

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080668.D
 Acq On : 11 Jan 2024 10:53
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 12 04:39:57 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

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

Internal Standards						
1) Bromochloromethane	7.806	128	15423	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	130053	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	142769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76643	30.773	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.567%			
60) 4-Bromofluorobenzene	12.847	95	97332	30.818	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.733%			
63) Toluene-d8	10.571	98	190612	30.421	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	135569	51.719	ug/l	92
3) Chloromethane	2.365	50	163249	45.719	ug/l	100
4) Vinyl Chloride	2.518	62	130956	48.213	ug/l	97
5) Bromomethane	2.959	94	47365	47.491	ug/l	96
6) Chloroethane	3.124	64	70348	47.906	ug/l	98
7) Trichlorofluoromethane	3.500	101	200554	49.424	ug/l	98
8) Diethyl Ether	3.959	74	91798	51.452	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	112849	48.260	ug/l	65
10) 1,1-Dichloroethene	4.342	96	120713	47.961	ug/l #	81
11) Methyl Iodide	4.589	142	106328	49.632	ug/l	93
12) Methyl Acetate	5.024	43	138140	46.485	ug/l #	73
13) Acrolein	4.171	56	88450	223.379	ug/l	97
14) Acrylonitrile	5.718	53	324624	242.416	ug/l	98
15) Acetone	4.424	58	76019	250.355	ug/l	75
16) Carbon Disulfide	4.712	76	380463	48.894	ug/l	97
17) Allyl chloride	5.030	41	265998m	51.891	ug/l	
18) Methylene Chloride	5.277	84	138527	47.460	ug/l #	83
19) trans-1,2-Dichloroethene	5.783	96	128721	48.742	ug/l	90
20) Diisopropyl ether	6.671	45	495873	48.091	ug/l #	93
21) 1,1-Dichloroethane	6.565	63	269968	48.180	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	148580	48.072	ug/l #	83
23) tert-Butyl Alcohol	5.518	59	109961	238.038	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	434446	47.829	ug/l #	82
25) Chloroform	7.965	83	254631	48.809	ug/l	96
26) Cyclohexane	8.259	56	217334	49.323	ug/l	91
29) 1,1-Dichloropropene	8.371	75	193539	48.956	ug/l	95
30) 2-Butanone	7.477	43	426953	244.061	ug/l #	90
31) 2,2-Dichloropropane	7.488	77	235041	49.490	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	218498	50.228	ug/l #	94
33) Carbon Tetrachloride	8.365	117	169854	49.440	ug/l	96
34) Benzene	8.606	78	570976	48.692	ug/l	97
35) Methacrylonitrile	7.777	41	115163	52.462	ug/l	92
36) 1,2-Dichloroethane	8.671	62	212629	49.314	ug/l	96
37) Trichloroethene	9.353	130	126639	49.520	ug/l #	79
38) Methylcyclohexane	9.600	83	190693	49.513	ug/l	92
39) 1,2-Dichloropropane	9.624	63	153542	48.581	ug/l	96
40) Dibromomethane	9.712	93	90902	48.338	ug/l	88
41) Bromodichloromethane	9.888	83	205136	49.848	ug/l #	97
42) Vinyl Acetate	6.600	43	2048276	251.918	ug/l #	92

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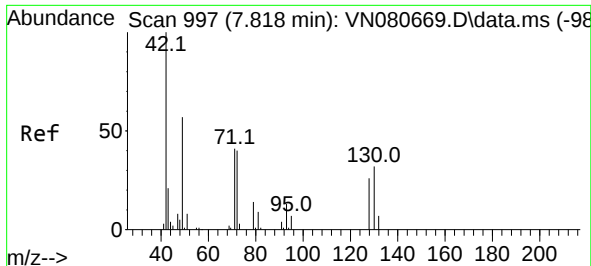
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 01/12/2024

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 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	183692	50.006	ug/l	96
44) Isopropyl Acetate	8.688	43	346662	49.437	ug/l	89
45) 1,4-Dioxane	9.694	88	37812	948.120	ug/l #	84
46) Methyl methacrylate	9.682	41	162333	49.163	ug/l	79
47) n-amyl Acetate	12.494	43	310103	49.323	ug/l #	85
48) t-1,3-Dichloropropene	10.835	75	239014	49.292	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	257087	49.952	ug/l #	80
50) 1,1,2-Trichloroethane	11.018	97	127096	49.212	ug/l	94
51) Ethyl methacrylate	10.876	69	223003	49.951	ug/l	71
52) 1,3-Dichloropropane	11.165	76	237745	48.899	ug/l	100
53) Dibromochloromethane	11.359	129	129921	50.272	ug/l	99
54) 1,2-Dibromoethane	11.465	107	125550	49.455	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	570984	248.828	ug/l	94
56) Bromoform	12.576	173	75474	49.438	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	926251	246.627	ug/l #	85
59) 2-Hexanone	11.194	43	707938	252.465	ug/l #	85
61) Tetrachloroethene	11.106	164	93233	49.058	ug/l	92
62) Toluene	10.629	91	564457	49.156	ug/l	100
64) Chlorobenzene	11.894	112	318195	49.751	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	115772	50.380	ug/l	96
66) Ethyl Benzene	11.965	91	608095	50.349	ug/l	96
67) m/p-Xylenes	12.070	106	440770	101.539	ug/l	96
68) o-Xylene	12.400	106	216831	50.086	ug/l	93
69) Styrene	12.412	104	365916	50.310	ug/l	97
70) Isopropylbenzene	12.694	105	534838	50.549	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	165075	47.798	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	158565m	46.731	ug/l	
73) Bromobenzene	12.982	156	109592	48.593	ug/l	71
74) n-propylbenzene	13.035	91	652900	51.166	ug/l	97
75) 2-Chlorotoluene	13.123	91	402134	50.112	ug/l	96
76) 1,3,5-Trimethylbenzene	13.176	105	441760	50.163	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	68309	50.906	ug/l	94
78) 4-Chlorotoluene	13.223	91	406719	50.704	ug/l	95
79) tert-butylbenzene	13.441	119	347301	50.524	ug/l	93
80) 1,2,4-Trimethylbenzene	13.482	105	437573	50.787	ug/l	97
81) sec-Butylbenzene	13.617	105	510398	50.439	ug/l	97
82) p-Isopropyltoluene	13.729	119	387526	50.218	ug/l	95
83) 1,3-Dichlorobenzene	13.735	146	188675	48.222	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	199521	50.645	ug/l	96
85) n-Butylbenzene	14.059	91	395538	51.876	ug/l	97
86) Hexachloroethane	14.335	117	76005	52.376	ug/l	77
87) 1,2-Dichlorobenzene	14.106	146	189941	49.488	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	36940	51.373	ug/l #	77
89) 1,2,4-Trichlorobenzene	15.841	180	97688	50.745	ug/l	97
90) Hexachlorobutadiene	15.500	225	43478	49.294	ug/l	99
91) Naphthalene	15.641	128	377866	50.350	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	97688	50.745	ug/l	97

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



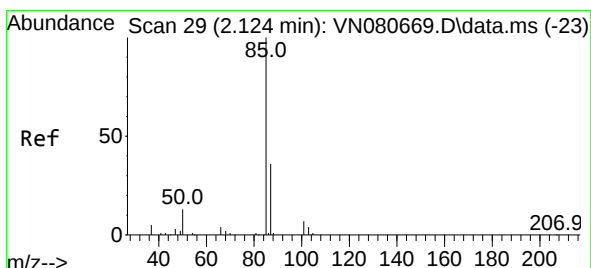
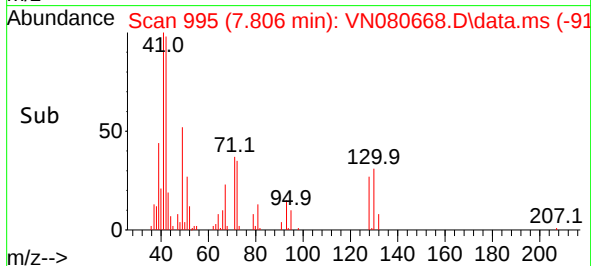
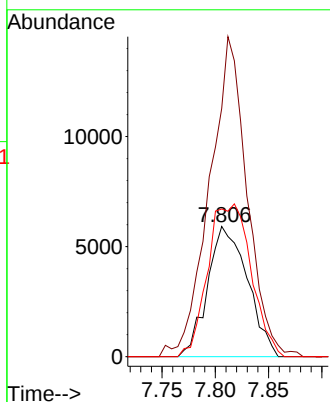
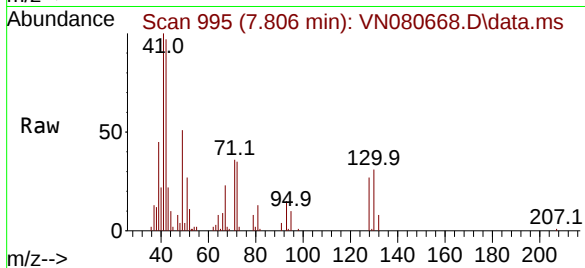
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 1542
Ion Ratio Lower Upper
128 100
49 228.4 0.0 403.7
130 66.9 0.0 323.3

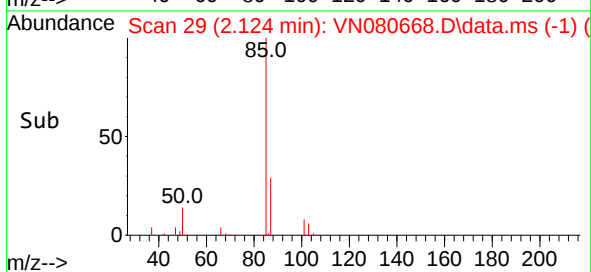
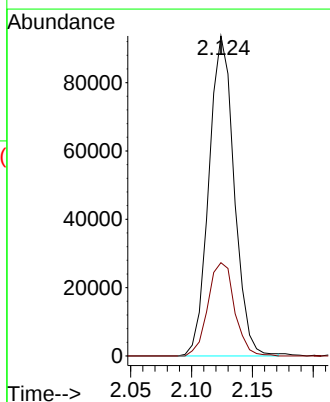
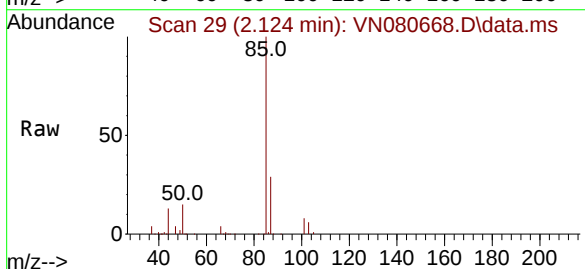
Manual Integrations
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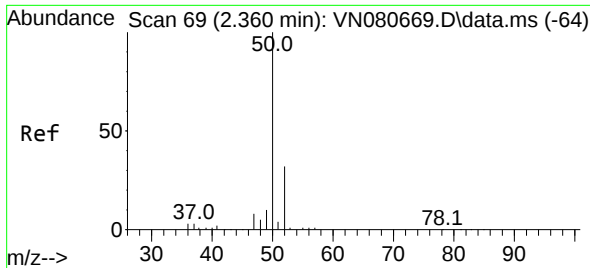
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#2
Dichlorodifluoromethane
Concen: 51.719 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

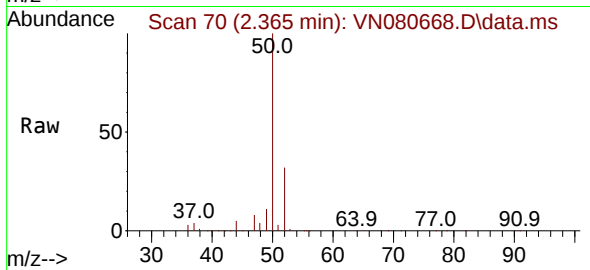
Tgt Ion: 85 Resp: 135569
Ion Ratio Lower Upper
85 100
87 29.2 16.8 50.3





#3
Chloromethane
Concen: 45.719 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.005 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

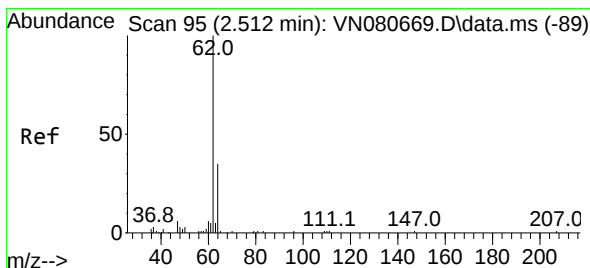
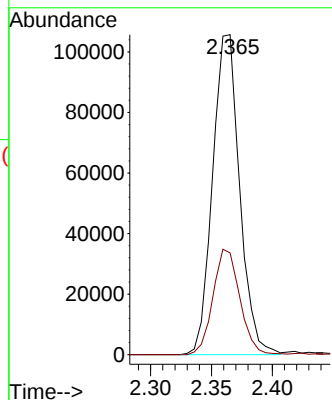
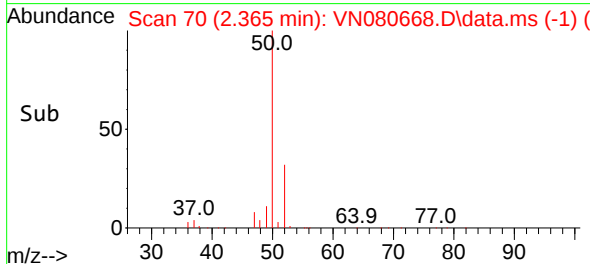
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



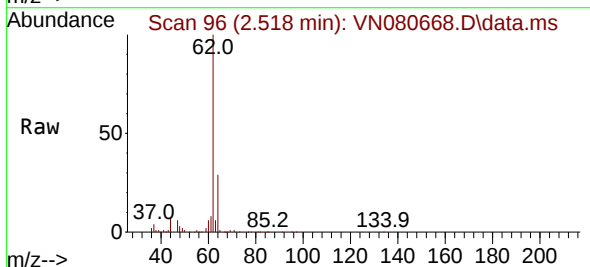
Tgt Ion: 50 Resp: 163249
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

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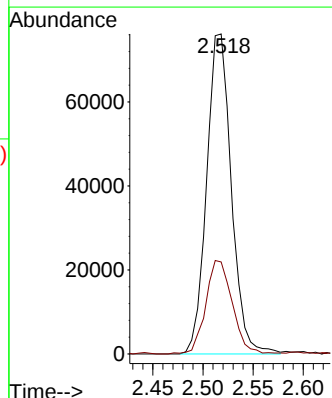
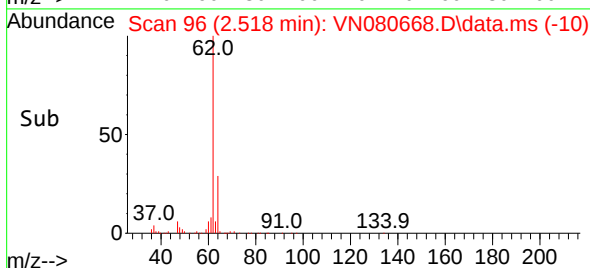
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Supervised By :Semsettin Yesilyurt 01/12/2024

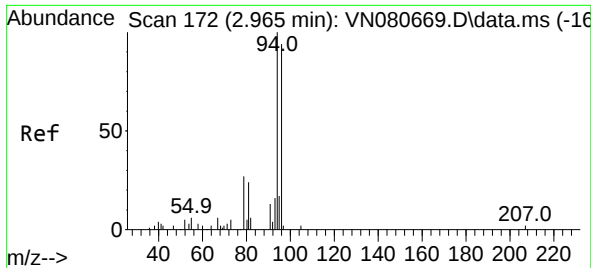


#4
Vinyl Chloride
Concen: 48.213 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53



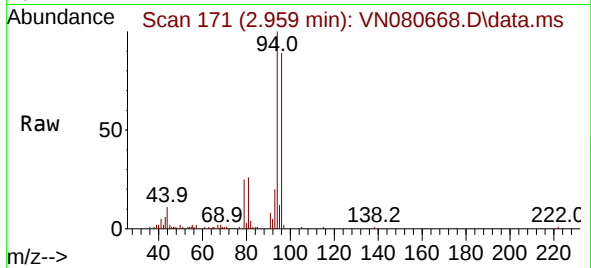
Tgt Ion: 62 Resp: 130956
Ion Ratio Lower Upper
62 100
64 28.5 24.1 36.1





#5
Bromomethane
Concen: 47.491 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

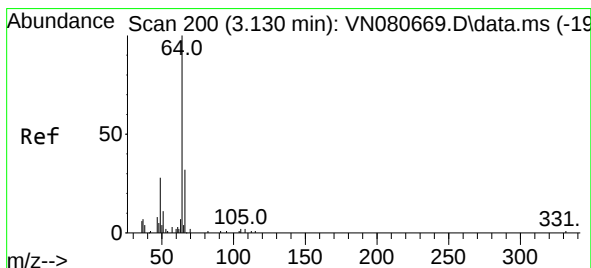
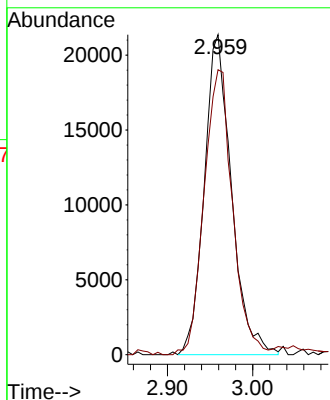
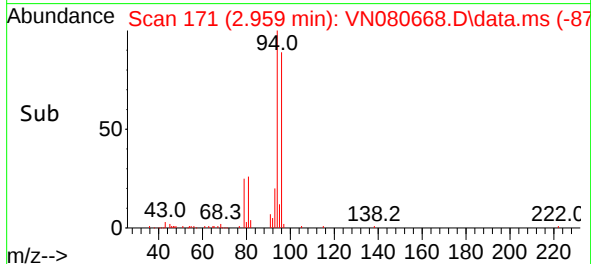
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 94 Resp: 4736
Ion Ratio Lower Upper
94 100
96 87.6 72.8 109.2

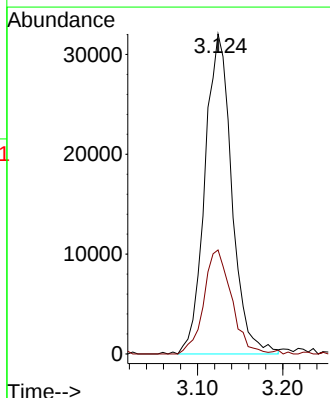
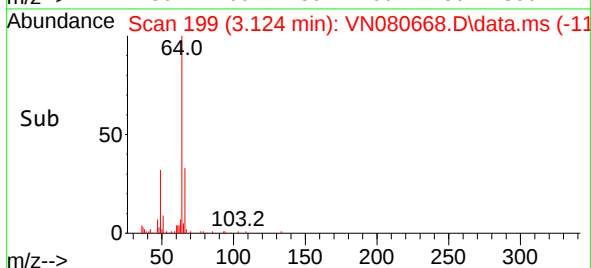
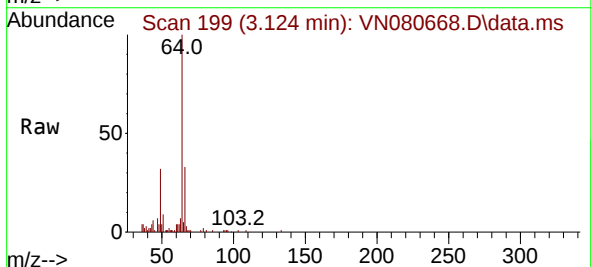
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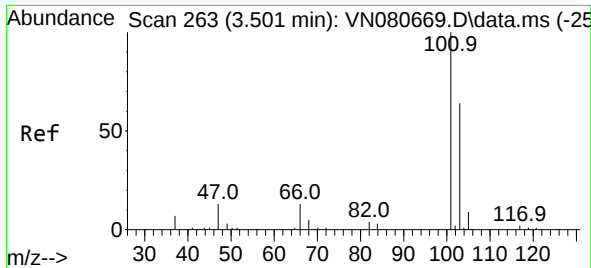
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#6
Chloroethane
Concen: 47.906 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 64 Resp: 70348
Ion Ratio Lower Upper
64 100
66 32.5 26.7 40.1





