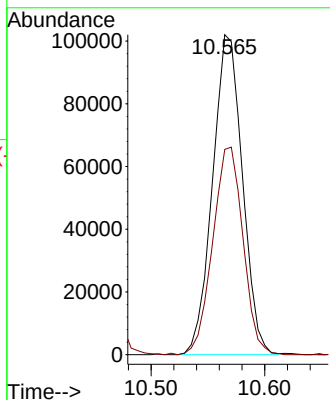
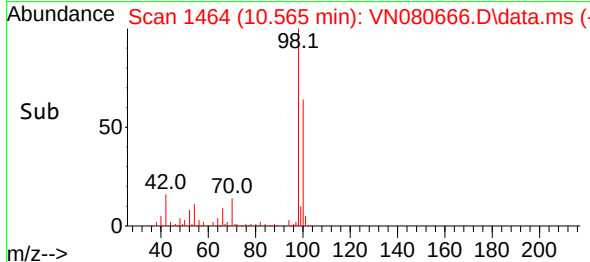
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 98 Resp: 18651
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1

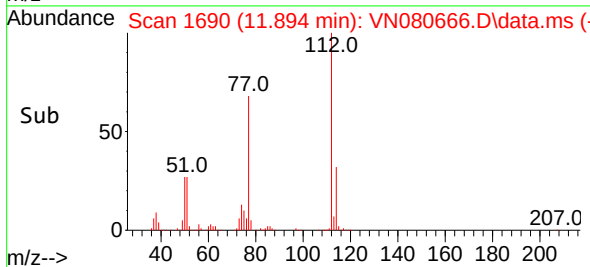
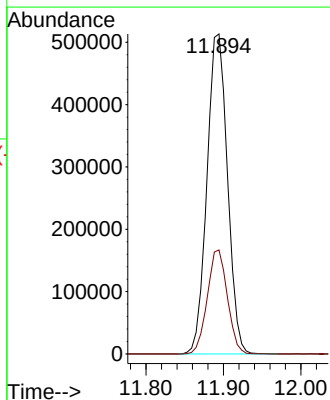
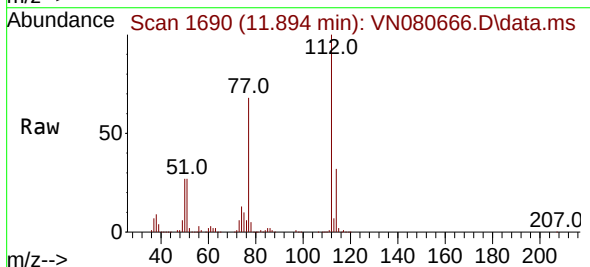
Manual Integrations
APPROVED

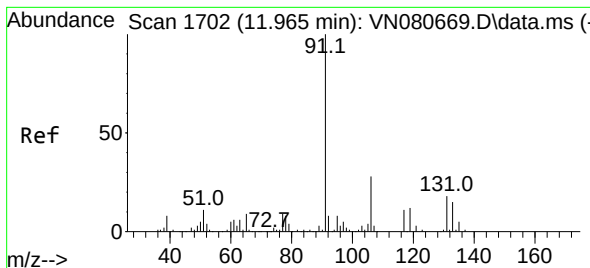
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#64
Chlorobenzene
Concen: 148.722 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion:112 Resp: 944049
Ion Ratio Lower Upper
112 100
114 32.5 26.6 39.8





#65

1,1,1,2-Tetrachloroethane

Concen: 142.860 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

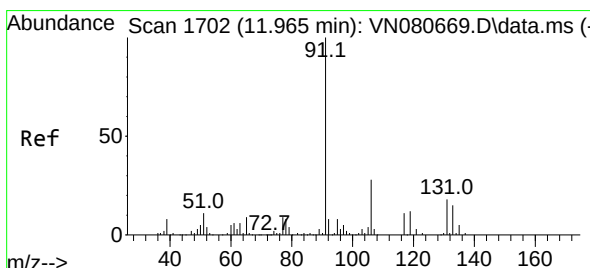
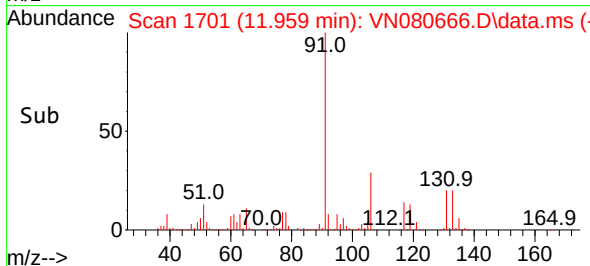
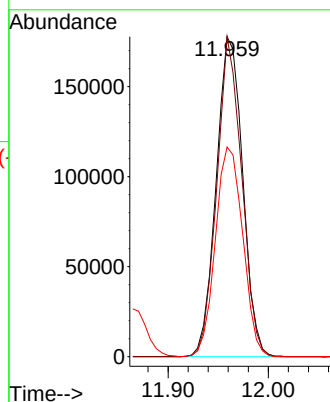
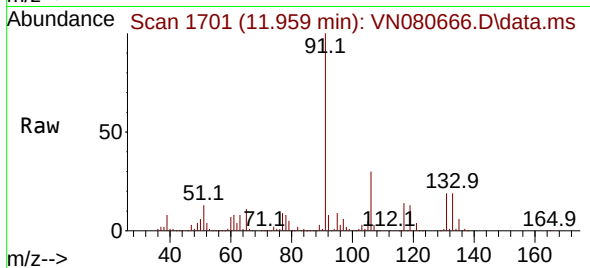
Tgt Ion:	131	Resp:	32582
Ion Ratio	Lower	Upper	
131	100		
133	94.2	0.0	188.0
119	67.9	0.0	122.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#66

Ethyl Benzene

Concen: 149.819 ug/l

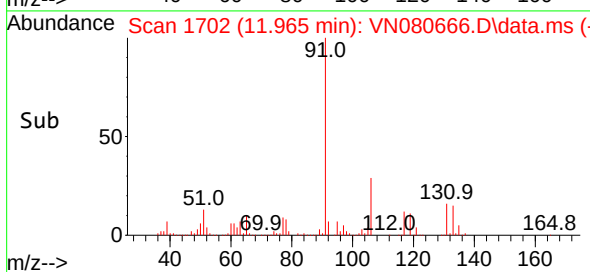
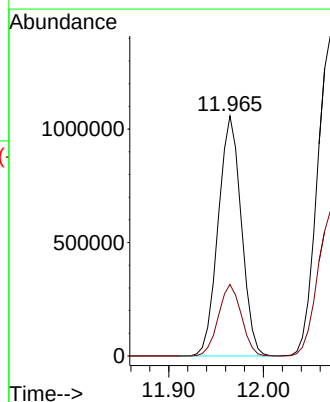
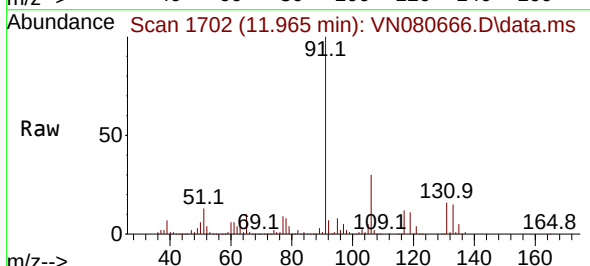
RT: 11.965 min Scan# 1702

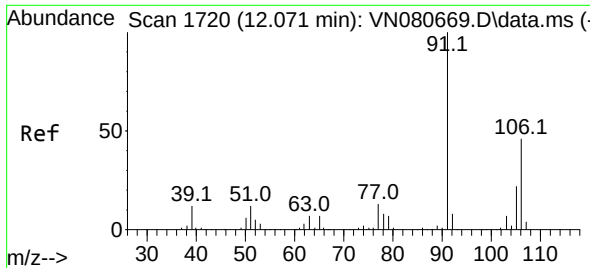
Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Tgt Ion:	91	Resp:	1795841
Ion Ratio	Lower	Upper	
91	100		
106	29.8	24.4	36.6





