

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080667.D
 Acq On : 11 Jan 2024 10:29
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 12 04:39:08 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	15422	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	124465	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	143101	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	71458	28.693	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.633%		
60) 4-Bromofluorobenzene	12.853	95	92754	29.301	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.667%		
63) Toluene-d8	10.571	98	183633	29.240	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.467%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	289224	110.344	ug/l	98
3) Chloromethane	2.360	50	365234	102.294	ug/l	99
4) Vinyl Chloride	2.512	62	280579	103.304	ug/l	99
5) Bromomethane	2.948	94	98875	99.144	ug/l	98
6) Chloroethane	3.118	64	150355	102.396	ug/l	97
7) Trichlorofluoromethane	3.495	101	436709	107.627	ug/l	95
8) Diethyl Ether	3.959	74	201090	112.717	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	243994	104.350	ug/l	88
10) 1,1-Dichloroethene	4.336	96	263164	104.566	ug/l	# 79
11) Methyl Iodide	4.583	142	230498	107.599	ug/l	90
12) Methyl Acetate	5.012	43	308858	103.940	ug/l	# 77
13) Acrolein	4.171	56	187506	473.575	ug/l	99
14) Acrylonitrile	5.712	53	690243	515.480	ug/l	99
15) Acetone	4.418	58	151814	500.004	ug/l	# 70
16) Carbon Disulfide	4.712	76	778723	100.081	ug/l	97
17) Allyl chloride	5.018	41	527563	102.925	ug/l	87
18) Methylene Chloride	5.277	84	294741	100.986	ug/l	# 80
19) trans-1,2-Dichloroethene	5.783	96	274399	103.912	ug/l	91
20) Diisopropyl ether	6.665	45	1090953	105.810	ug/l	92
21) 1,1-Dichloroethane	6.565	63	592428	105.734	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	322757	104.433	ug/l	# 83
23) tert-Butyl Alcohol	5.506	59	236688	512.404	ug/l	# 100
24) Methyl tert-Butyl Ether	5.789	73	981060m	108.015	ug/l	
25) Chloroform	7.965	83	549136	105.267	ug/l	95
26) Cyclohexane	8.253	56	463723	105.247	ug/l	# 89
29) 1,1-Dichloropropene	8.371	75	420425	111.121	ug/l	96
30) 2-Butanone	7.477	43	920152	549.605	ug/l	91
31) 2,2-Dichloropropane	7.489	77	514268	113.146	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	475488	114.213	ug/l	# 94
33) Carbon Tetrachloride	8.359	117	379659	115.469	ug/l	95
34) Benzene	8.606	78	1226495	109.291	ug/l	97
35) Methacrylonitrile	7.777	41	235464	112.081	ug/l	89
36) 1,2-Dichloroethane	8.671	62	478560	115.974	ug/l	# 93
37) Trichloroethene	9.353	130	270418	110.489	ug/l	87
38) Methylcyclohexane	9.600	83	406135	110.185	ug/l	91
39) 1,2-Dichloropropane	9.618	63	338184	111.805	ug/l	99
40) Dibromomethane	9.706	93	199313	110.746	ug/l	87
41) Bromodichloromethane	9.888	83	447815	113.704	ug/l	99
42) Vinyl Acetate	6.600	43	4262783m	547.820	ug/l	

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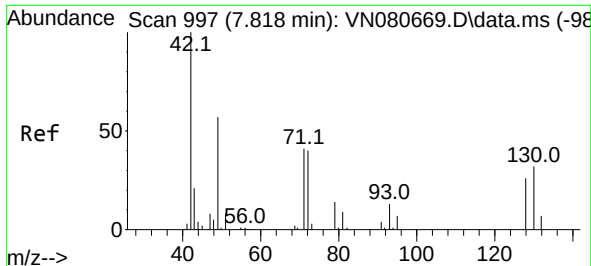
Manual Integrations
 APPROVED

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

Quant Time: Jan 12 04:39:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	397680	113.119	ug/l	99
44) Isopropyl Acetate	8.688	43	754546	112.435	ug/l	90
45) 1,4-Dioxane	9.688	88	78144	2047.400	ug/l #	87
46) Methyl methacrylate	9.677	41	352897	111.673	ug/l	77
47) n-amyl Acetate	12.494	43	660757m	109.814	ug/l	
48) t-1,3-Dichloropropene	10.835	75	532905	114.836	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	553011	112.275	ug/l #	77
50) 1,1,2-Trichloroethane	11.018	97	268965	108.821	ug/l	95
51) Ethyl methacrylate	10.877	69	474882	111.145	ug/l	71
52) 1,3-Dichloropropane	11.165	76	514507	110.575	ug/l	97
53) Dibromochloromethane	11.359	129	282516	114.226	ug/l	100
54) 1,2-Dibromoethane	11.471	107	268894	110.675	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	1101759	501.690	ug/l	94
56) Bromoform	12.576	173	169884	116.276	ug/l	96
58) 4-Methyl-2-Pentanone	10.447	43	1974512	524.521	ug/l #	85
59) 2-Hexanone	11.194	43	1487473	529.232	ug/l #	85
61) Tetrachloroethene	11.106	164	204840	107.534	ug/l	97
62) Toluene	10.630	91	1222819	106.242	ug/l	100
64) Chlorobenzene	11.894	112	686772	107.129	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	239185	103.843	ug/l	94
66) Ethyl Benzene	11.965	91	1305776	107.865	ug/l	97
67) m/p-Xylenes	12.071	106	922277	211.969	ug/l	91
68) o-Xylene	12.400	106	460385	106.097	ug/l	93
69) Styrene	12.412	104	768536	105.422	ug/l	94
70) Isopropylbenzene	12.694	105	1147801	108.229	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	361875	104.539	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	332761m	97.841	ug/l	
73) Bromobenzene	12.982	156	242581	107.311	ug/l	74
74) n-propylbenzene	13.035	91	1407981	110.083	ug/l	96
75) 2-Chlorotoluene	13.124	91	880119	109.421	ug/l	96
76) 1,3,5-Trimethylbenzene	13.171	105	951280	107.770	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	150791	112.114	ug/l	88
78) 4-Chlorotoluene	13.224	91	881662	109.658	ug/l	95
79) tert-butylbenzene	13.441	119	741934	107.684	ug/l	91
80) 1,2,4-Trimethylbenzene	13.482	105	926333	107.266	ug/l	98
81) sec-Butylbenzene	13.618	105	1097174	108.174	ug/l	96
82) p-Isopropyltoluene	13.729	119	853923	110.399	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	415324	105.904	ug/l	96
84) 1,4-Dichlorobenzene	13.812	146	431345	109.236	ug/l	98
85) n-Butylbenzene	14.059	91	860784	112.633	ug/l	97
86) Hexachloroethane	14.335	117	161431	110.985	ug/l	79
87) 1,2-Dichlorobenzene	14.106	146	415566	108.022	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	77008	106.848	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.841	180	209500	108.574	ug/l	98
90) Hexachlorobutadiene	15.506	225	92700	104.857	ug/l	99
91) Naphthalene	15.641	128	814171	108.235	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	209500	108.574	ug/l	98

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



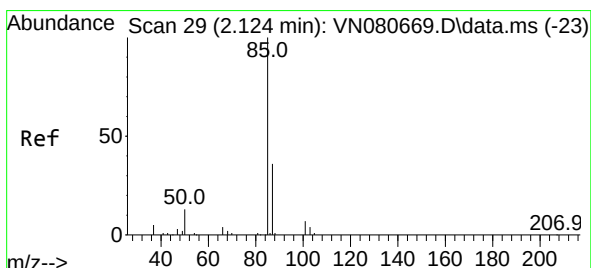
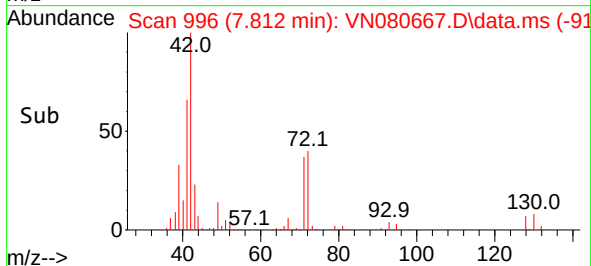
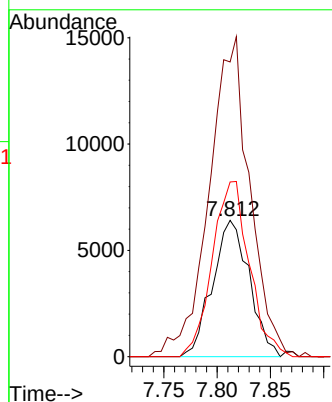
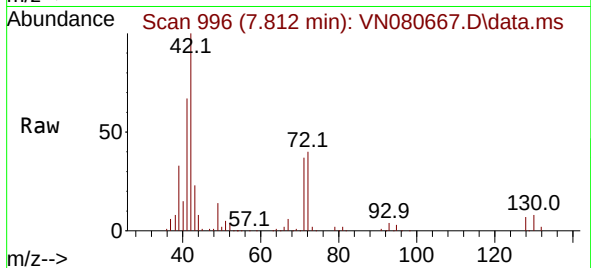
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1542
Ion Ratio Lower Upper
128 100
49 254.3 0.0 403.7
130 129.2 0.0 323.3

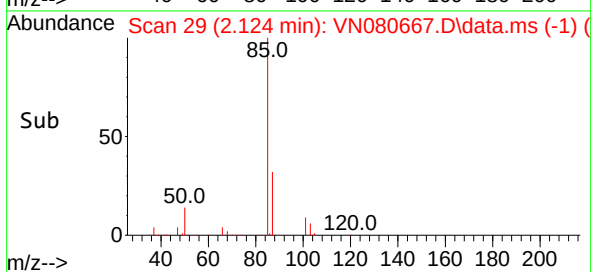
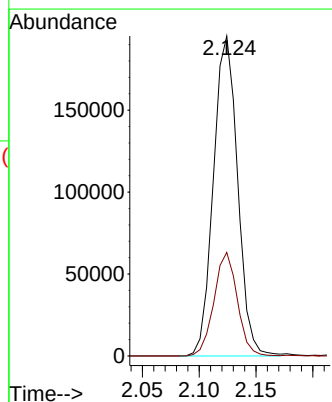
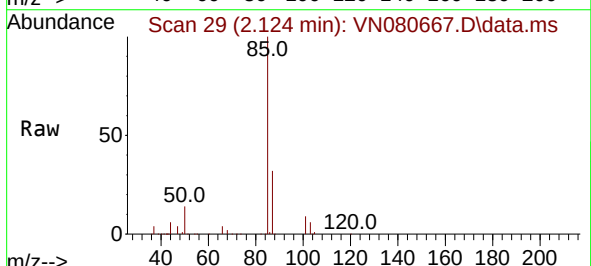
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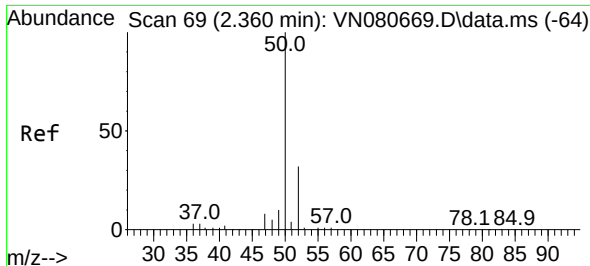
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#2
Dichlorodifluoromethane
Concen: 110.344 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

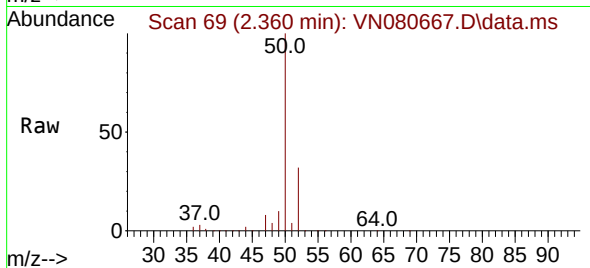
Tgt Ion: 85 Resp: 289224
Ion Ratio Lower Upper
85 100
87 32.3 16.8 50.3





#3
Chloromethane
Concen: 102.294 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

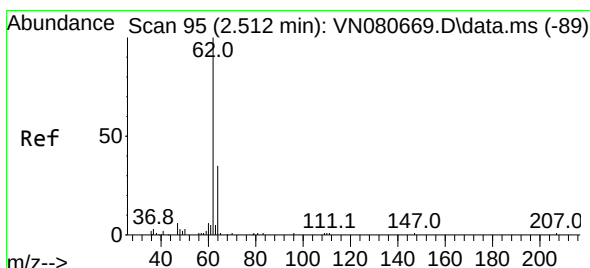
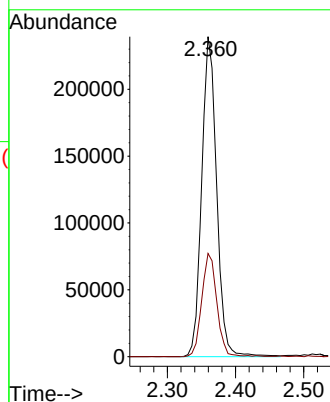
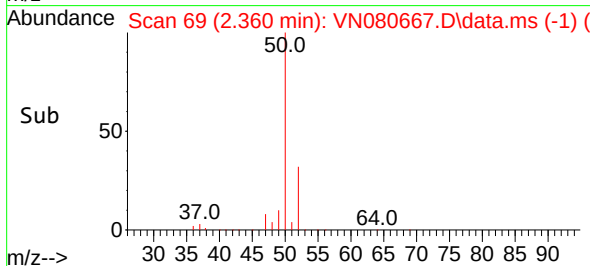
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 365234
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

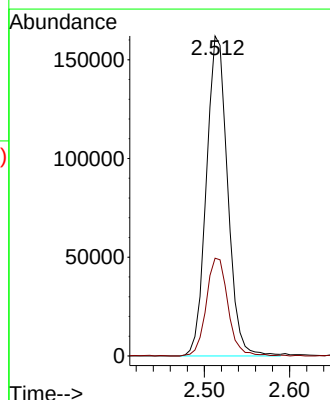
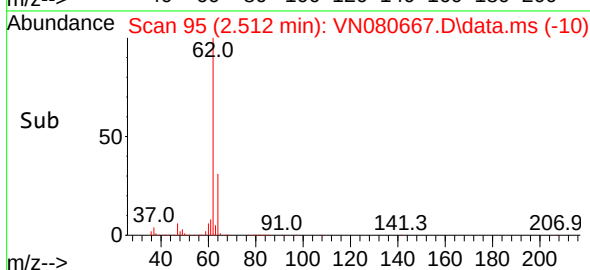
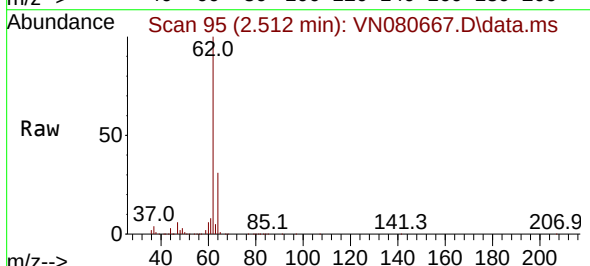
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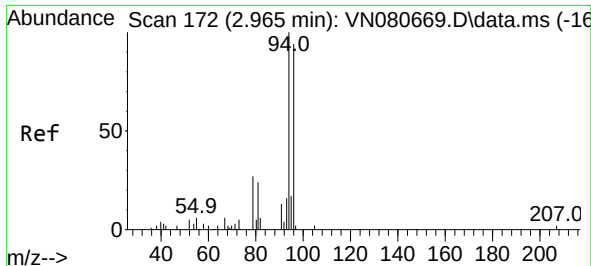
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#4
Vinyl Chloride
Concen: 103.304 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

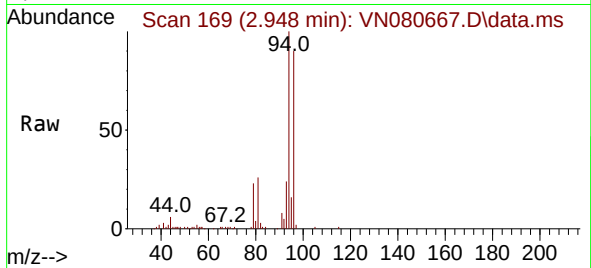
Tgt Ion: 62 Resp: 280579
Ion Ratio Lower Upper
62 100
64 30.6 24.1 36.1





#5
Bromomethane
Concen: 99.144 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

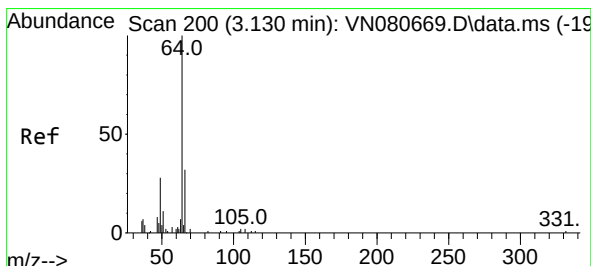
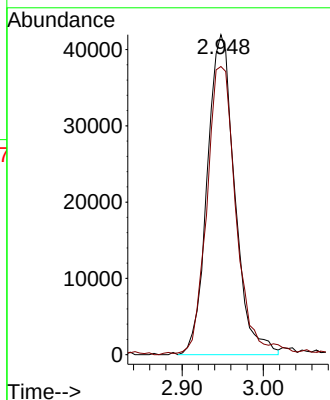
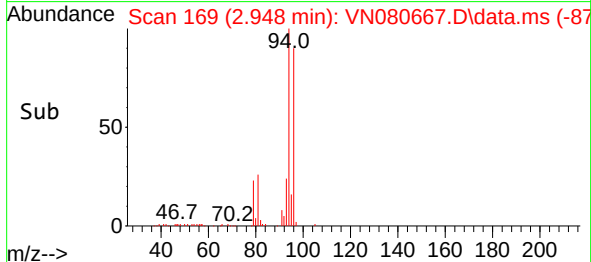
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 98875
Ion Ratio Lower Upper
94 100
96 89.5 72.8 109.2

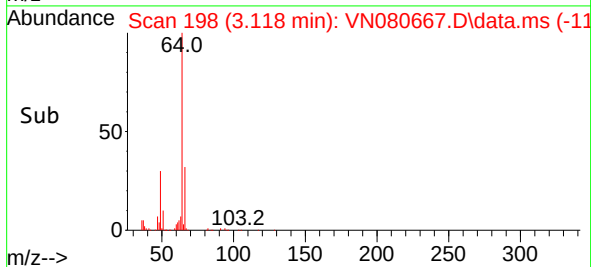
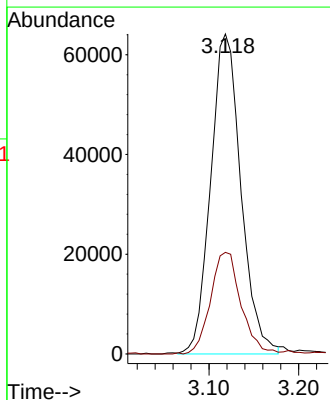
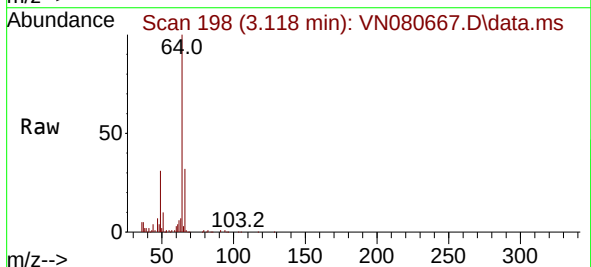
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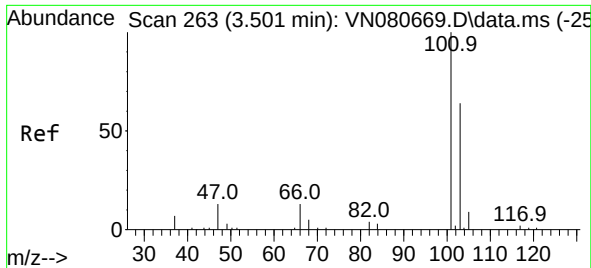
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#6
Chloroethane
Concen: 102.396 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.012 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

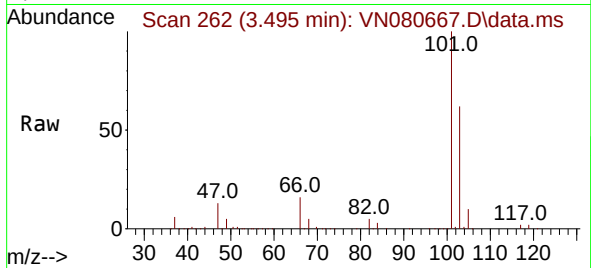
Tgt Ion: 64 Resp: 150355
Ion Ratio Lower Upper
64 100
66 31.6 26.7 40.1





#7
Trichlorofluoromethane
Concen: 107.627 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

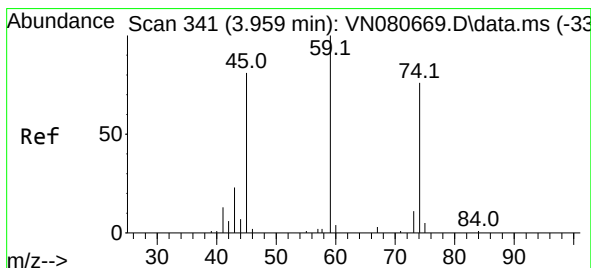
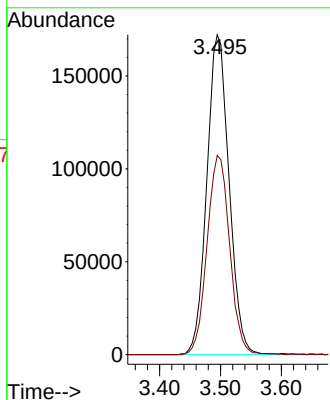
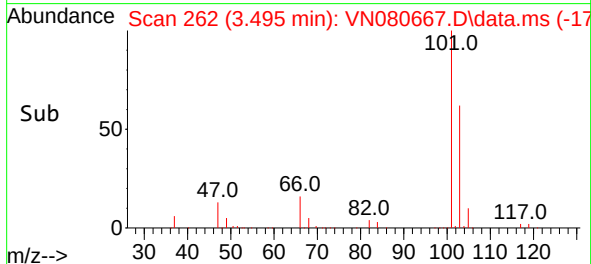
Instrument :
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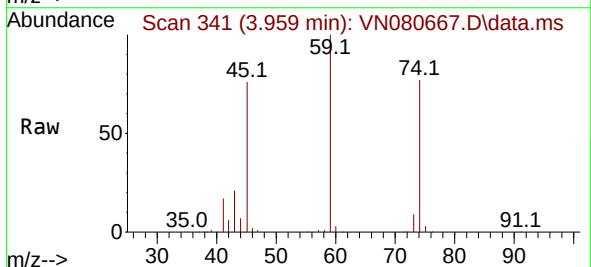
Tgt Ion:101 Resp: 436709
Ion Ratio Lower Upper
101 100
103 62.3 53.0 79.4

Manual Integrations
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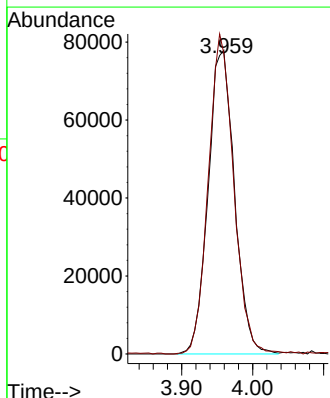
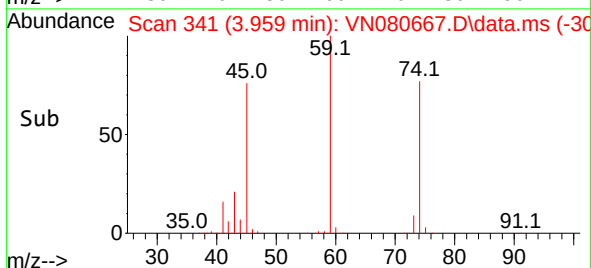
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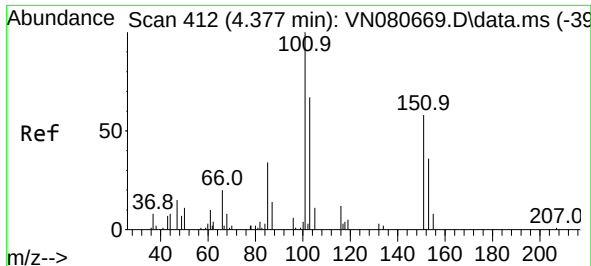


#8
Diethyl Ether
Concen: 112.717 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



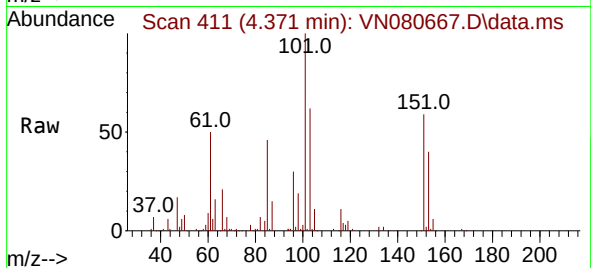
Tgt Ion: 74 Resp: 201090
Ion Ratio Lower Upper
74 100
45 100.8 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 104.350 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

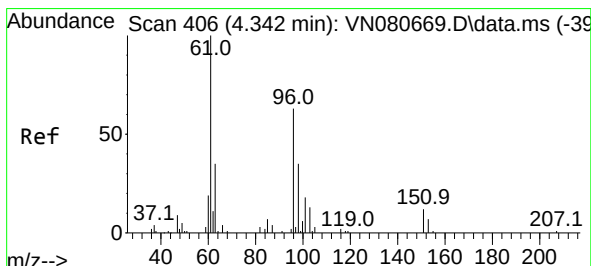
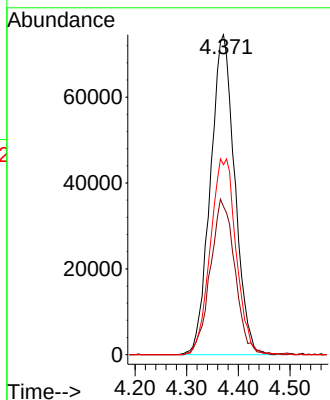
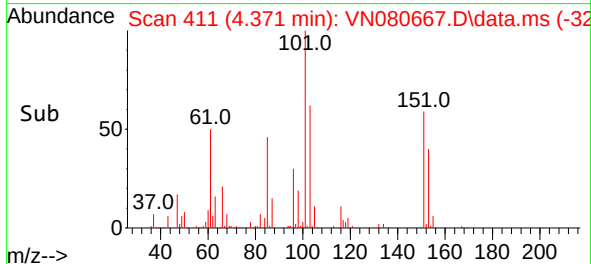
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 243994
Ion Ratio Lower Upper
101 100
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151 64.7 0.0 157.6