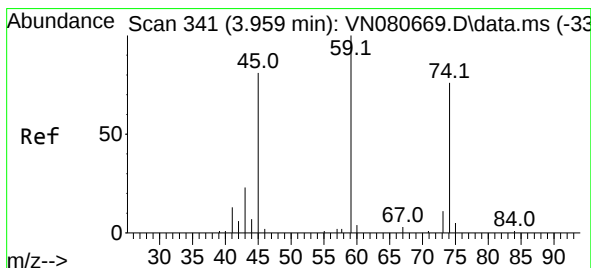
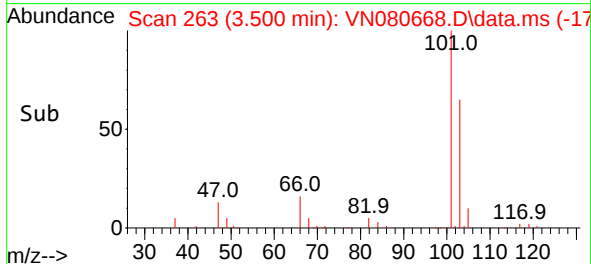
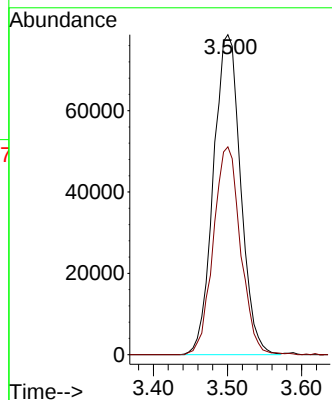
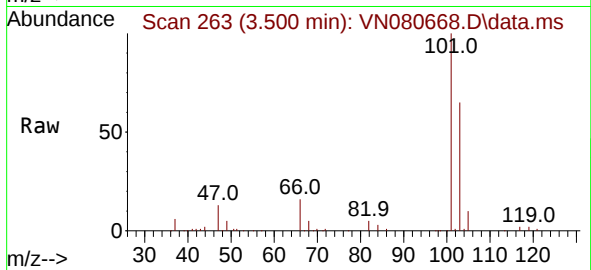
#7
 Trichlorofluoromethane
 Concen: 49.424 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.001 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

Instrument :
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 ClientSampleId :
 VSTDIC050

Tgt Ion:101 Resp: 200554
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.0 79.4

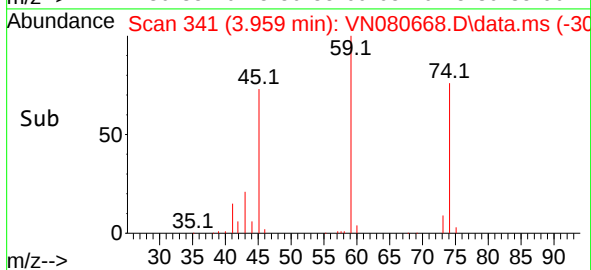
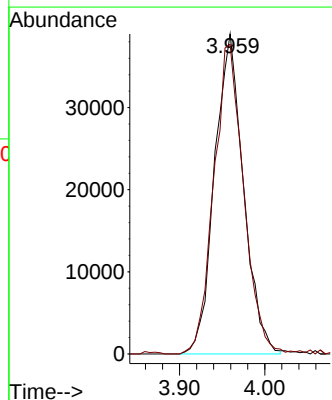
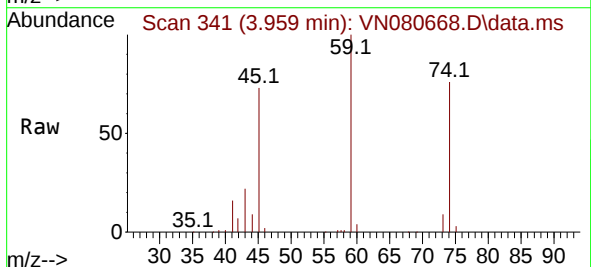
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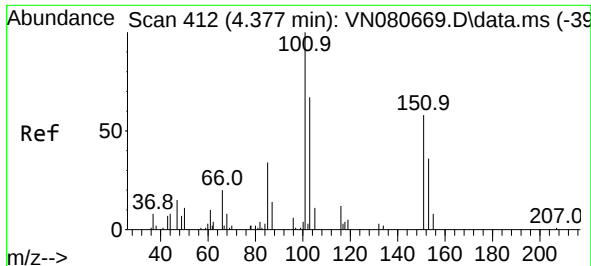
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#8
 Diethyl Ether
 Concen: 51.452 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

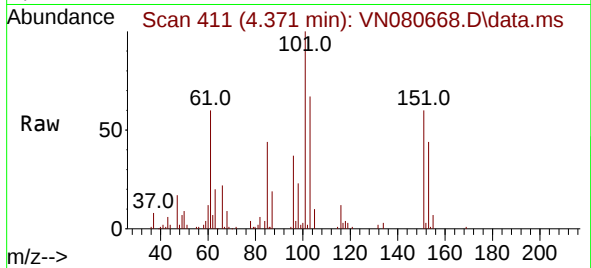
Tgt Ion: 74 Resp: 91798
 Ion Ratio Lower Upper
 74 100
 45 99.7 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.260 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN080668.D
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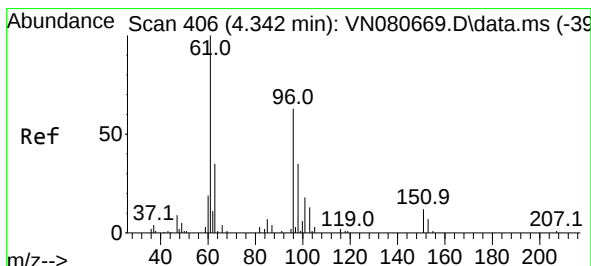
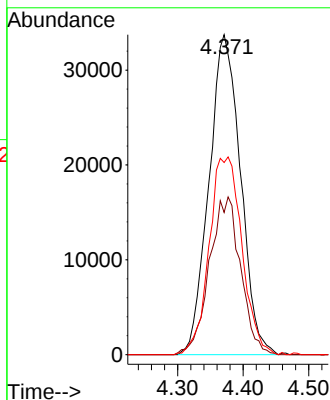
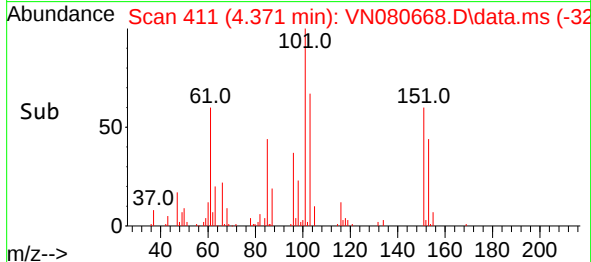
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:101 Resp: 112849
Ion Ratio Lower Upper
101 100
85 48.7 0.0 90.6
151 32.6 0.0 157.6

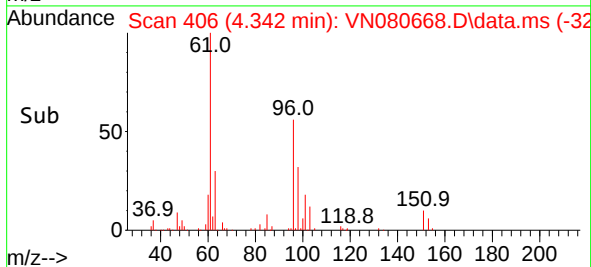
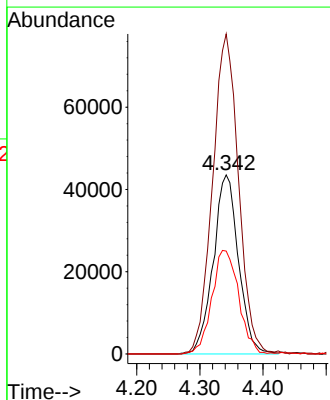
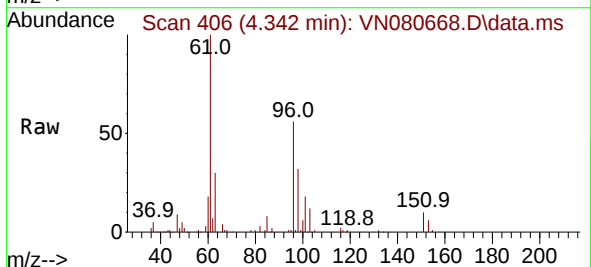
Manual Integrations
APPROVED

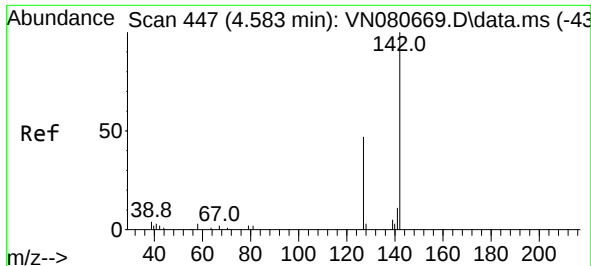
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#10
1,1-Dichloroethene
Concen: 47.961 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 96 Resp: 120713
Ion Ratio Lower Upper
96 100
61 178.7 117.6 176.4#
98 57.4 48.4 72.6





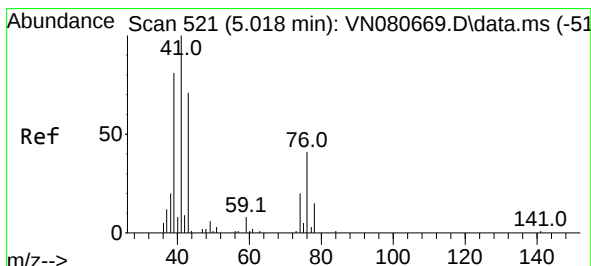
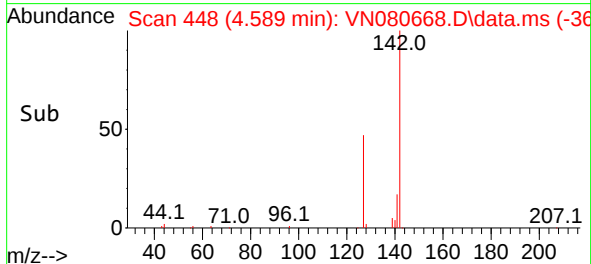
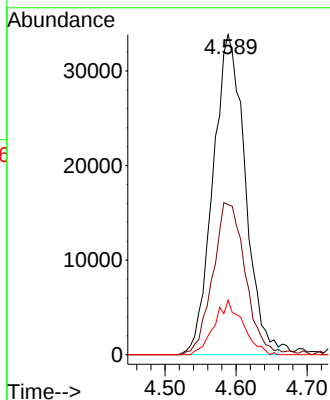
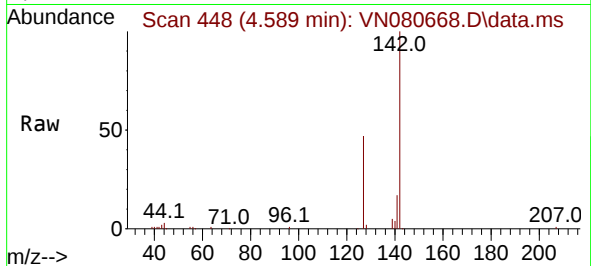
#11
Methyl Iodide
Concen: 49.632 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:142 Resp: 106328
Ion Ratio Lower Upper
142 100
127 46.7 26.3 78.9
141 17.2 8.3 24.9

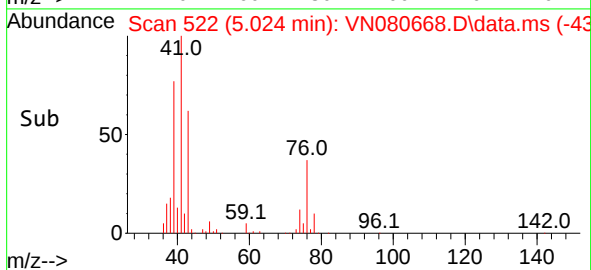
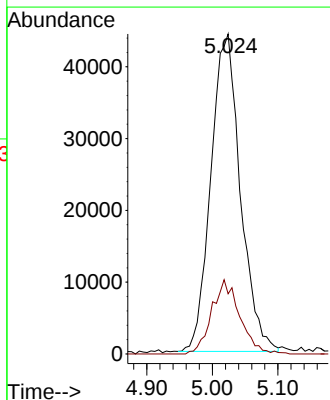
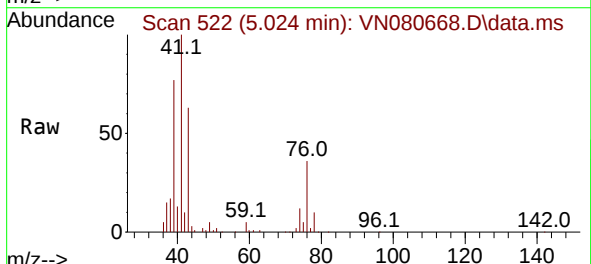
Manual Integrations
APPROVED

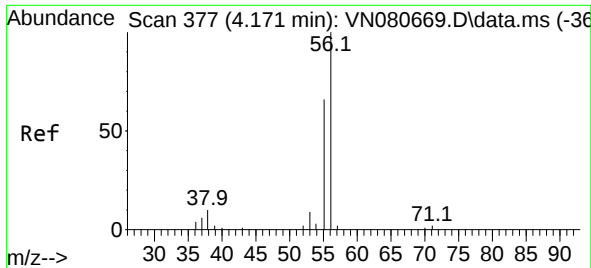
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#12
Methyl Acetate
Concen: 46.485 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

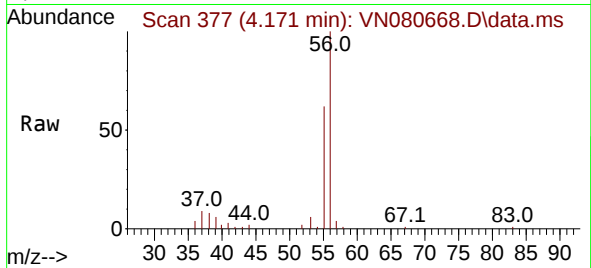
Tgt Ion: 43 Resp: 138140
Ion Ratio Lower Upper
43 100
74 18.9 27.7 41.5#





#13
Acrolein
Concen: 223.379 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

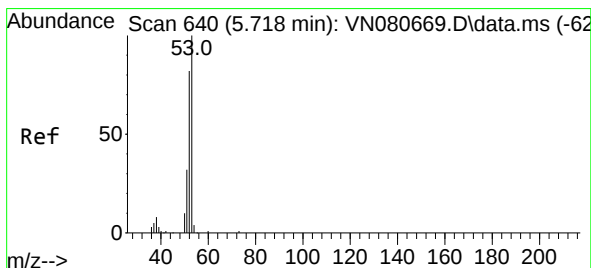
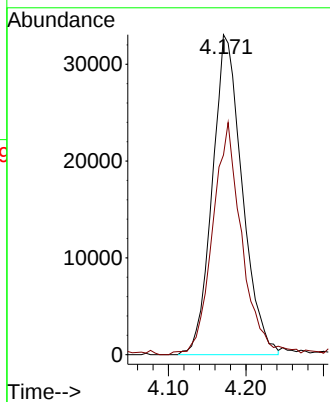
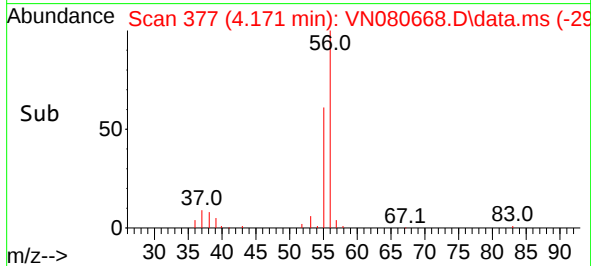
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 88450
Ion Ratio Lower Upper
56 100
55 67.0 55.5 83.3

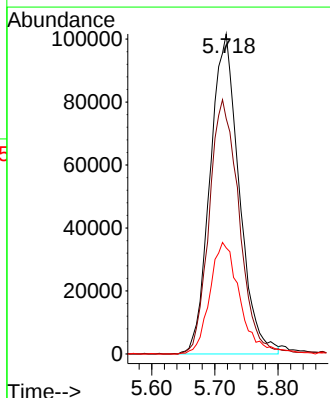
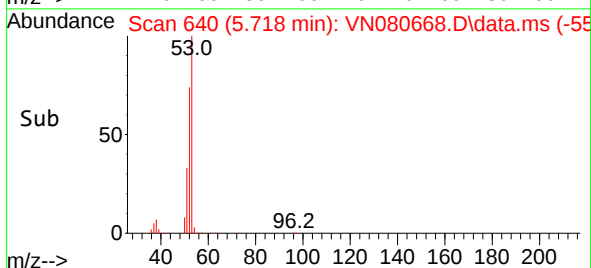
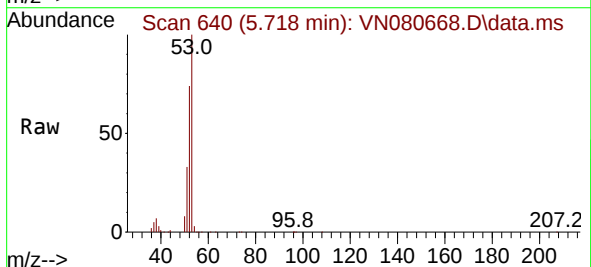
Manual Integrations
APPROVED

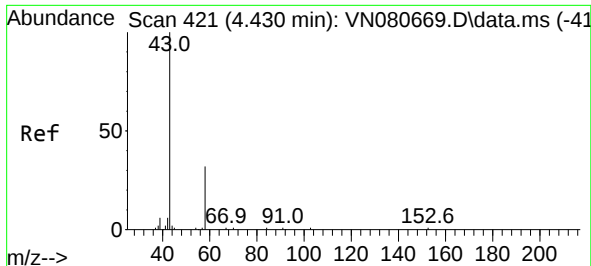
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#14
Acrylonitrile
Concen: 242.416 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 53 Resp: 324624
Ion Ratio Lower Upper
53 100
52 81.8 41.3 123.9
51 36.5 16.8 50.3





#15

Acetone

Concen: 250.355 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 76019

Ion Ratio Lower Upper

58 100

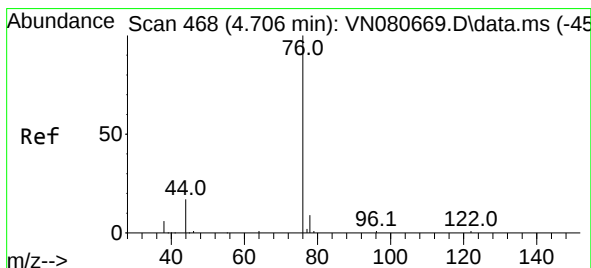
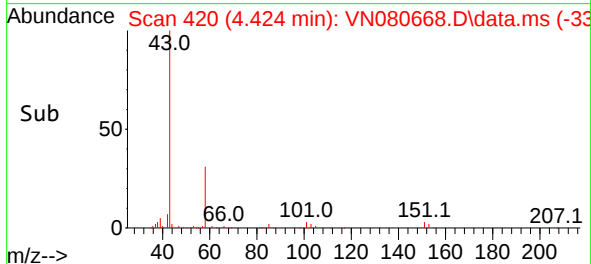
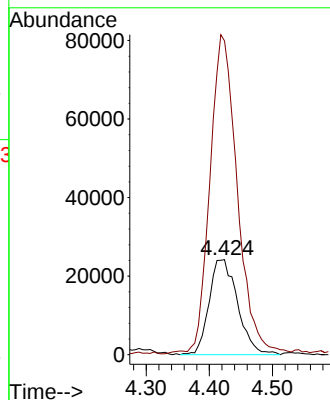
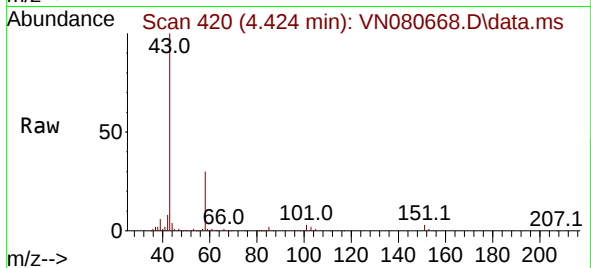
43 326.3 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#16