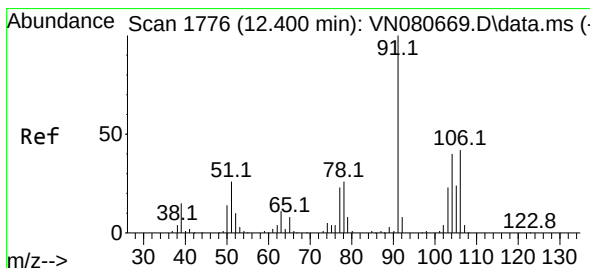
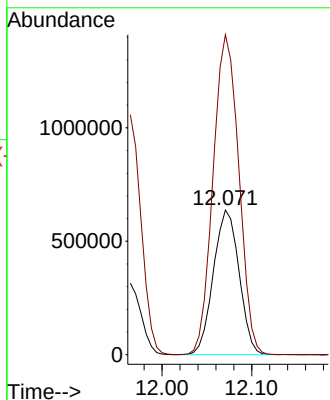
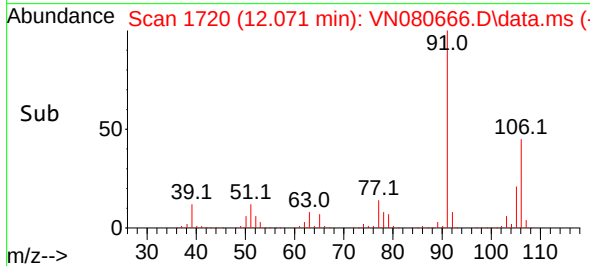
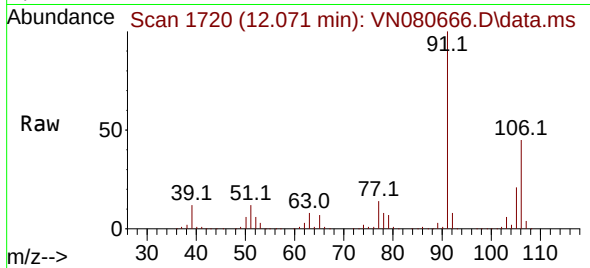
#67
m/p-Xylenes
Concen: 294.419 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 1268439
Ion Ratio Lower Upper
106 100
91 221.3 166.6 249.8

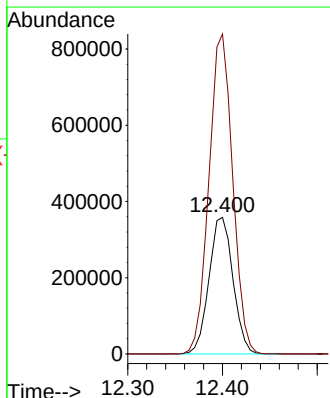
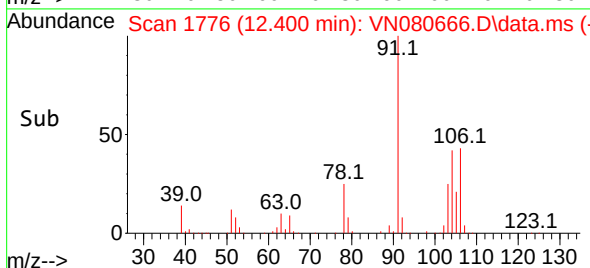
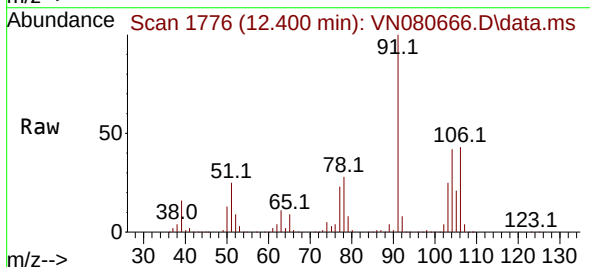
Manual Integrations
APPROVED

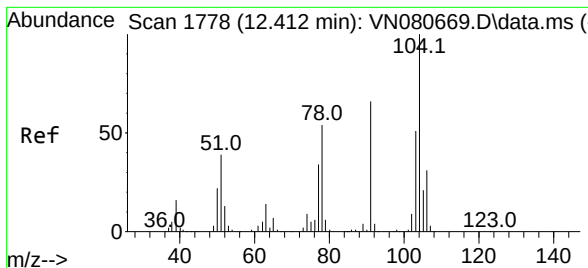
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#68
o-Xylene
Concen: 146.958 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion:106 Resp: 631430
Ion Ratio Lower Upper
106 100
91 231.4 110.0 330.0





#69

Styrene

Concen: 147.859 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:104 Resp: 1067320

Ion Ratio Lower Upper

104 100

78 58.6 42.6 64.0

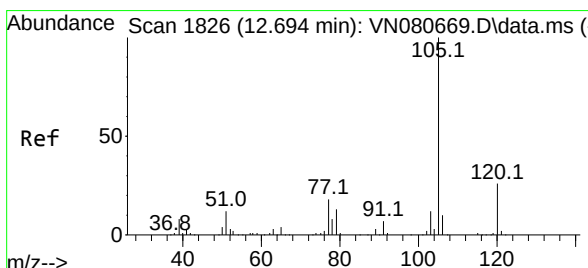
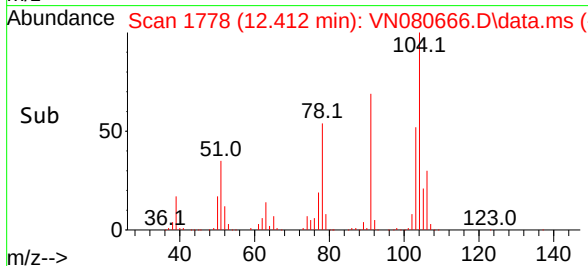
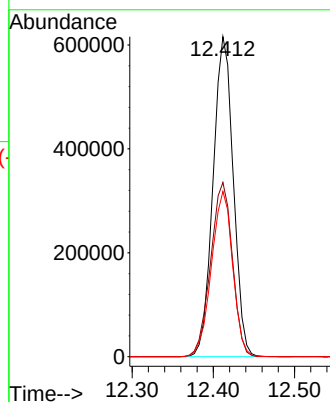
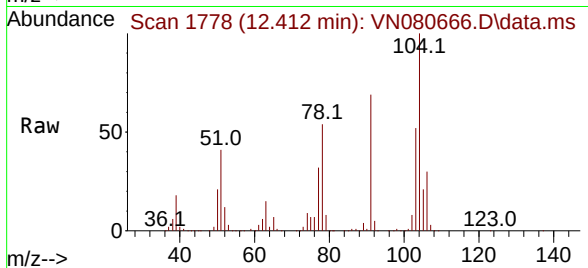
103 54.2 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#70

Isopropylbenzene

Concen: 150.825 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080666.D

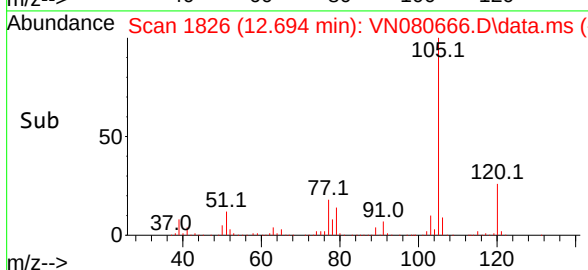
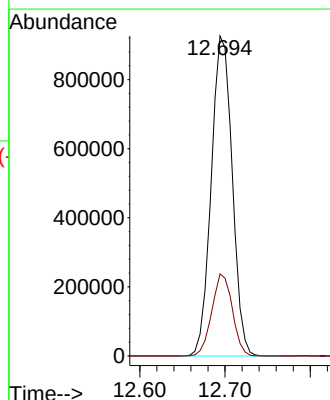
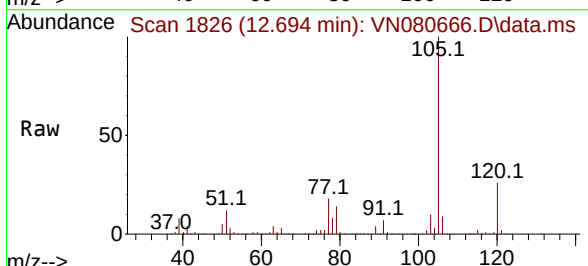
Acq: 11 Jan 2024 10:06