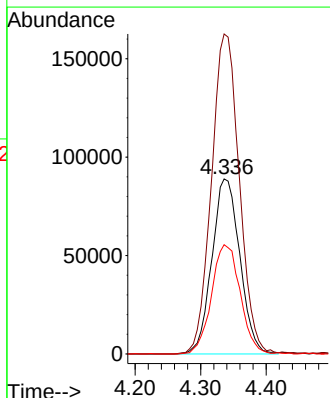
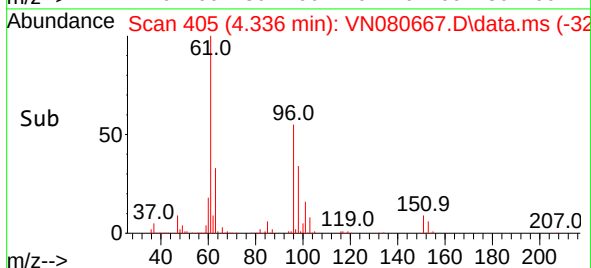
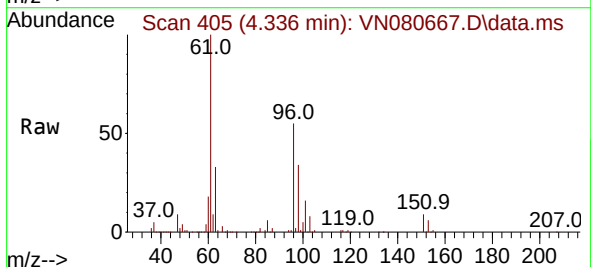
Manual Integrations
APPROVED

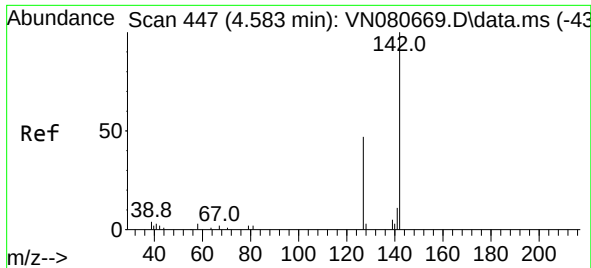
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#10
1,1-Dichloroethene
Concen: 104.566 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

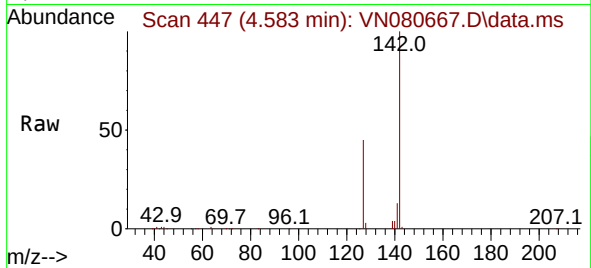
Tgt Ion: 96 Resp: 263164
Ion Ratio Lower Upper
96 100
61 182.5 117.6 176.4#
98 62.4 48.4 72.6





#11
Methyl Iodide
Concen: 107.599 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

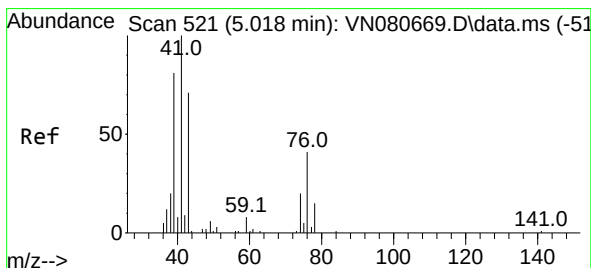
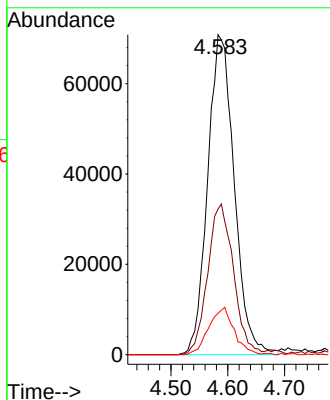
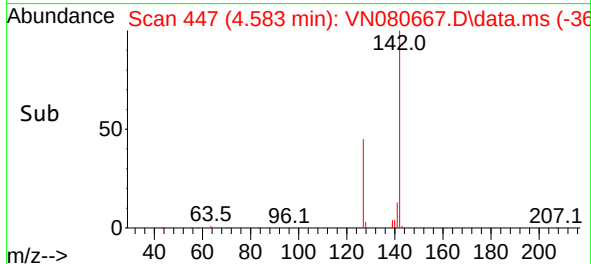
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 230498
Ion Ratio Lower Upper
142 100
127 45.2 26.3 78.9
141 13.1 8.3 24.9

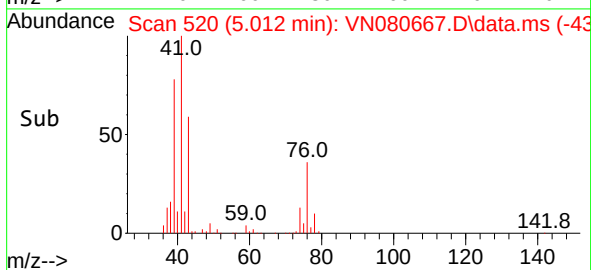
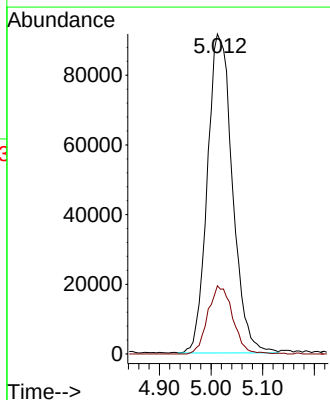
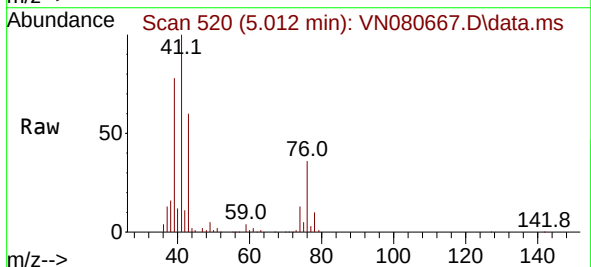
Manual Integrations
APPROVED

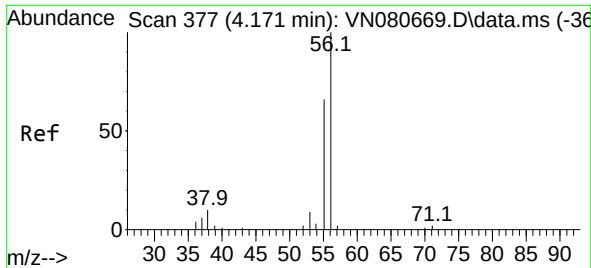
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#12
Methyl Acetate
Concen: 103.940 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 43 Resp: 308858
Ion Ratio Lower Upper
43 100
74 21.3 27.7 41.5#





#13

Acrolein

Concen: 473.575 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 187500

Ion Ratio Lower Upper

56 100

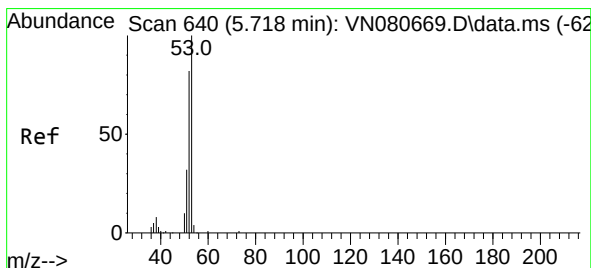
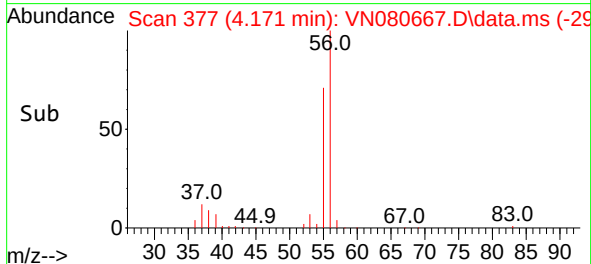
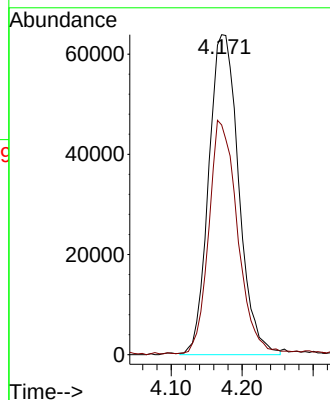
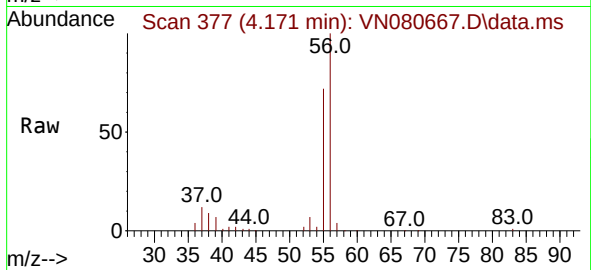
55 68.9 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#14

Acrylonitrile

Concen: 515.480 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

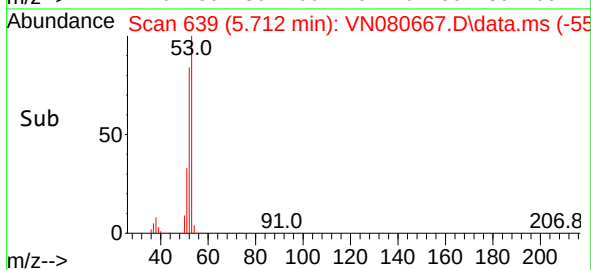
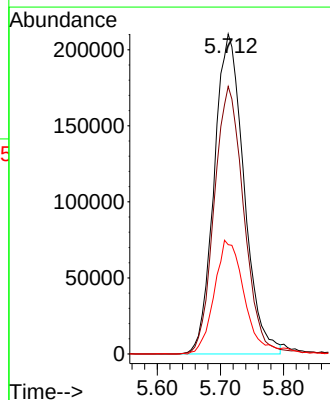
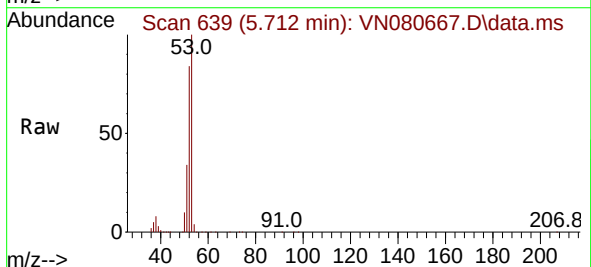
Tgt Ion: 53 Resp: 690243

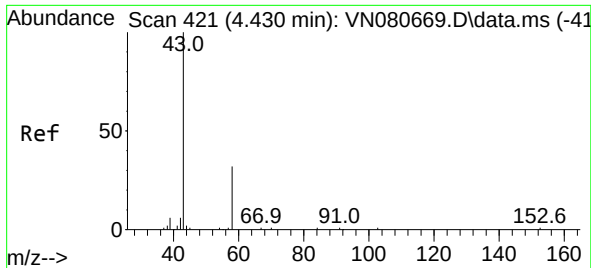
Ion Ratio Lower Upper

53 100

52 83.1 41.3 123.9

51 35.6 16.8 50.3





#15

Acetone

Concen: 500.004 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 151814

Ion Ratio Lower Upper

58 100

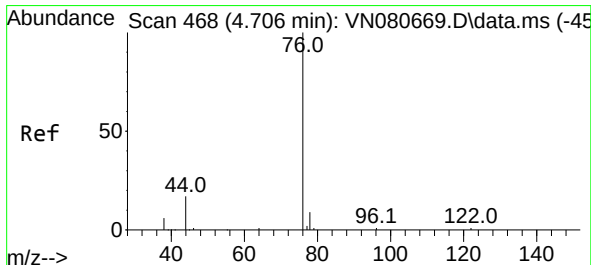
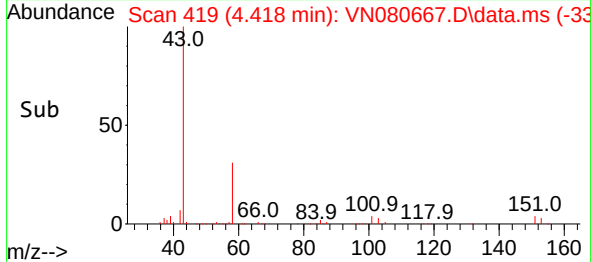
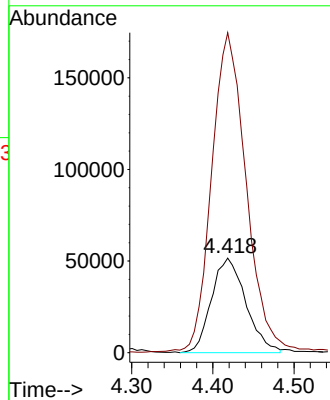
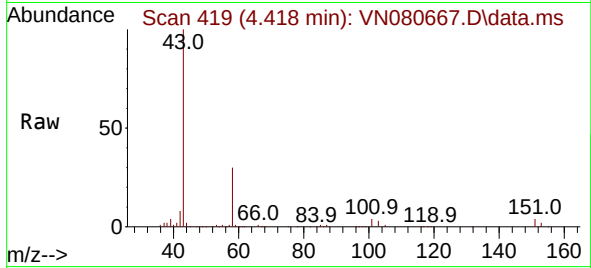
43 335.4 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#16

Carbon Disulfide

Concen: 100.081 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080667.D

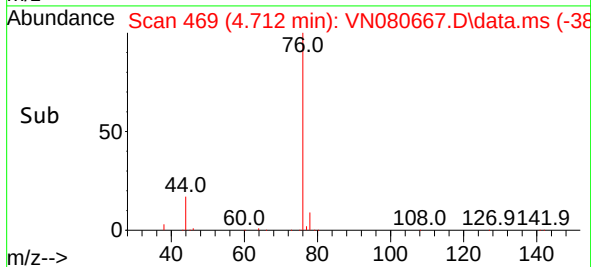
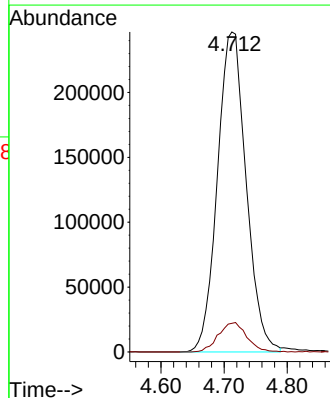
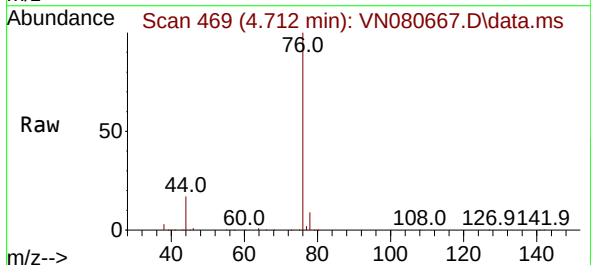
Acq: 11 Jan 2024 10:29

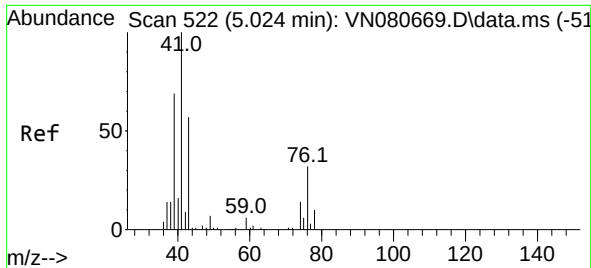
Tgt Ion: 76 Resp: 778723

Ion Ratio Lower Upper

76 100

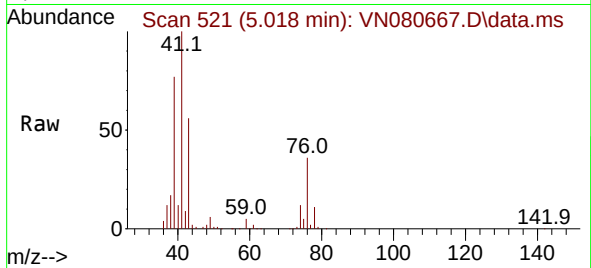
78 8.9 6.3 9.5





#17
 Allyl chloride
 Concen: 102.925 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29

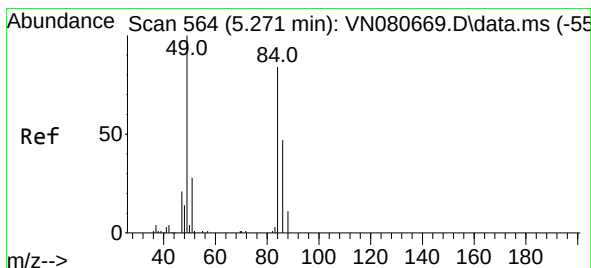
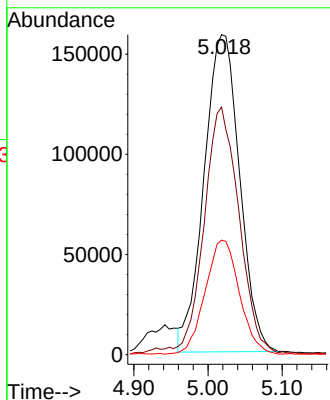
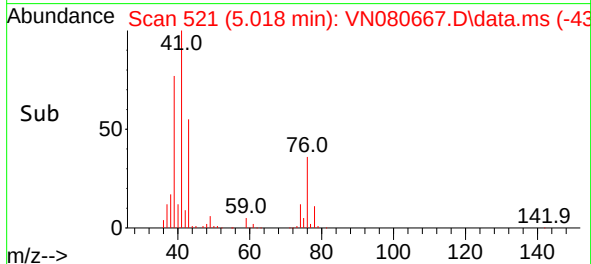
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



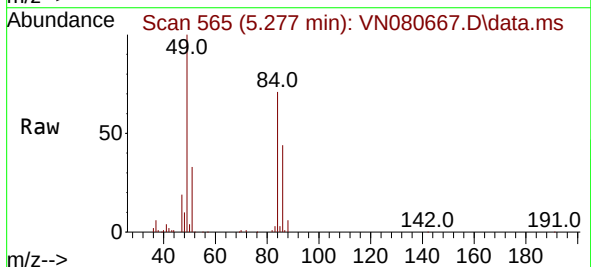
Tgt Ion: 41 Resp: 52756
 Ion Ratio Lower Upper
 41 100
 39 77.5 37.6 112.9
 76 35.8 27.8 83.4

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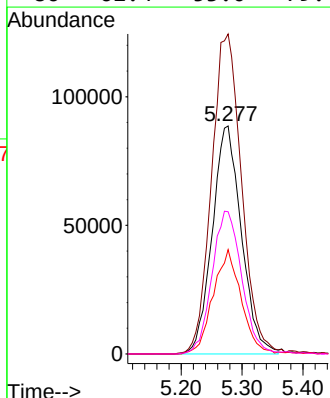
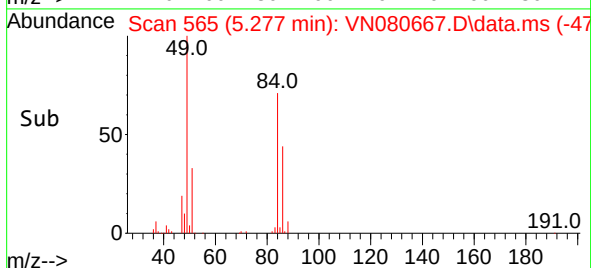
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024

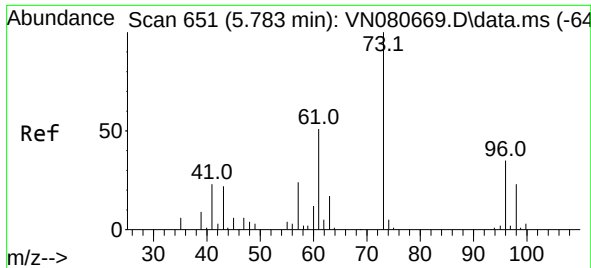


#18
 Methylene Chloride
 Concen: 100.986 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29



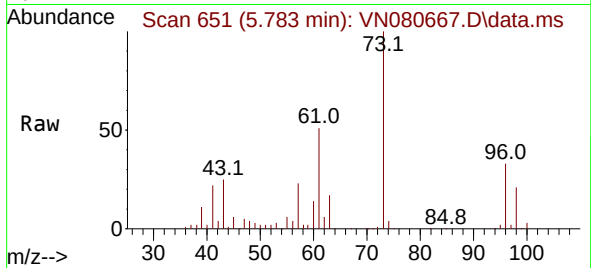
Tgt Ion: 84 Resp: 294741
 Ion Ratio Lower Upper
 84 100
 49 139.9 86.0 129.0#
 51 45.8 30.0 45.0#
 86 62.4 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 103.912 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

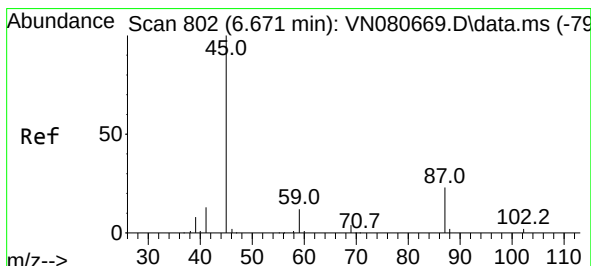
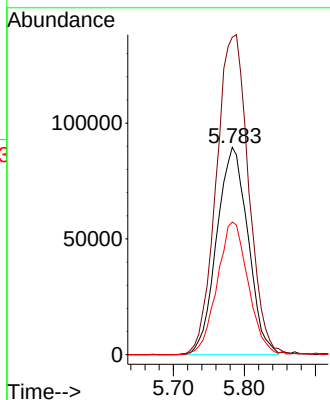
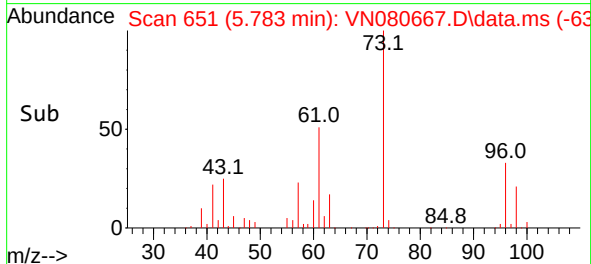
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 274399
Ion Ratio Lower Upper
96 100
61 153.1 111.8 167.6
98 63.8 49.2 73.8

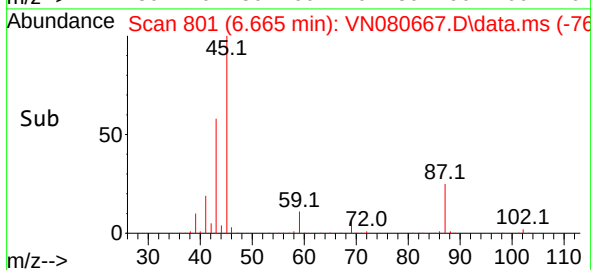
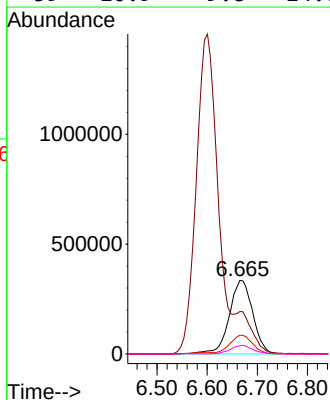
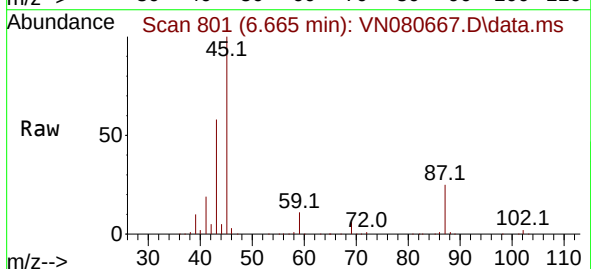
Manual Integrations
APPROVED

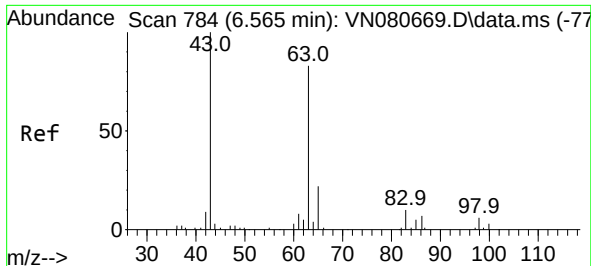
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#20
Diisopropyl ether
Concen: 105.810 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 45 Resp: 1090953
Ion Ratio Lower Upper
45 100
43 56.5 40.4 60.6
87 25.3 23.8 35.8
59 10.9 9.8 14.6