Carbon Disulfide

Concen: 48.894 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN080668.D

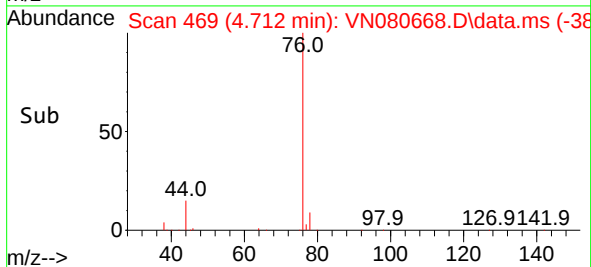
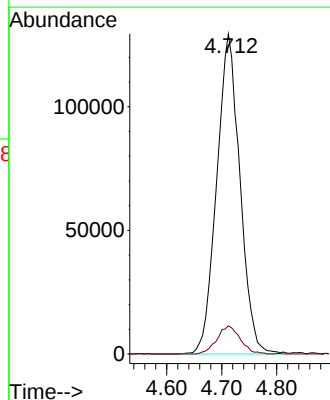
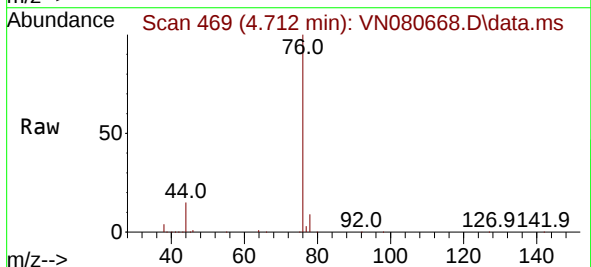
Acq: 11 Jan 2024 10:53

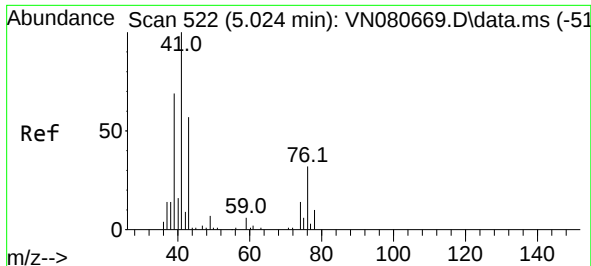
Tgt Ion: 76 Resp: 380463

Ion Ratio Lower Upper

76 100

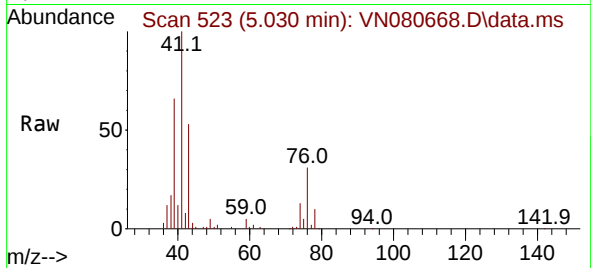
78 8.8 6.3 9.5





#17
 Allyl chloride
 Concen: 51.891 ug/l m
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

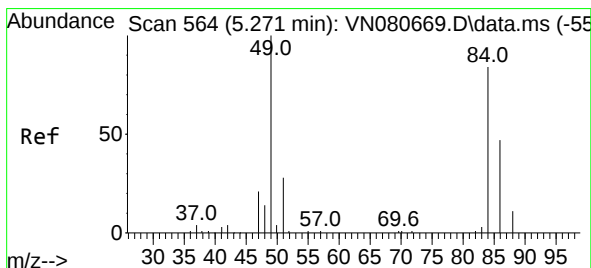
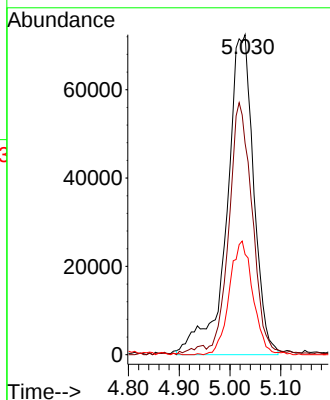
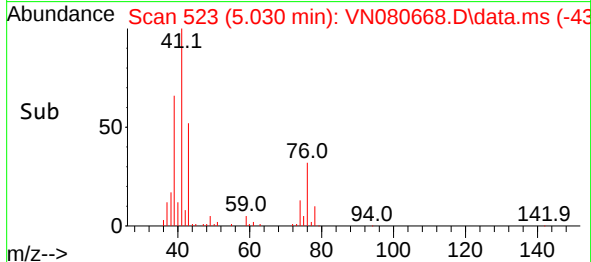
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 265998
 Ion Ratio Lower Upper
 41 100
 39 66.1 37.6 112.9
 76 31.4 27.8 83.4

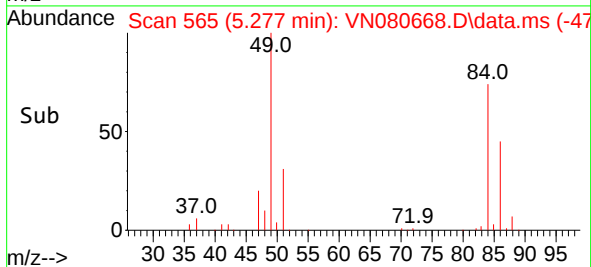
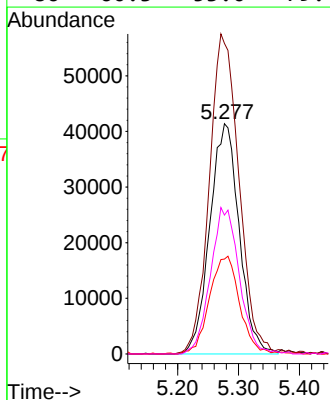
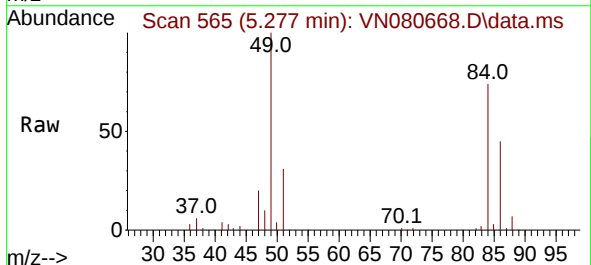
Manual Integrations
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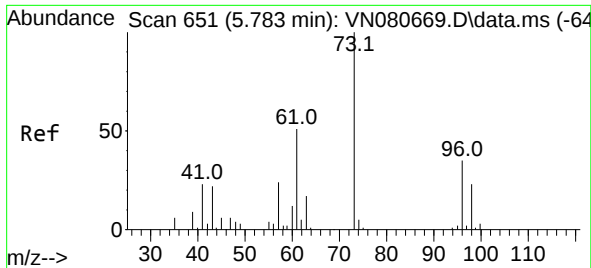
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#18
 Methylene Chloride
 Concen: 47.460 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

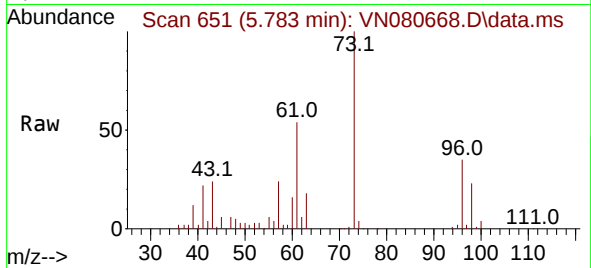
Tgt Ion: 84 Resp: 138527
 Ion Ratio Lower Upper
 84 100
 49 134.4 86.0 129.0#
 51 41.2 30.0 45.0
 86 60.3 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 48.742 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

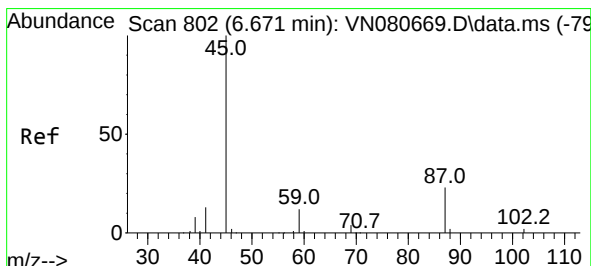
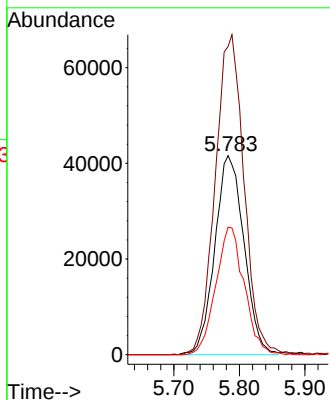
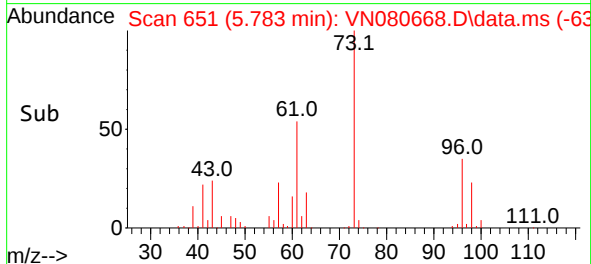
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC050



Tgt Ion: 96 Resp: 12872
Ion Ratio Lower Upper
96 100
61 154.9 111.8 167.6
98 64.1 49.2 73.8

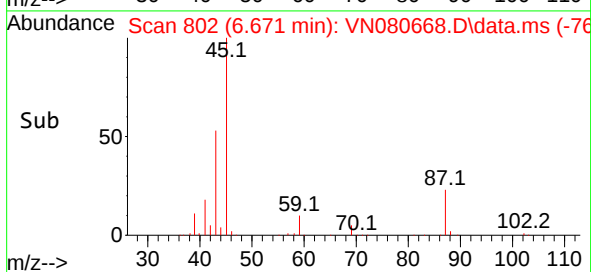
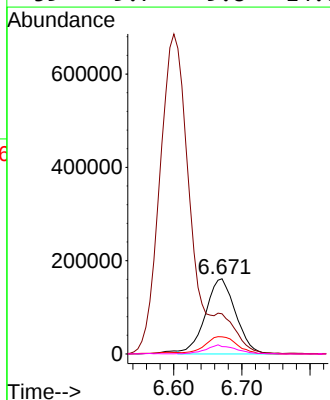
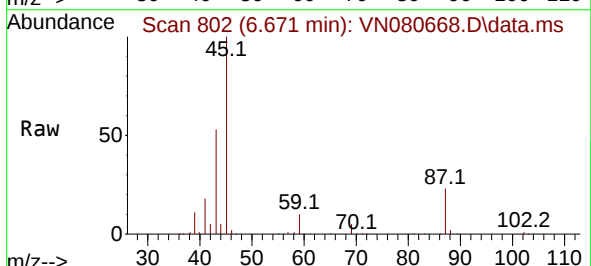
Manual Integrations
APPROVED

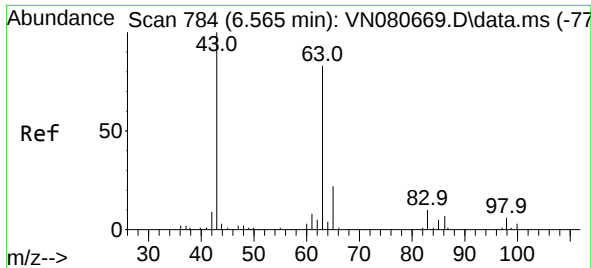
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#20
Diisopropyl ether
Concen: 48.091 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 45 Resp: 495873
Ion Ratio Lower Upper
45 100
43 52.3 40.4 60.6
87 22.7 23.8 35.8#
59 9.7 9.8 14.6#





#21

1,1-Dichloroethane

Concen: 48.180 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 269968

Ion Ratio Lower Upper

63 100

98 6.5 4.1 12.3

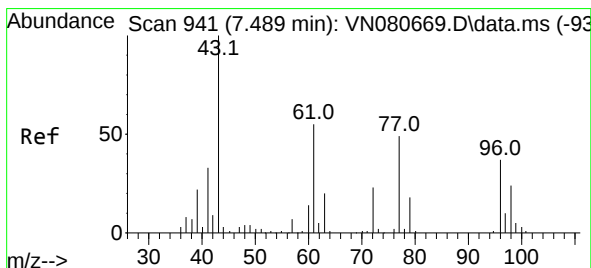
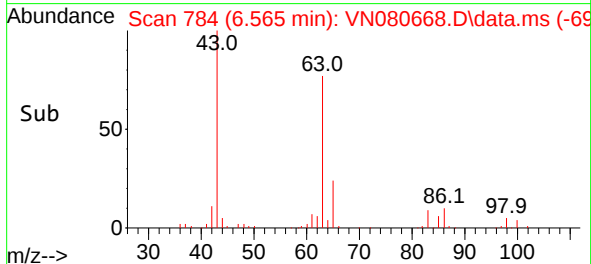
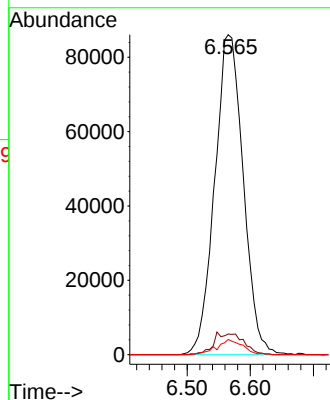
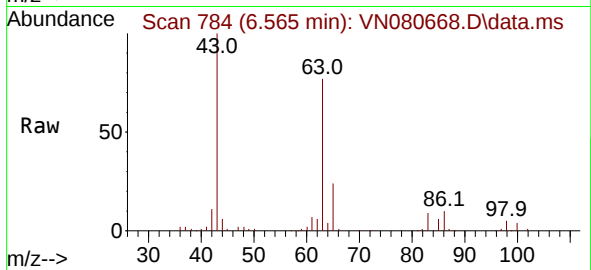
100 4.7 3.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#22

cis-1,2-Dichloroethene

Concen: 48.072 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.001 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

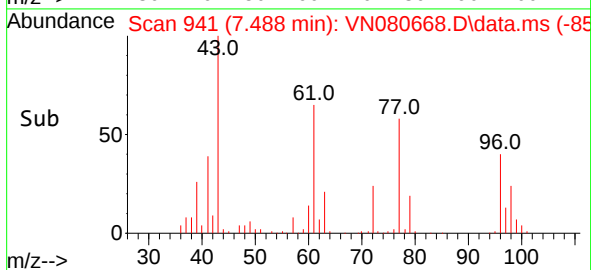
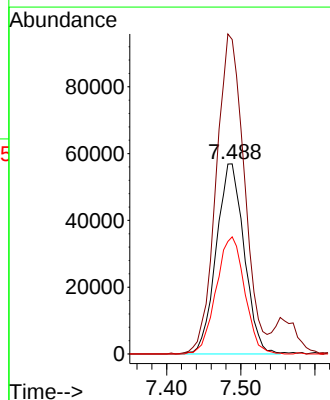
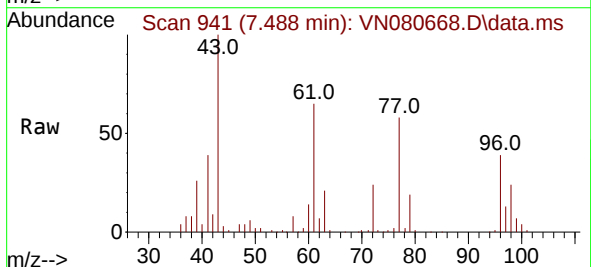
Tgt Ion: 96 Resp: 148580

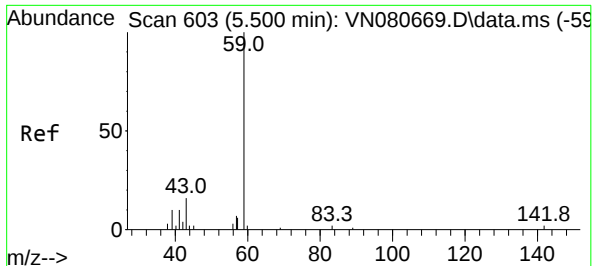
Ion Ratio Lower Upper

96 100

61 170.5 113.5 170.3#

98 62.9 52.0 78.0





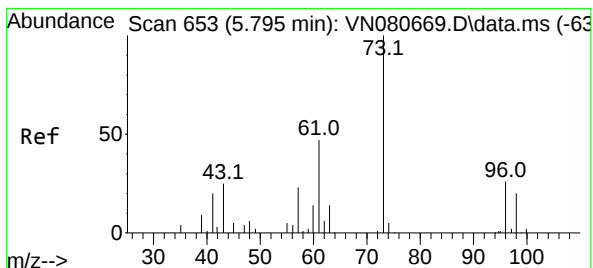
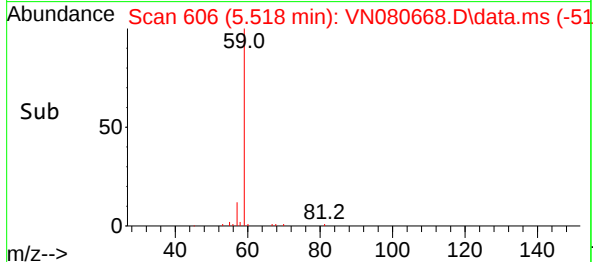
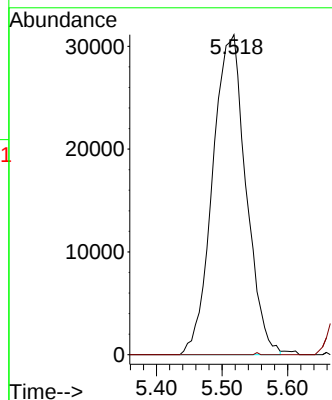
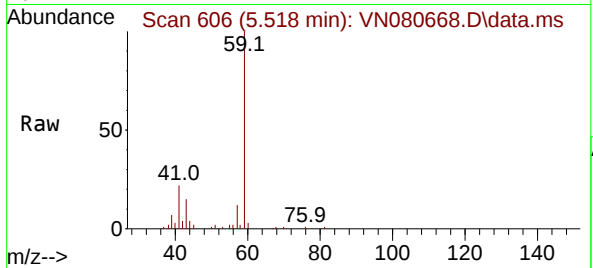
#23
tert-Butyl Alcohol
Concen: 238.038 ug/l
RT: 5.518 min Scan# 603
Delta R.T. 0.018 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 10996
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

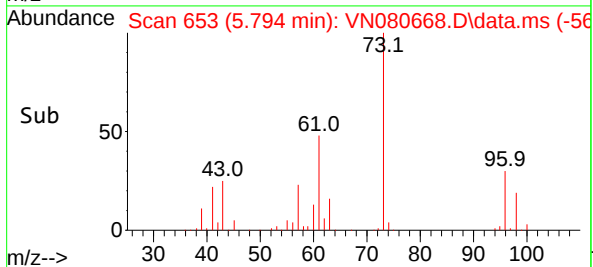
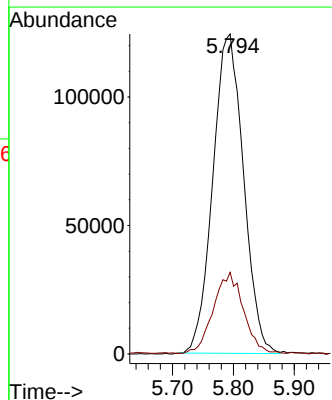
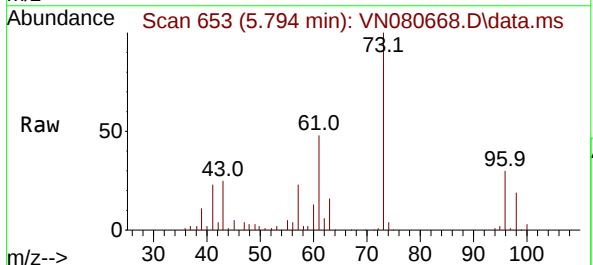
Manual Integrations
APPROVED

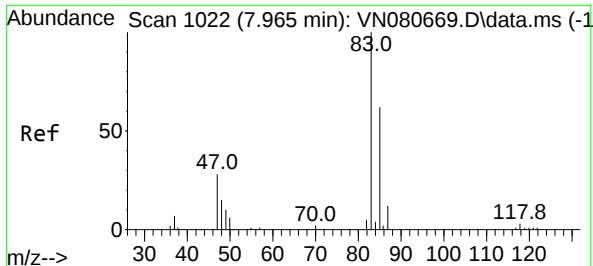
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#24
Methyl tert-Butyl Ether
Concen: 47.829 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.001 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 73 Resp: 434446
Ion Ratio Lower Upper
73 100
43 24.7 13.4 20.2#