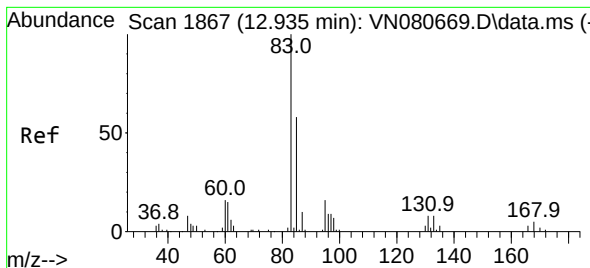
Tgt Ion:105 Resp: 1583843

Ion Ratio Lower Upper

105 100

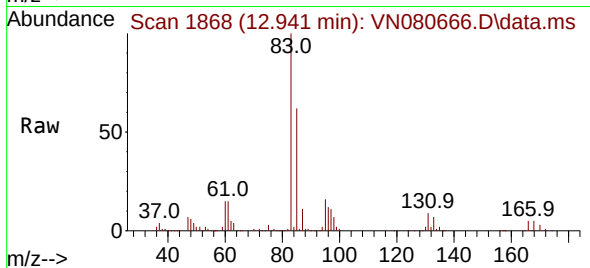
120 25.1 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 139.708 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

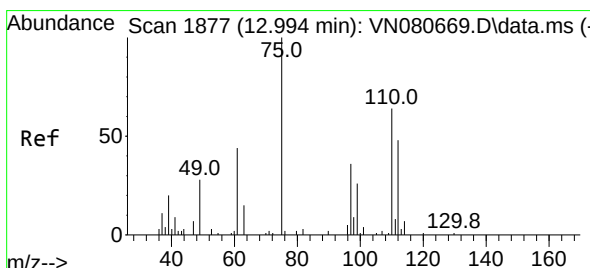
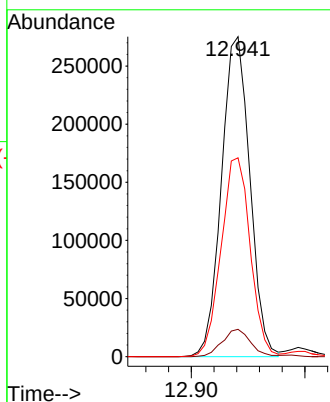
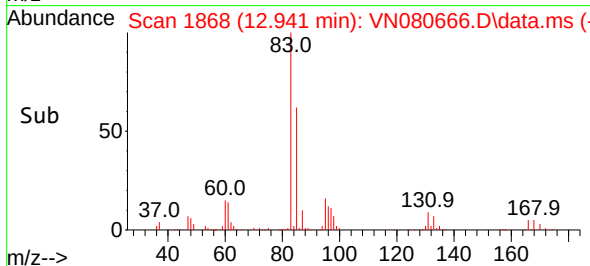
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 478869
Ion Ratio Lower Upper
83 100
131 8.5 5.2 15.6
85 63.6 32.3 96.8

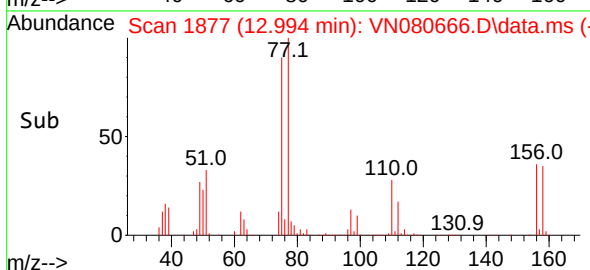
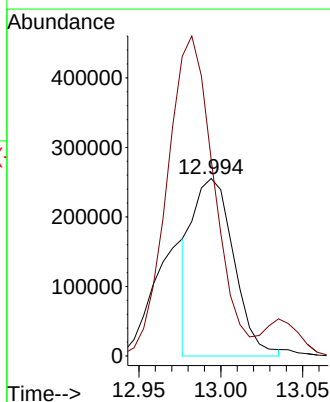
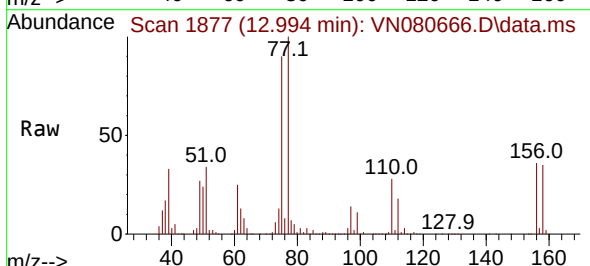
Manual Integrations
APPROVED

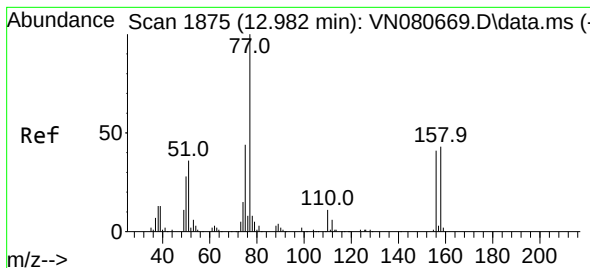
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#72
1,2,3-Trichloropropane
Concen: 133.169 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 75 Resp: 448464
Ion Ratio Lower Upper
75 100
77 204.3 0.0 367.6





#73

Bromobenzene

Concen: 146.595 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

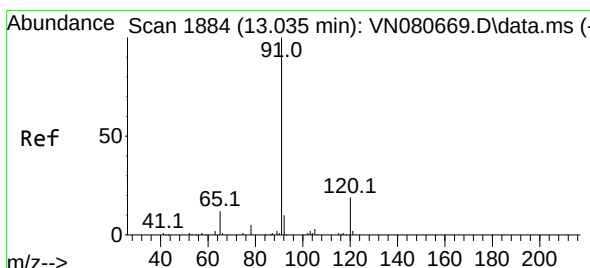
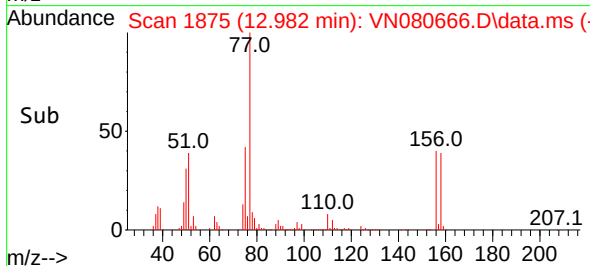
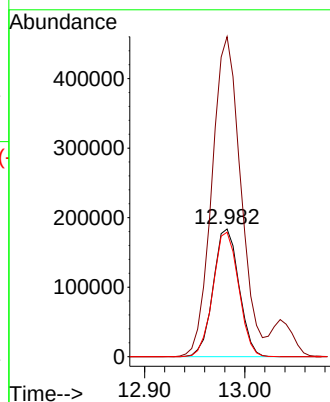
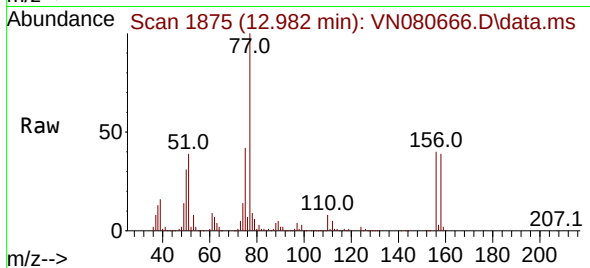
Tgt Ion:	156	Resp:	328129
Ion Ratio	Lower	Upper	
156	100		
77	279.3	0.0	437.6
158	96.7	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#74

n-propylbenzene

Concen: 156.860 ug/l

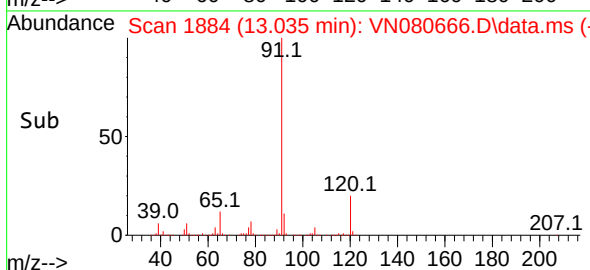
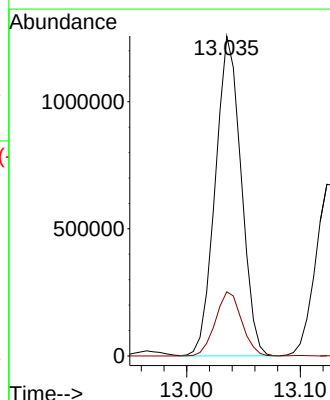
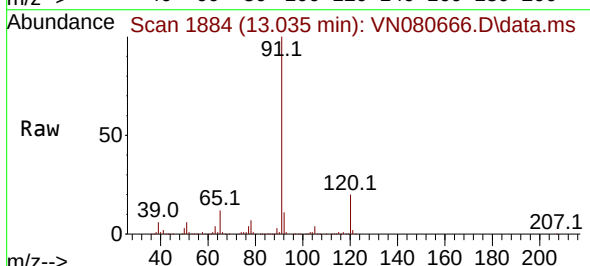
RT: 13.035 min Scan# 1884