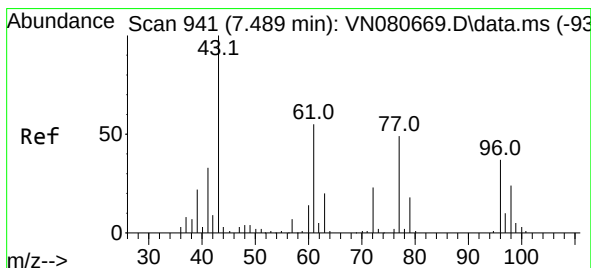
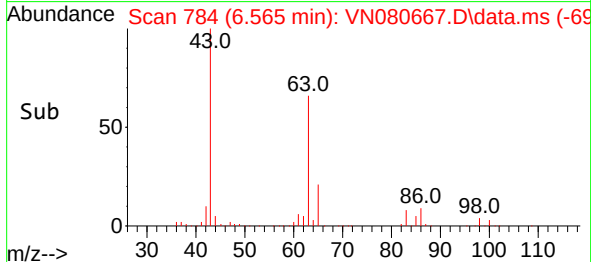
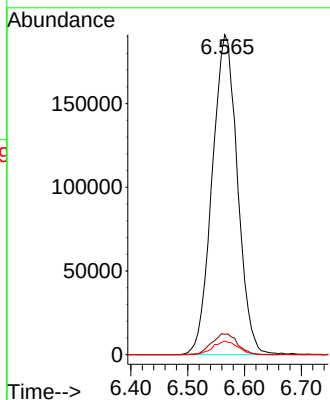
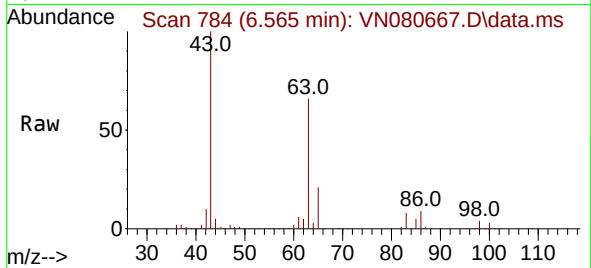
#21
1,1-Dichloroethane
Concen: 105.734 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 592428
Ion Ratio Lower Upper
63 100
98 6.4 4.1 12.3
100 4.3 3.0 9.0

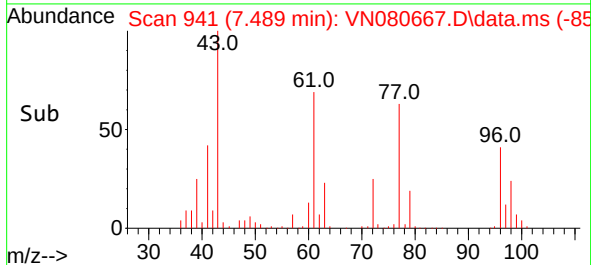
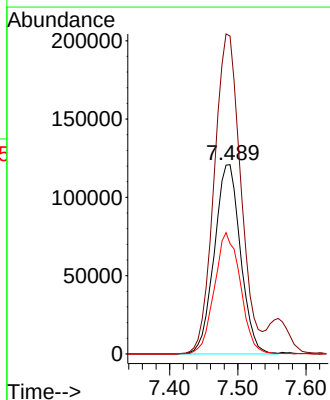
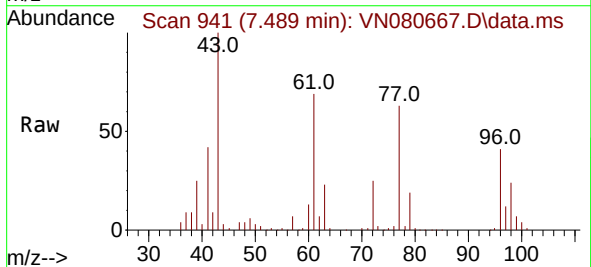
Manual Integrations
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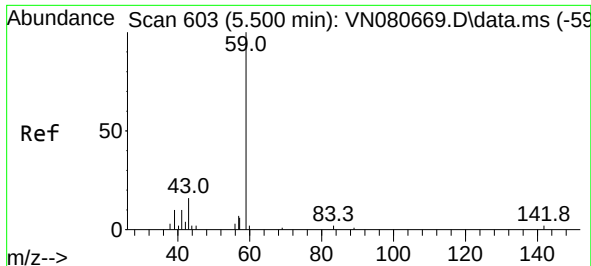
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#22
cis-1,2-Dichloroethene
Concen: 104.433 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

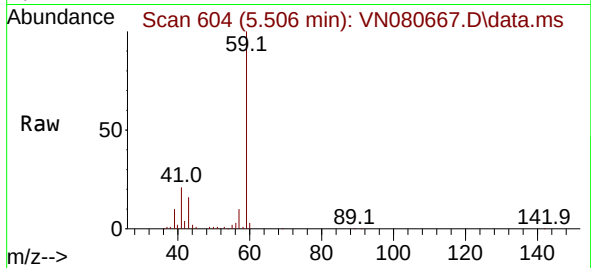
Tgt Ion: 96 Resp: 322757
Ion Ratio Lower Upper
96 100
61 172.1 113.5 170.3#
98 63.7 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 512.404 ug/l
RT: 5.506 min Scan# 603
Delta R.T. 0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

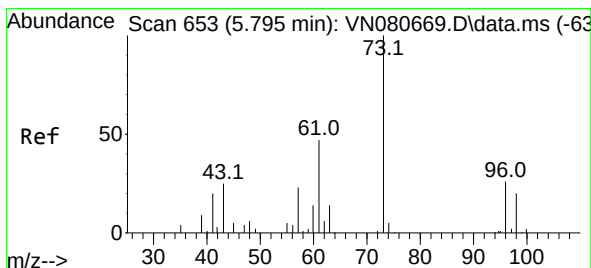
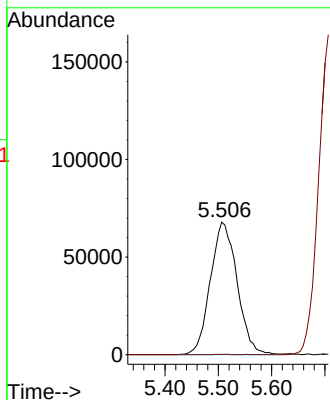
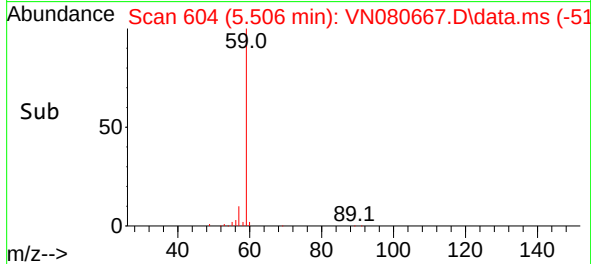
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 59 Resp: 236688
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

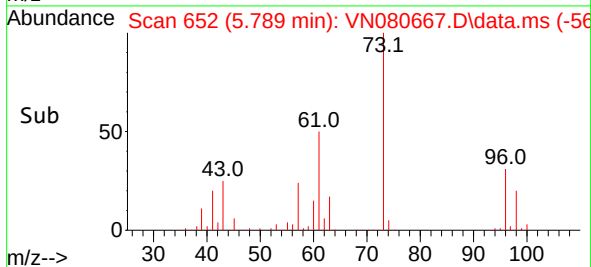
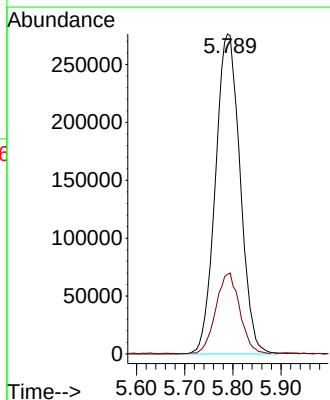
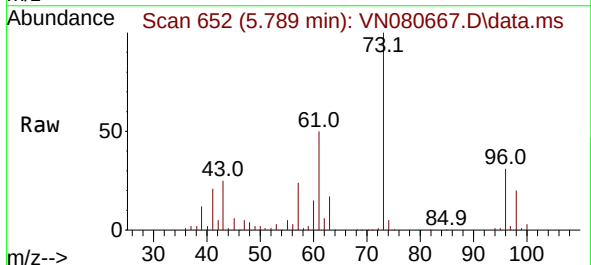
Manual Integrations
APPROVED

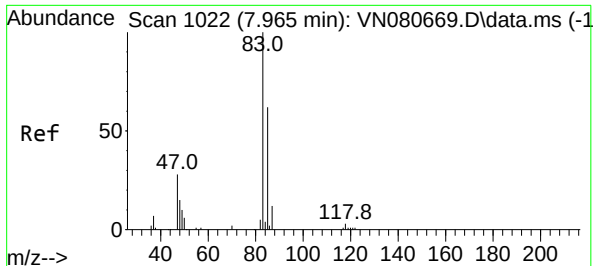
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#24
Methyl tert-Butyl Ether
Concen: 108.015 ug/l m
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

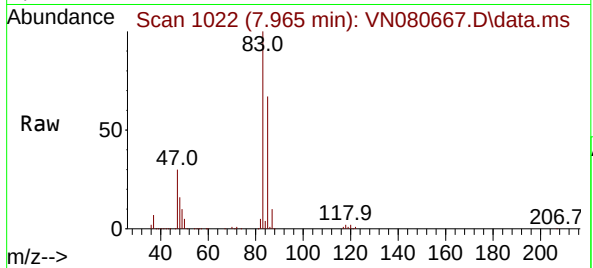
Tgt Ion: 73 Resp: 981060
Ion Ratio Lower Upper
73 100
43 0.0 13.4 20.2#





#25
Chloroform
Concen: 105.267 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

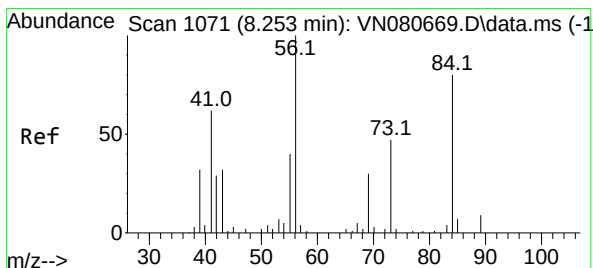
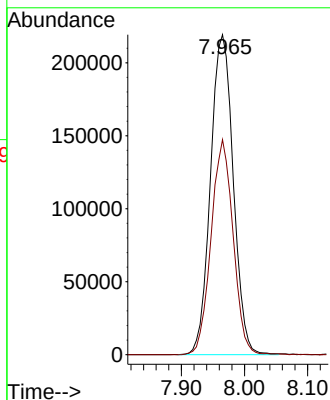
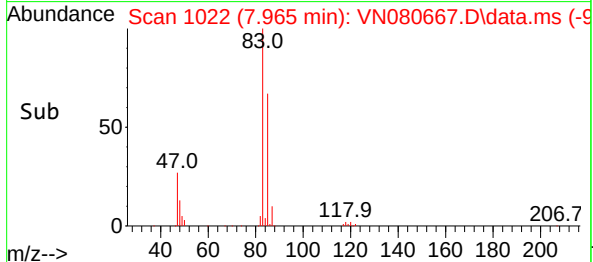
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 549130
Ion Ratio Lower Upper
83 100
85 67.2 50.9 76.3

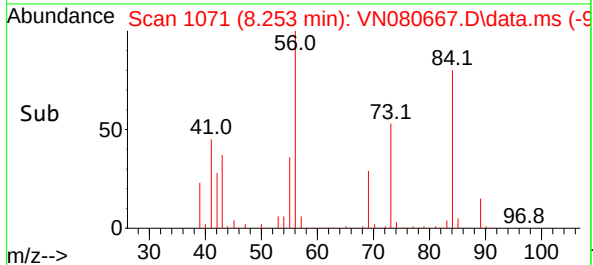
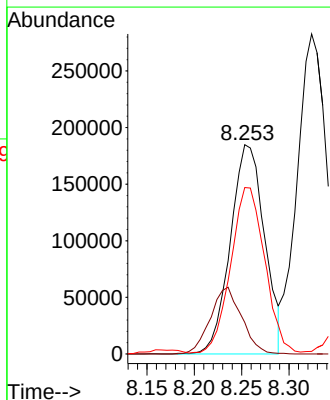
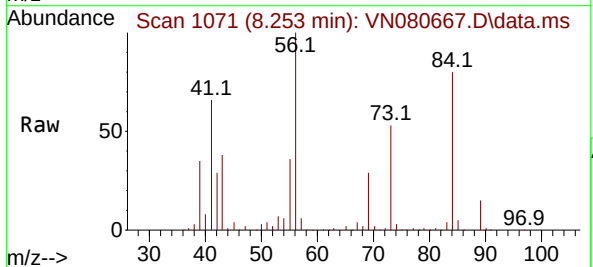
Manual Integrations
APPROVED

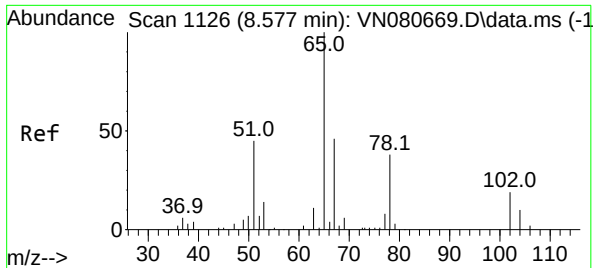
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#26
Cyclohexane
Concen: 105.247 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 56 Resp: 463723
Ion Ratio Lower Upper
56 100
89 29.2 19.3 28.9#
84 78.4 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 28.693 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

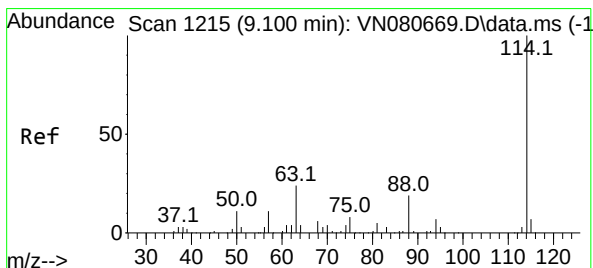
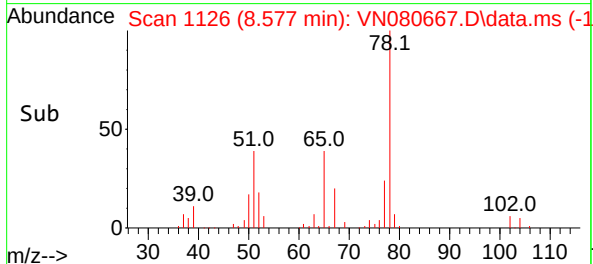
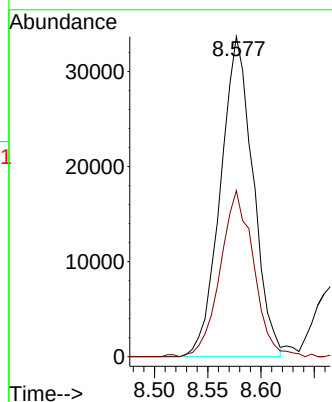
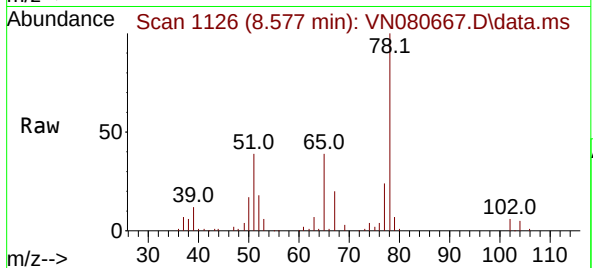
VSTDIC100

Tgt Ion: 65 Resp: 71458
Ion Ratio Lower Upper
65 100
67 53.1 43.2 64.8

Manual Integrations

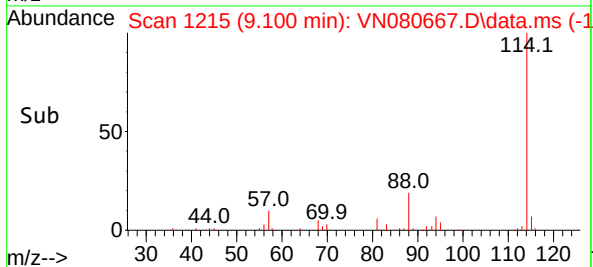
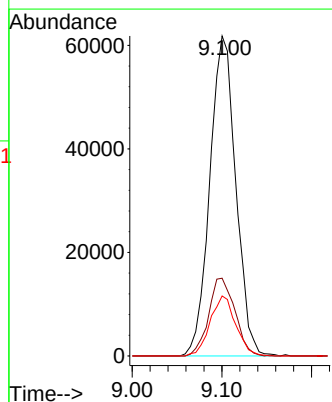
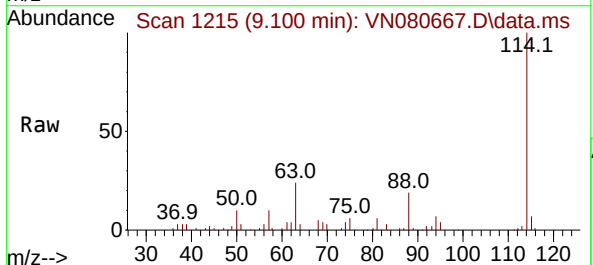
APPROVED

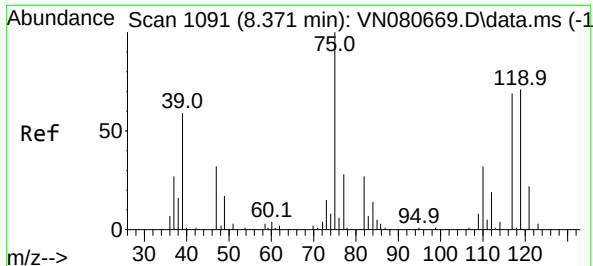
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion:114 Resp: 124465
Ion Ratio Lower Upper
114 100
63 24.5 15.9 23.9#
88 18.4 12.7 19.1





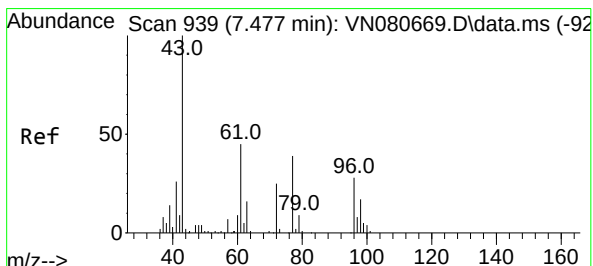
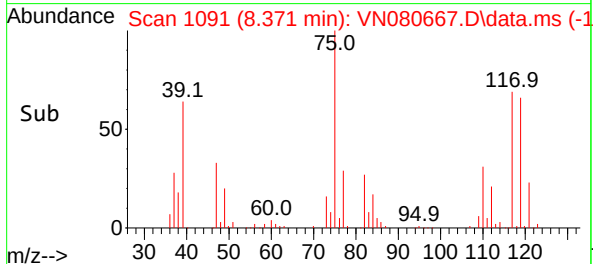
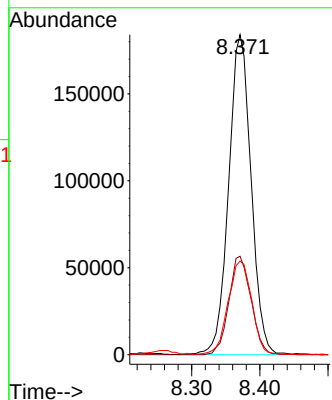
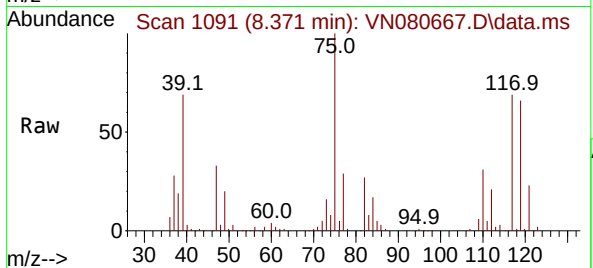
#29
1,1-Dichloropropene
Concen: 111.121 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 420425
Ion Ratio Lower Upper
75 100
110 30.4 0.0 70.2
77 30.9 0.0 61.4

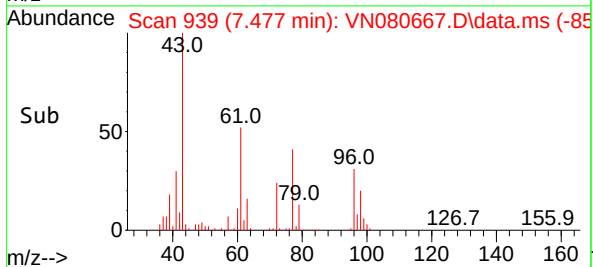
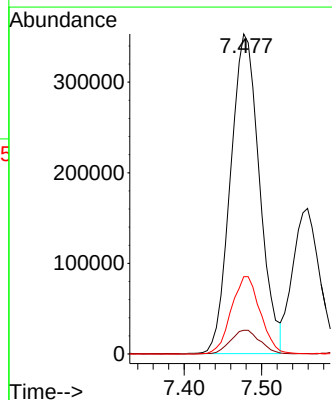
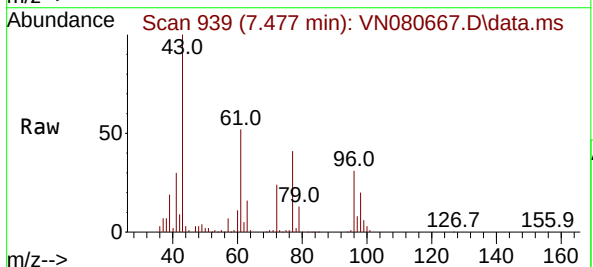
Manual Integrations
APPROVED

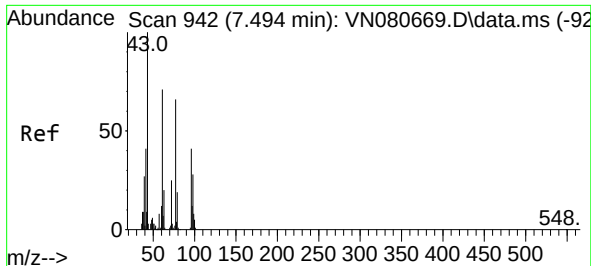
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#30
2-Butanone
Concen: 549.605 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 43 Resp: 920152
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: 113.146 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 514268

Ion Ratio Lower Upper

77 100

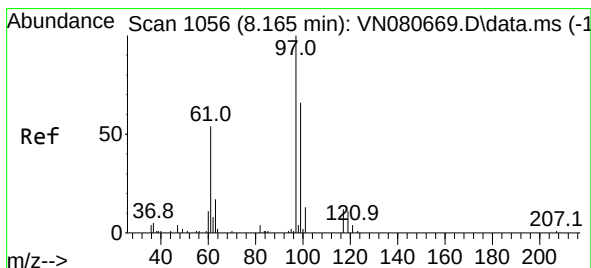
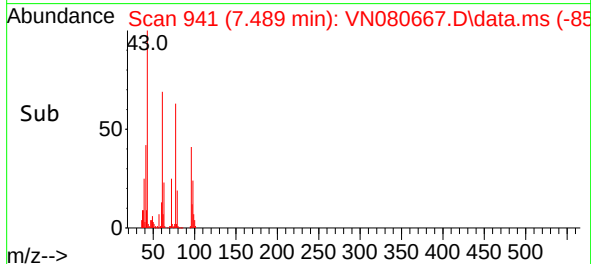
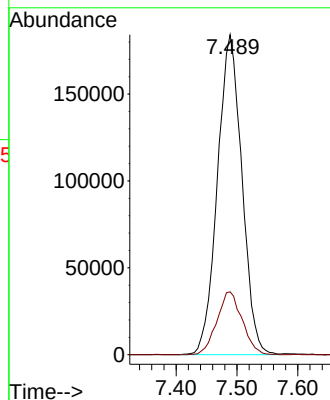
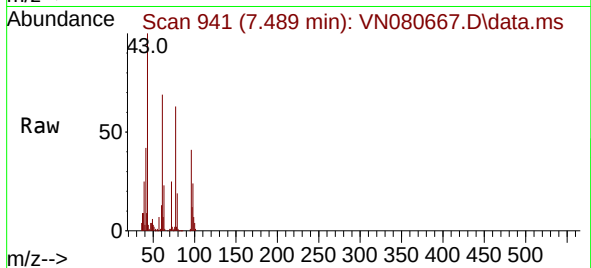
97 20.2 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#32

1,1,1-Trichloroethane

Concen: 114.213 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

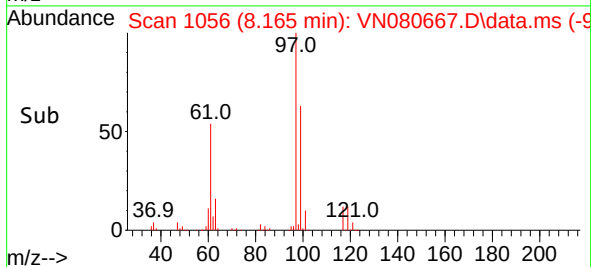
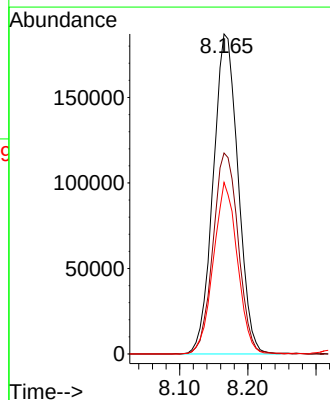
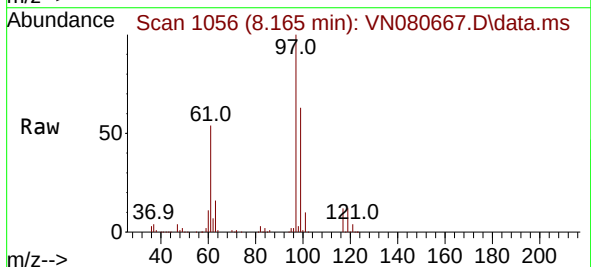
Tgt Ion: 97 Resp: 475488

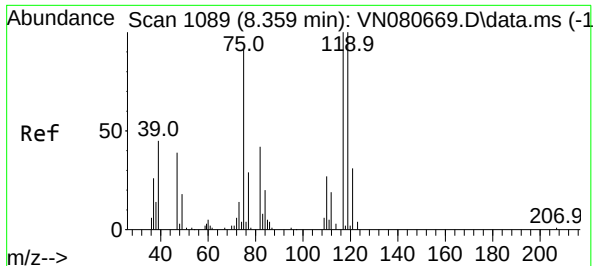
Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

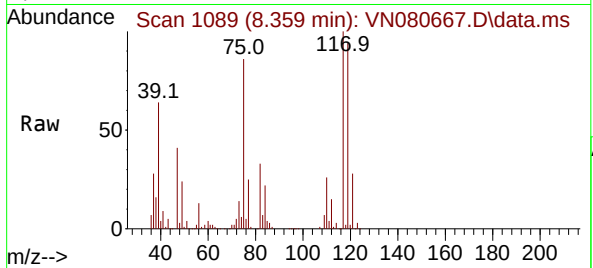
61 51.7 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 115.469 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