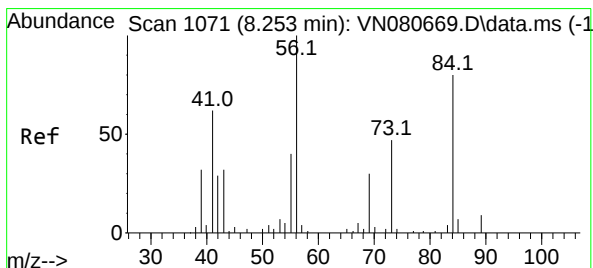
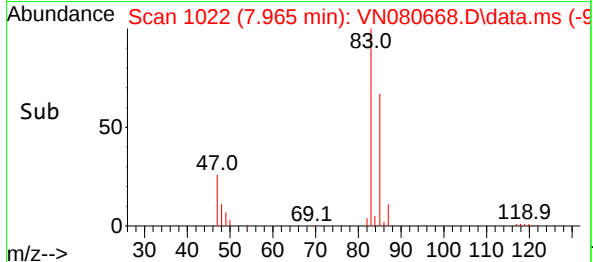
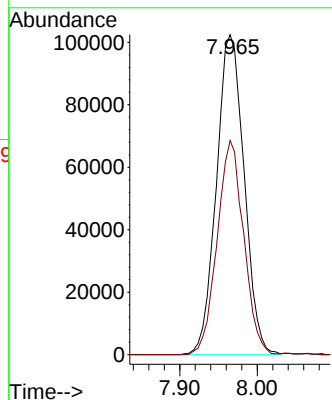
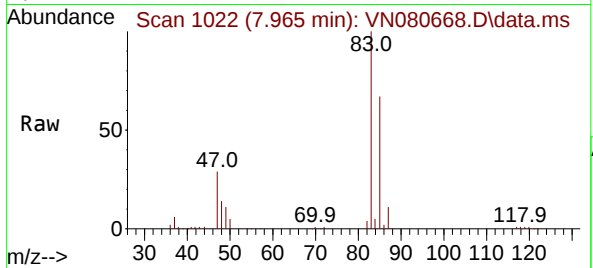
#25
Chloroform
Concen: 48.809 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 25463
Ion Ratio Lower Upper
83 100
85 66.9 50.9 76.3

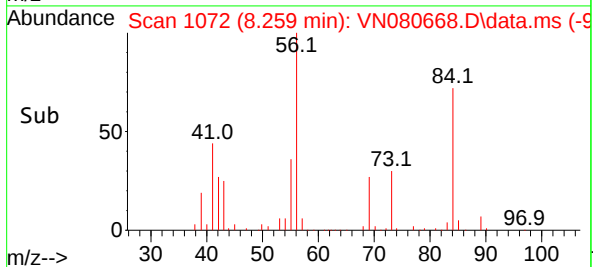
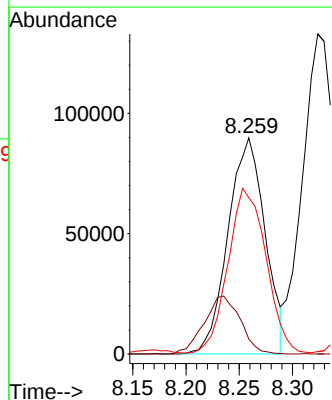
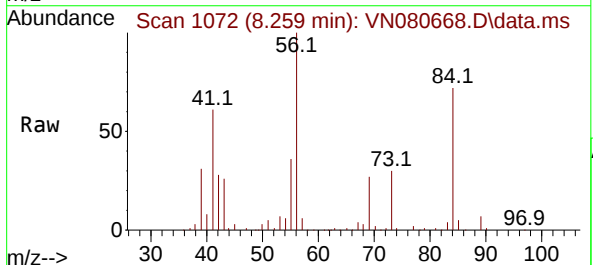
Manual Integrations
APPROVED

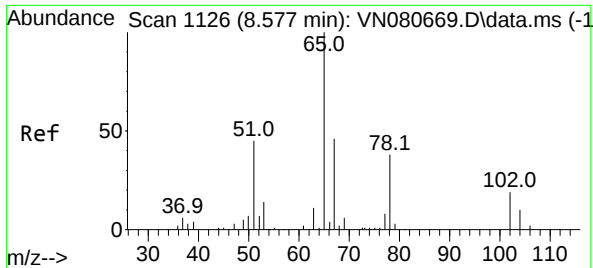
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#26
Cyclohexane
Concen: 49.323 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 56 Resp: 217334
Ion Ratio Lower Upper
56 100
89 26.1 19.3 28.9
84 79.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.773 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

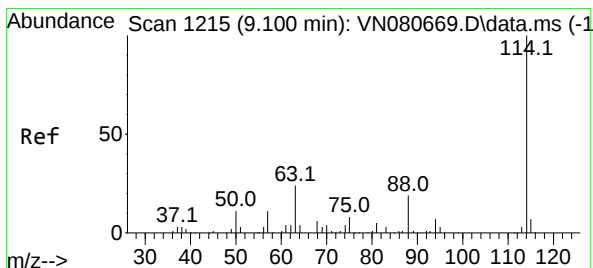
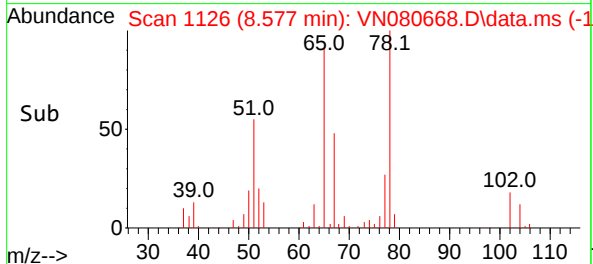
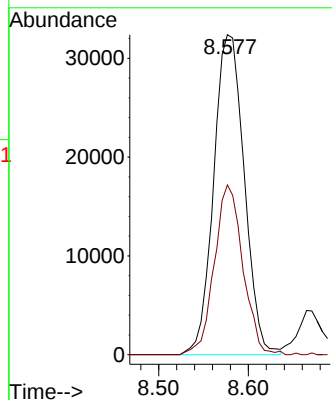
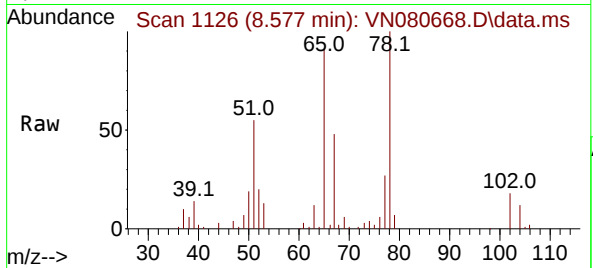
VSTDIC050

Tgt Ion: 65 Resp: 7664
Ion Ratio Lower Upper
65 100
67 49.4 43.2 64.8

Manual Integrations

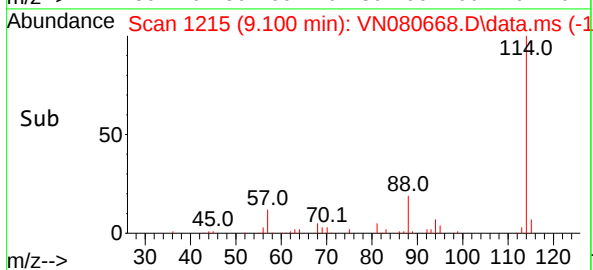
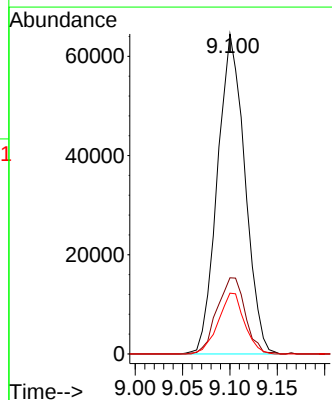
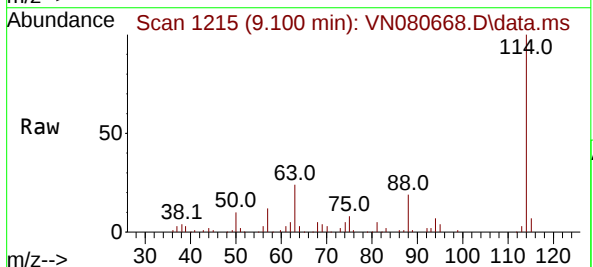
APPROVED

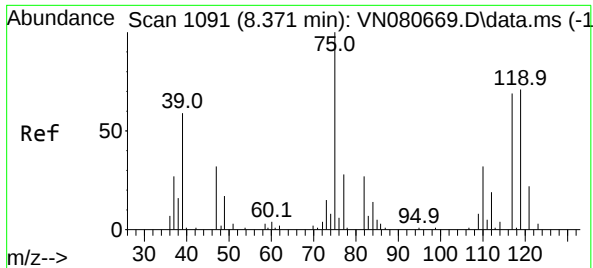
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion:114 Resp: 130053
Ion Ratio Lower Upper
114 100
63 24.4 15.9 23.9#
88 18.1 12.7 19.1





#29
1,1-Dichloropropene
Concen: 48.956 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

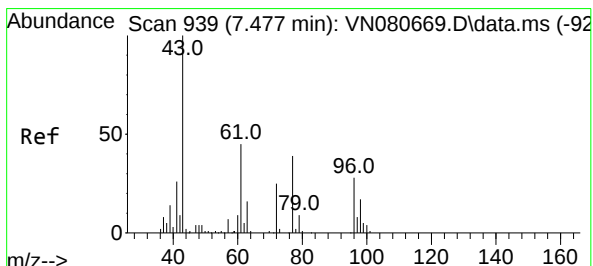
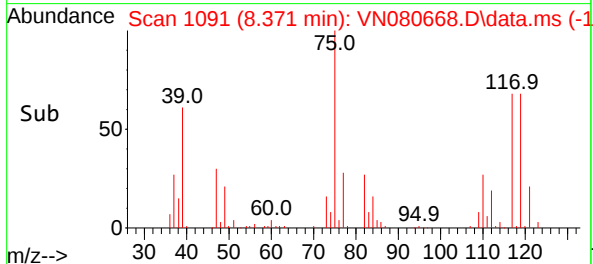
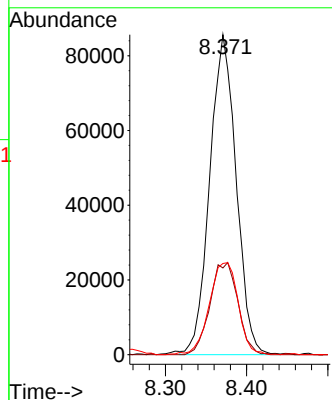
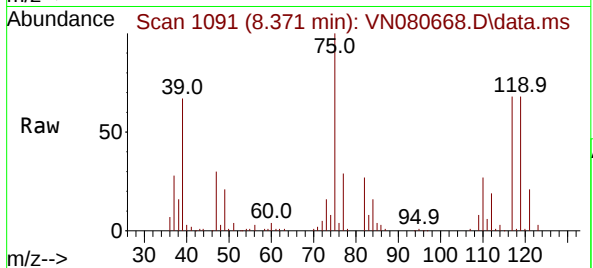
Tgt Ion: 75 Resp: 193539
Ion Ratio Lower Upper
75 100
110 30.4 0.0 70.2
77 31.1 0.0 61.4

Manual Integrations

APPROVED

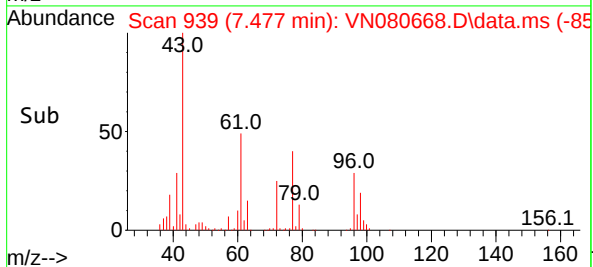
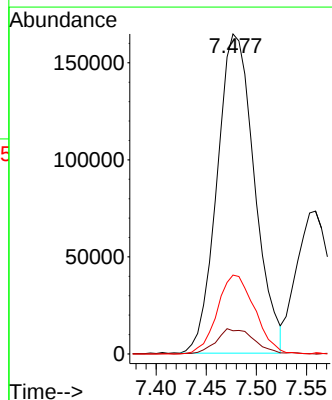
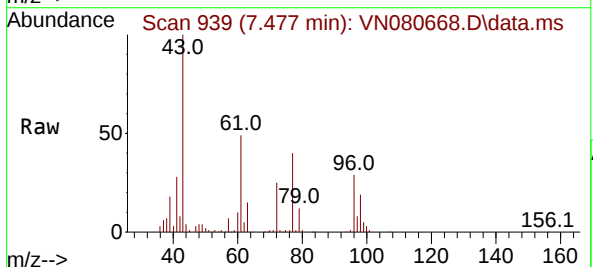
Reviewed By :John Carlone 01/12/2024

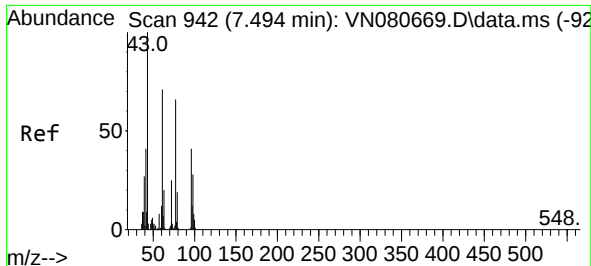
Supervised By :Semsettin Yesilyurt 01/12/2024



#30
2-Butanone
Concen: 244.061 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 43 Resp: 426953
Ion Ratio Lower Upper
43 100
57 4.0 6.7 10.1#
72 24.8 24.0 36.0





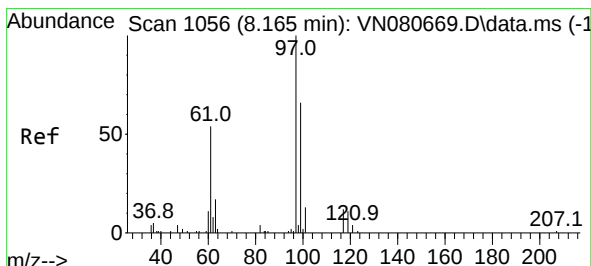
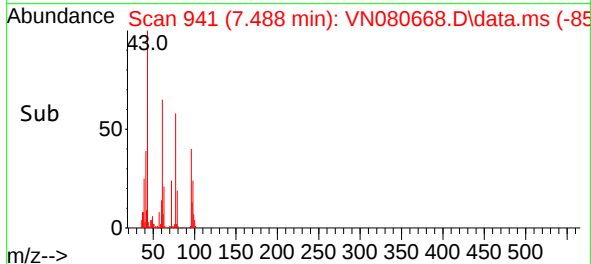
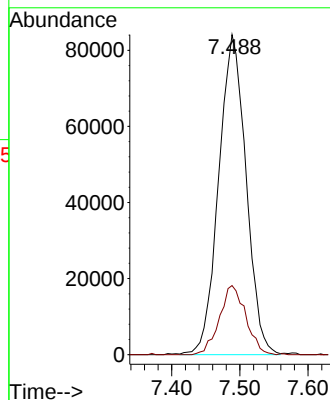
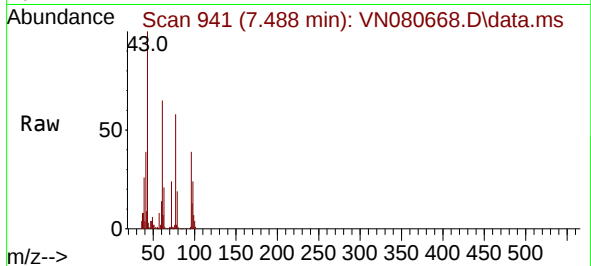
#31
2,2-Dichloropropane
Concen: 49.490 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 77 Resp: 23504
Ion Ratio Lower Upper
77 100
97 20.8 18.3 27.5

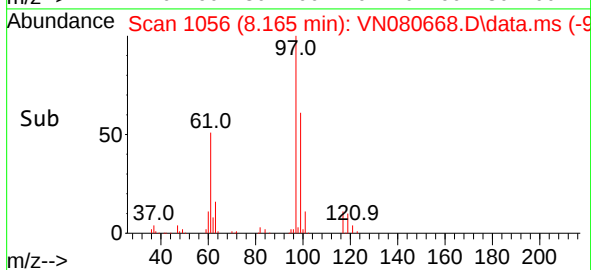
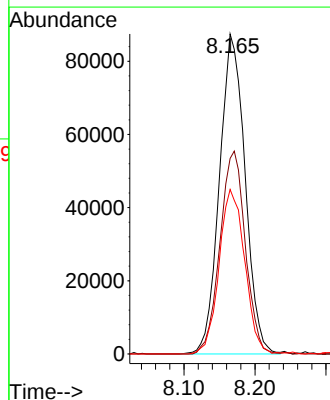
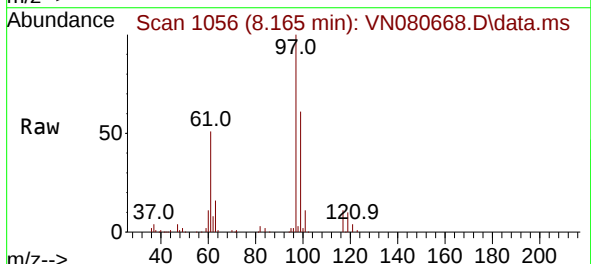
Manual Integrations
APPROVED

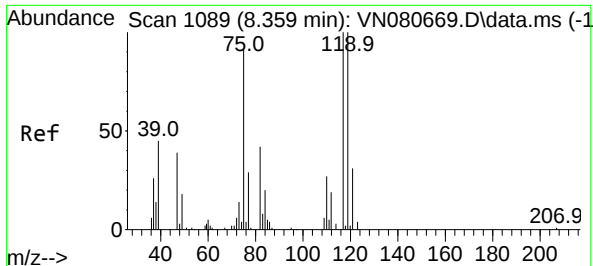
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#32
1,1,1-Trichloroethane
Concen: 50.228 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

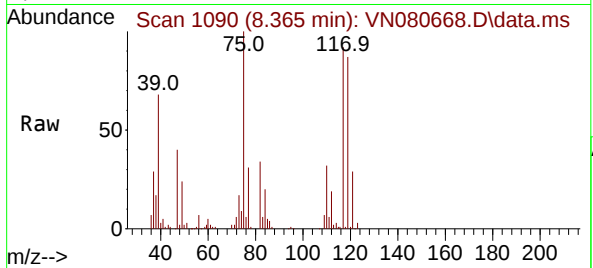
Tgt Ion: 97 Resp: 218498
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.4
61 51.5 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 49.440 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

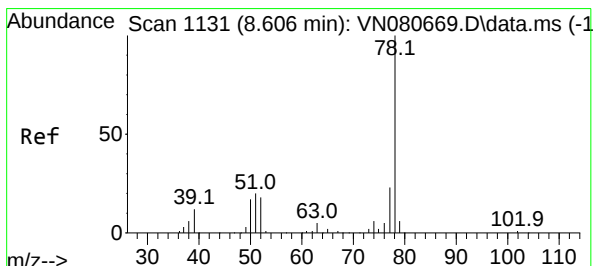
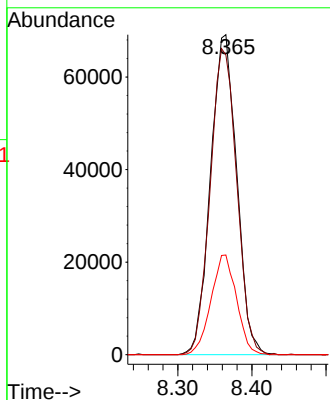
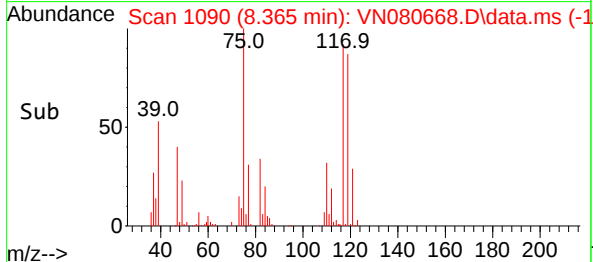
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 169854
Ion Ratio Lower Upper
117 100
119 93.7 77.7 116.5
121 31.2 27.0 40.6