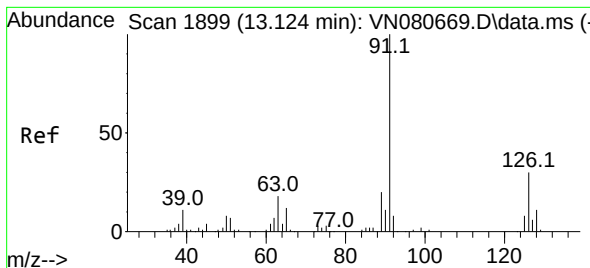
Delta R.T. 0.000 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Tgt Ion:	91	Resp:	1986573
Ion Ratio	Lower	Upper	
91	100		
120	20.4	0.0	43.8





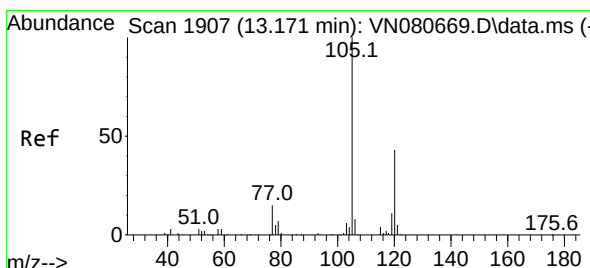
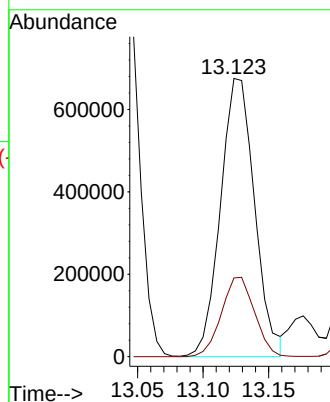
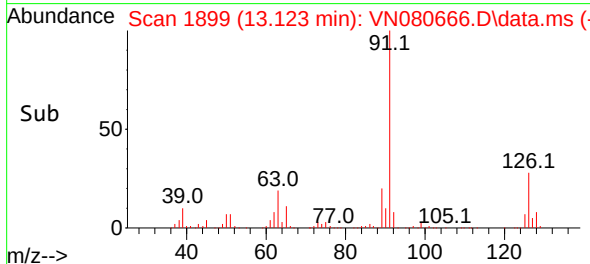
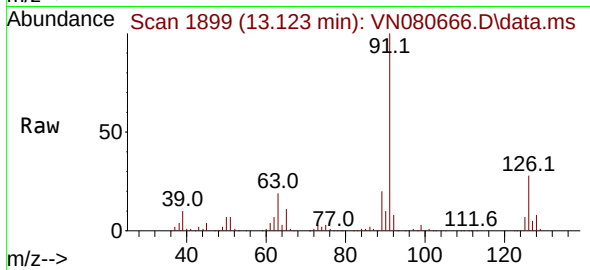
#75
2-Chlorotoluene
Concen: 153.537 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 122283
Ion Ratio Lower Upper
91 100
126 27.8 0.0 61.2

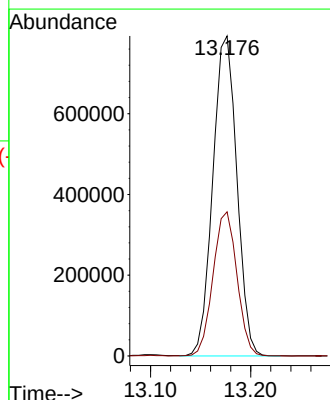
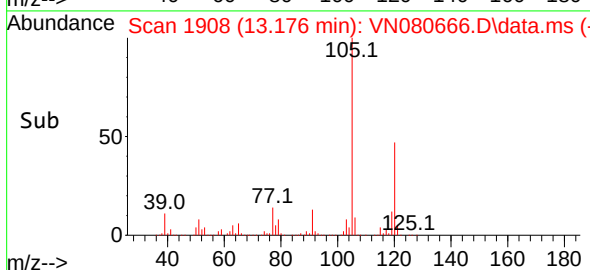
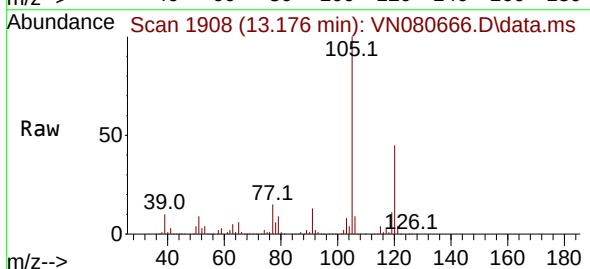
Manual Integrations
APPROVED

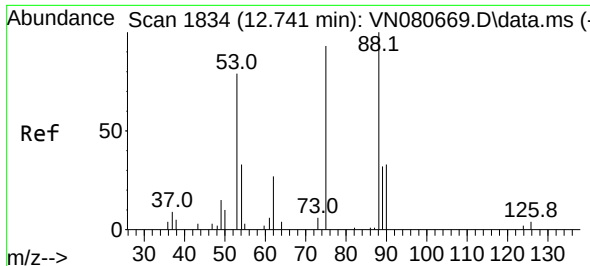
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 151.145 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

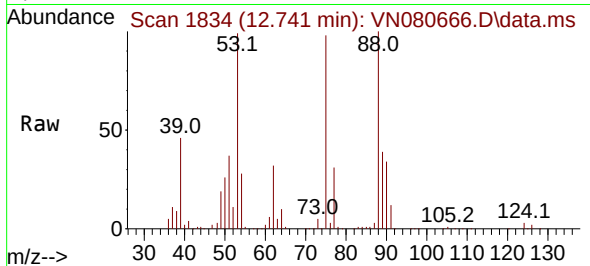
Tgt Ion:105 Resp: 1321044
Ion Ratio Lower Upper
105 100
120 44.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 153.395 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

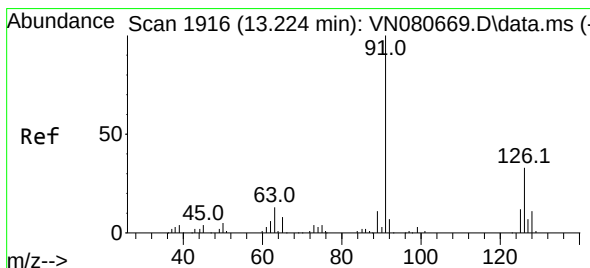
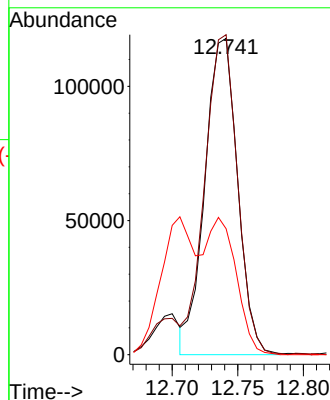
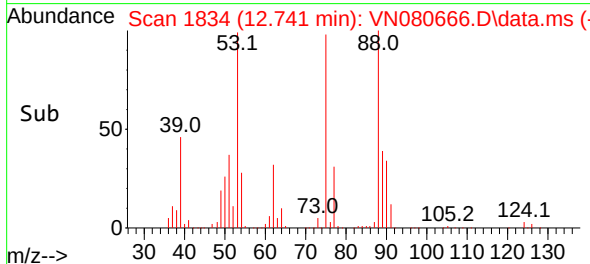
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 20428
Ion Ratio Lower Upper
75 100
53 101.0 45.9 137.7
89 39.9 25.9 77.7