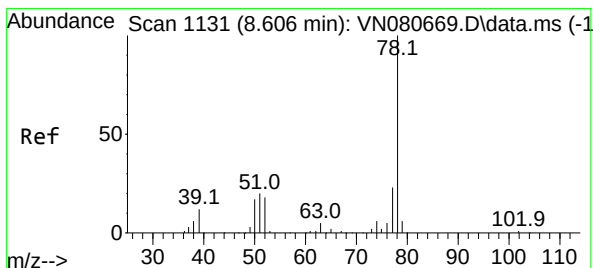
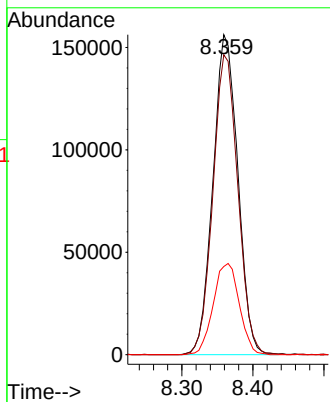
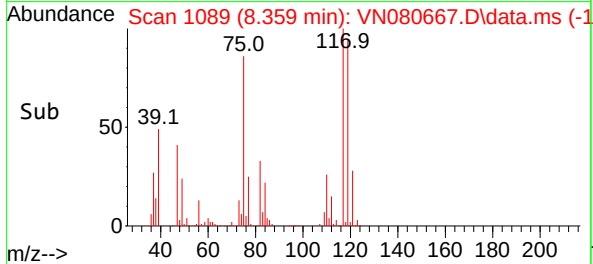
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 379659
Ion Ratio Lower Upper
117 100
119 93.7 77.7 116.5
121 27.5 27.0 40.6

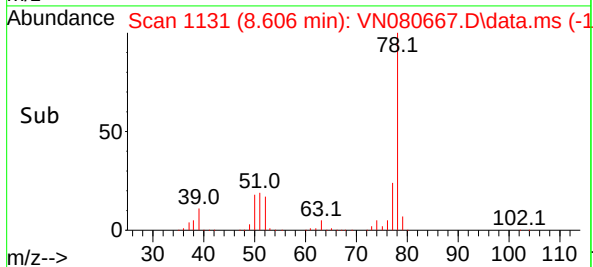
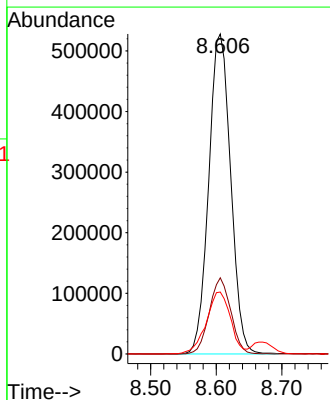
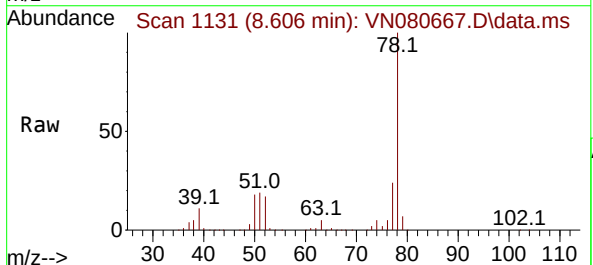
Manual Integrations
APPROVED

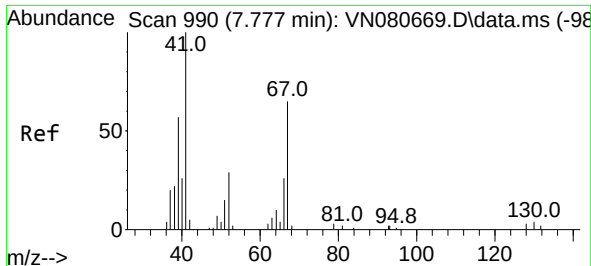
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#34
Benzene
Concen: 109.291 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

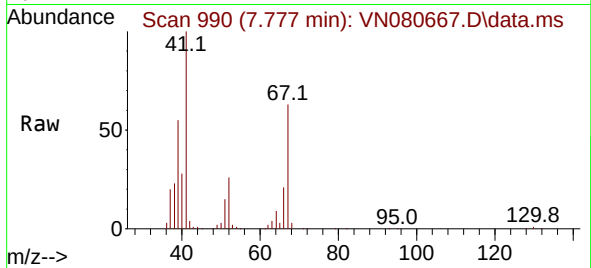
Tgt Ion: 78 Resp: 1226495
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8
51 19.3 13.3 19.9





#35
Methacrylonitrile
Concen: 112.081 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

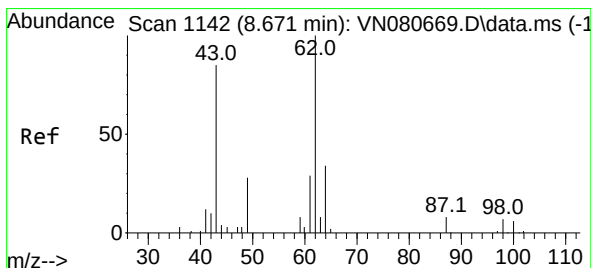
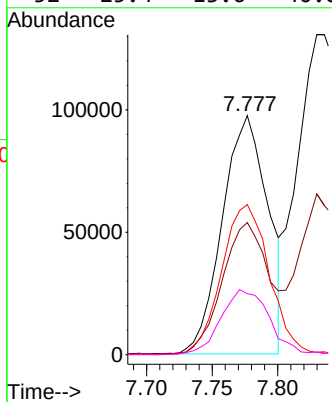
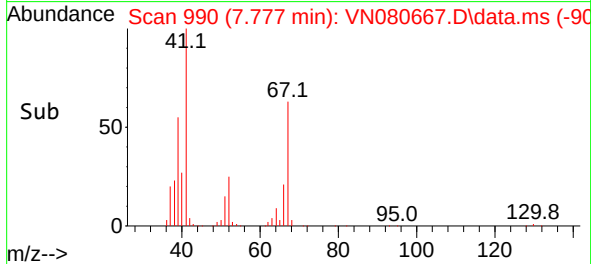
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



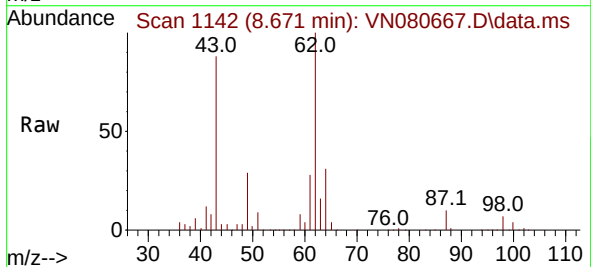
Tgt Ion: 41 Resp: 235464
Ion Ratio Lower Upper
41 100
39 54.7 25.3 75.9
67 62.6 38.7 116.1
52 25.4 13.6 40.8

Manual Integrations
APPROVED

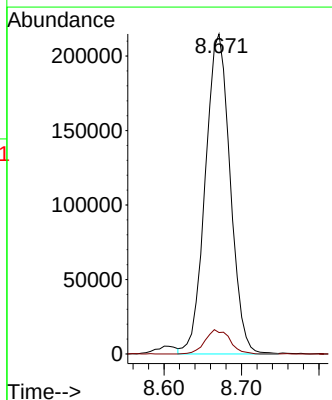
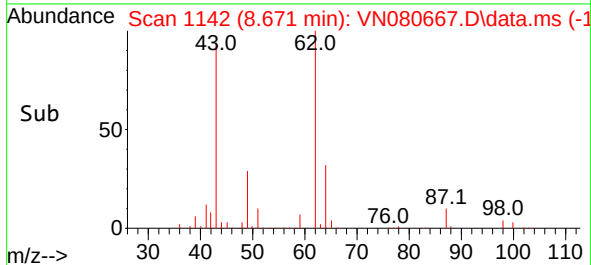
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

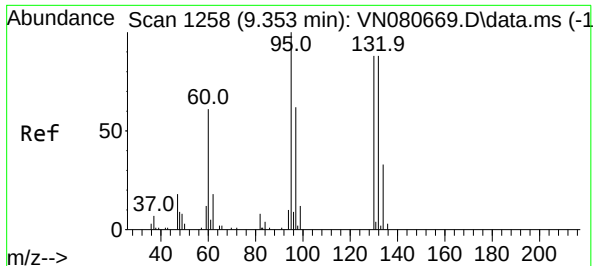


#36
1,2-Dichloroethane
Concen: 115.974 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



Tgt Ion: 62 Resp: 478560
Ion Ratio Lower Upper
62 100
98 7.5 8.2 12.4#





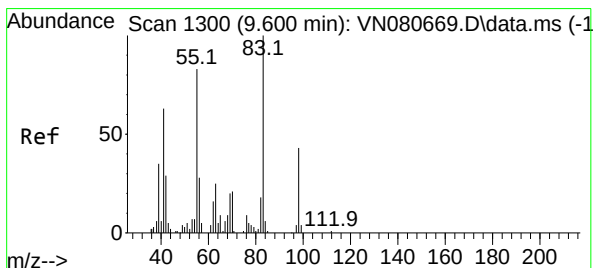
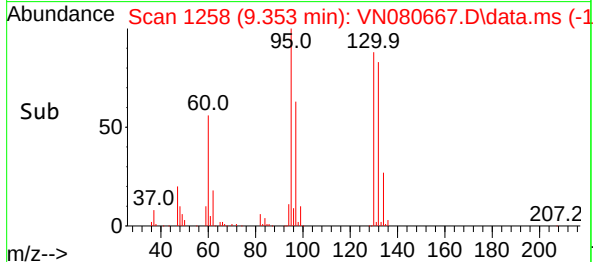
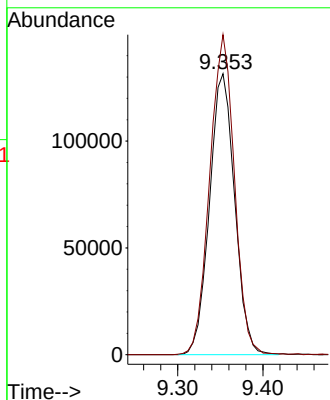
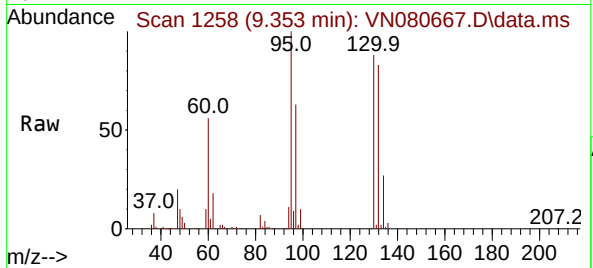
#37
Trichloroethene
Concen: 110.489 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 270418
Ion Ratio Lower Upper
130 100
95 113.8 80.2 120.4

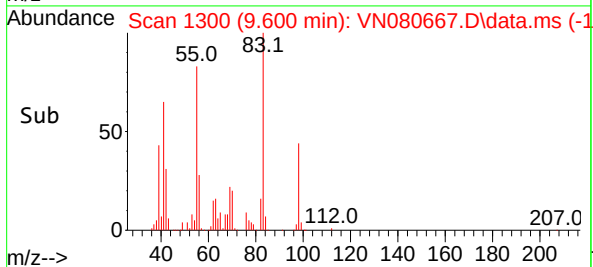
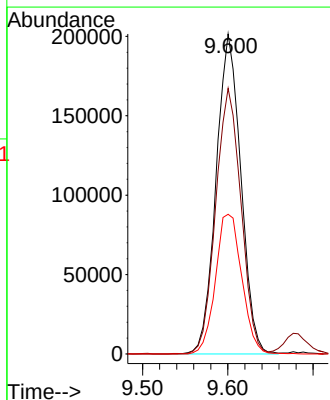
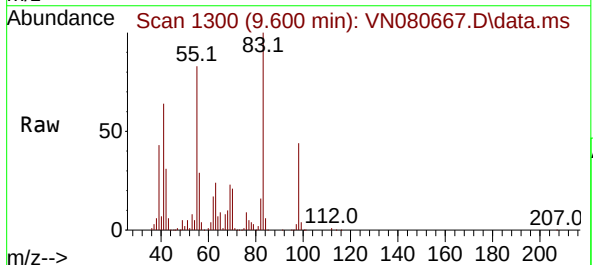
Manual Integrations
APPROVED

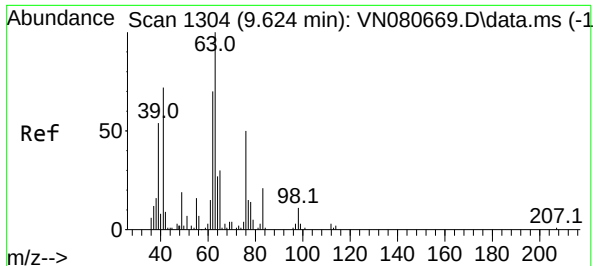
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#38
Methylcyclohexane
Concen: 110.185 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

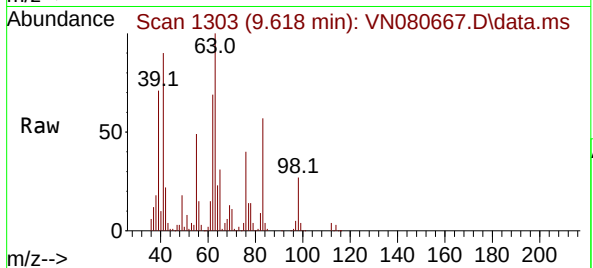
Tgt Ion: 83 Resp: 406135
Ion Ratio Lower Upper
83 100
55 84.5 36.6 109.9
98 46.5 23.8 71.5





#39
1,2-Dichloropropane
Concen: 111.805 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

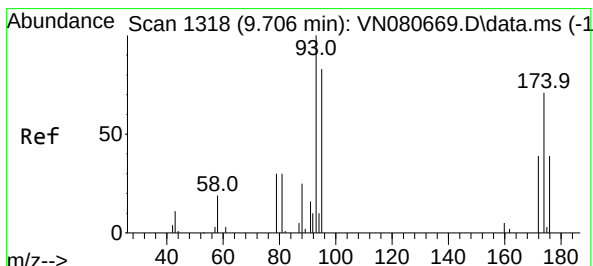
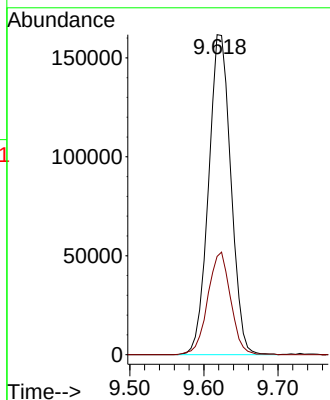
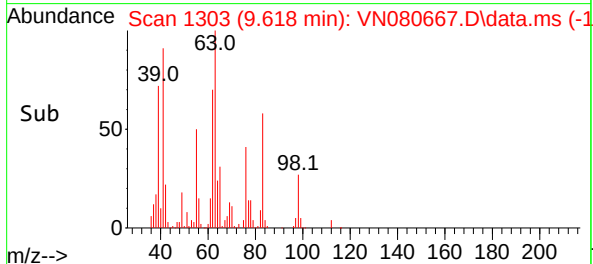
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



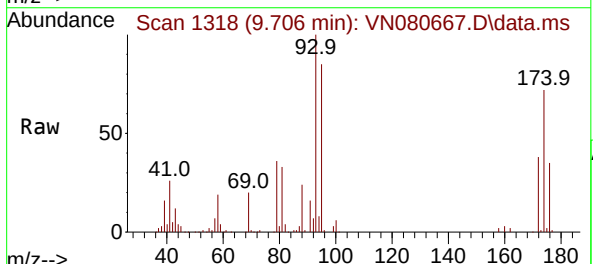
Tgt Ion: 63 Resp: 338184
Ion Ratio Lower Upper
63 100
65 30.7 25.0 37.4

Manual Integrations
APPROVED

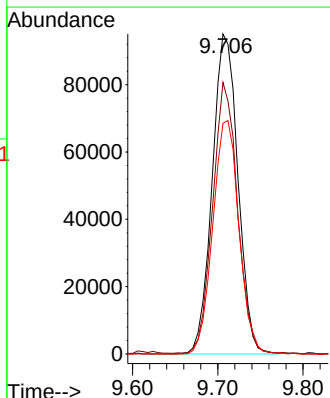
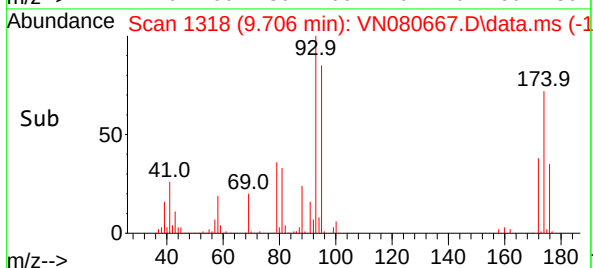
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

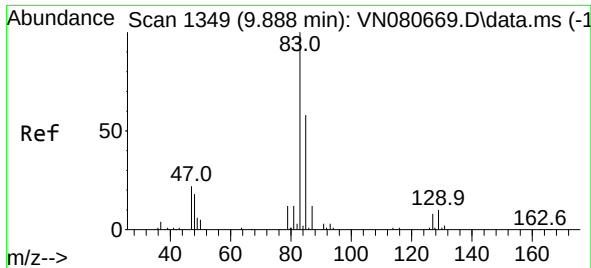


#40
Dibromomethane
Concen: 110.746 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



Tgt Ion: 93 Resp: 199313
Ion Ratio Lower Upper
93 100
95 81.8 0.0 164.6
174 74.2 0.0 193.2





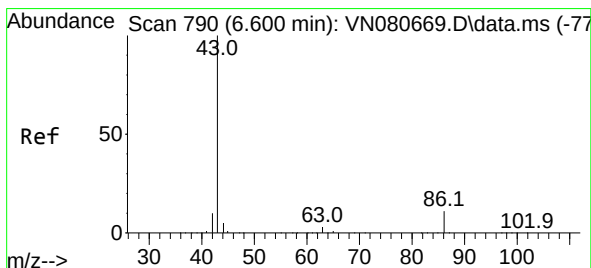
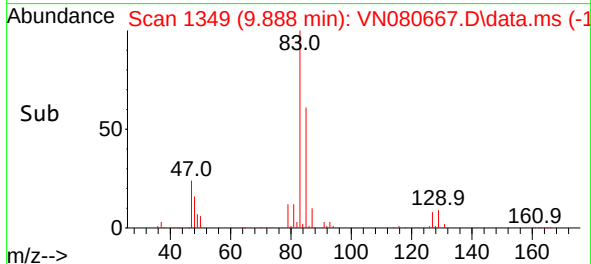
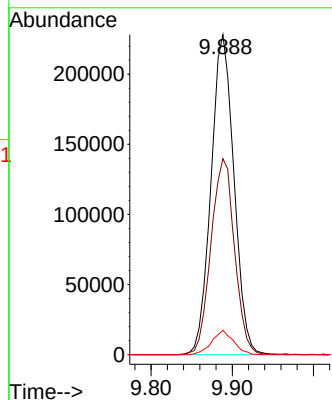
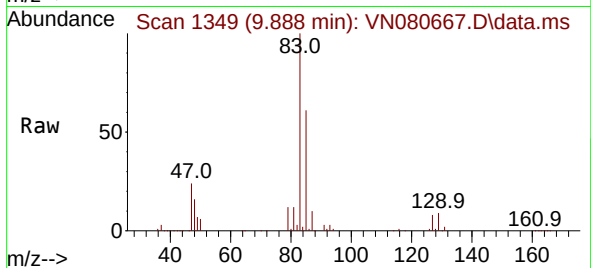
#41
Bromodichloromethane
Concen: 113.704 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 447815
Ion Ratio Lower Upper
83 100
85 61.1 49.4 74.2
127 7.7 7.3 10.9

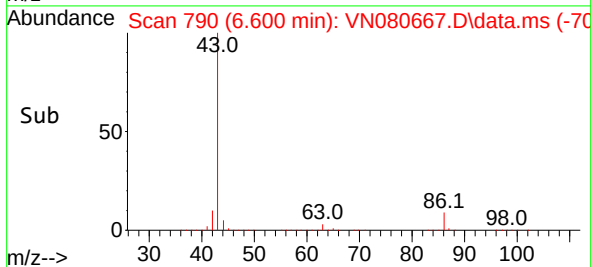
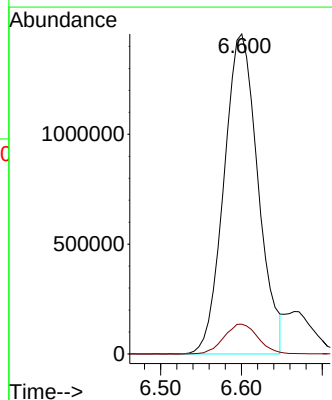
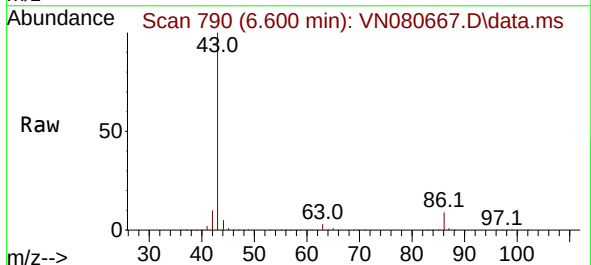
Manual Integrations
APPROVED

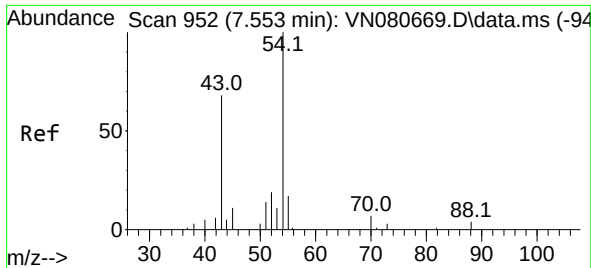
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#42
Vinyl Acetate
Concen: 547.820 ug/l m
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 43 Resp: 4262783
Ion Ratio Lower Upper
43 100
86 0.0 9.4 14.2#





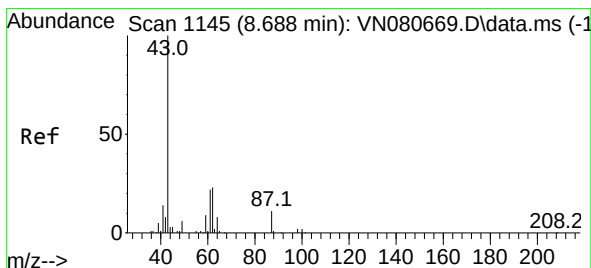
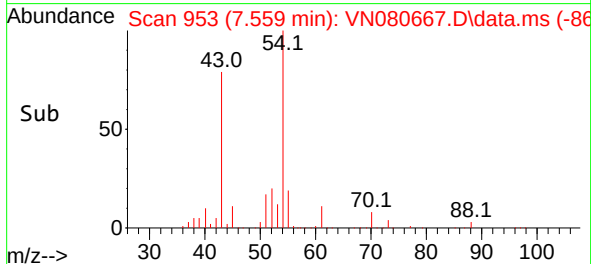
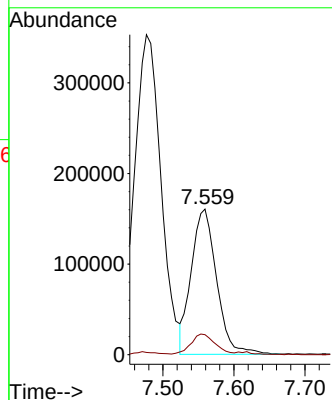
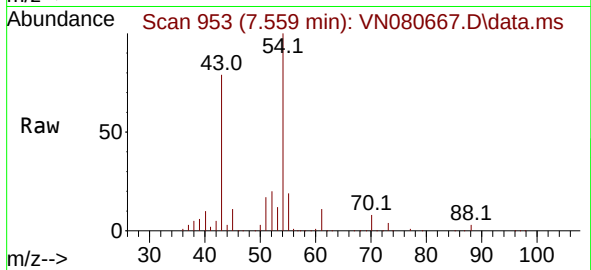
#43
Ethyl Acetate
Concen: 113.119 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 397680
Ion Ratio Lower Upper
43 100
45 13.8 10.6 15.8

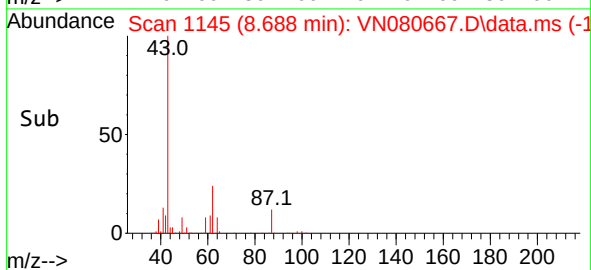
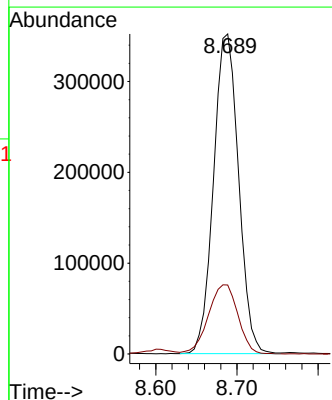
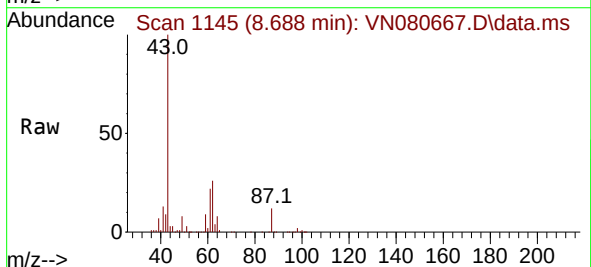
Manual Integrations
APPROVED

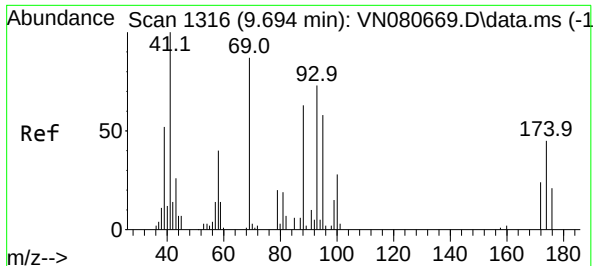
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#44
Isopropyl Acetate
Concen: 112.435 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