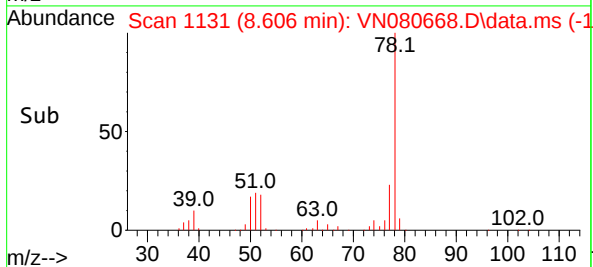
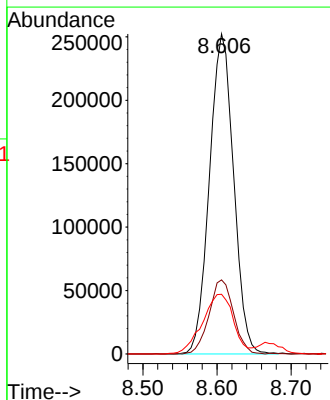
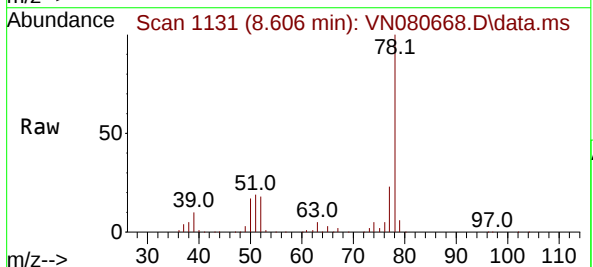
Manual Integrations
APPROVED

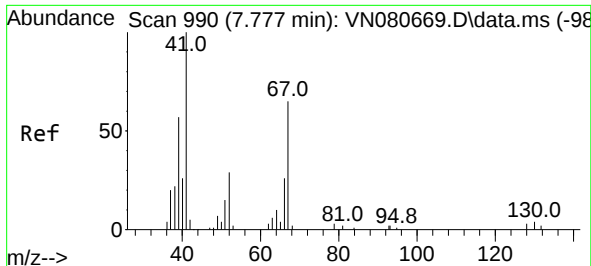
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#34
Benzene
Concen: 48.692 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

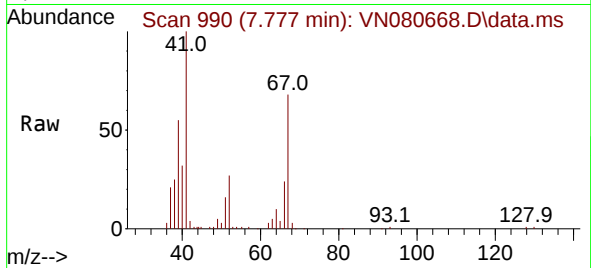
Tgt Ion: 78 Resp: 570976
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8
51 18.2 13.3 19.9





#35
Methacrylonitrile
Concen: 52.462 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

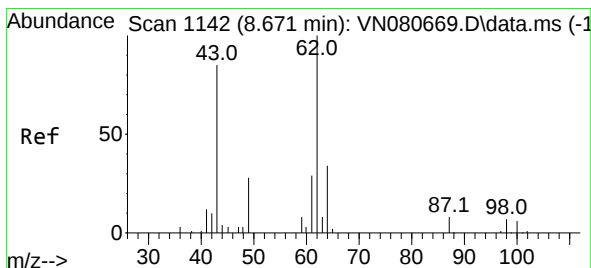
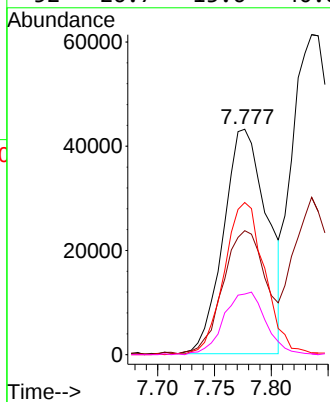
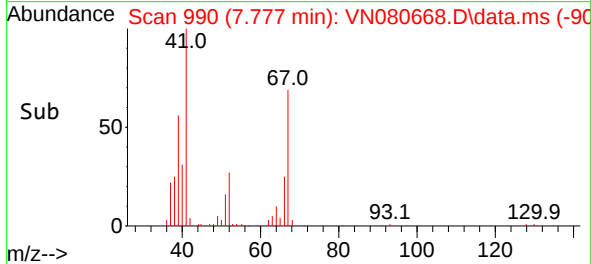
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 11516
Ion Ratio Lower Upper
41 100
39 54.8 25.3 75.9
67 67.3 38.7 116.1
52 26.7 13.6 40.8

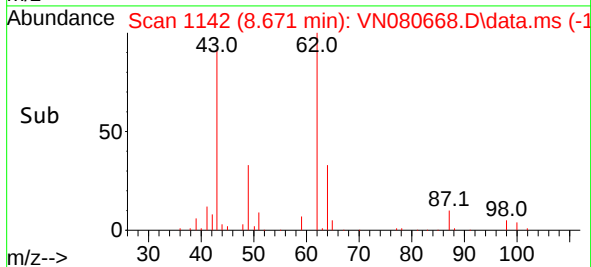
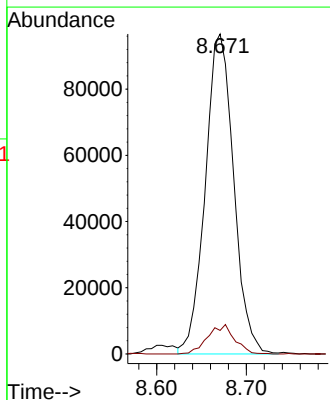
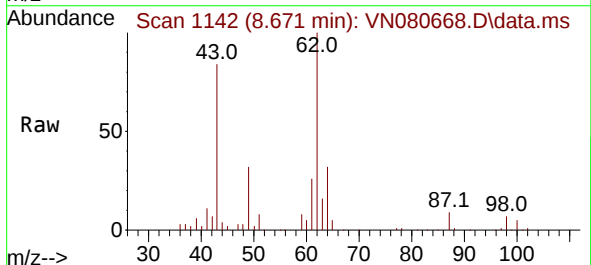
Manual Integrations
APPROVED

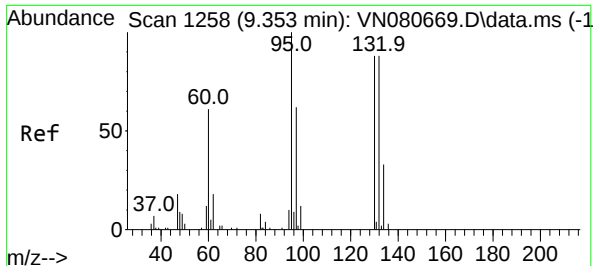
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#36
1,2-Dichloroethane
Concen: 49.314 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

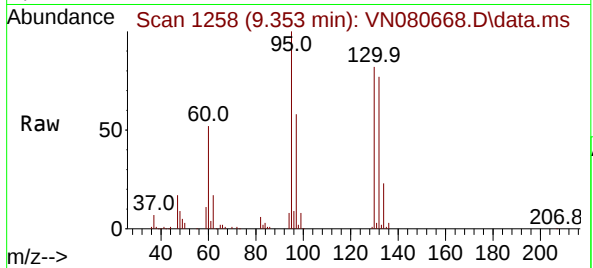
Tgt Ion: 62 Resp: 212629
Ion Ratio Lower Upper
62 100
98 8.7 8.2 12.4





#37
Trichloroethene
Concen: 49.520 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

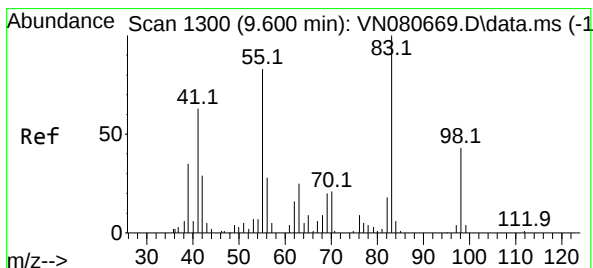
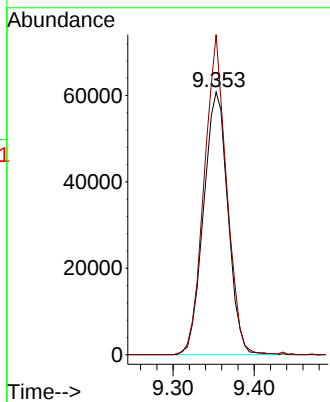
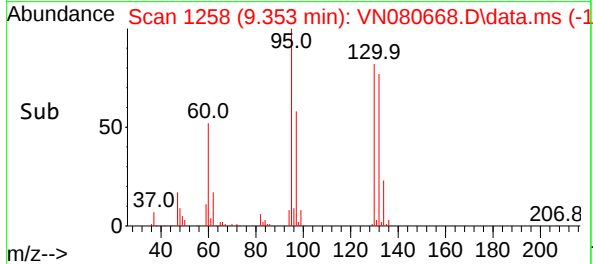
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 126639
Ion Ratio Lower Upper
130 100
95 121.5 80.2 120.4

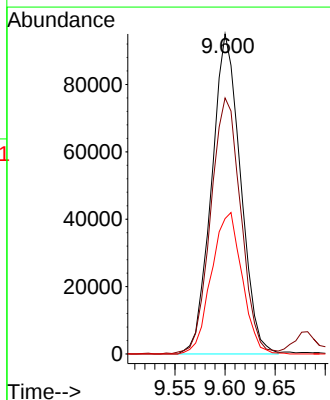
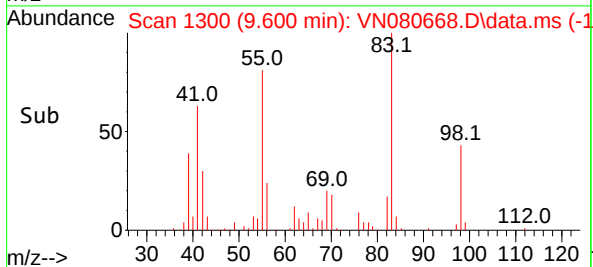
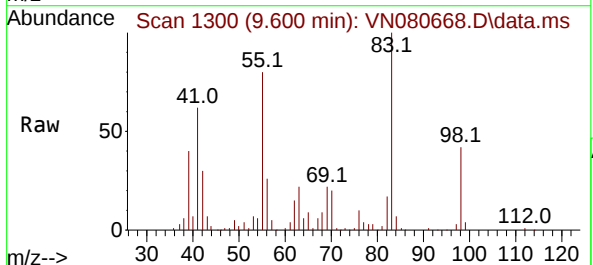
Manual Integrations
APPROVED

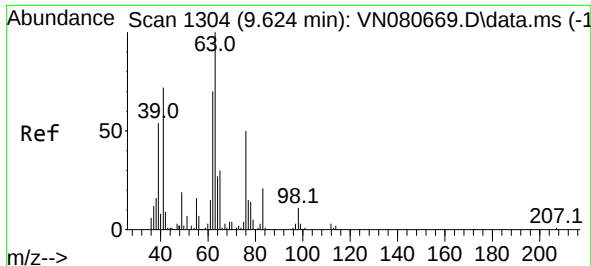
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#38
Methylcyclohexane
Concen: 49.513 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 83 Resp: 190693
Ion Ratio Lower Upper
83 100
55 83.3 36.6 109.9
98 46.8 23.8 71.5





#39

1,2-Dichloropropane

Concen: 48.581 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 15354

Ion Ratio Lower Upper

63 100

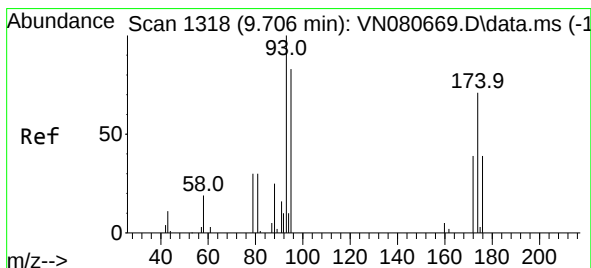
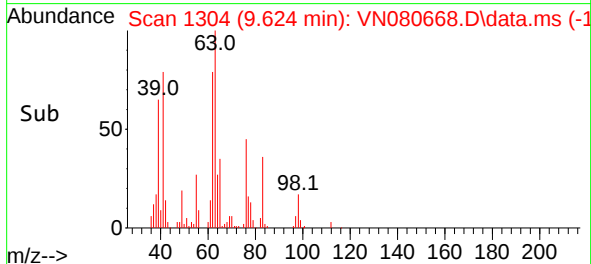
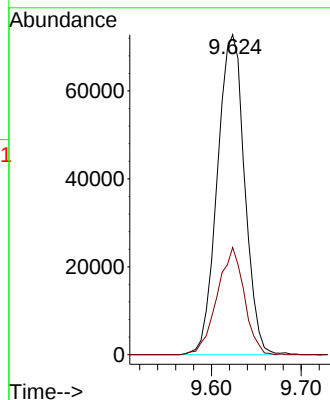
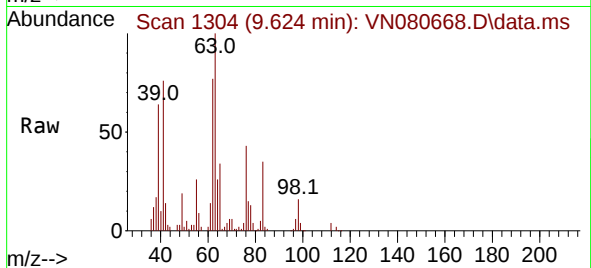
65 33.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#40

Dibromomethane

Concen: 48.338 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

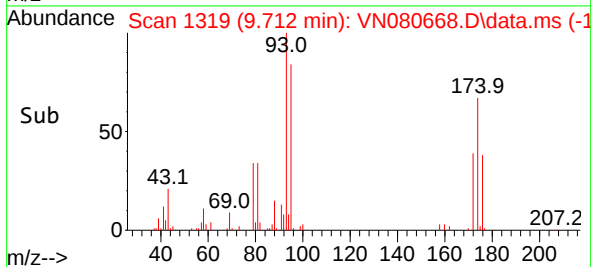
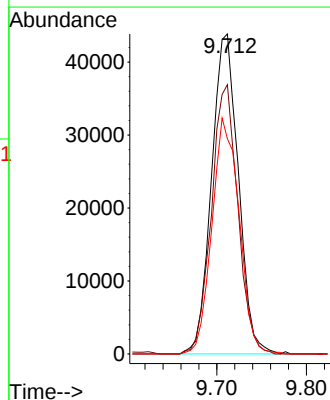
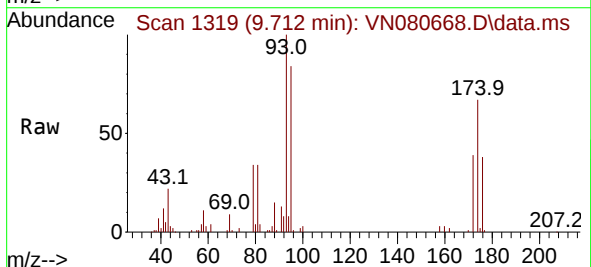
Tgt Ion: 93 Resp: 90902

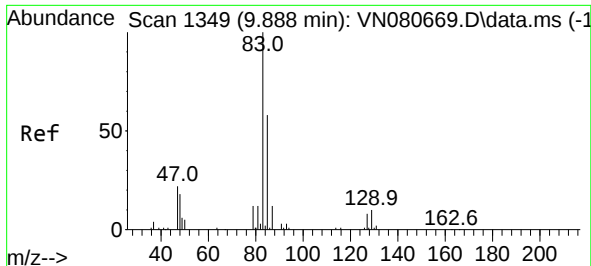
Ion Ratio Lower Upper

93 100

95 82.9 0.0 164.6

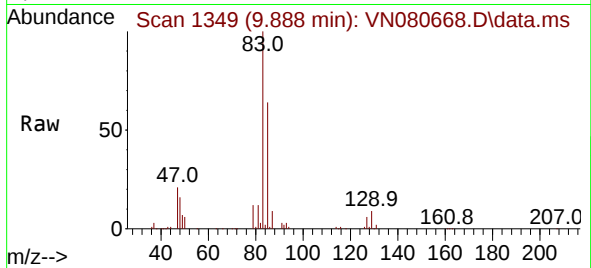
174 74.8 0.0 193.2





#41
Bromodichloromethane
Concen: 49.848 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

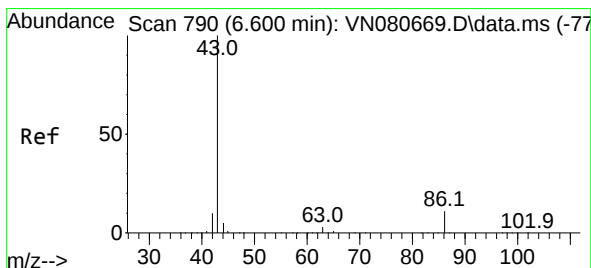
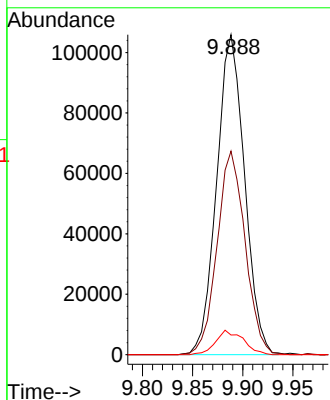
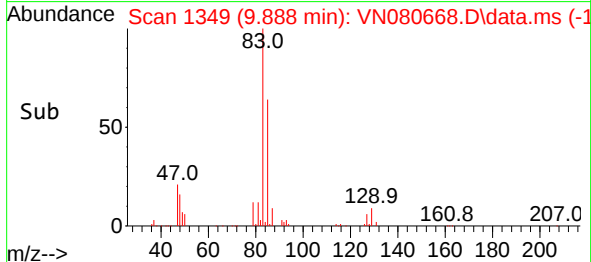
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 205130
Ion Ratio Lower Upper
83 100
85 63.6 49.4 74.2
127 6.2 7.3 10.9

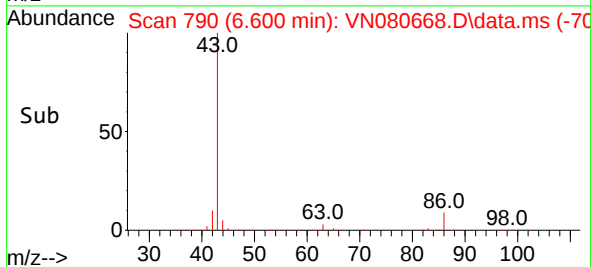
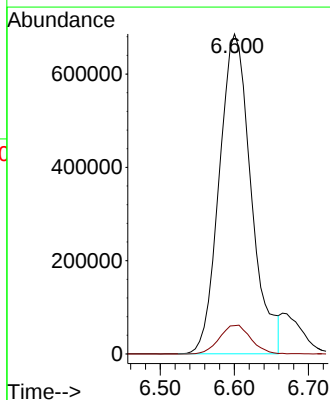
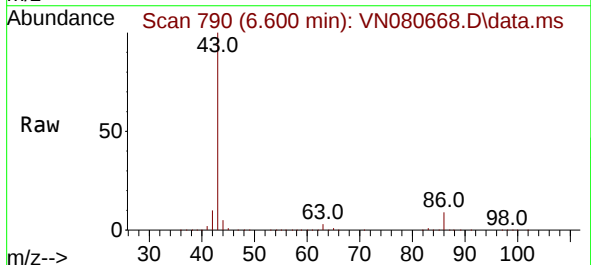
Manual Integrations
APPROVED

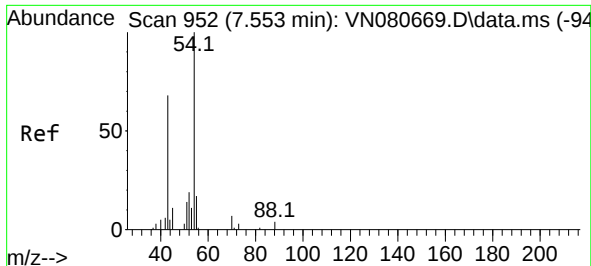
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#42
Vinyl Acetate
Concen: 251.918 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 43 Resp: 2048276
Ion Ratio Lower Upper
43 100
86 8.9 9.4 14.2#