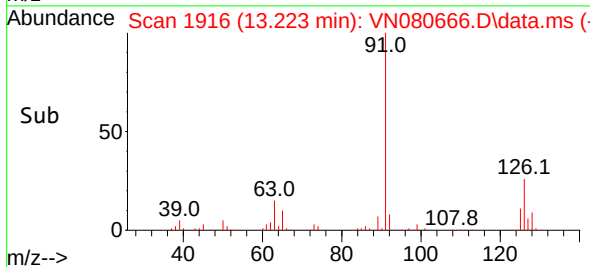
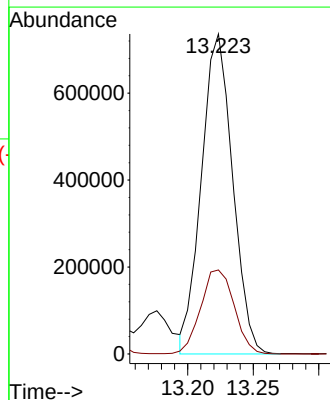
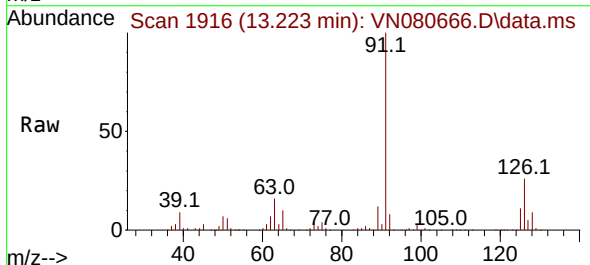
Manual Integrations
APPROVED

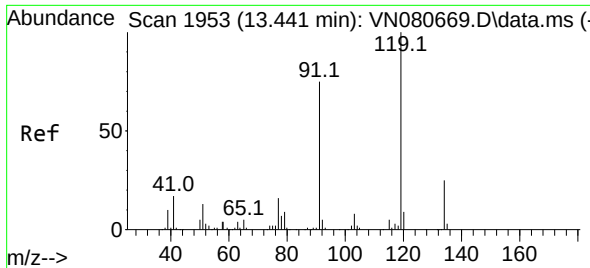
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#78
4-Chlorotoluene
Concen: 153.085 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

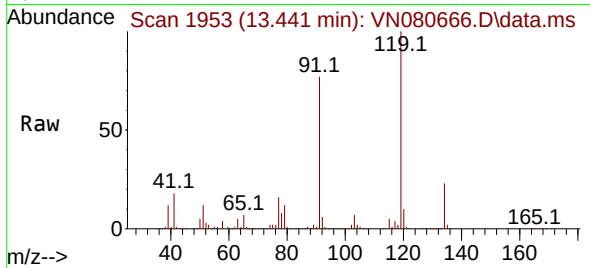
Tgt Ion: 91 Resp: 1218741
Ion Ratio Lower Upper
91 100
126 28.2 0.0 62.8





#79
tert-butylbenzene
Concen: 152.500 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

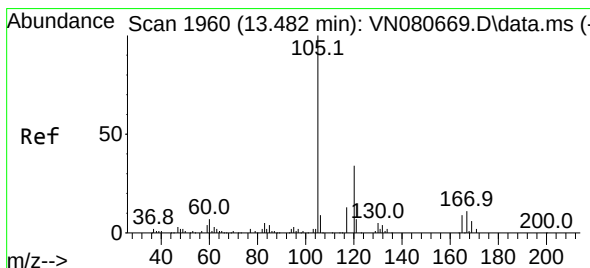
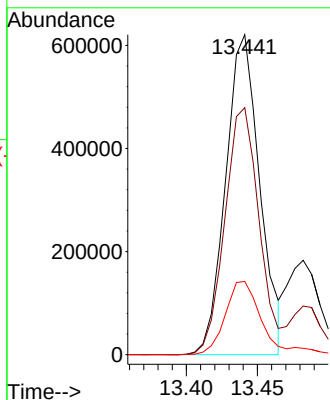
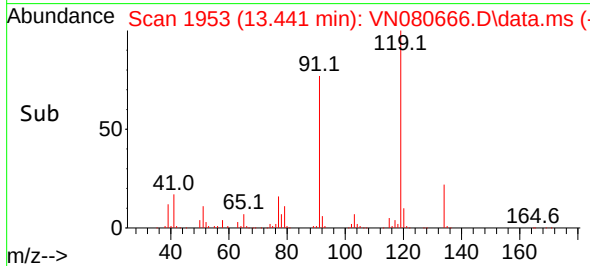
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 1040400
Ion Ratio Lower Upper
119 100
91 77.0 0.0 138.8
134 23.2 0.0 48.6

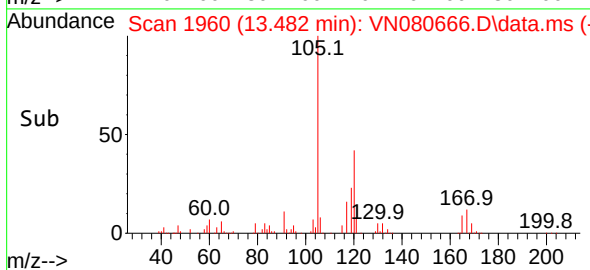
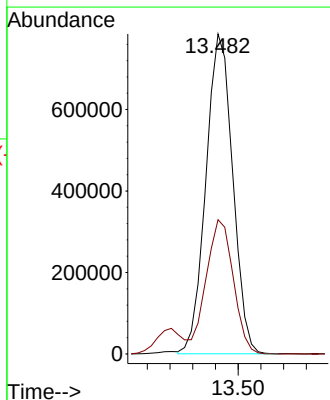
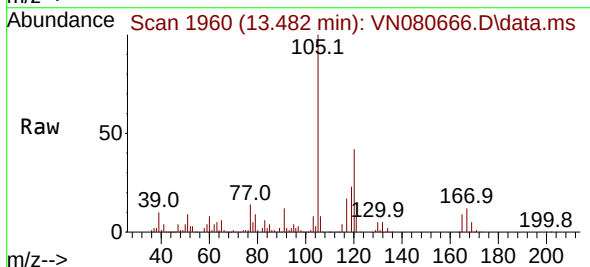
Manual Integrations
APPROVED

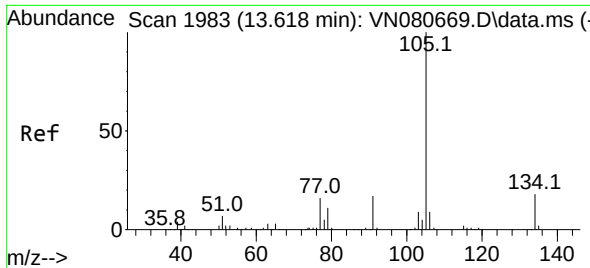
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 150.216 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion:105 Resp: 1284504
Ion Ratio Lower Upper
105 100
120 43.0 0.0 86.8





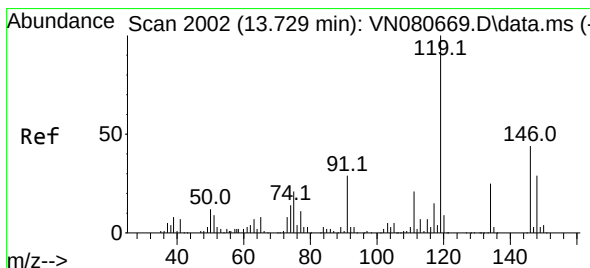
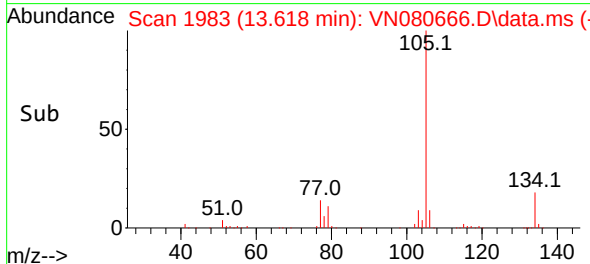
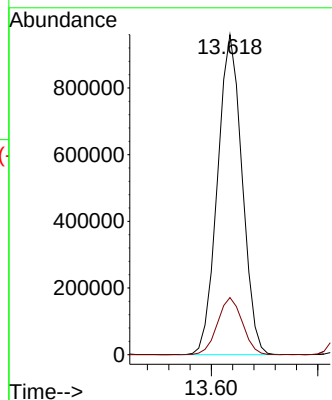
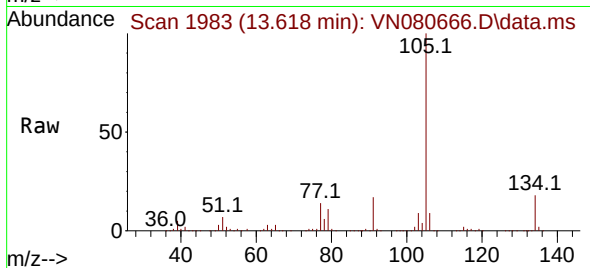
#81
 sec-Butylbenzene
 Concen: 153.153 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080666.D
 Acq: 11 Jan 2024 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 153813
 Ion Ratio Lower Upper
 105 100
 134 18.1 0.0 39.0