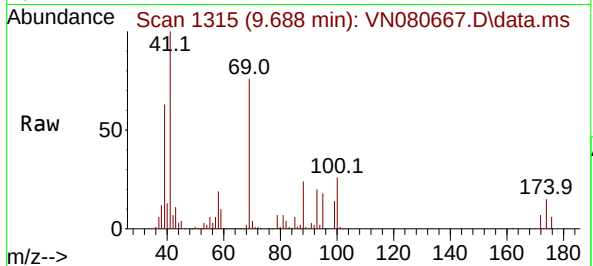
Tgt Ion: 43 Resp: 754546
Ion Ratio Lower Upper
43 100
61 25.6 25.0 37.4





#45
1,4-Dioxane
Concen: 2047.400 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

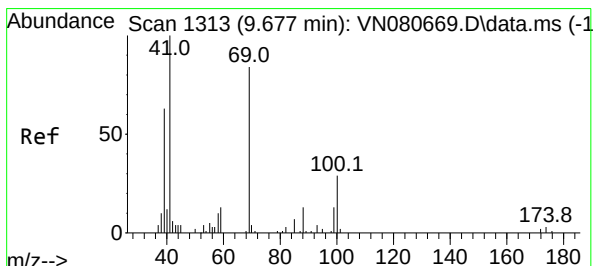
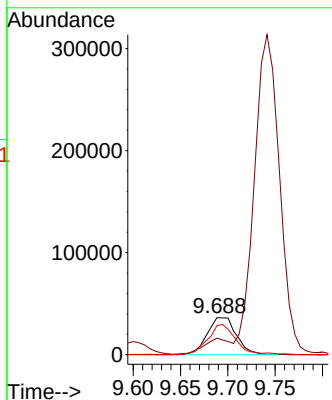
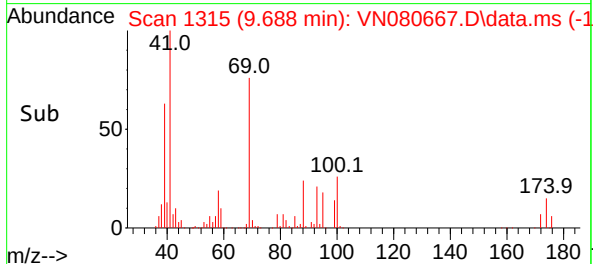
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 78144
Ion Ratio Lower Upper
88 100
43 38.5 19.8 29.6
58 75.0 55.4 83.0

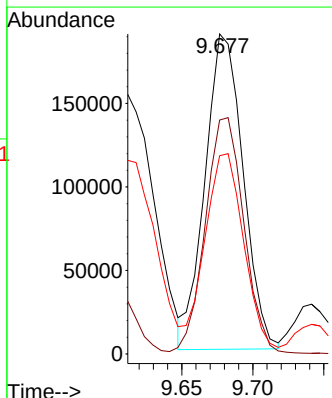
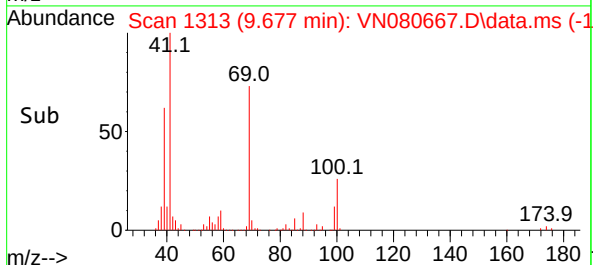
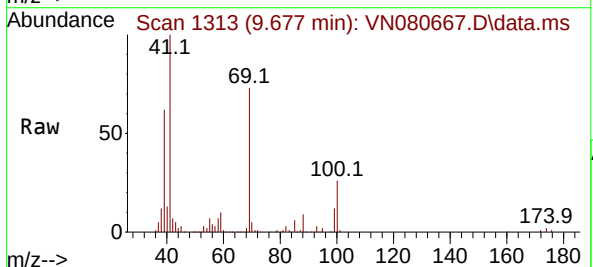
Manual Integrations
APPROVED

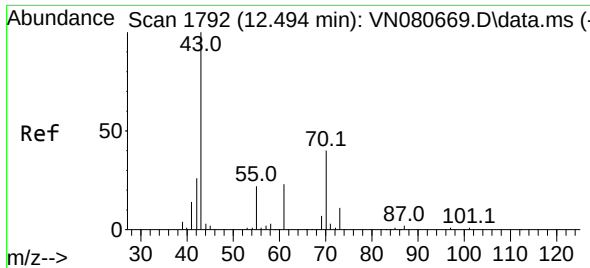
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#46
Methyl methacrylate
Concen: 111.673 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

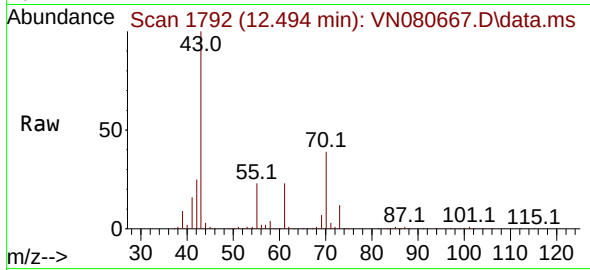
Tgt Ion: 41 Resp: 352897
Ion Ratio Lower Upper
41 100
69 74.7 51.1 153.3
39 62.0 25.8 77.3





#47
n-amyl acetate
Concen: 109.814 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

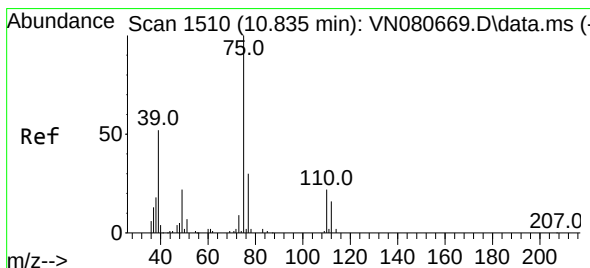
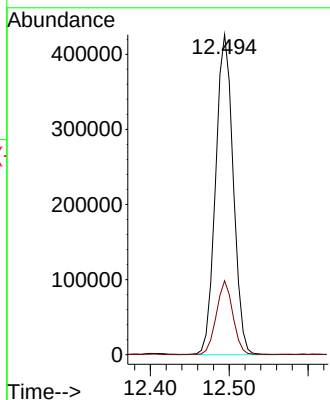
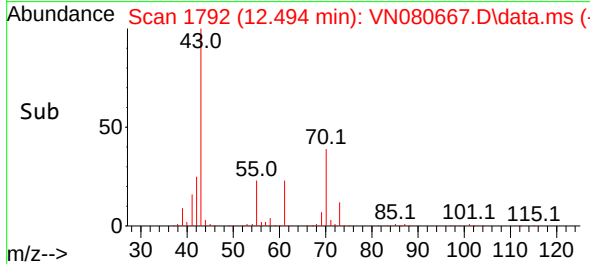
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



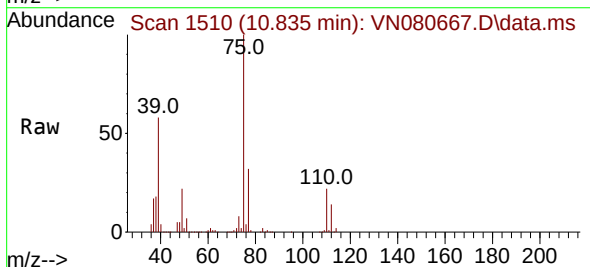
Tgt Ion: 43 Resp: 66075
Ion Ratio Lower Upper
43 100
55 0.1 23.4 35.2

Manual Integrations
APPROVED

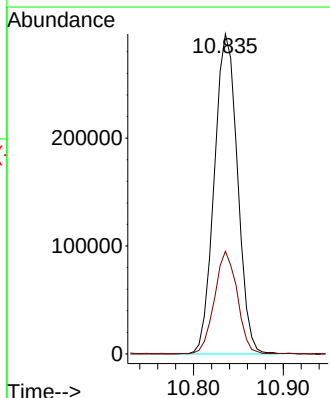
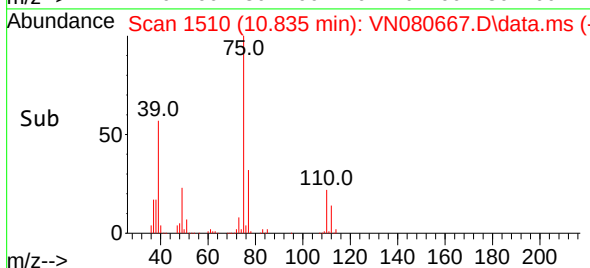
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

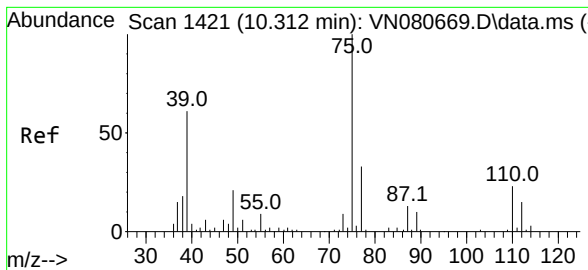


#48
t-1,3-Dichloropropene
Concen: 114.836 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



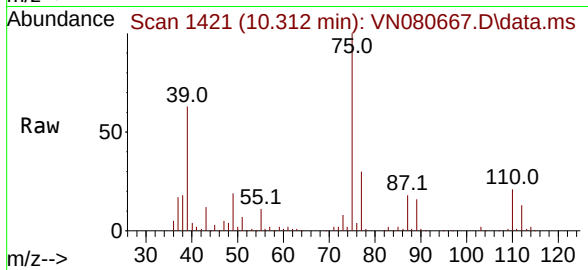
Tgt Ion: 75 Resp: 532905
Ion Ratio Lower Upper
75 100
77 32.0 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 112.275 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29

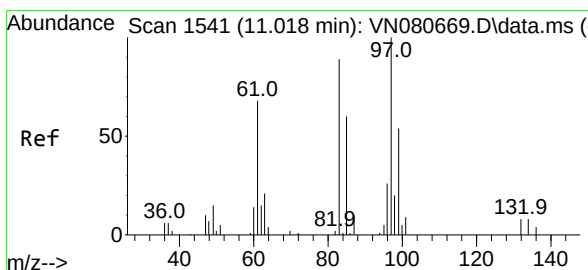
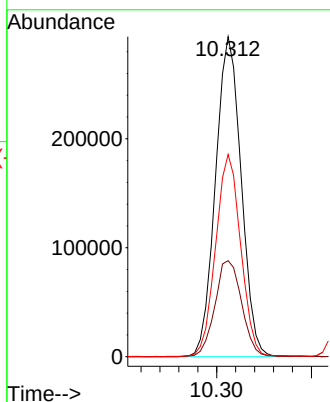
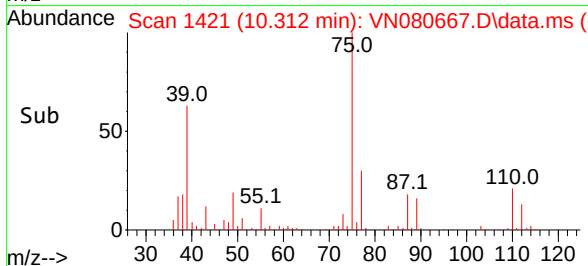
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 55301
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.9 37.3
 39 63.1 31.0 46.6

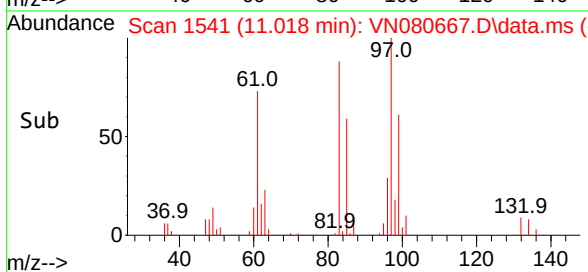
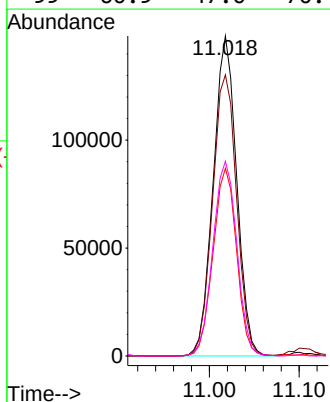
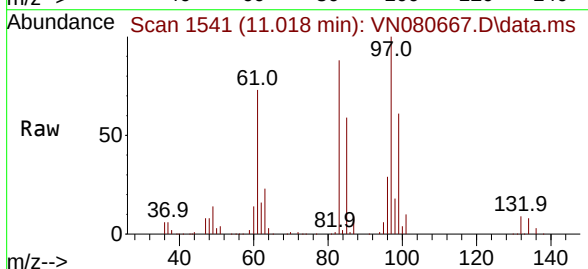
Manual Integrations
 APPROVED

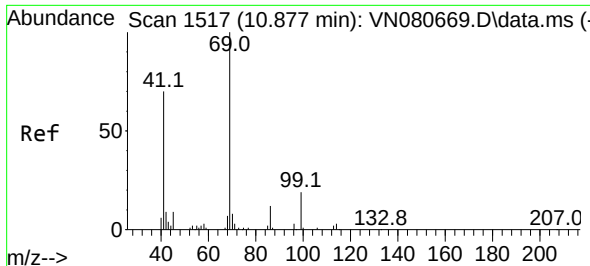
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 108.821 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29

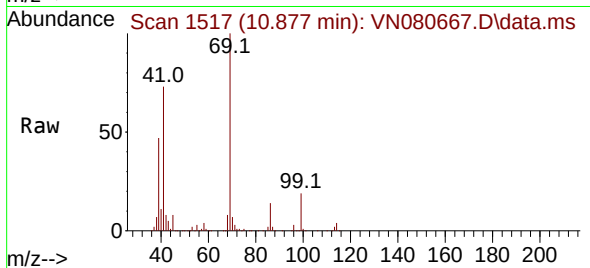
Tgt Ion: 97 Resp: 268965
 Ion Ratio Lower Upper
 97 100
 83 87.9 68.1 102.1
 85 58.7 41.8 62.6
 99 60.9 47.0 70.4





#51
Ethyl methacrylate
Concen: 111.145 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

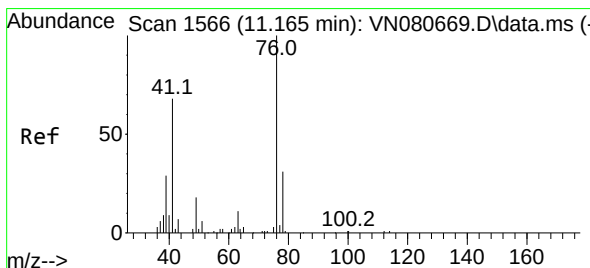
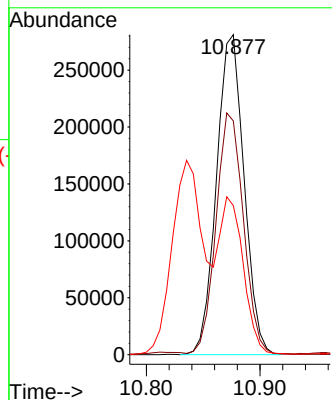
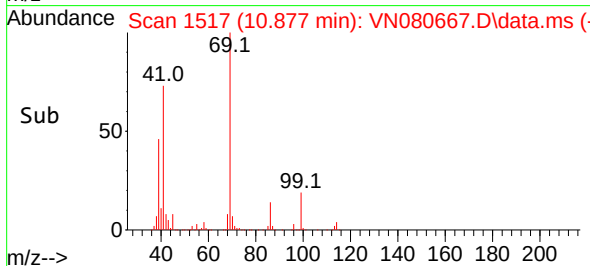
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



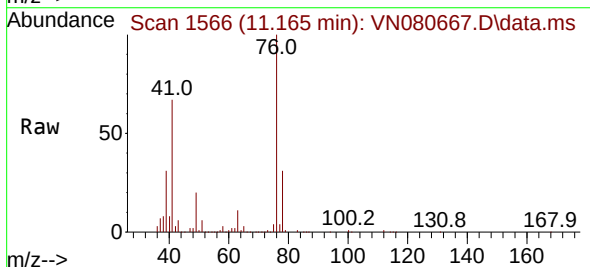
Tgt Ion: 69 Resp: 474882
Ion Ratio Lower Upper
69 100
41 72.8 25.5 76.5
39 46.3 16.0 47.9

Manual Integrations
APPROVED

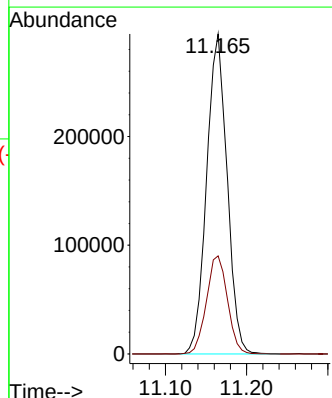
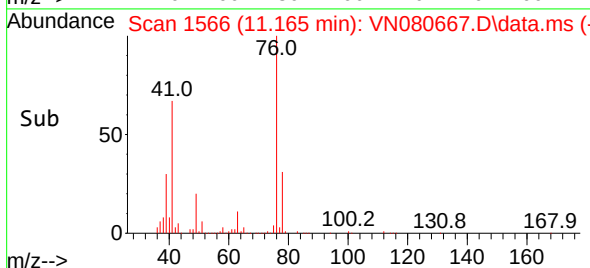
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

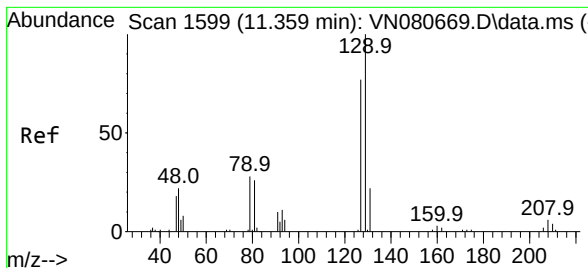


#52
1,3-Dichloropropane
Concen: 110.575 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



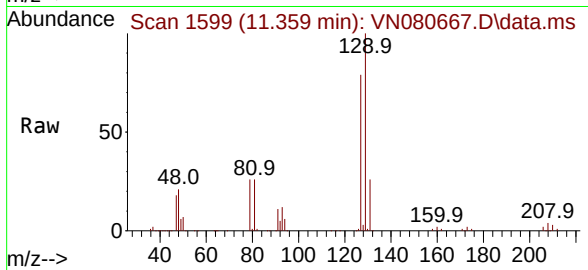
Tgt Ion: 76 Resp: 514507
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.8





#53
Dibromochloromethane
Concen: 114.226 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

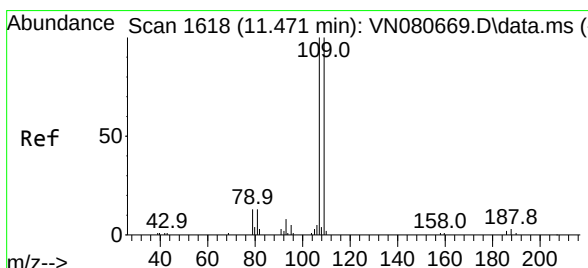
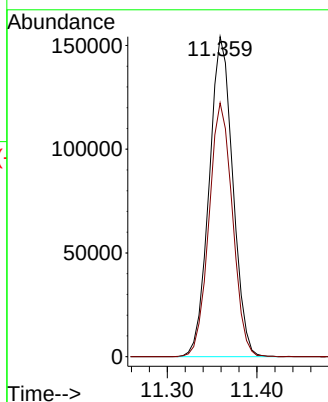
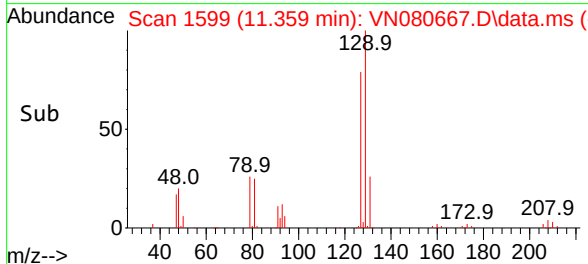
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



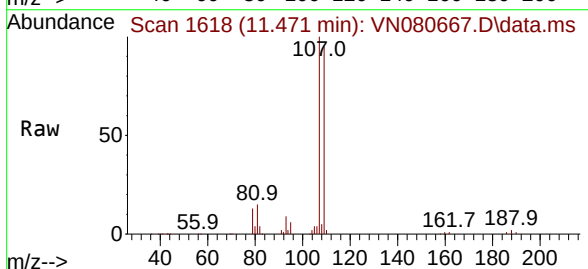
Tgt Ion:129 Resp: 282510
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.1

Manual Integrations
APPROVED

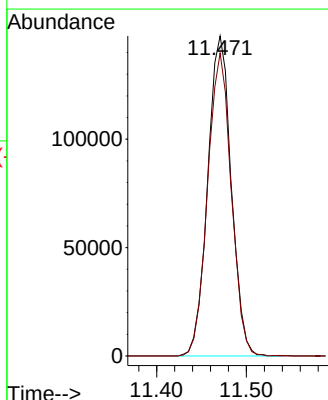
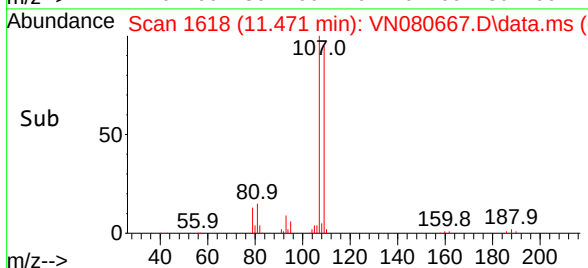
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

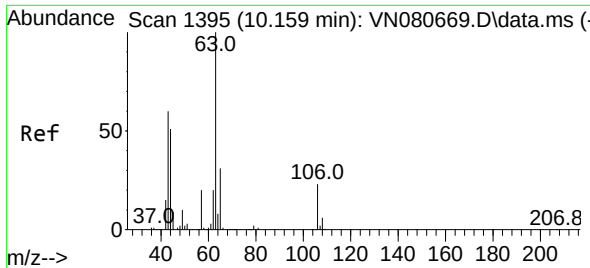


#54
1,2-Dibromoethane
Concen: 110.675 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



Tgt Ion:107 Resp: 268894
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1





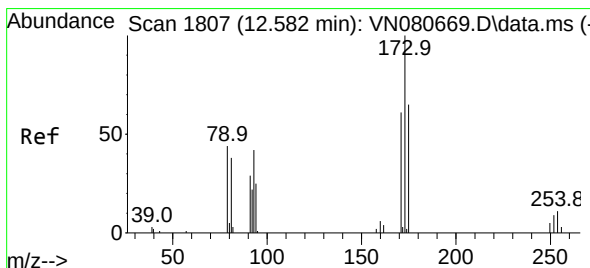
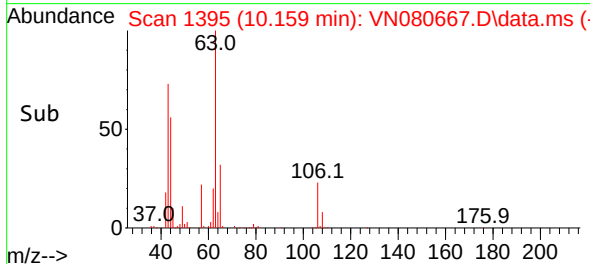
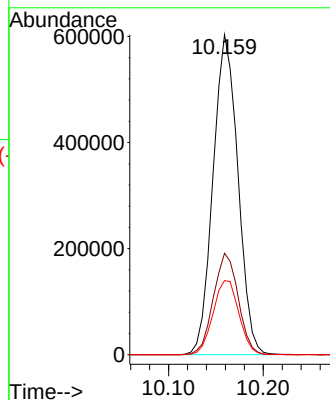
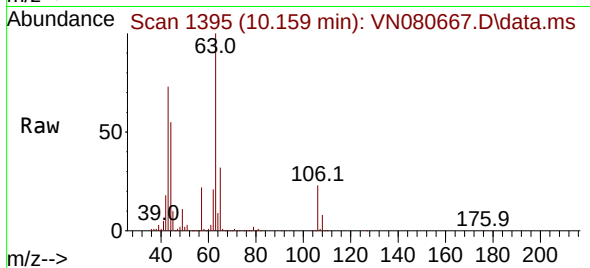
#55
2-Chloroethyl vinyl ether
Concen: 501.690 ug/l
RT: 10.159 min Scan# 110175
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 110175
Ion Ratio Lower Upper
63 100
65 31.6 26.2 39.2
106 24.1 23.8 35.8

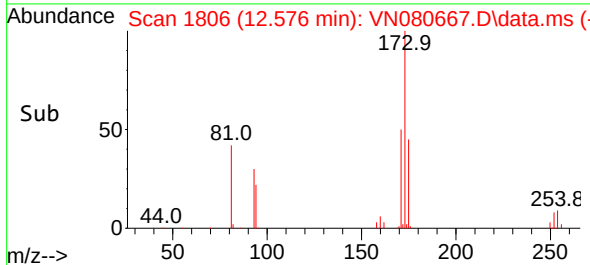
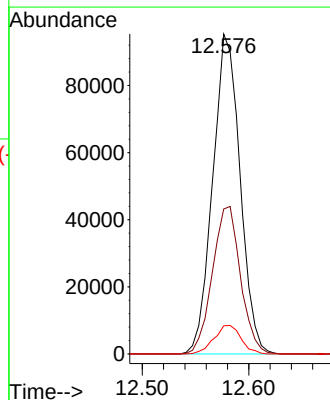
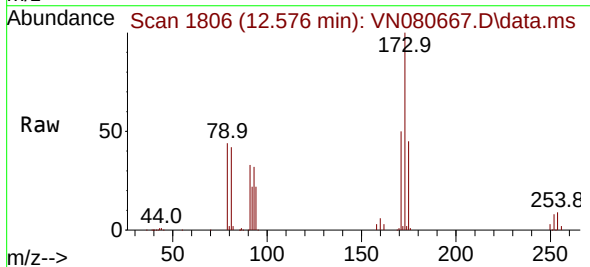
Manual Integrations
APPROVED