#43

Ethyl Acetate

Concen: 50.006 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 183692

Ion Ratio Lower Upper

43 100

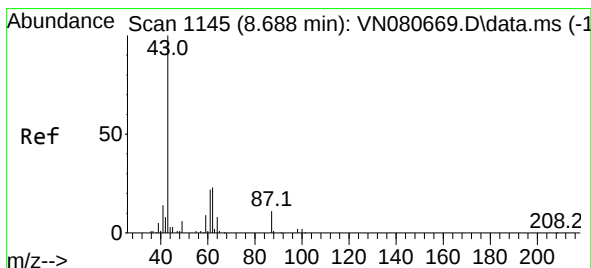
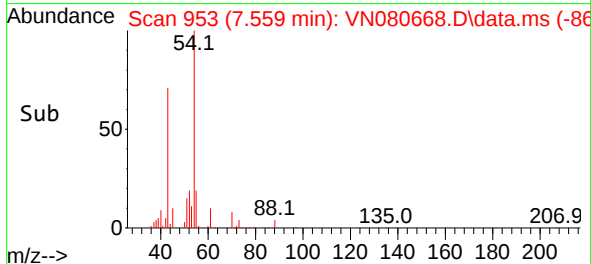
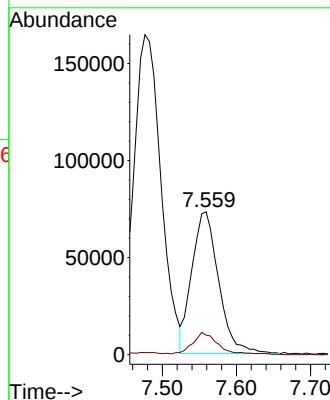
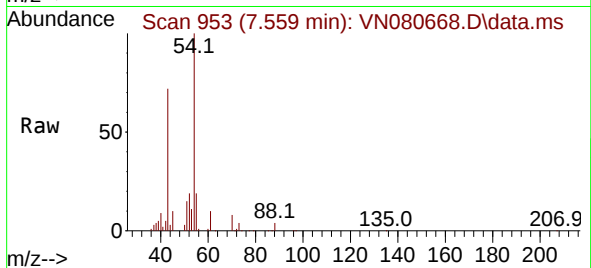
45 14.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#44

Isopropyl Acetate

Concen: 49.437 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080668.D

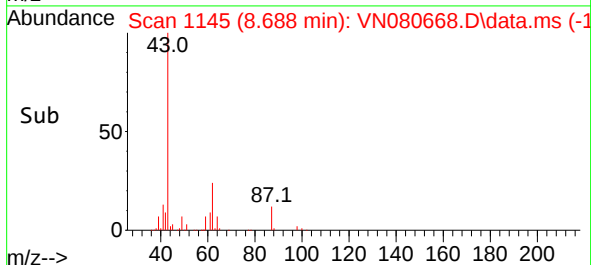
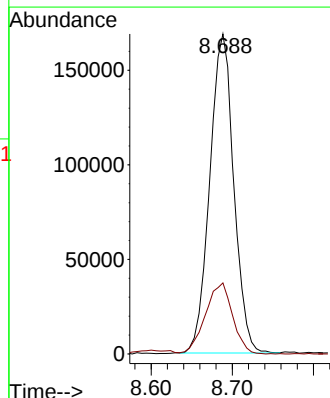
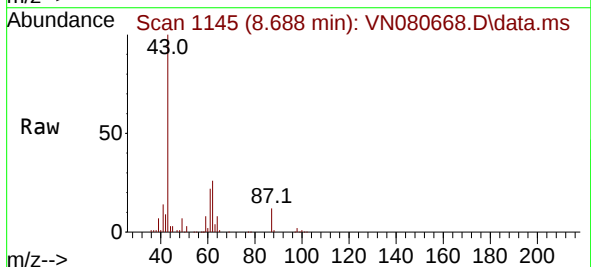
Acq: 11 Jan 2024 10:53

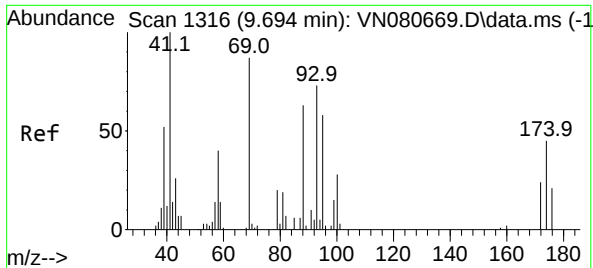
Tgt Ion: 43 Resp: 346662

Ion Ratio Lower Upper

43 100

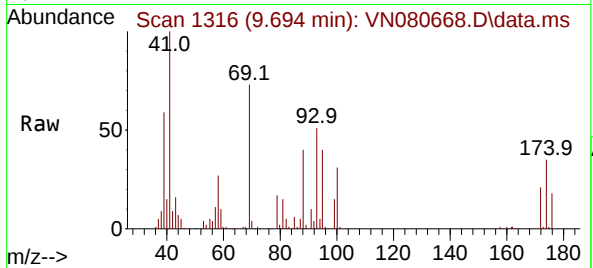
61 25.1 25.0 37.4





#45
1,4-Dioxane
Concen: 948.120 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

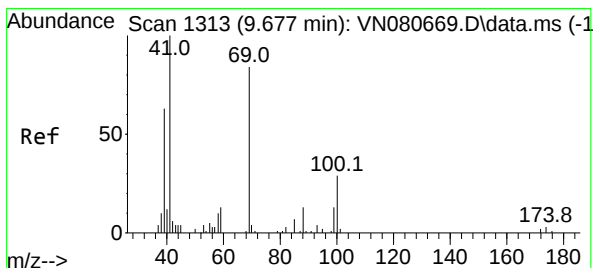
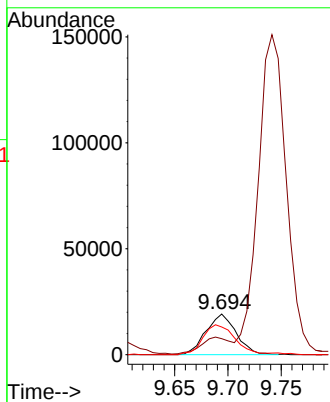
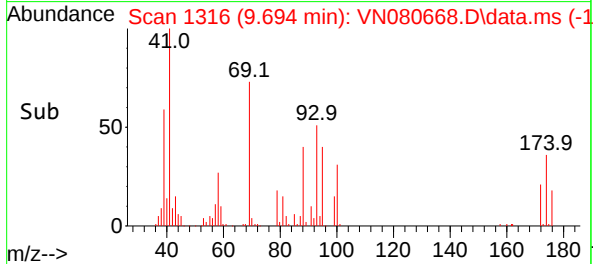
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



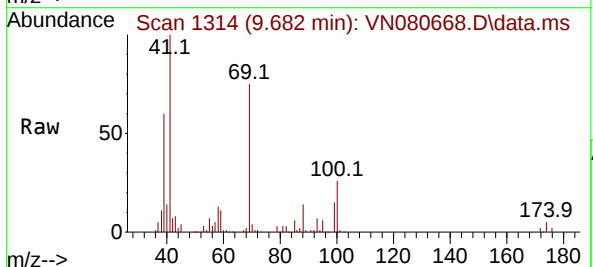
Tgt Ion: 88 Resp: 37812
Ion Ratio Lower Upper
88 100
43 40.4 19.8 29.6
58 77.8 55.4 83.0

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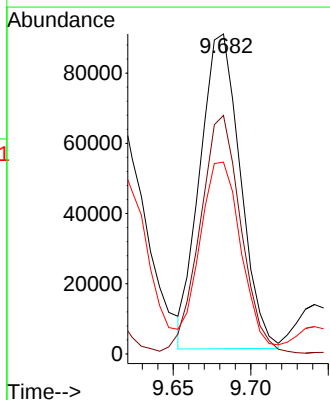
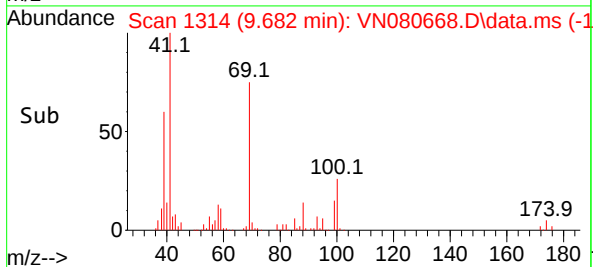
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

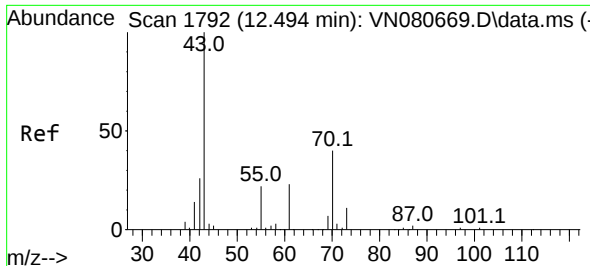


#46
Methyl methacrylate
Concen: 49.163 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.005 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53



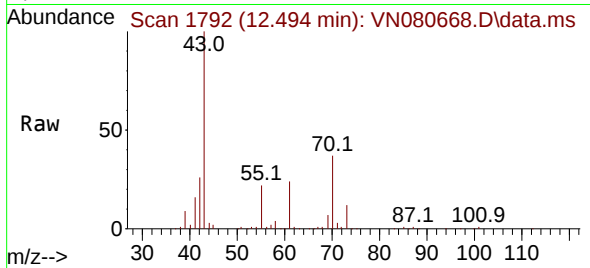
Tgt Ion: 41 Resp: 162333
Ion Ratio Lower Upper
41 100
69 75.5 51.1 153.3
39 59.0 25.8 77.3





#47
n-amyl Acetate
Concen: 49.323 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

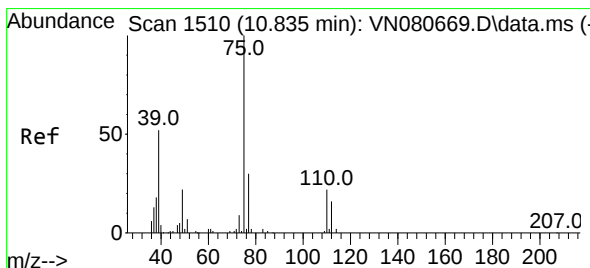
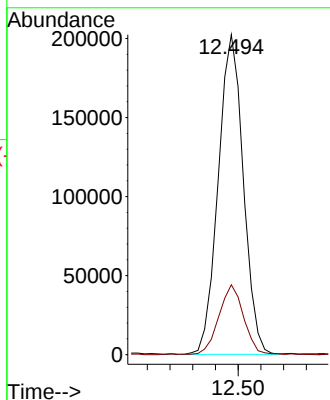
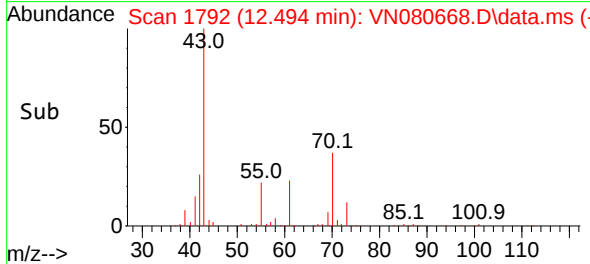
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



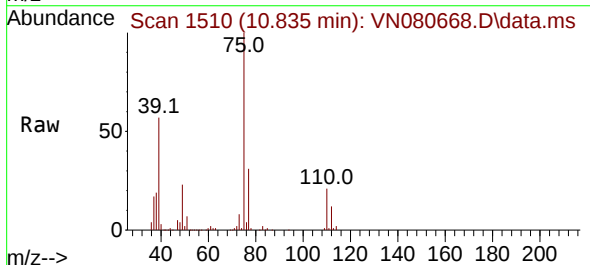
Tgt Ion: 43 Resp: 31010
Ion Ratio Lower Upper
43 100
55 21.4 23.4 35.2

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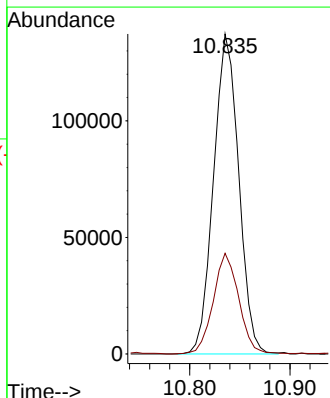
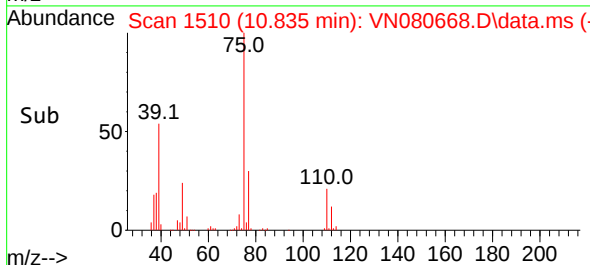
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

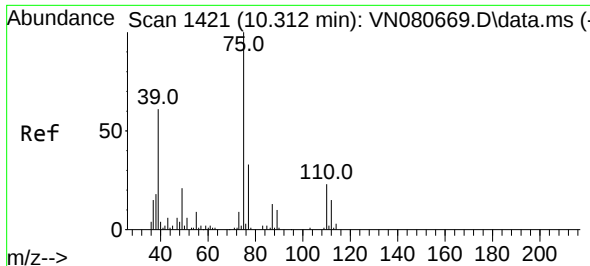


#48
t-1,3-Dichloropropene
Concen: 49.292 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53



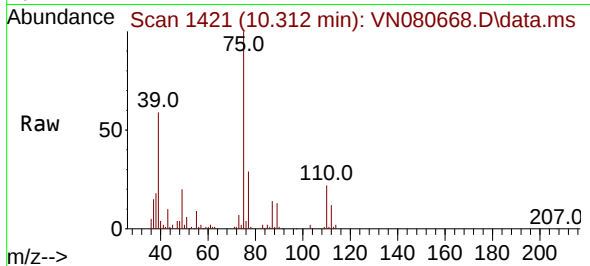
Tgt Ion: 75 Resp: 239014
Ion Ratio Lower Upper
75 100
77 31.3 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 49.952 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

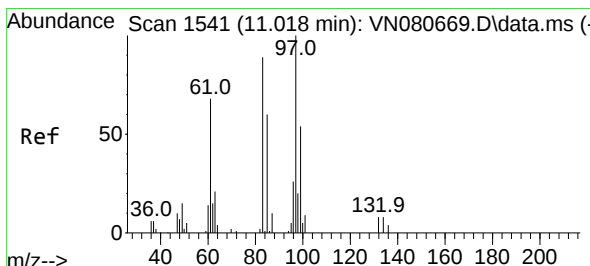
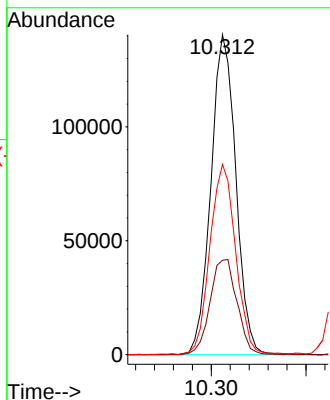
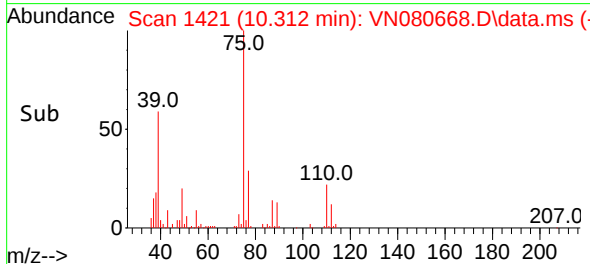
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050



Tgt Ion: 75 Resp: 257085
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.9 37.3
 39 59.3 31.0 46.6

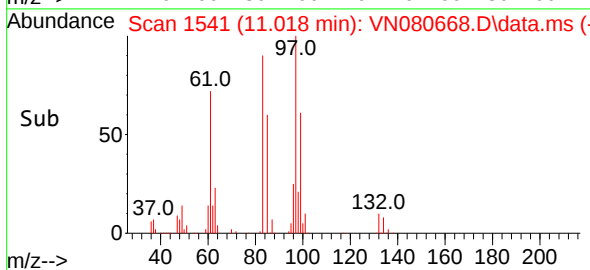
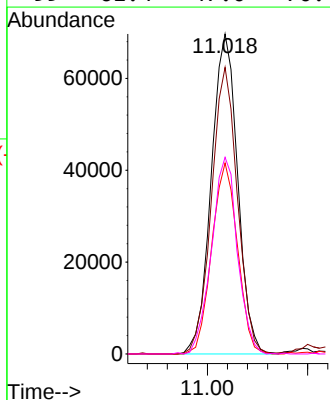
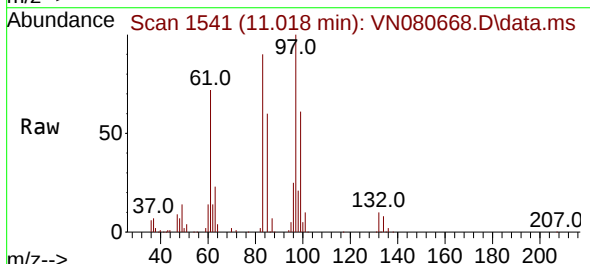
Manual Integrations
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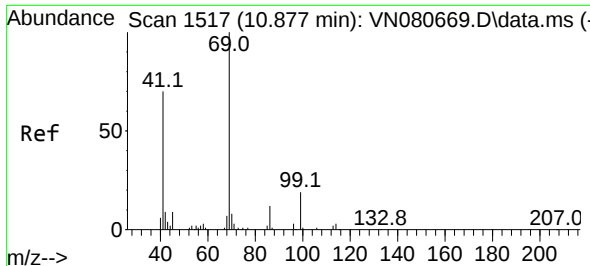
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#50
 1,1,2-Trichloroethane
 Concen: 49.212 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

Tgt Ion: 97 Resp: 127096
 Ion Ratio Lower Upper
 97 100
 83 89.6 68.1 102.1
 85 59.7 41.8 62.6
 99 61.4 47.0 70.4





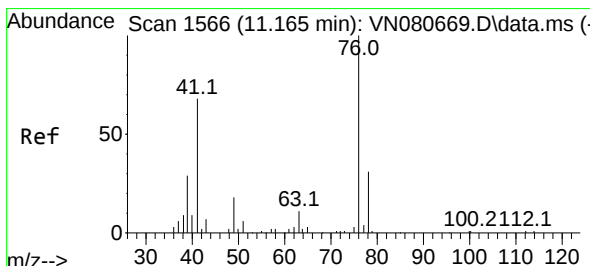
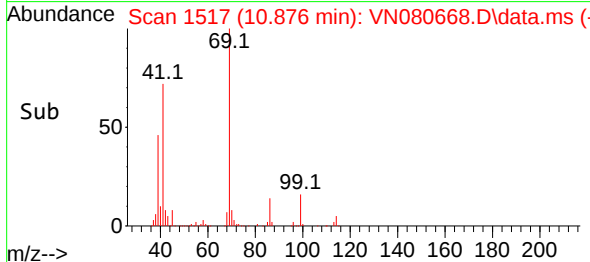
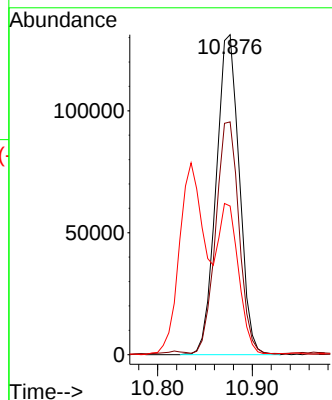
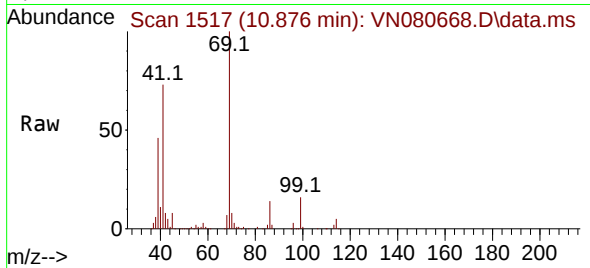
#51
Ethyl methacrylate
Concen: 49.951 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 69 Resp: 223000
Ion Ratio Lower Upper
69 100
41 72.4 25.5 76.5
39 46.1 16.0 47.9