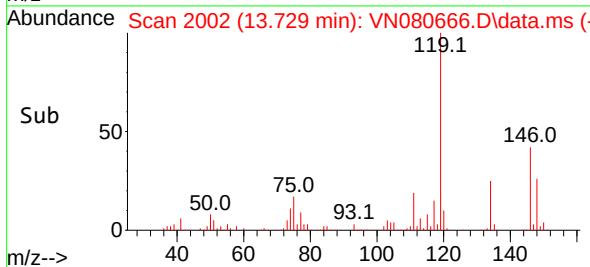
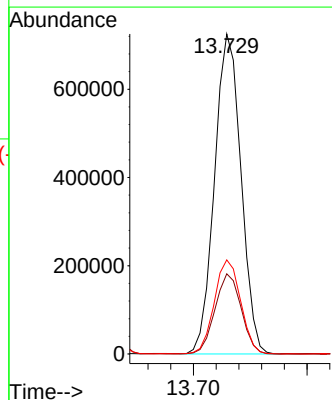
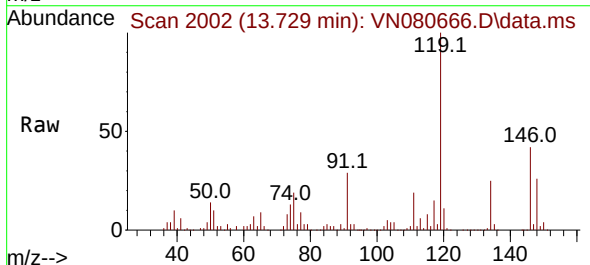
Manual Integrations
 APPROVED

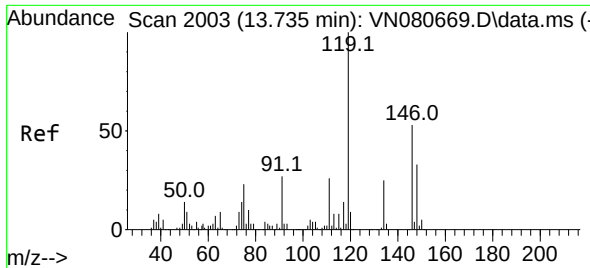
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#82
 p-Isopropyltoluene
 Concen: 153.298 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080666.D
 Acq: 11 Jan 2024 10:06

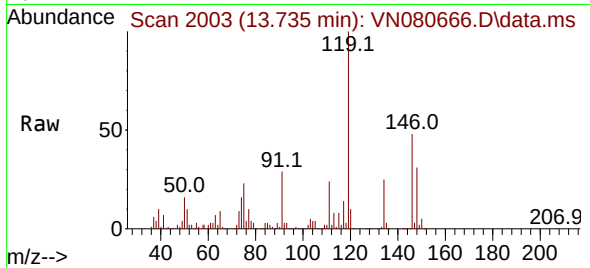
Tgt Ion:119 Resp: 1174100
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.2
 91 29.2 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 148.302 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

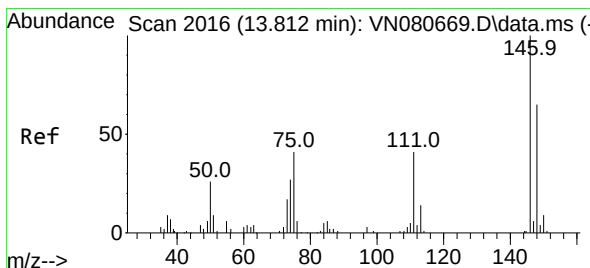
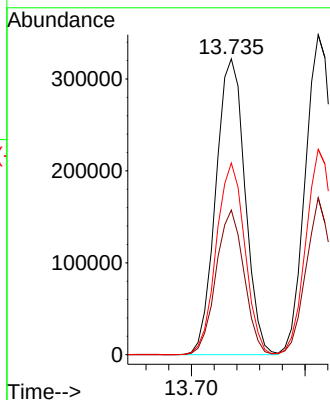
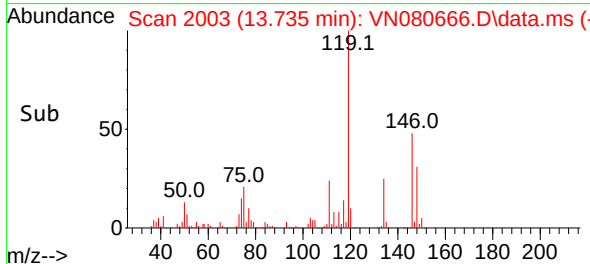
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



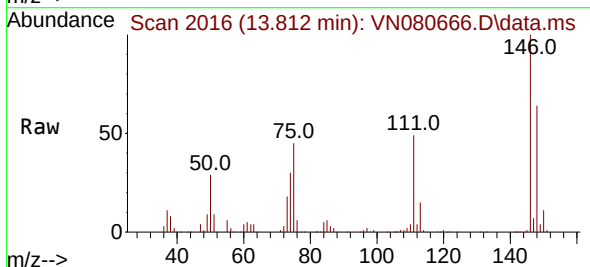
Tgt Ion:146 Resp: 575884
Ion Ratio Lower Upper
146 100
111 46.9 22.4 67.0
148 63.2 32.1 96.5

Manual Integrations
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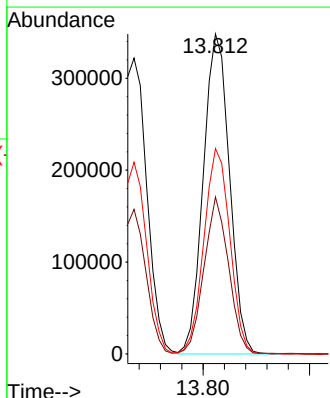
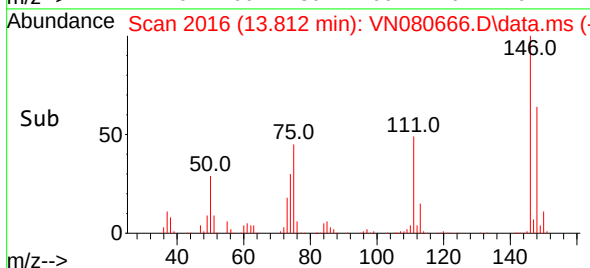
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

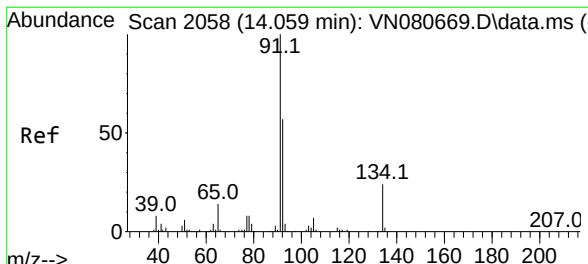


#84
1,4-Dichlorobenzene
Concen: 152.407 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