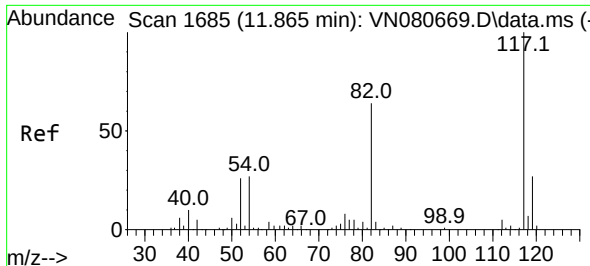
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#56
Bromoform
Concen: 116.276 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion:173 Resp: 169884
Ion Ratio Lower Upper
173 100
175 47.3 40.0 60.0
254 8.8 8.3 12.5





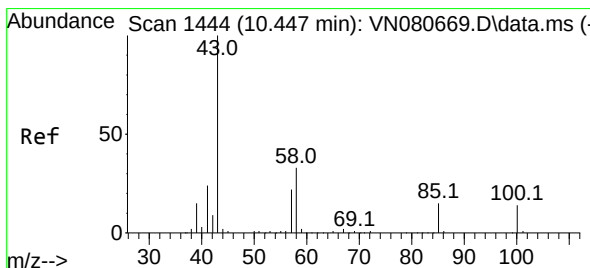
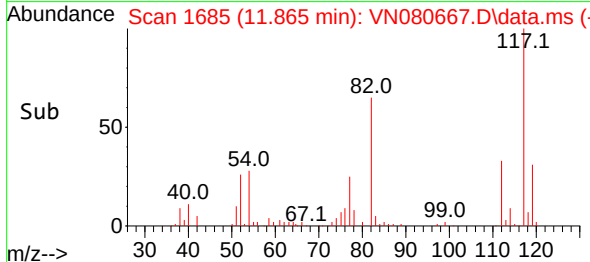
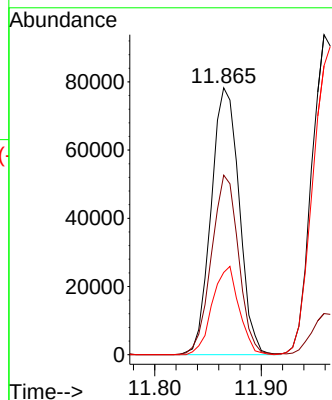
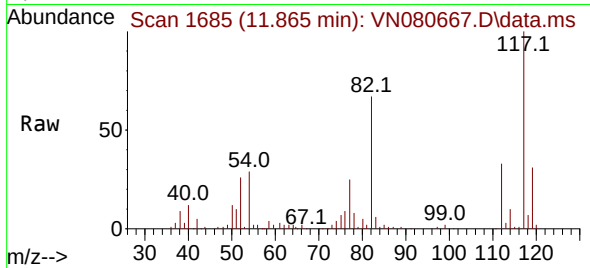
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 14310
Ion Ratio Lower Upper
117 100
82 65.4 46.6 69.8
119 31.5 25.4 38.2

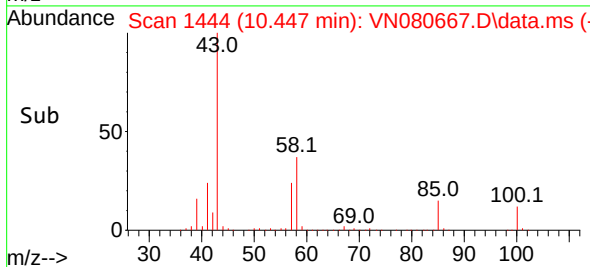
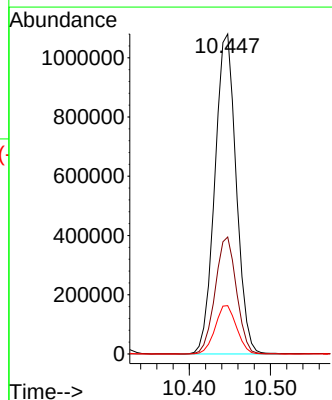
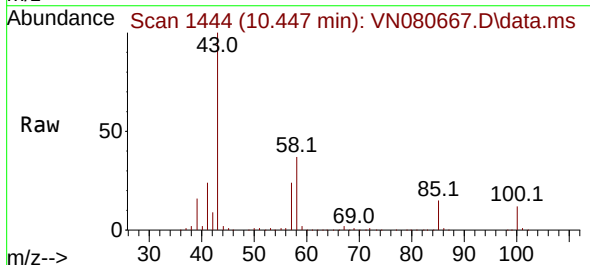
Manual Integrations
APPROVED

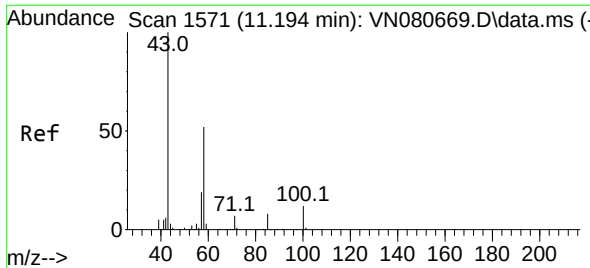
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#58
4-Methyl-2-Pentanone
Concen: 524.521 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

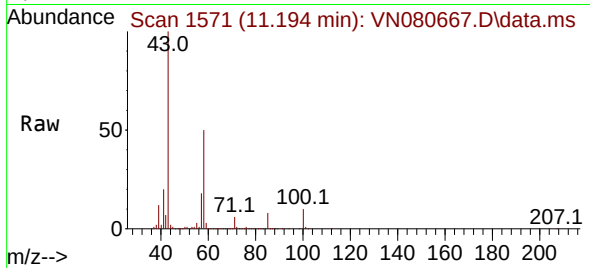
Tgt Ion: 43 Resp: 1974512
Ion Ratio Lower Upper
43 100
58 36.5 36.5 54.7
85 15.2 19.5 29.3#





#59
2-Hexanone
Concen: 529.232 ug/l
RT: 11.194 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

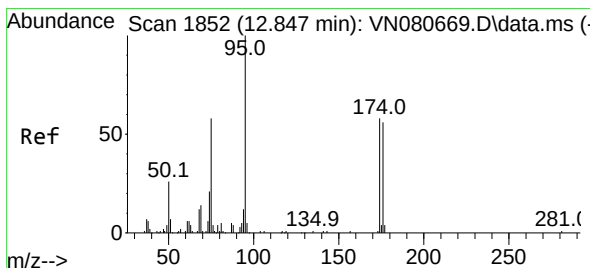
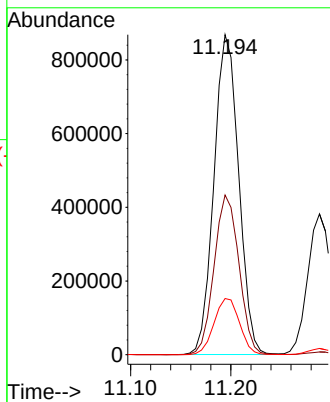
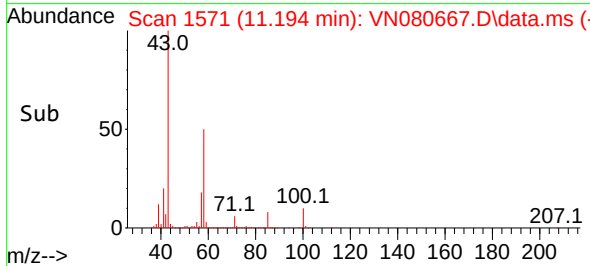
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



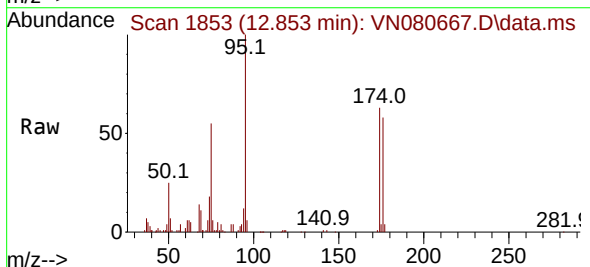
Tgt Ion: 43 Resp: 148747
Ion Ratio Lower Upper
43 100
58 50.2 50.4 75.6
57 18.1 18.6 27.8

Manual Integrations
APPROVED

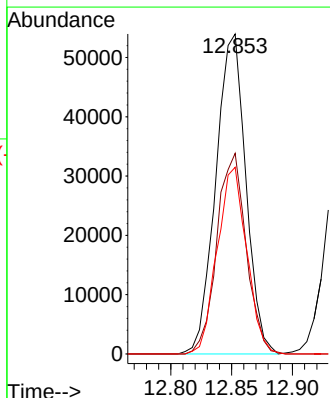
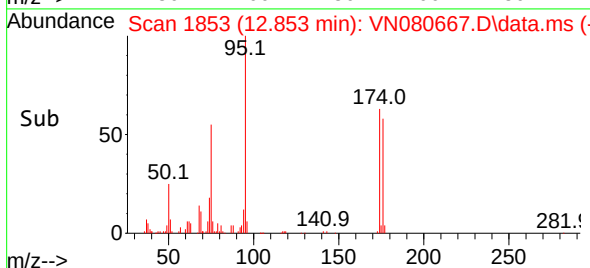
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

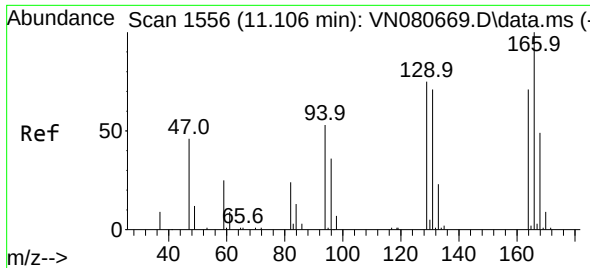


#60
4-Bromofluorobenzene
Concen: 29.301 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



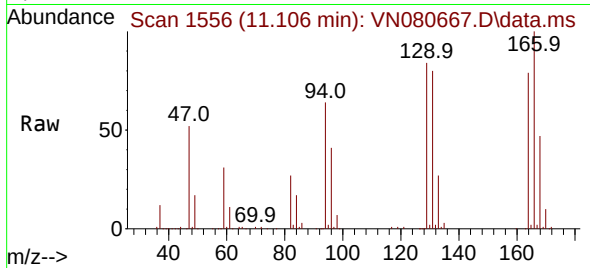
Tgt Ion: 95 Resp: 92754
Ion Ratio Lower Upper
95 100
174 61.0 60.5 90.7
176 57.2 57.8 86.6





#61
Tetrachloroethene
Concen: 107.534 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

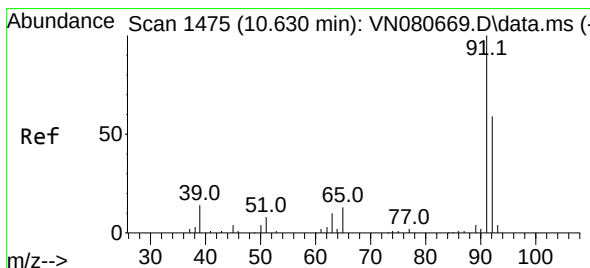
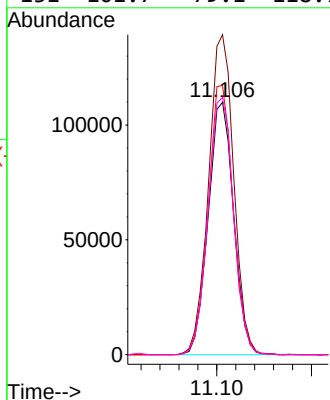
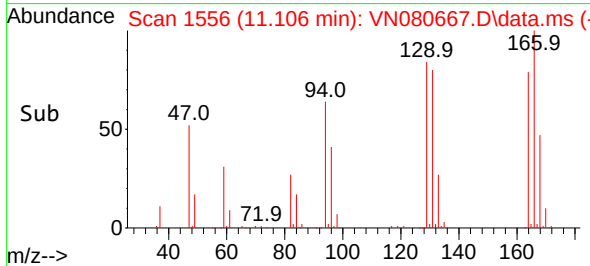
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



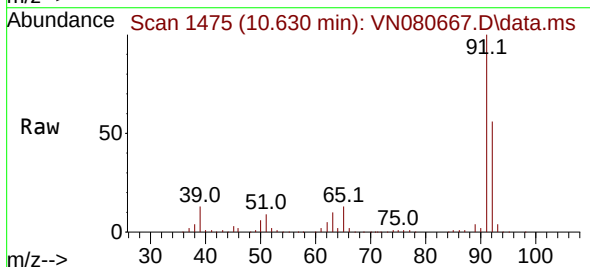
Tgt Ion:164 Resp: 204840
Ion Ratio Lower Upper
164 100
166 126.7 106.7 160.1
129 106.6 85.8 128.6
131 101.7 79.1 118.7

Manual Integrations
APPROVED

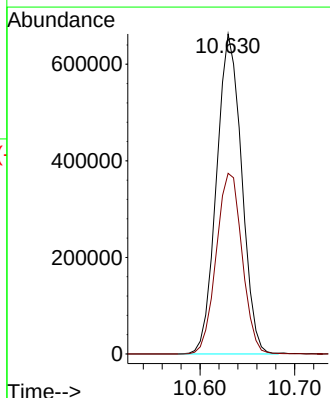
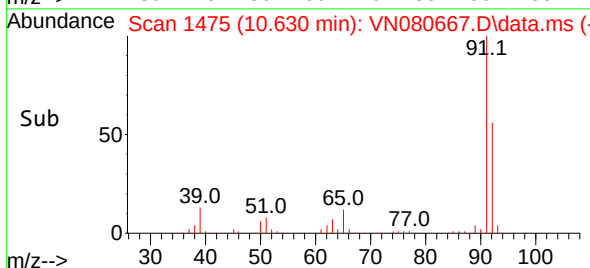
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

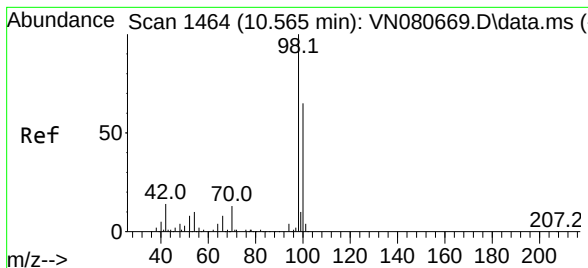


#62
Toluene
Concen: 106.242 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



Tgt Ion: 91 Resp: 1222819
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7





#63

Toluene-d8

Concen: 29.240 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 98 Resp: 18363

Ion Ratio Lower Upper

98 100

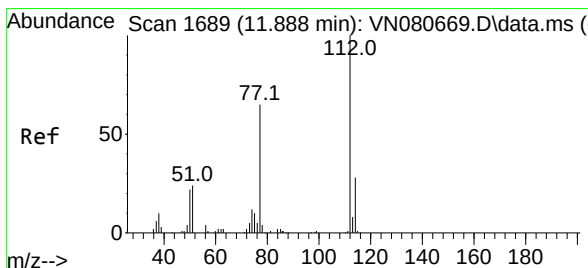
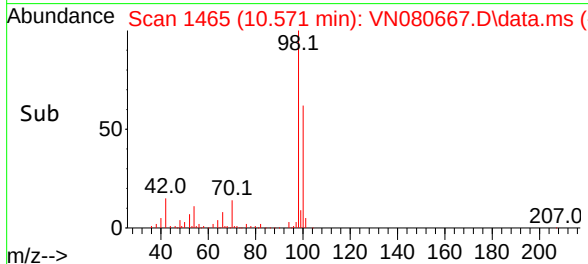
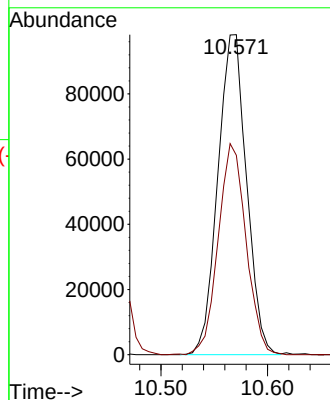
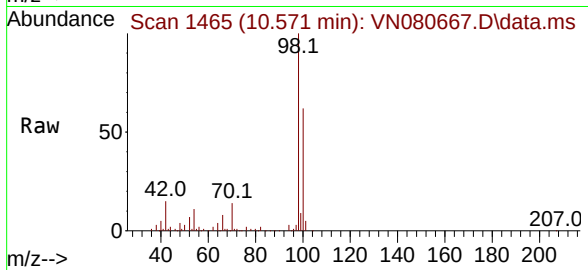
100 64.1 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#64

Chlorobenzene

Concen: 107.129 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.006 min

Lab File: VN080667.D

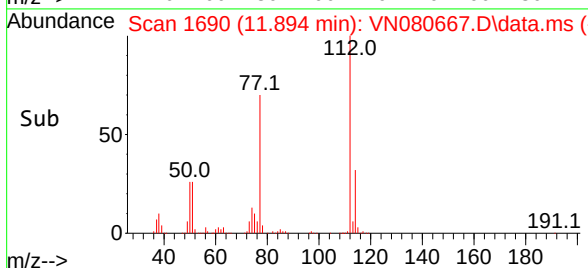
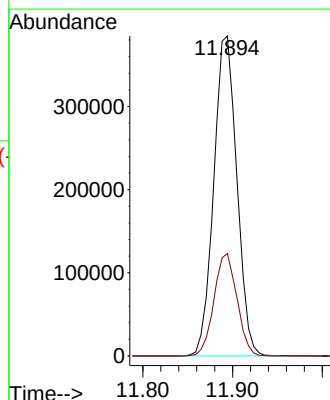
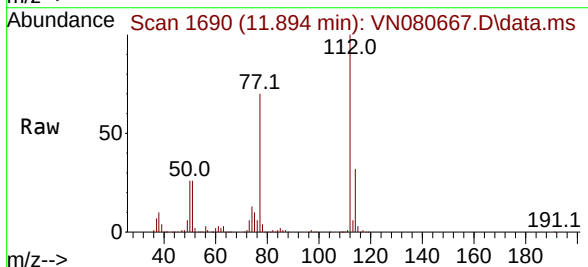
Acq: 11 Jan 2024 10:29

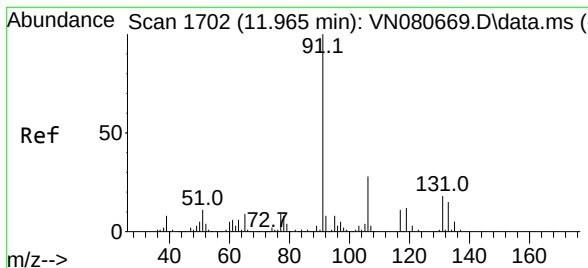
Tgt Ion:112 Resp: 686772

Ion Ratio Lower Upper

112 100

114 32.0 26.6 39.8





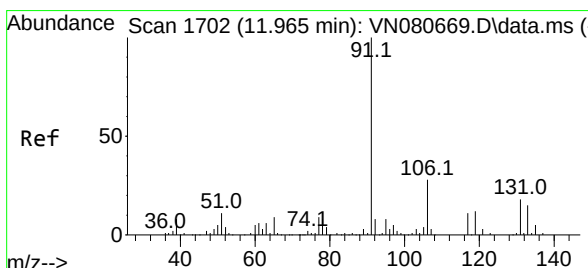
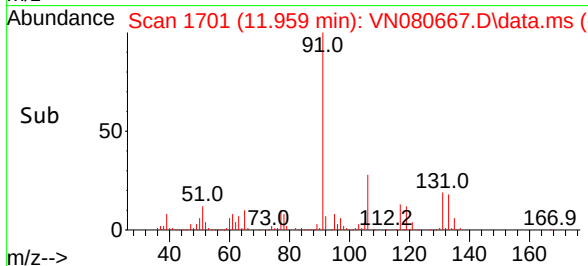
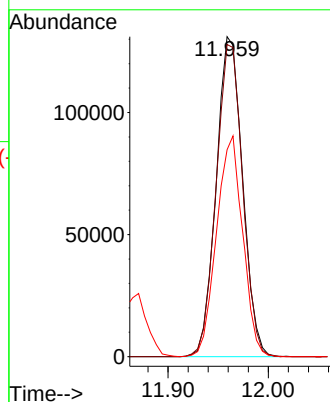
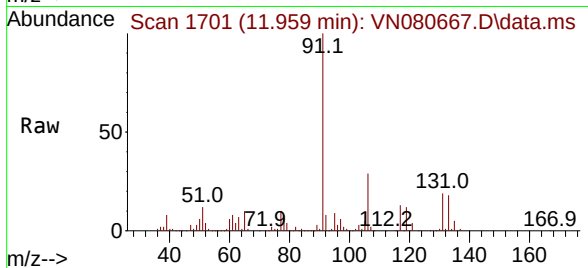
#65
1,1,1,2-Tetrachloroethane
Concen: 103.843 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 23918
Ion Ratio Lower Upper
131 100
133 97.8 0.0 188.0
119 68.4 0.0 122.8

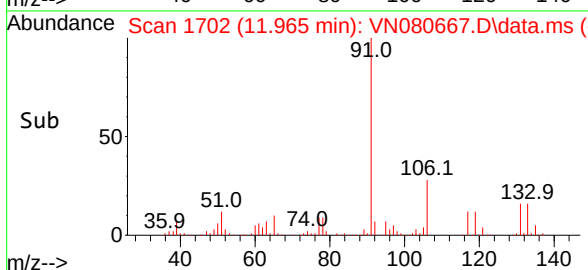
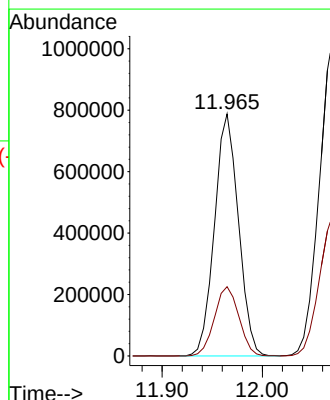
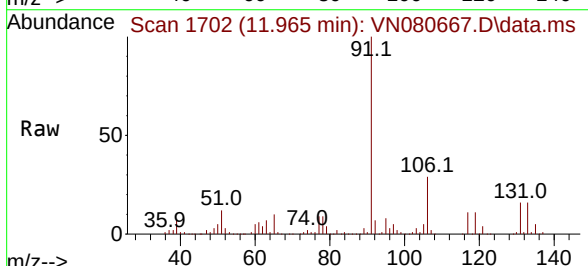
Manual Integrations
APPROVED

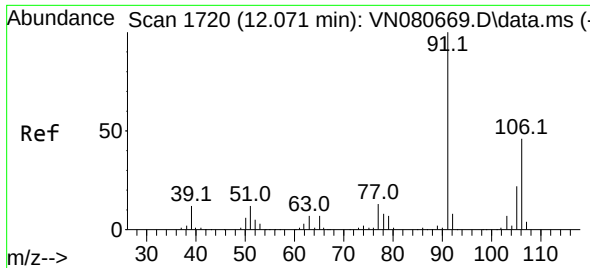
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#66
Ethyl Benzene
Concen: 107.865 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 91 Resp: 1305776
Ion Ratio Lower Upper
91 100
106 28.6 24.4 36.6





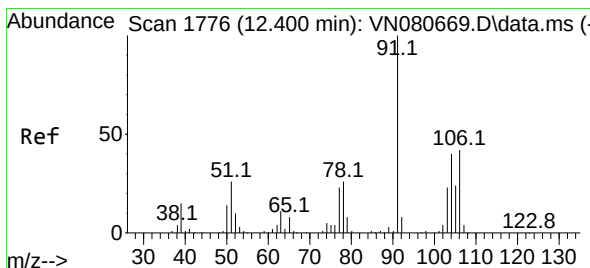
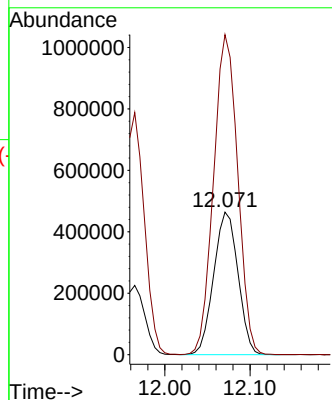
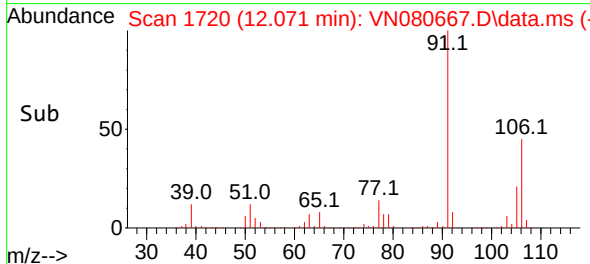
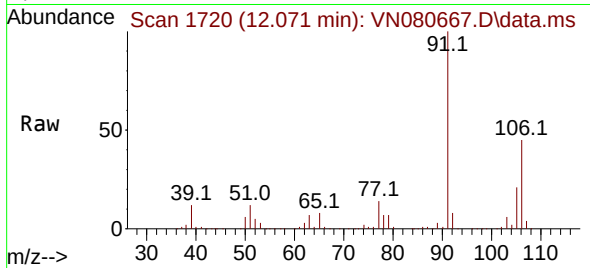
#67
m/p-Xylenes
Concen: 211.969 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 92227
Ion Ratio Lower Upper
106 100
91 222.6 166.6 249.8

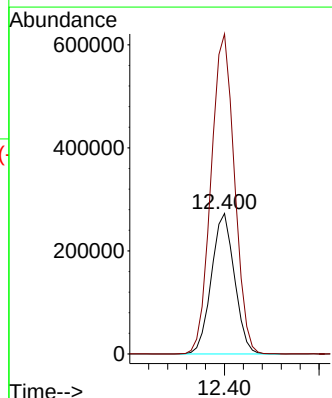
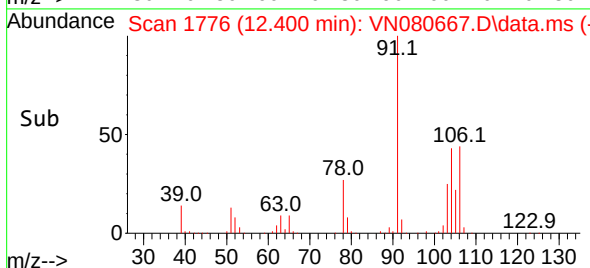
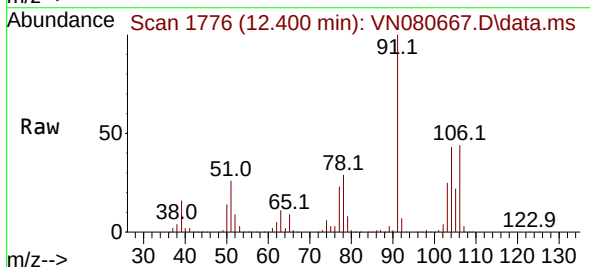
Manual Integrations
APPROVED