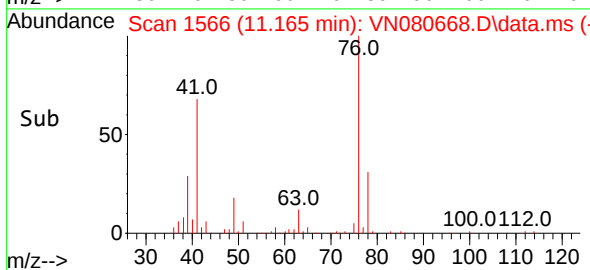
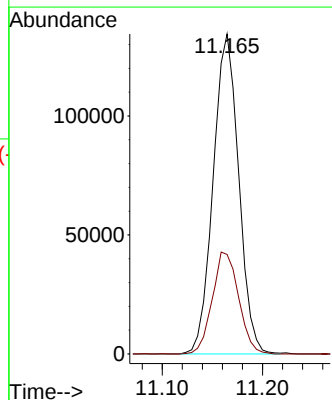
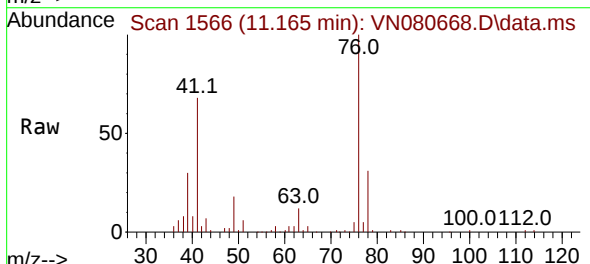
Manual Integrations
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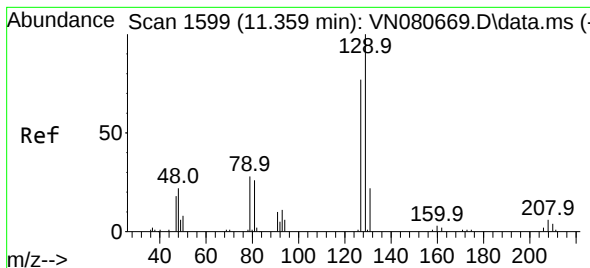
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#52
1,3-Dichloropropane
Concen: 48.899 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

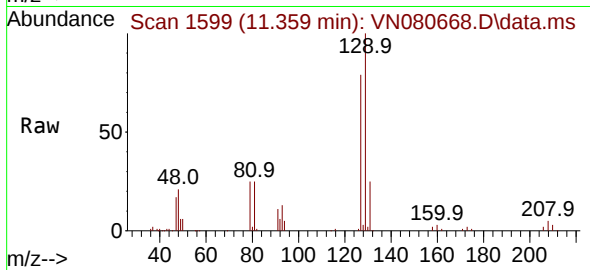
Tgt Ion: 76 Resp: 237745
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.8





#53
Dibromochloromethane
Concen: 50.272 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

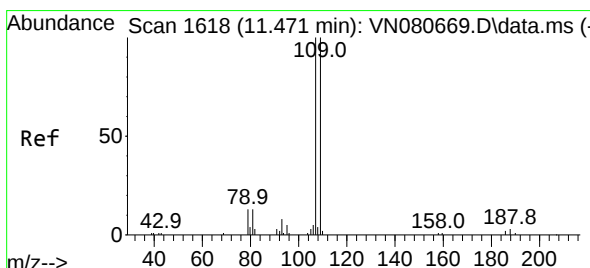
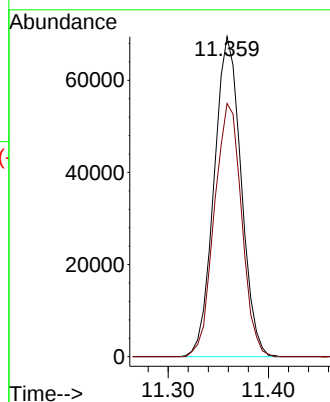
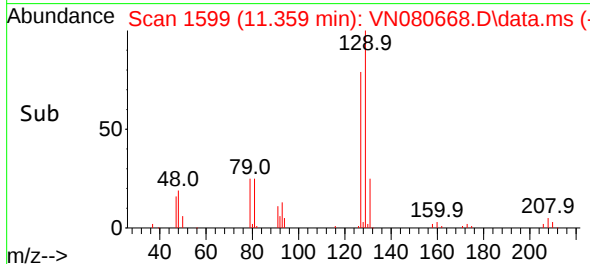
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



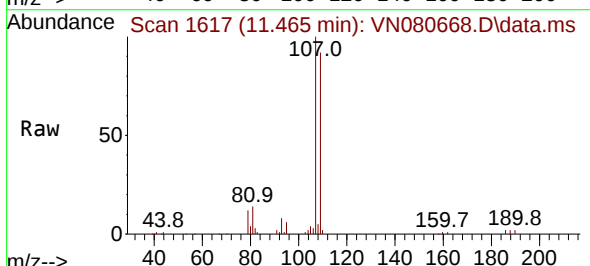
Tgt Ion:129 Resp: 12992
Ion Ratio Lower Upper
129 100
127 79.8 39.4 118.1

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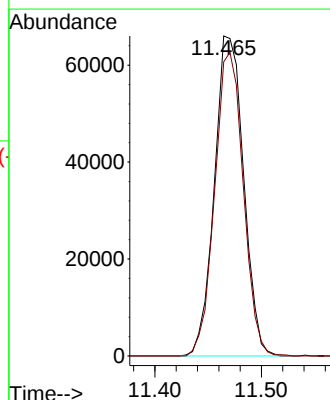
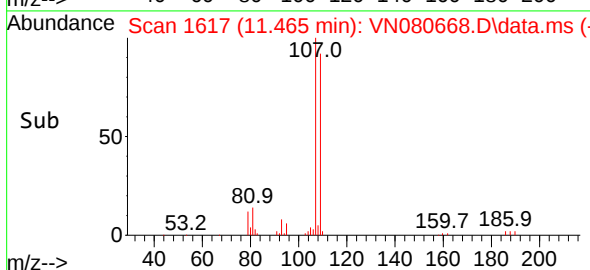
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

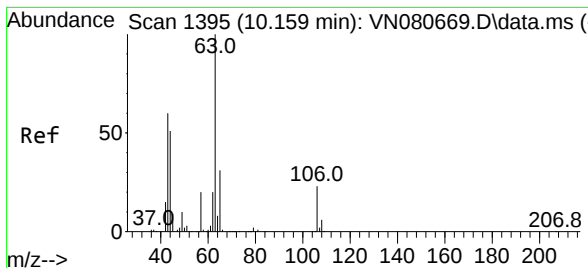


#54
1,2-Dibromoethane
Concen: 49.455 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53



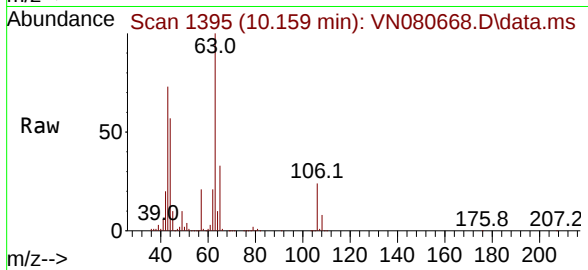
Tgt Ion:107 Resp: 125550
Ion Ratio Lower Upper
107 100
109 92.8 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 248.828 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

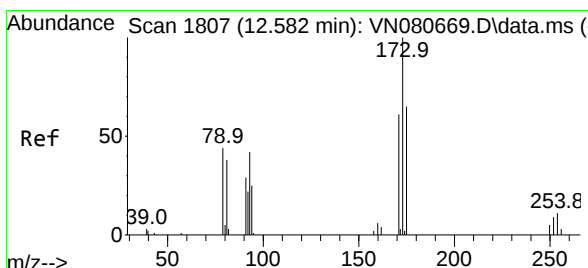
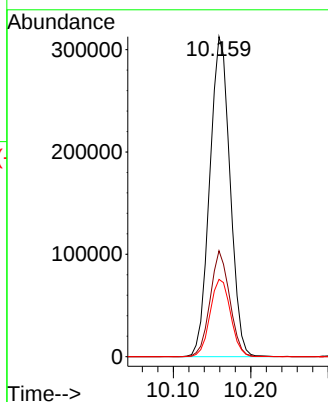
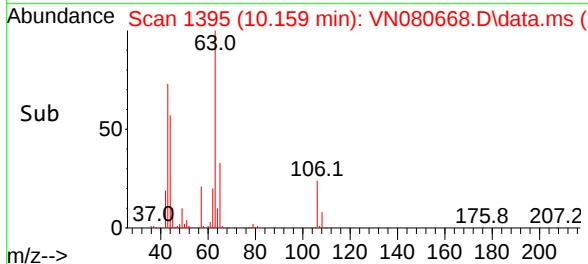
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 570984
Ion Ratio Lower Upper
63 100
65 31.8 26.2 39.2
106 24.4 23.8 35.8

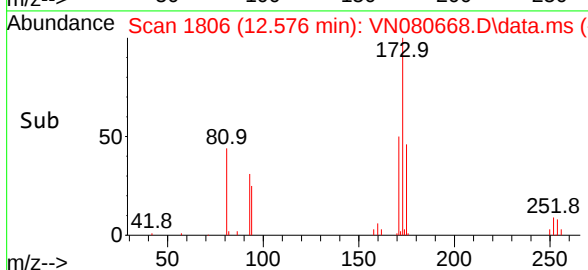
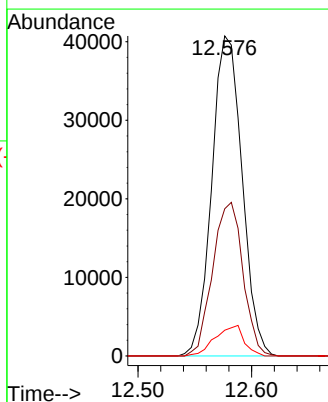
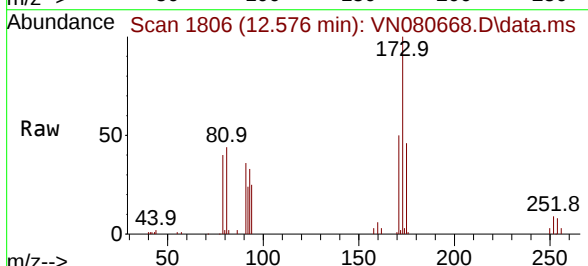
Manual Integrations
APPROVED

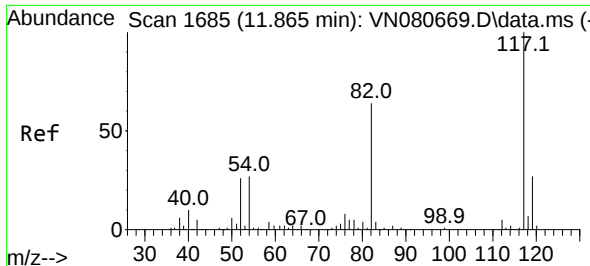
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#56
Bromoform
Concen: 49.438 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

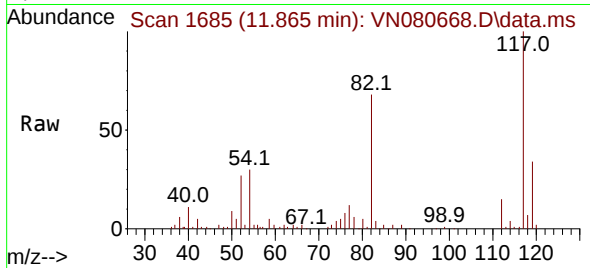
Tgt Ion:173 Resp: 75474
Ion Ratio Lower Upper
173 100
175 48.0 40.0 60.0
254 9.1 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

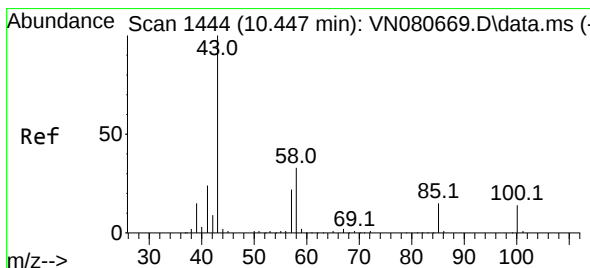
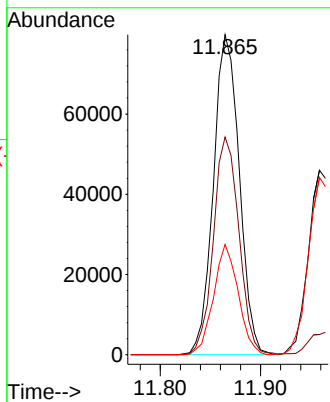
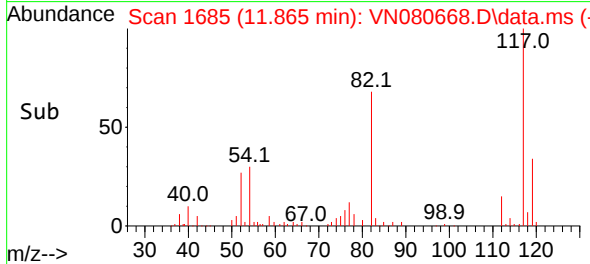
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



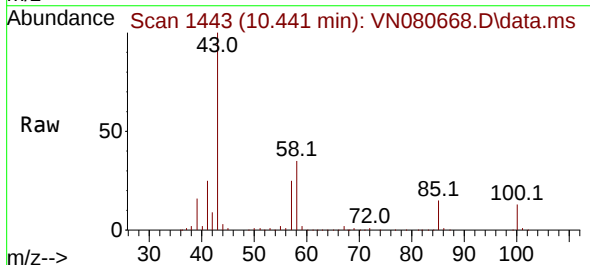
Tgt Ion:117 Resp: 142769
Ion Ratio Lower Upper
117 100
82 67.2 46.6 69.8
119 32.8 25.4 38.2

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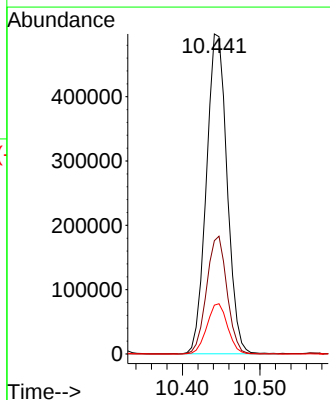
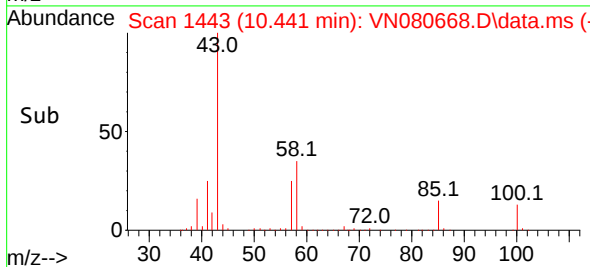
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

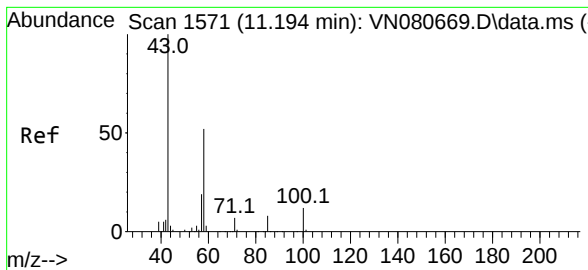


#58
4-Methyl-2-Pentanone
Concen: 246.627 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53



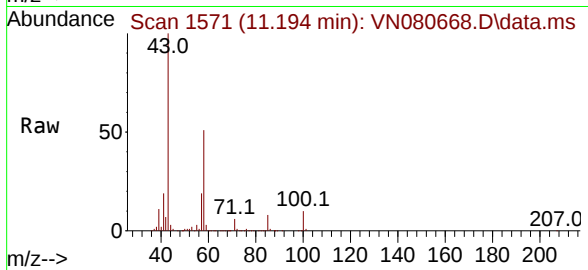
Tgt Ion: 43 Resp: 926251
Ion Ratio Lower Upper
43 100
58 36.3 36.5 54.7#
85 15.7 19.5 29.3#





#59
2-Hexanone
Concen: 252.465 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

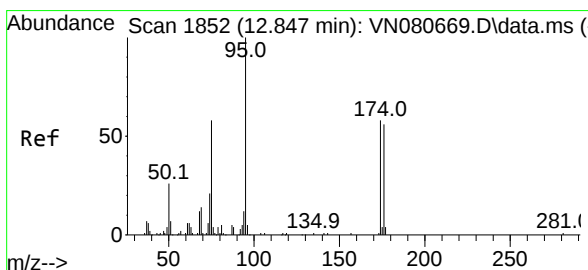
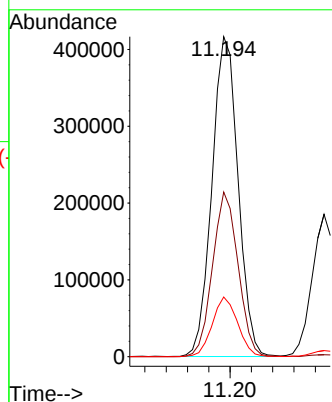
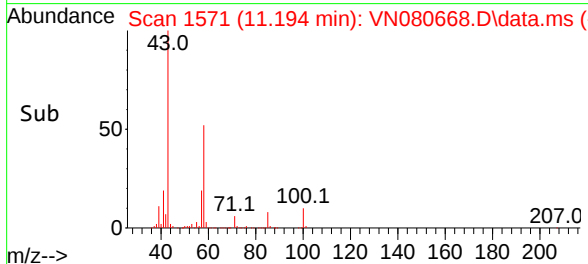
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 707938
Ion Ratio Lower Upper
43 100
58 50.3 50.4 75.6#
57 18.2 18.6 27.8#

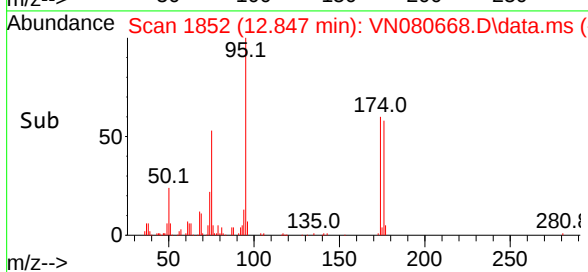
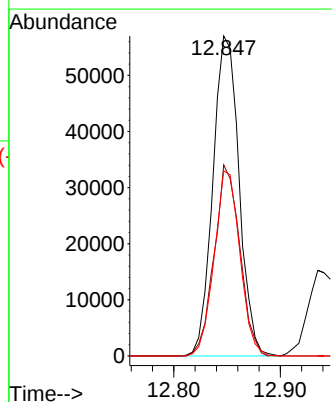
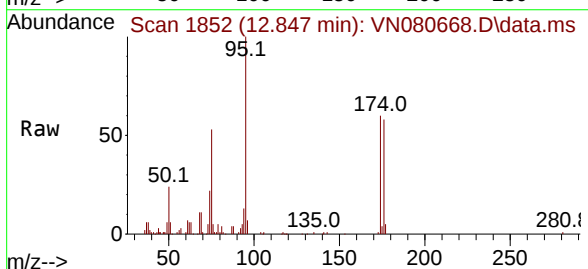
Manual Integrations
APPROVED

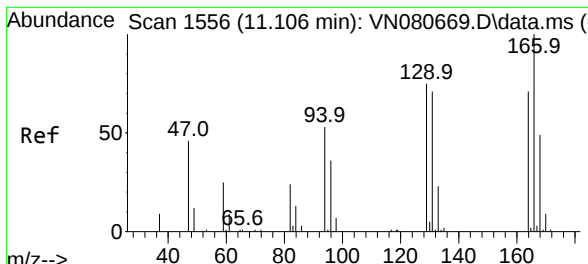
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#60
4-Bromofluorobenzene
Concen: 30.818 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