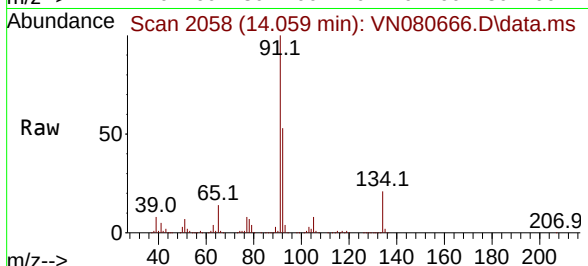
Tgt Ion:146 Resp: 595905
Ion Ratio Lower Upper
146 100
111 46.0 21.3 63.9
148 63.7 31.9 95.5





#85
n-Butylbenzene
Concen: 162.568 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

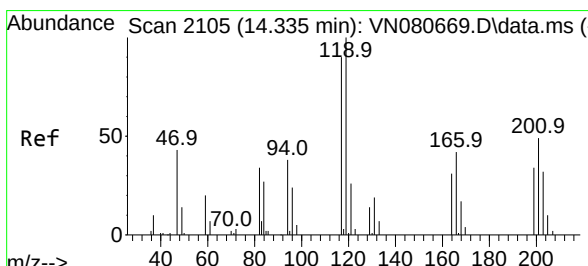
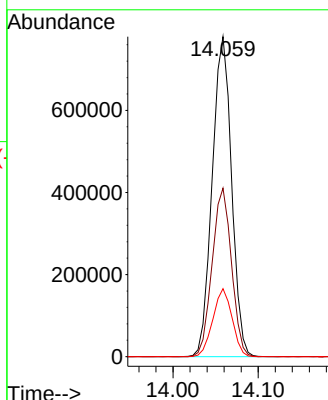
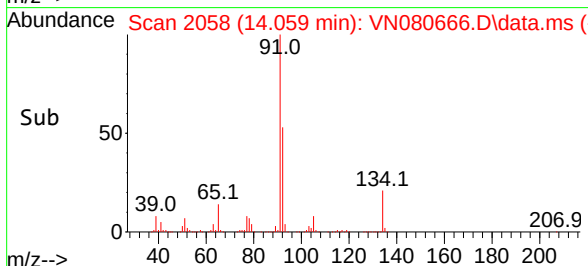
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



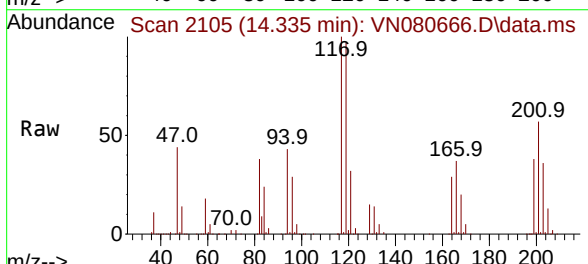
Tgt Ion: 91 Resp: 1230200
Ion Ratio Lower Upper
91 100
92 52.6 0.0 105.0
134 21.1 0.0 51.8

Manual Integrations
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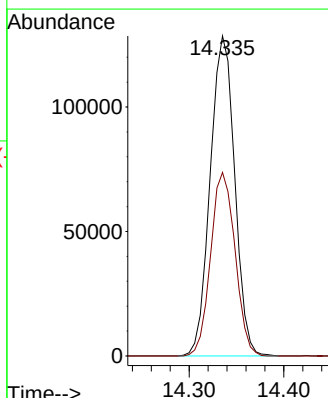
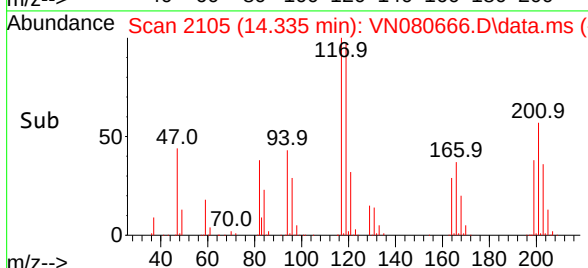
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

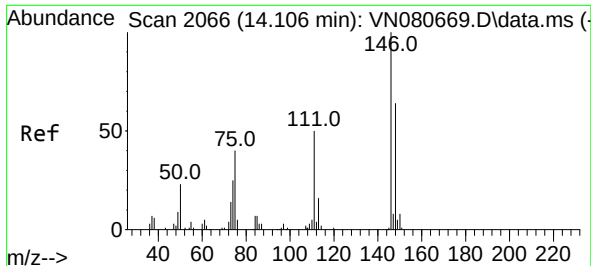


#86
Hexachloroethane
Concen: 160.577 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



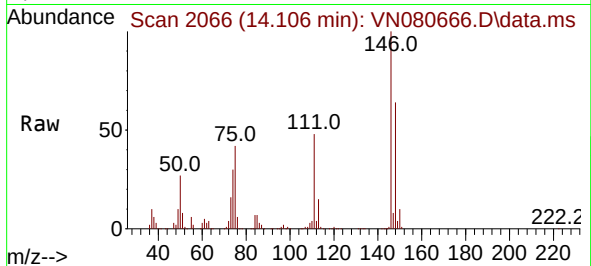
Tgt Ion:117 Resp: 231270
Ion Ratio Lower Upper
117 100
201 57.2 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 149.459 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

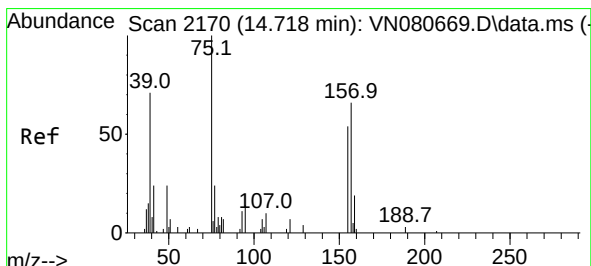
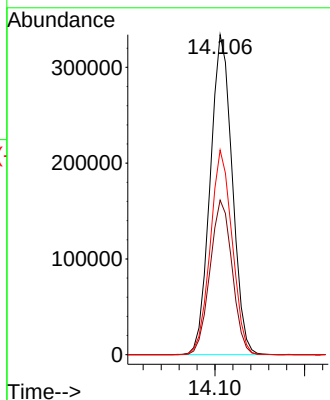
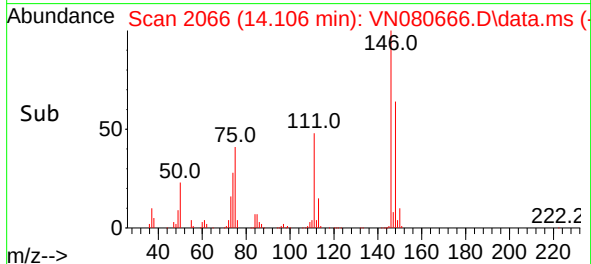
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 569335
Ion Ratio Lower Upper
146 100
111 48.5 22.6 67.8
148 63.6 31.3 93.8

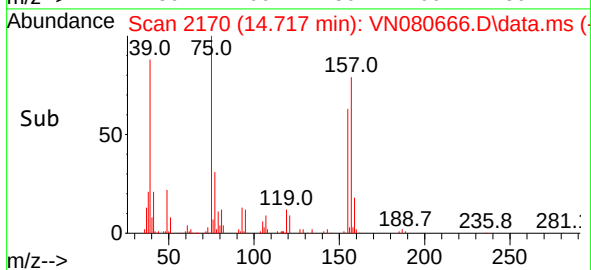
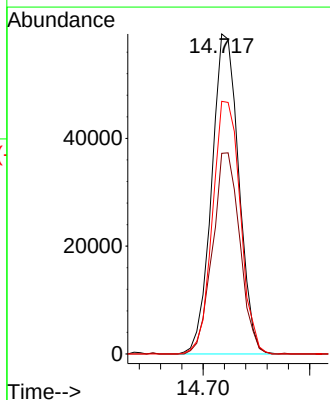
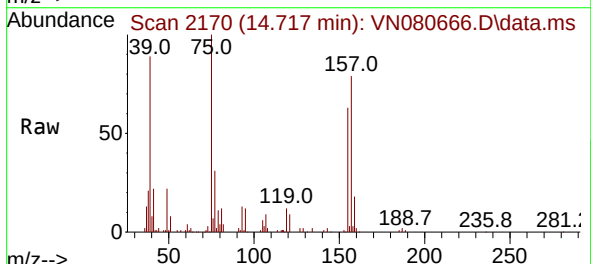
Manual Integrations
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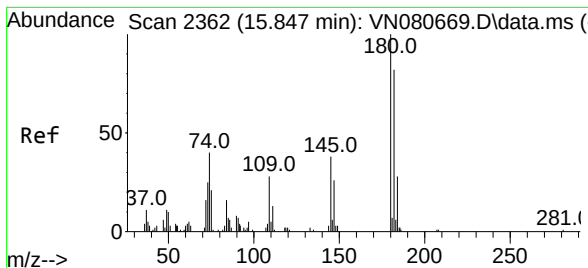
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 146.637 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.001 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