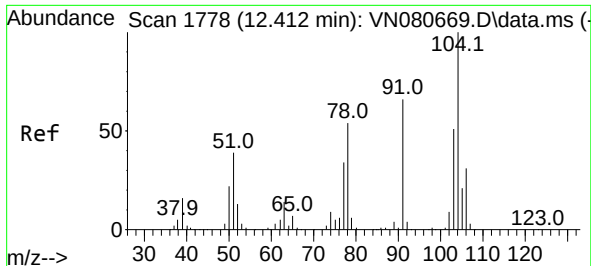
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#68
o-Xylene
Concen: 106.097 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

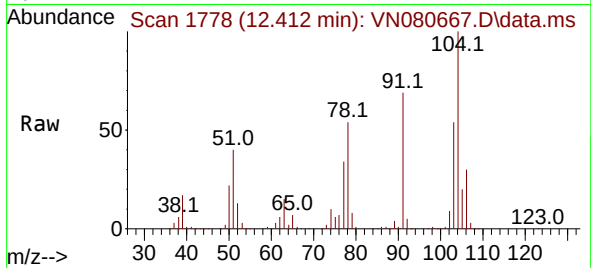
Tgt Ion:106 Resp: 460385
Ion Ratio Lower Upper
106 100
91 231.1 110.0 330.0





#69
Styrene
Concen: 105.422 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

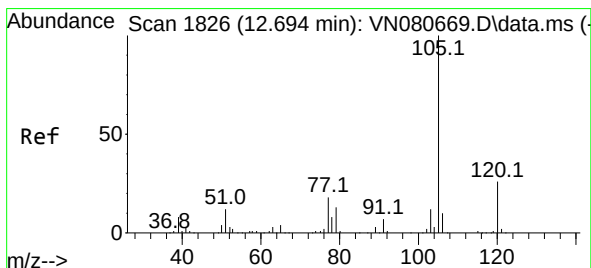
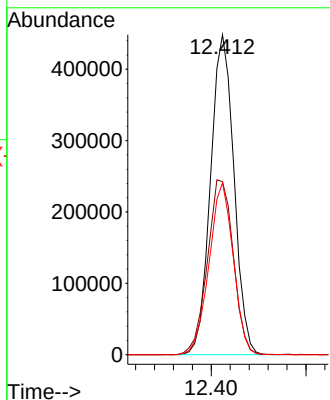
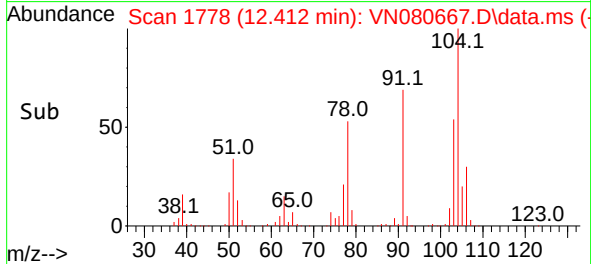
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



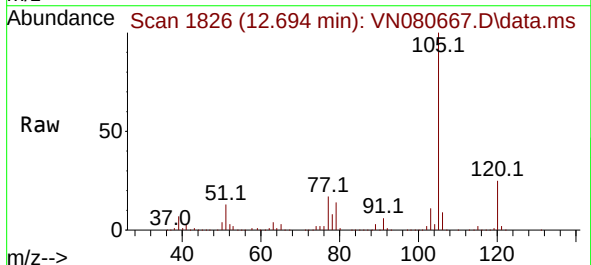
Tgt Ion:104 Resp: 768530
Ion Ratio Lower Upper
104 100
78 60.5 42.6 64.0
103 55.6 43.7 65.5

Manual Integrations
APPROVED

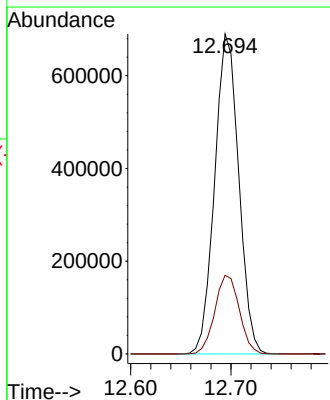
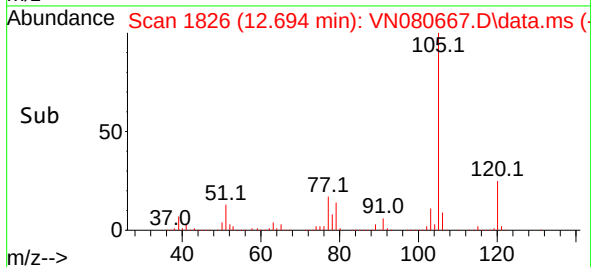
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

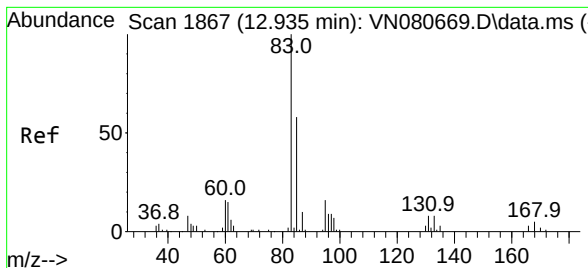


#70
Isopropylbenzene
Concen: 108.229 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



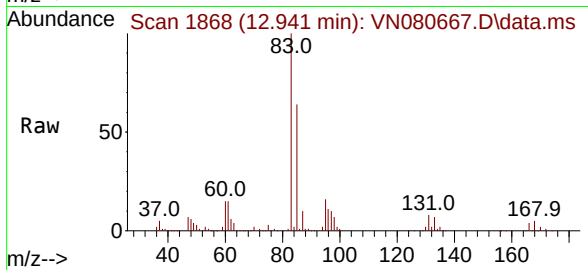
Tgt Ion:105 Resp: 1147801
Ion Ratio Lower Upper
105 100
120 25.0 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 104.539 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

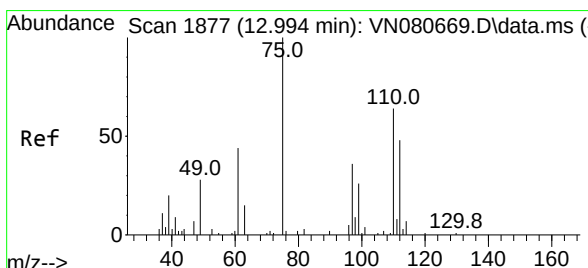
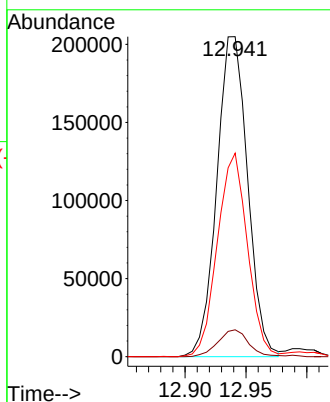
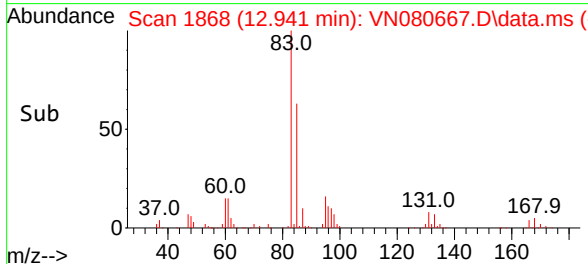
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 361875
Ion Ratio Lower Upper
83 100
131 8.3 5.2 15.6
85 61.9 32.3 96.8

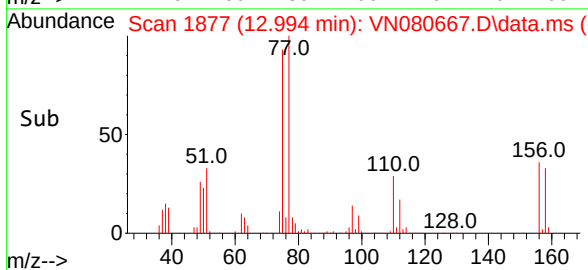
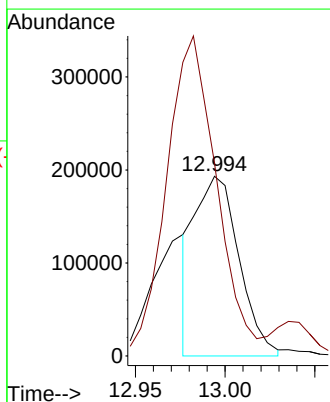
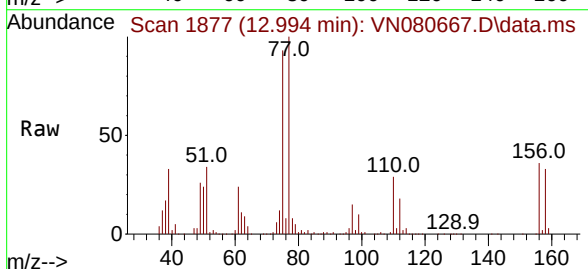
Manual Integrations
APPROVED

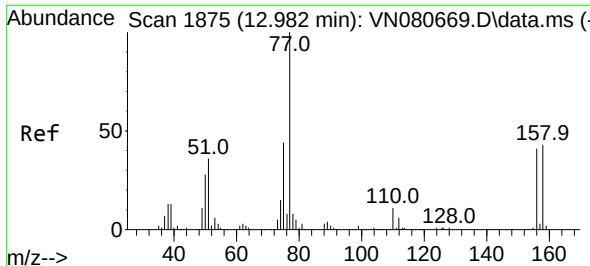
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#72
1,2,3-Trichloropropane
Concen: 97.841 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

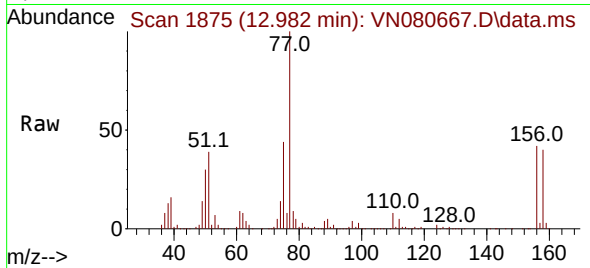
Tgt Ion: 75 Resp: 332761
Ion Ratio Lower Upper
75 100
77 200.4 0.0 367.6





#73
Bromobenzene
Concen: 107.311 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

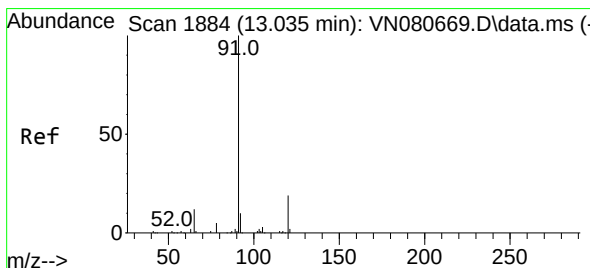
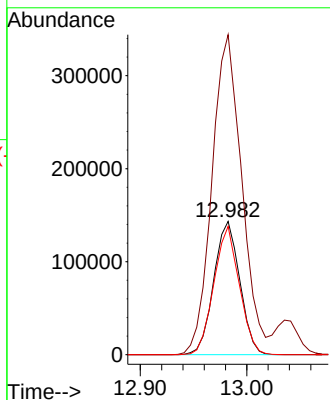
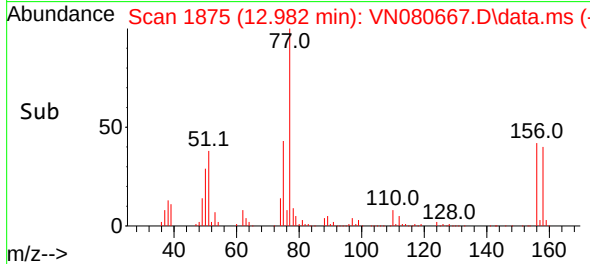
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:156 Resp: 24258
Ion Ratio Lower Upper
156 100
77 274.9 0.0 437.6
158 94.2 0.0 203.8

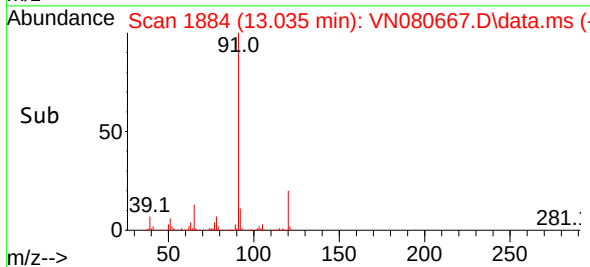
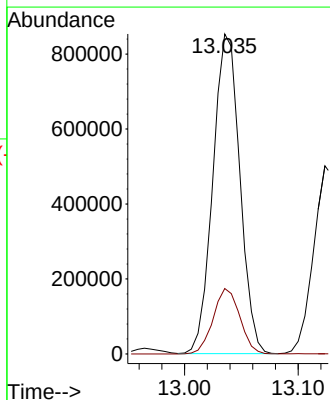
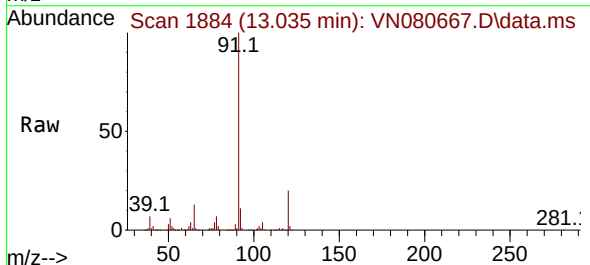
Manual Integrations
APPROVED

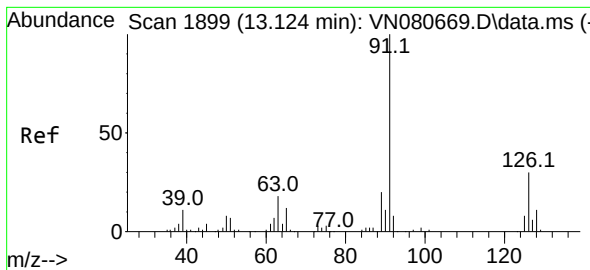
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#74
n-propylbenzene
Concen: 110.083 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 91 Resp: 1407981
Ion Ratio Lower Upper
91 100
120 20.2 0.0 43.8





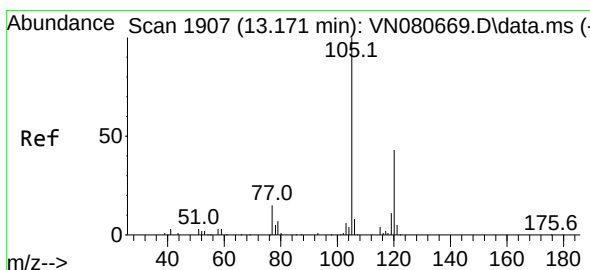
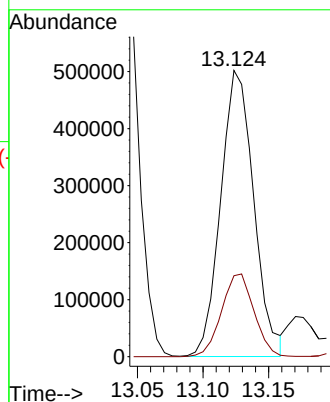
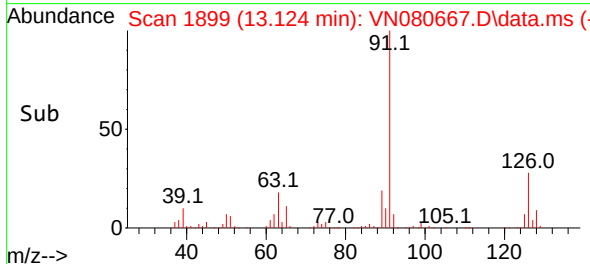
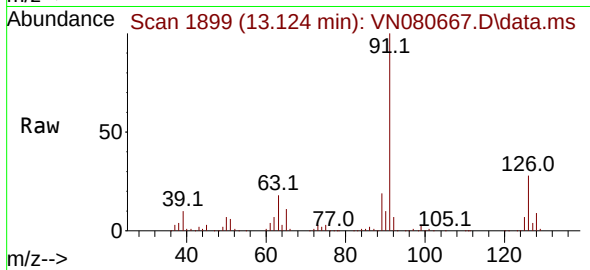
#75
2-Chlorotoluene
Concen: 109.421 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 880119
Ion Ratio Lower Upper
91 100
126 28.4 0.0 61.2

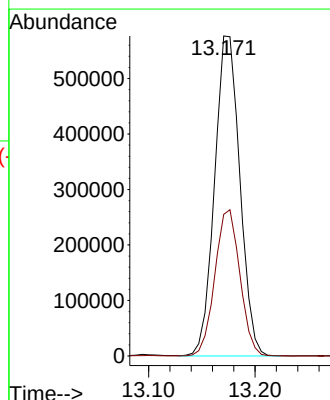
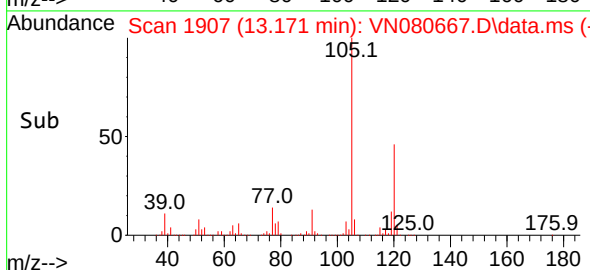
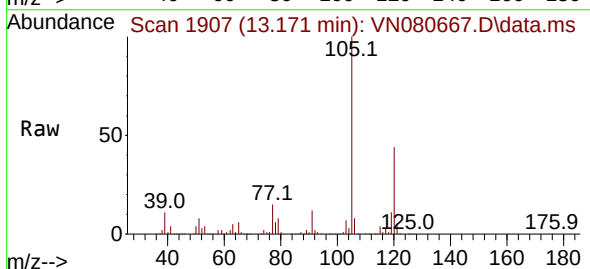
Manual Integrations
APPROVED

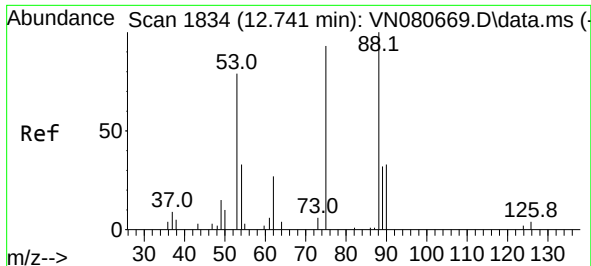
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 107.770 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

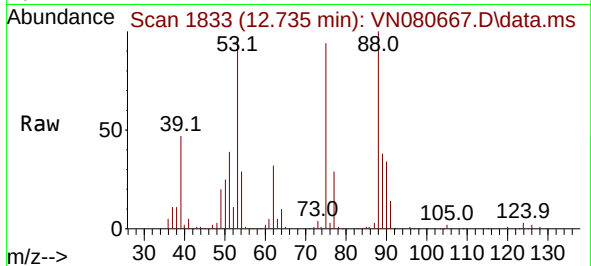
Tgt Ion:105 Resp: 951280
Ion Ratio Lower Upper
105 100
120 45.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 112.114 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

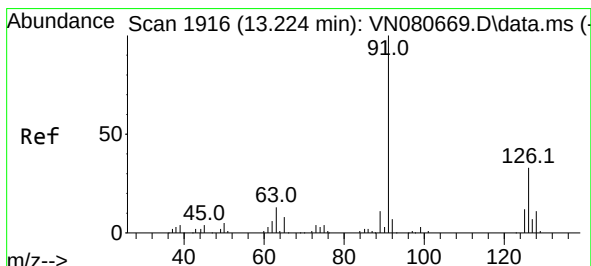
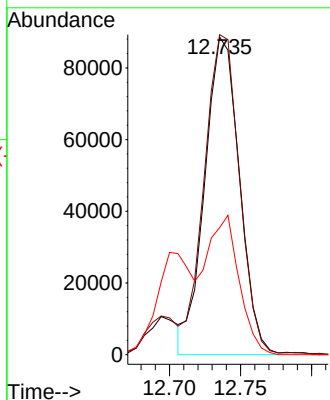
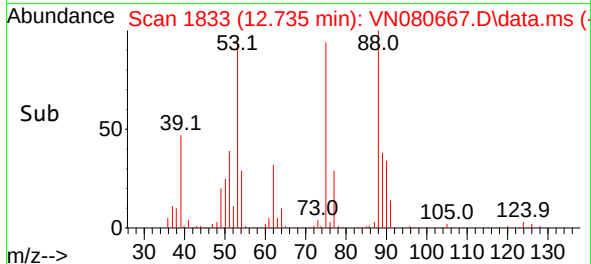
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 15079
Ion Ratio Lower Upper
75 100
53 100.6 45.9 137.7
89 40.2 25.9 77.7

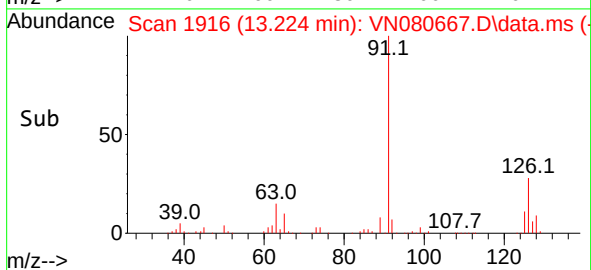
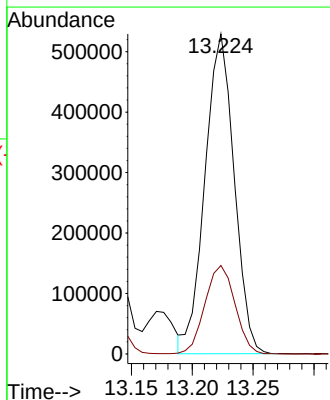
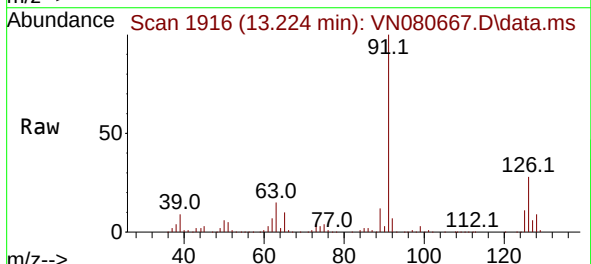
Manual Integrations
APPROVED

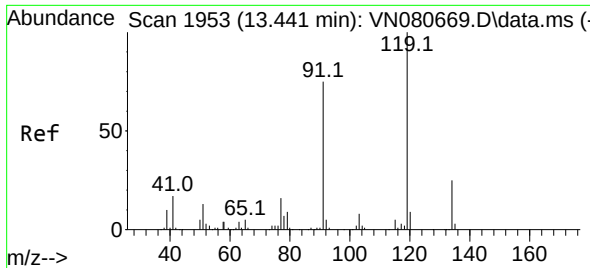
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#78
4-Chlorotoluene
Concen: 109.658 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 91 Resp: 881662
Ion Ratio Lower Upper
91 100
126 28.5 0.0 62.8





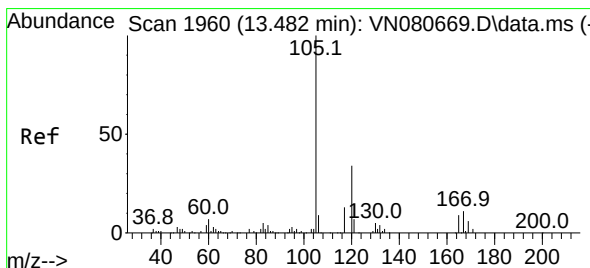
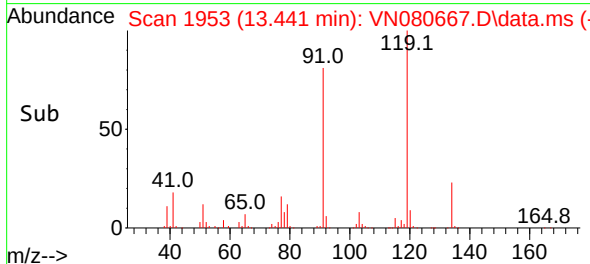
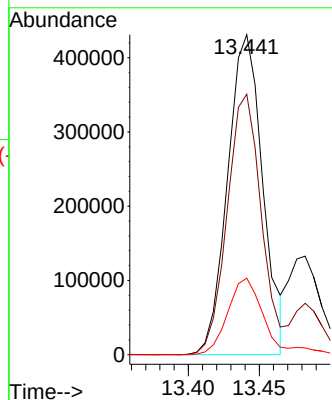
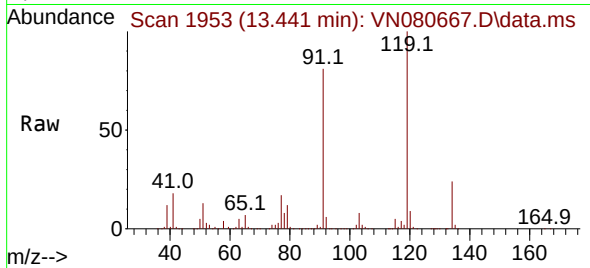
#79
tert-butylbenzene
Concen: 107.684 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 741934
Ion Ratio Lower Upper
119 100
91 78.8 0.0 138.8
134 23.5 0.0 48.6

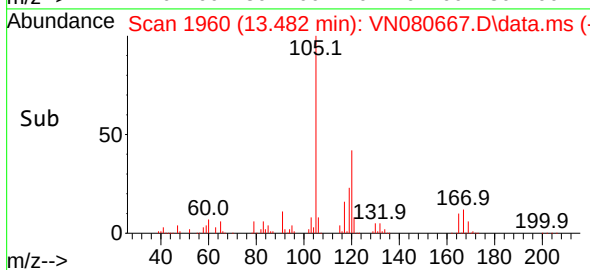
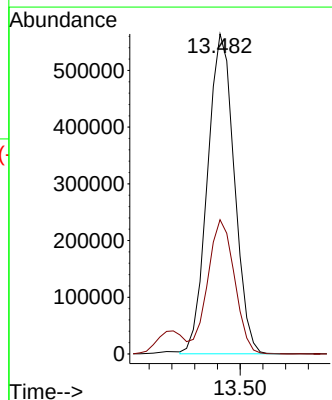
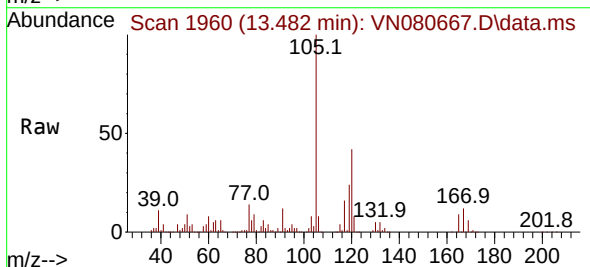
Manual Integrations
APPROVED