Tgt Ion: 75 Resp: 104647
Ion Ratio Lower Upper
75 100
155 63.2 61.7 92.5
157 80.9 83.6 125.4#





#89

1,2,4-Trichlorobenzene

Concen: 149.841 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 286289

Ion Ratio Lower Upper

180 100

182 96.4 76.4 114.6

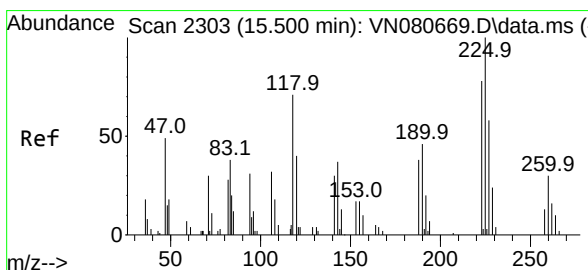
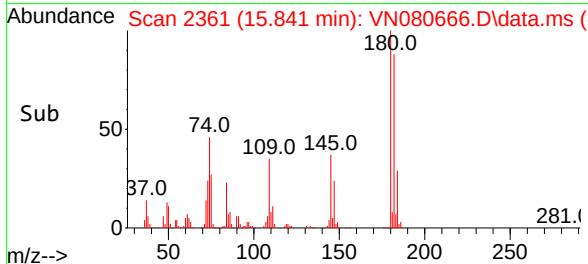
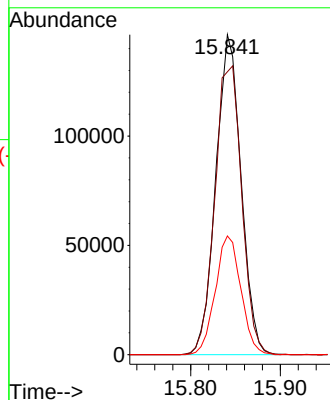
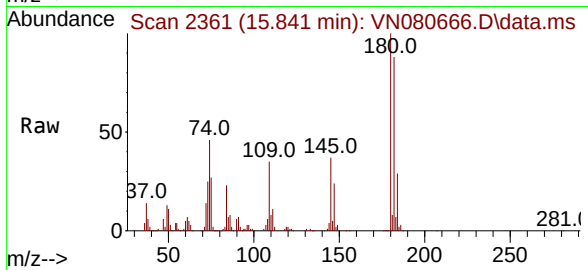
145 37.6 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#90

Hexachlorobutadiene

Concen: 147.504 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080666.D

Acq: 11 Jan 2024 10:06

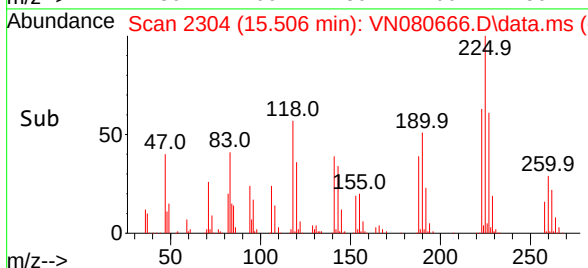
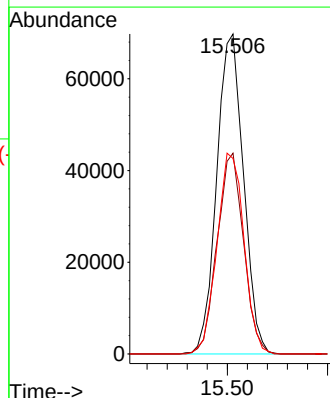
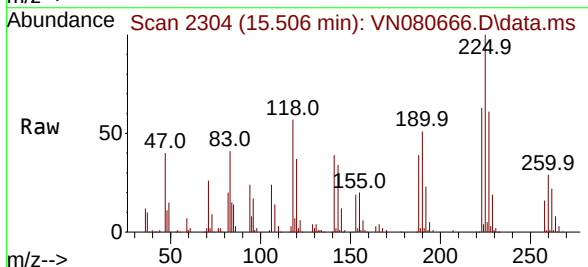
Tgt Ion:225 Resp: 129123

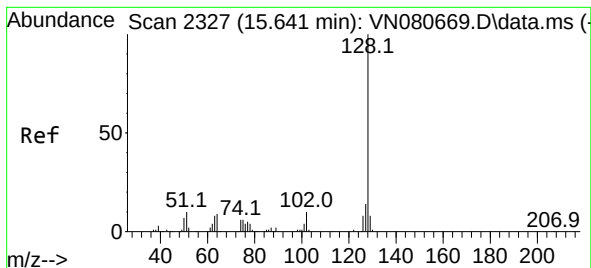
Ion Ratio Lower Upper

225 100

223 62.0 0.0 126.6

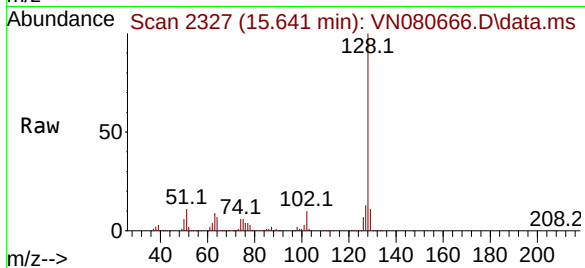
227 63.4 0.0 126.6





#91
Naphthalene
Concen: 145.975 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06

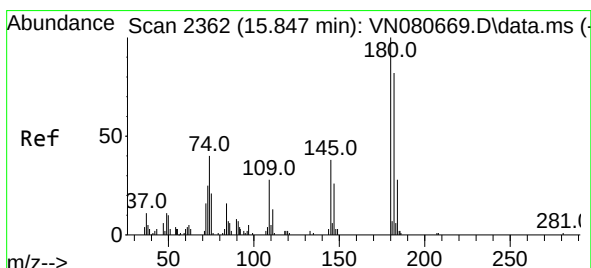
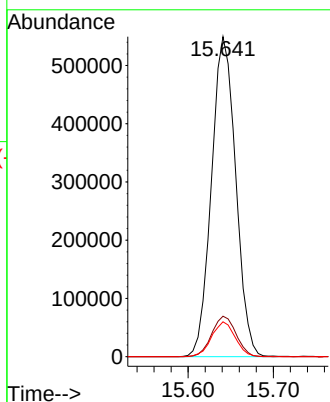
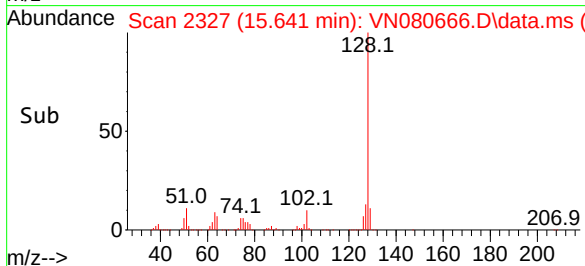
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



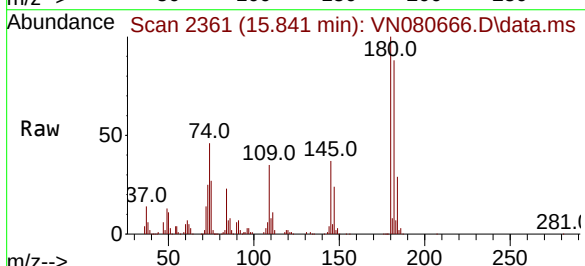
Tgt Ion:128 Resp: 1087280
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#92
1,2,3-Trichlorobenzene
Concen: 149.841 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080666.D
Acq: 11 Jan 2024 10:06



Tgt Ion:180 Resp: 286289
Ion Ratio Lower Upper
180 100
182 96.4 0.0 191.0
145 37.6 0.0 71.0