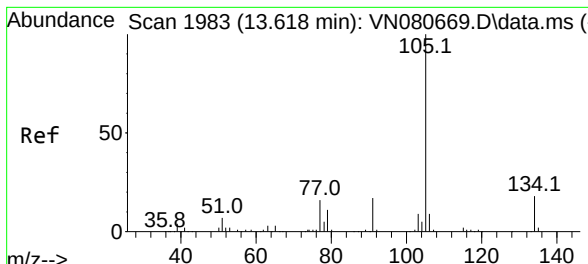
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#80
1,2,4-Trimethylbenzene
Concen: 107.266 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion:105 Resp: 926333
Ion Ratio Lower Upper
105 100
120 42.2 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 108.174 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

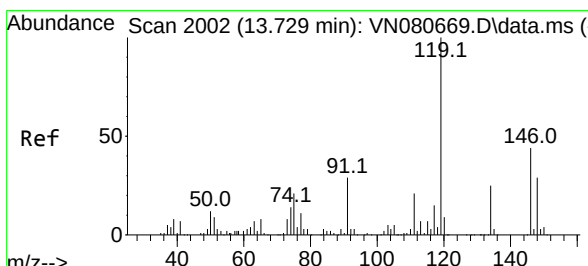
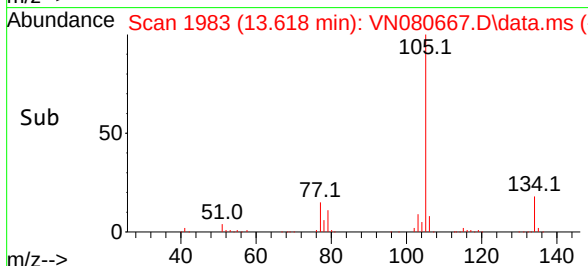
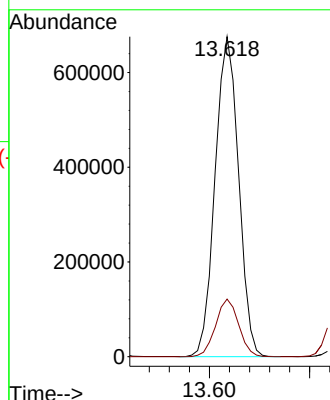
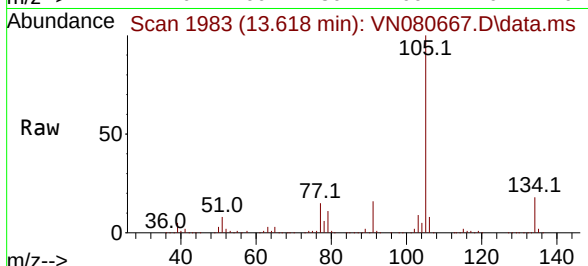
VSTDICC100

Tgt Ion:105 Resp: 1097174
 Ion Ratio Lower Upper
 105 100
 134 17.6 0.0 39.0

Manual Integrations

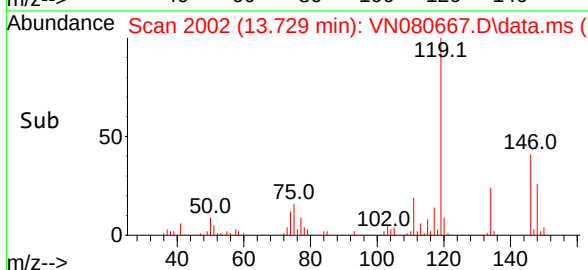
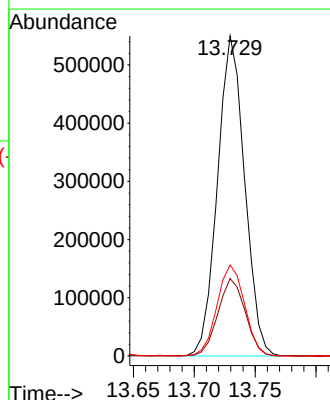
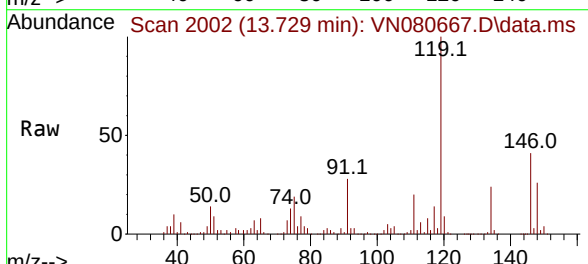
APPROVED

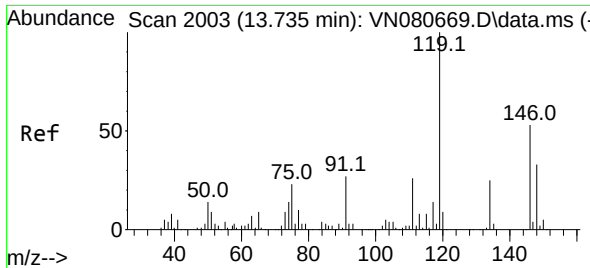
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#82
 p-Isopropyltoluene
 Concen: 110.399 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29

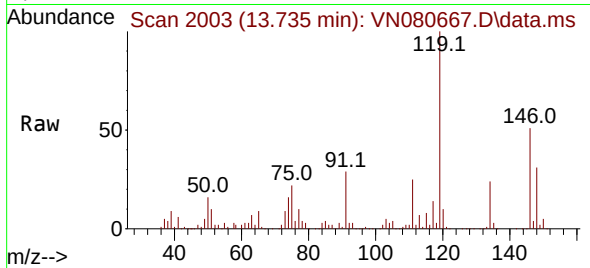
Tgt Ion:119 Resp: 853923
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 49.2
 91 28.8 0.0 48.8





#83
 1,3-Dichlorobenzene
 Concen: 105.904 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29

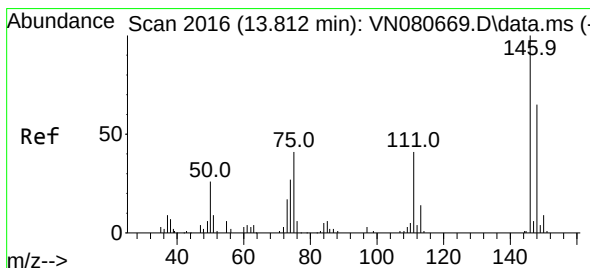
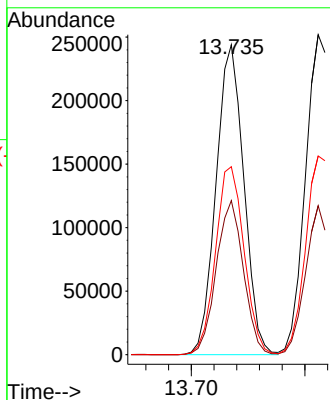
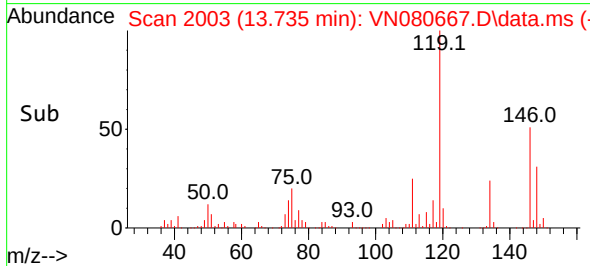
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



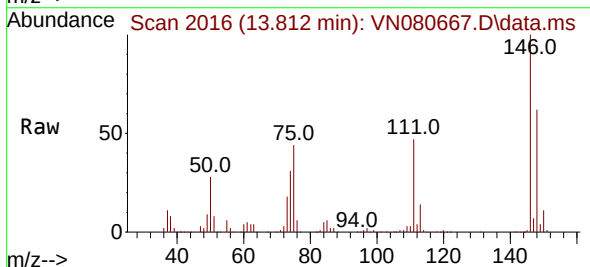
Tgt Ion:146 Resp: 415324
 Ion Ratio Lower Upper
 146 100
 111 48.6 22.4 67.0
 148 62.4 32.1 96.5

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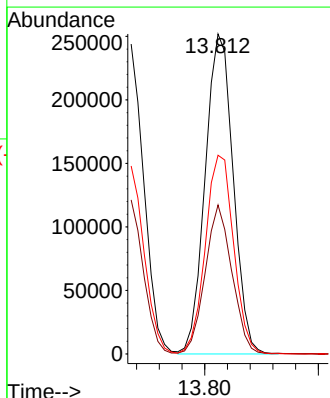
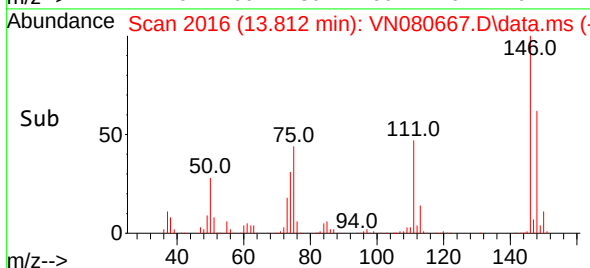
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024

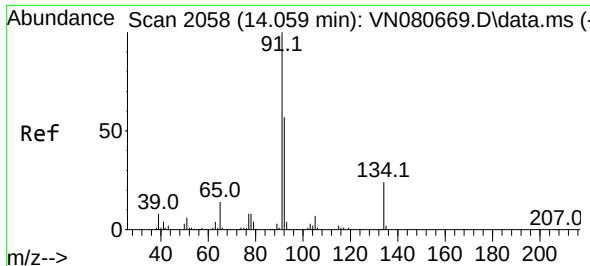


#84
 1,4-Dichlorobenzene
 Concen: 109.236 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN080667.D
 Acq: 11 Jan 2024 10:29



Tgt Ion:146 Resp: 431345
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.3 63.9
 148 62.9 31.9 95.5





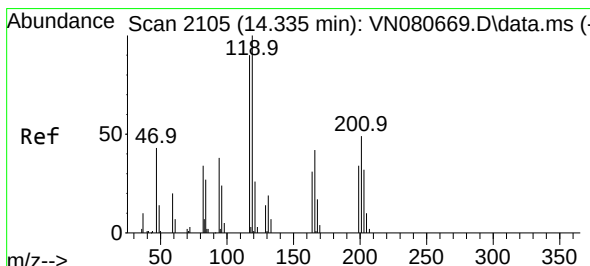
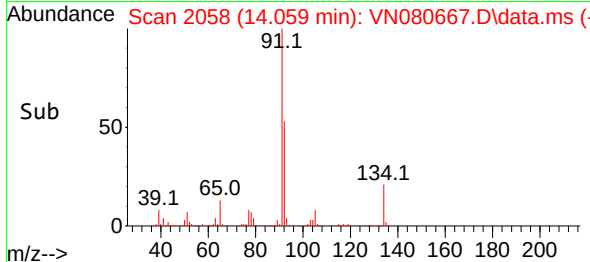
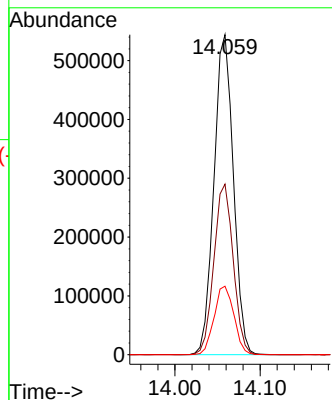
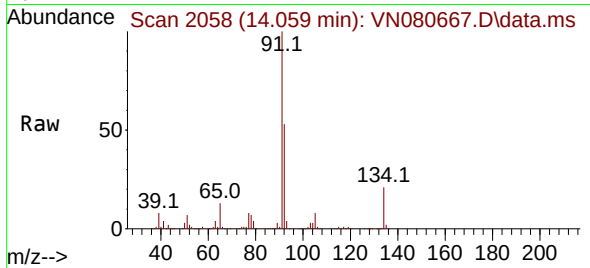
#85
n-Butylbenzene
Concen: 112.633 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 860784
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.0
134 21.9 0.0 51.8

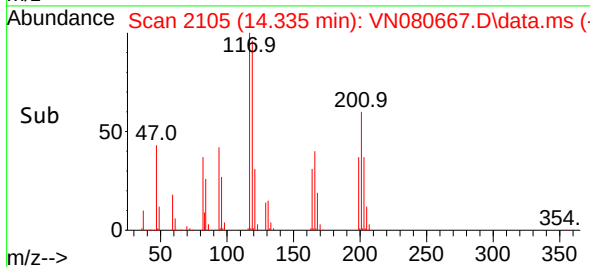
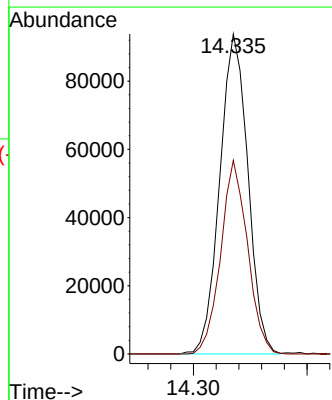
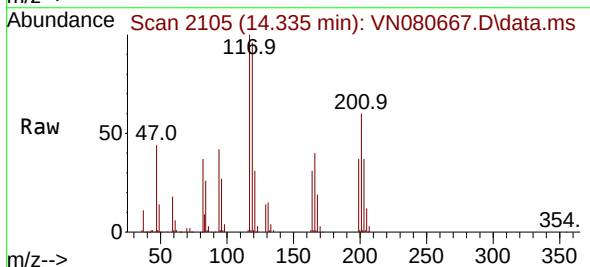
Manual Integrations
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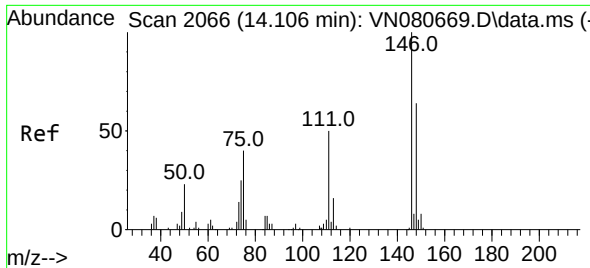
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#86
Hexachloroethane
Concen: 110.985 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion:117 Resp: 161431
Ion Ratio Lower Upper
117 100
201 57.7 38.0 114.0





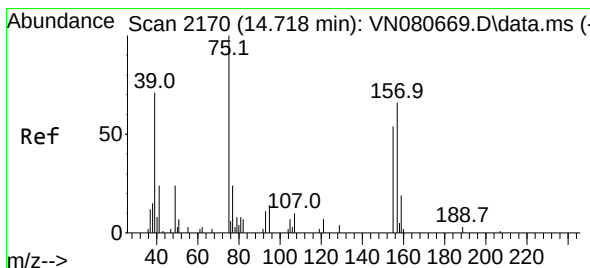
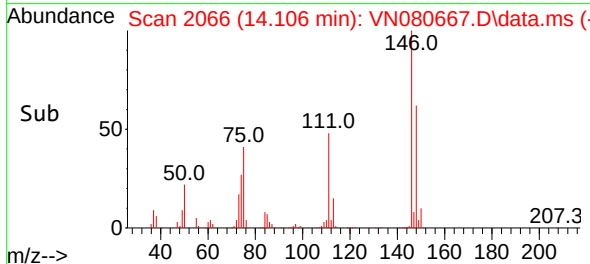
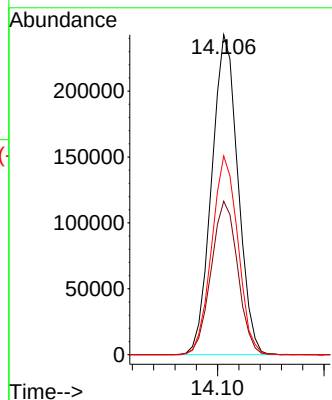
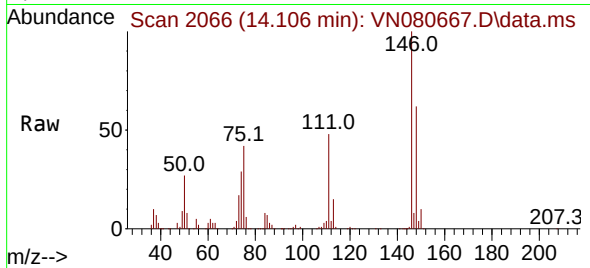
#87
1,2-Dichlorobenzene
Concen: 108.022 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 41556
Ion Ratio Lower Upper
146 100
111 48.7 22.6 67.8
148 61.9 31.3 93.8

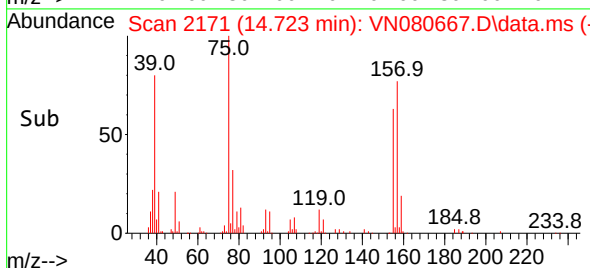
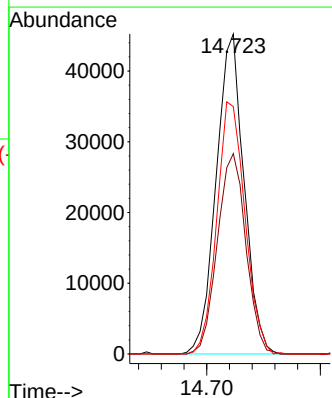
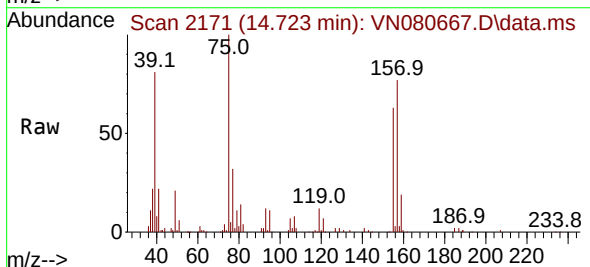
Manual Integrations
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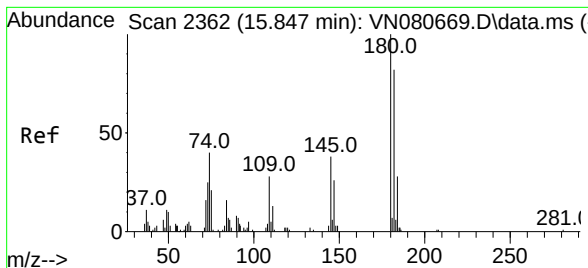
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 106.848 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.005 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

Tgt Ion: 75 Resp: 77008
Ion Ratio Lower Upper
75 100
155 64.0 61.7 92.5
157 79.5 83.6 125.4#





#89

1,2,4-Trichlorobenzene

Concen: 108.574 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 209500

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

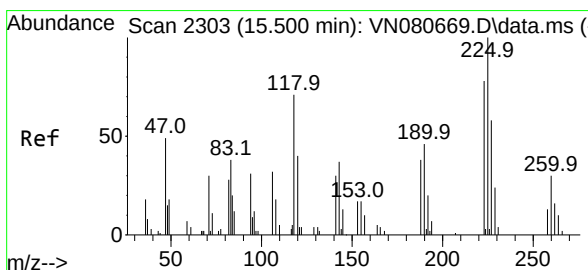
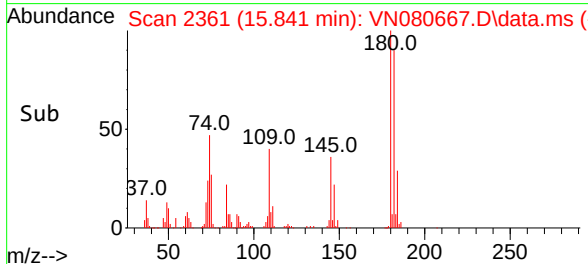
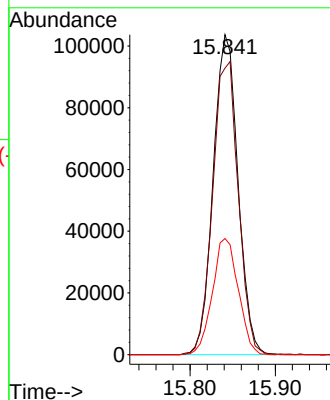
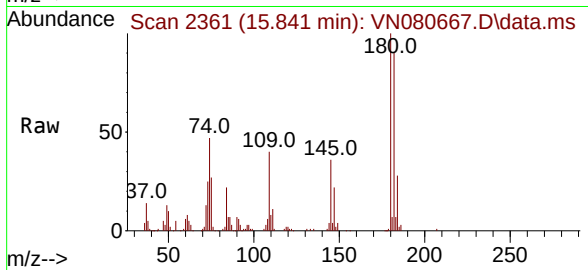
145 37.9 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#90

Hexachlorobutadiene

Concen: 104.857 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN080667.D

Acq: 11 Jan 2024 10:29

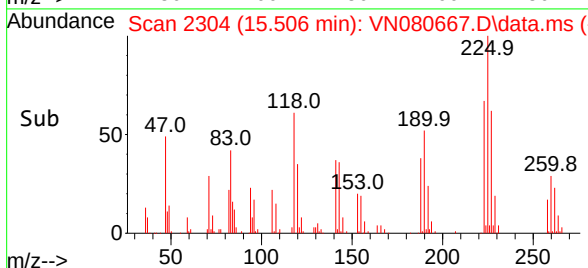
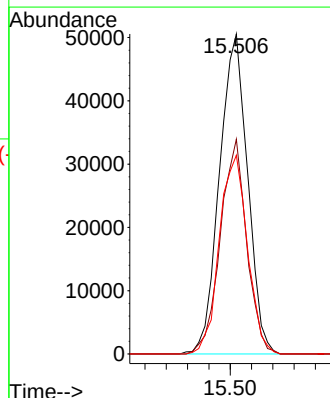
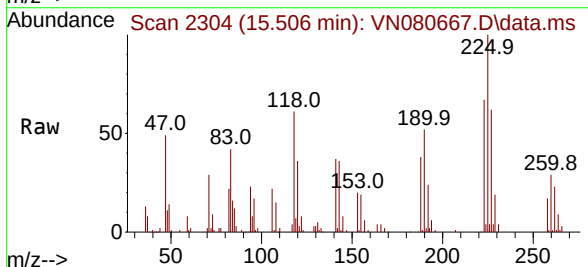
Tgt Ion:225 Resp: 92700

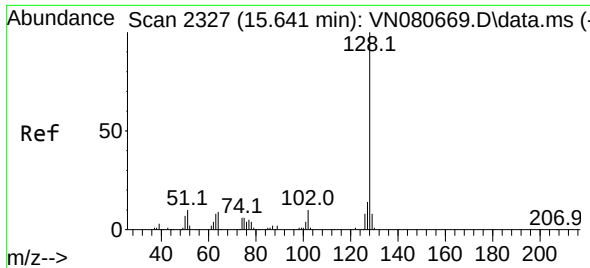
Ion Ratio Lower Upper

225 100

223 62.7 0.0 126.6

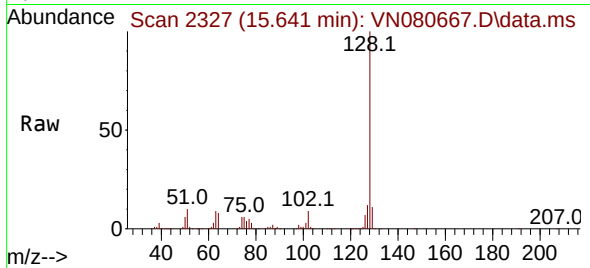
227 62.0 0.0 126.6





#91
Naphthalene
Concen: 108.235 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29

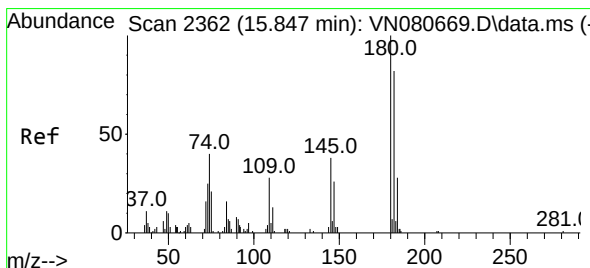
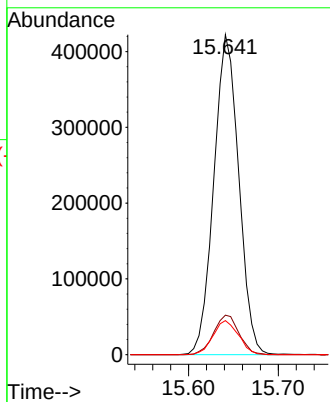
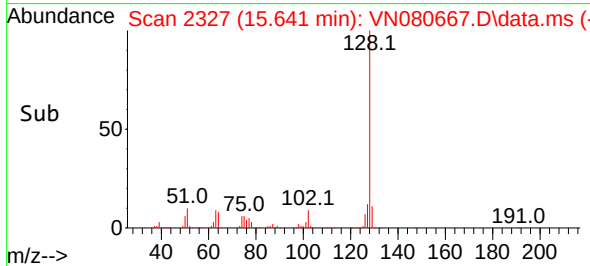
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



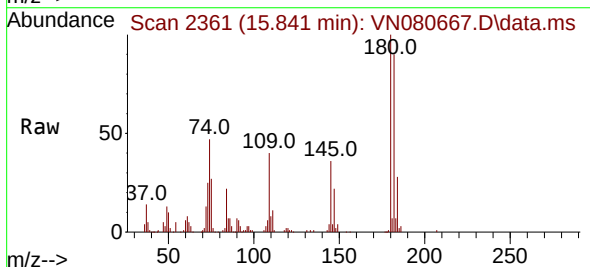
Tgt Ion:128 Resp: 81417
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 108.574 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080667.D
Acq: 11 Jan 2024 10:29



Tgt Ion:180 Resp: 209500
Ion Ratio Lower Upper
180 100
182 94.5 0.0 191.0
145 37.9 0.0 71.0