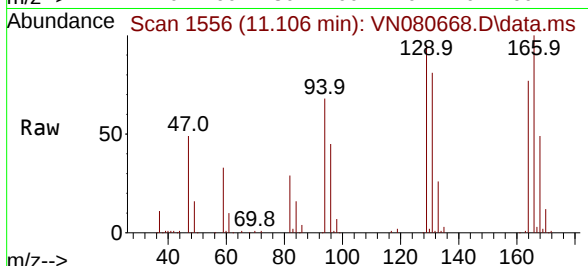
Tgt Ion: 95 Resp: 97332
Ion Ratio Lower Upper
95 100
174 58.3 60.5 90.7#
176 56.6 57.8 86.6#





#61
Tetrachloroethene
Concen: 49.058 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

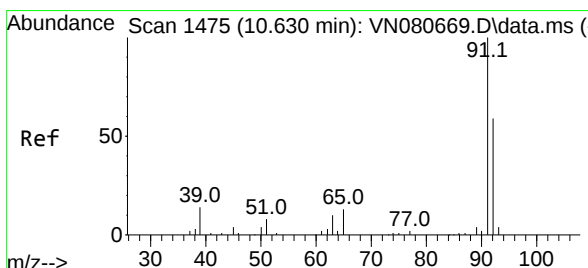
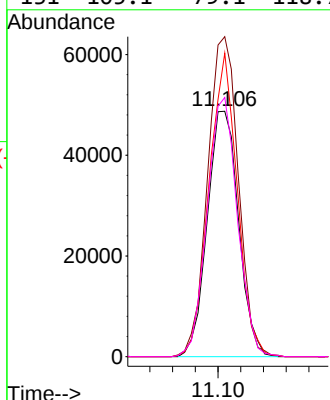
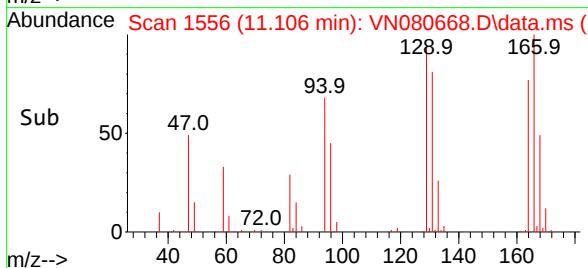
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:164 Resp: 93233
Ion Ratio Lower Upper
164 100
166 129.8 106.7 160.1
129 123.2 85.8 128.6
131 105.1 79.1 118.7

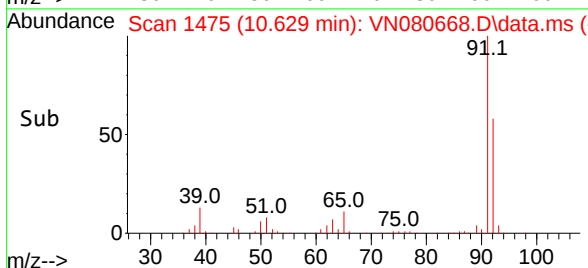
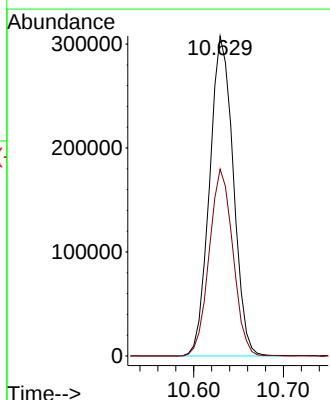
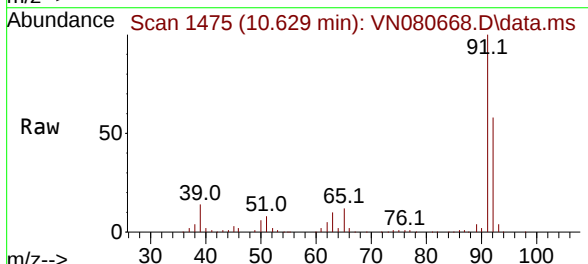
Manual Integrations
APPROVED

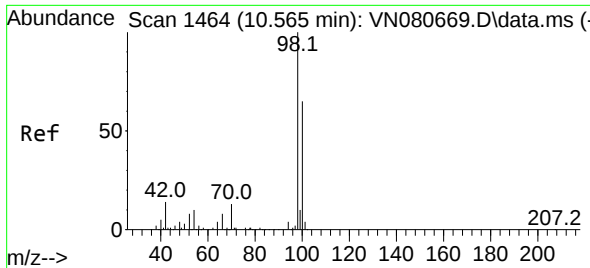
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#62
Toluene
Concen: 49.156 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 91 Resp: 564457
Ion Ratio Lower Upper
91 100
92 58.3 46.5 69.7





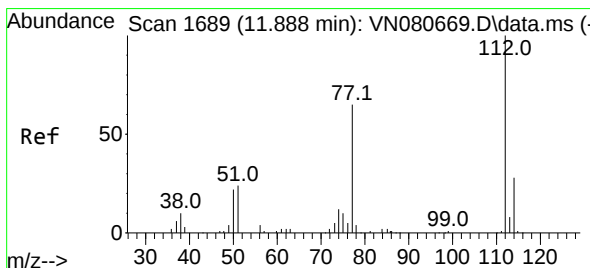
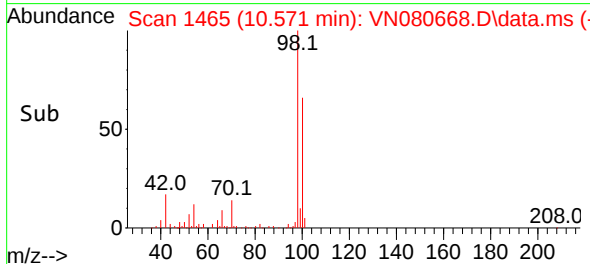
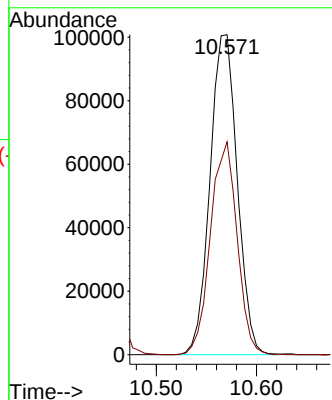
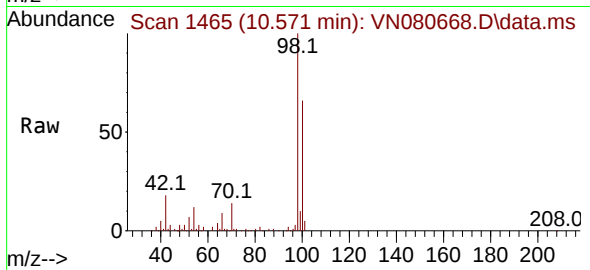
#63
Toluene-d8
Concen: 30.421 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 98 Resp: 190612
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

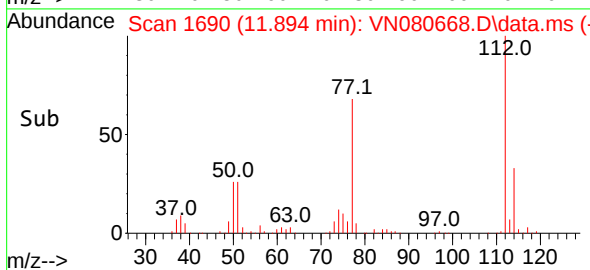
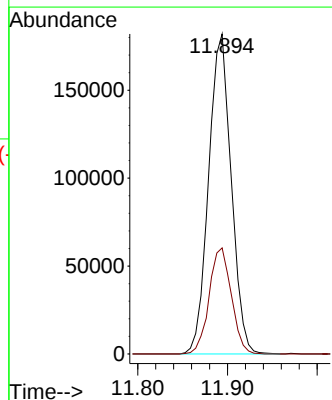
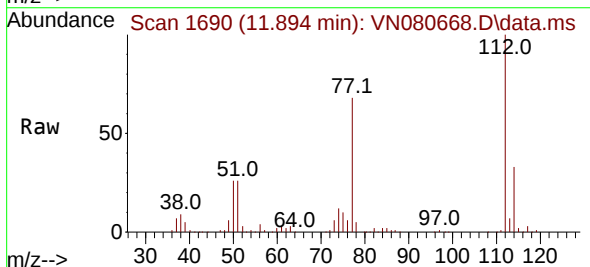
Manual Integrations
APPROVED

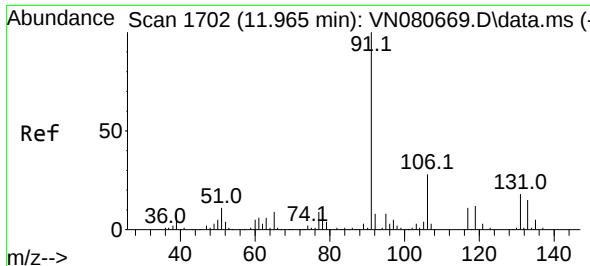
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#64
Chlorobenzene
Concen: 49.751 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

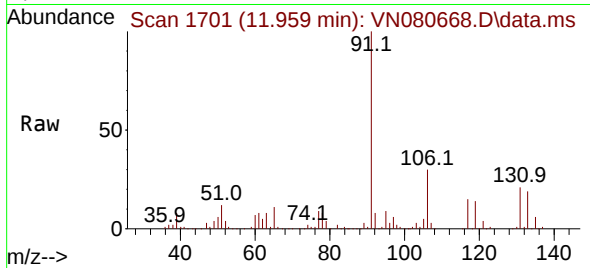
Tgt Ion:112 Resp: 318195
Ion Ratio Lower Upper
112 100
114 33.1 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 50.380 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

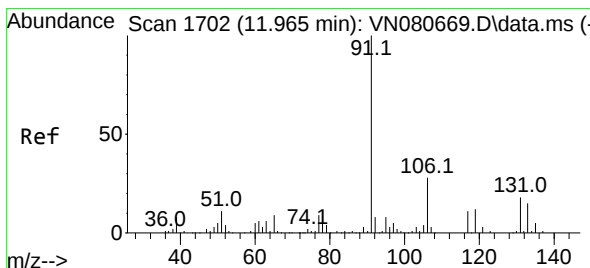
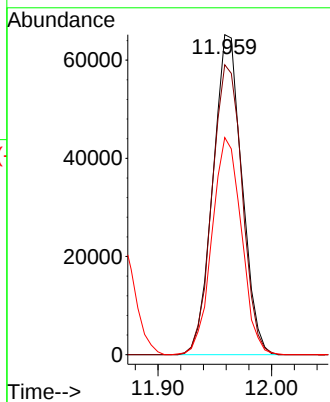
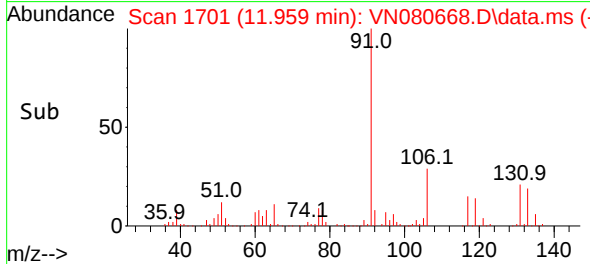
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 115772
Ion Ratio Lower Upper
131 100
133 93.9 0.0 188.0
119 68.7 0.0 122.8

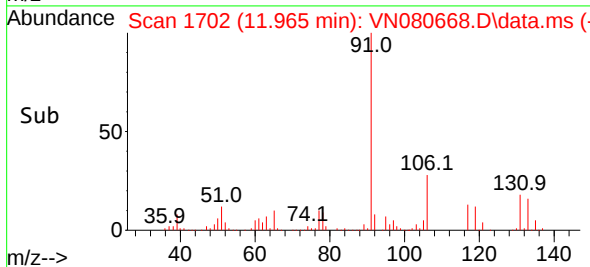
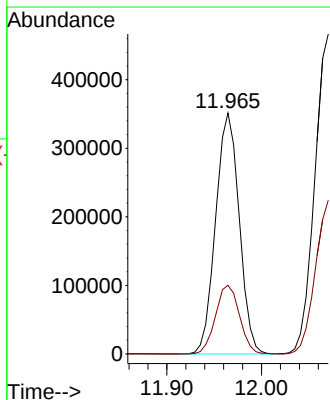
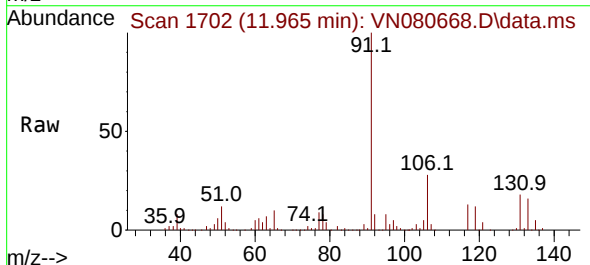
Manual Integrations
APPROVED

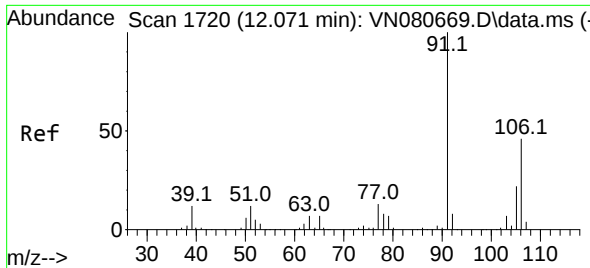
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#66
Ethyl Benzene
Concen: 50.349 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 91 Resp: 608095
Ion Ratio Lower Upper
91 100
106 28.5 24.4 36.6





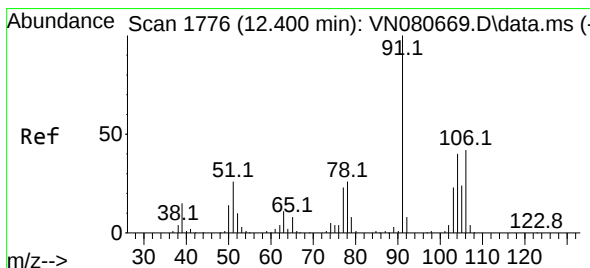
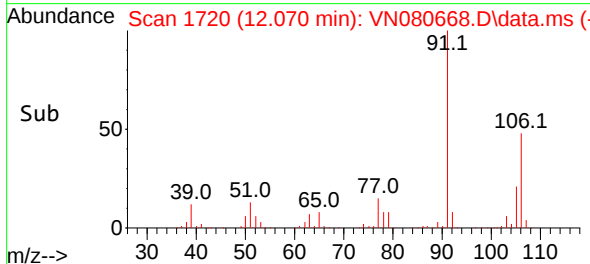
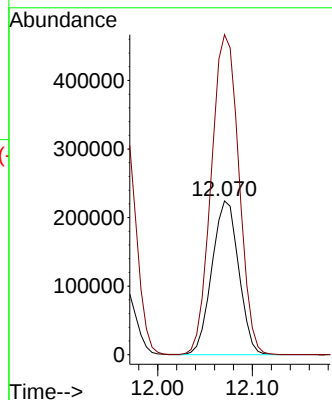
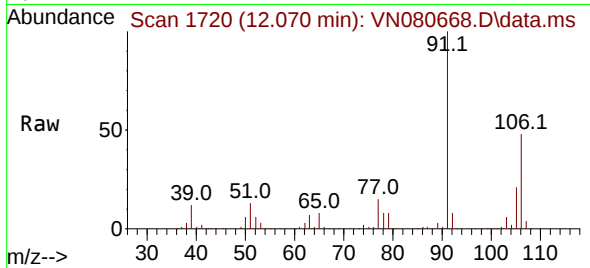
#67
m/p-Xylenes
Concen: 101.539 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.001 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 440770
Ion Ratio Lower Upper
106 100
91 214.8 166.6 249.8

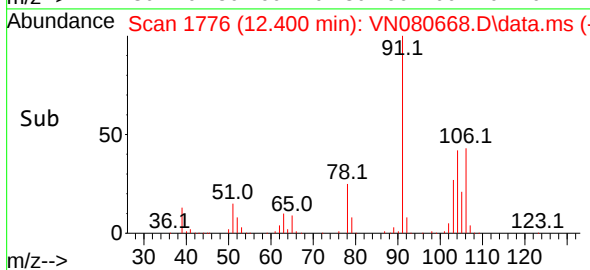
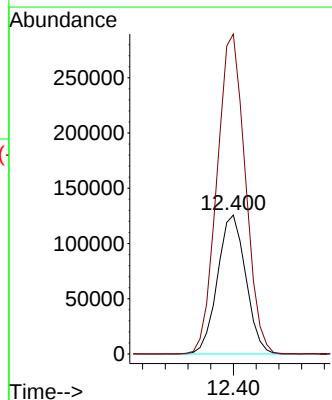
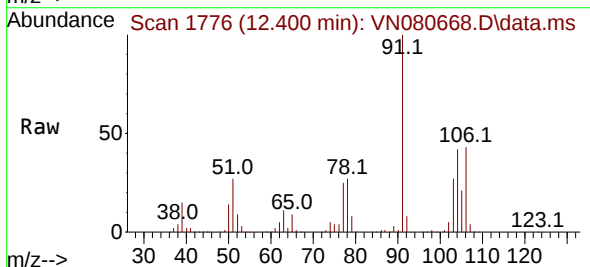
Manual Integrations
APPROVED

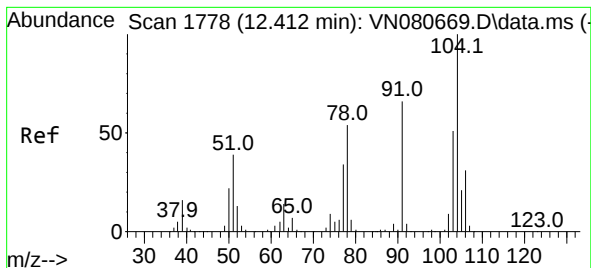
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#68
o-Xylene
Concen: 50.086 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion:106 Resp: 216831
Ion Ratio Lower Upper
106 100
91 231.3 110.0 330.0





#69

Styrene

Concen: 50.310 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:104 Resp: 365910

Ion Ratio Lower Upper

104 100

78 57.7 42.6 64.0

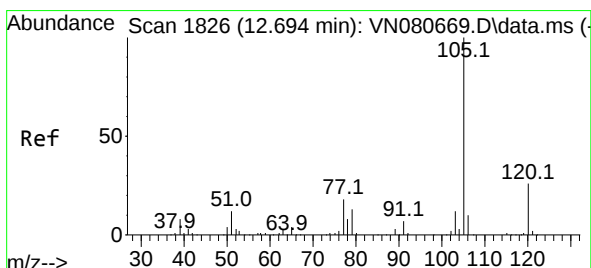
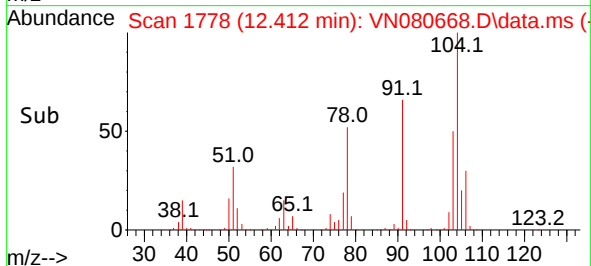
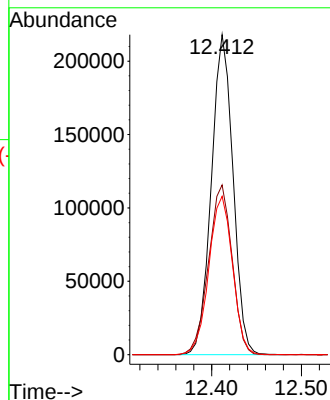
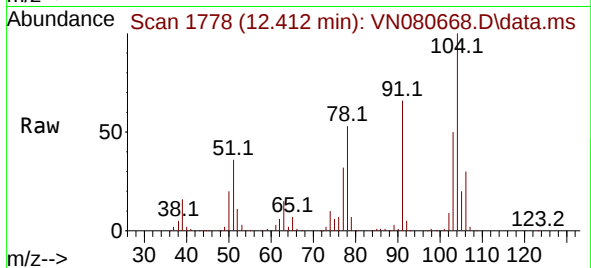
103 54.1 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#70

Isopropylbenzene

Concen: 50.549 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN080668.D

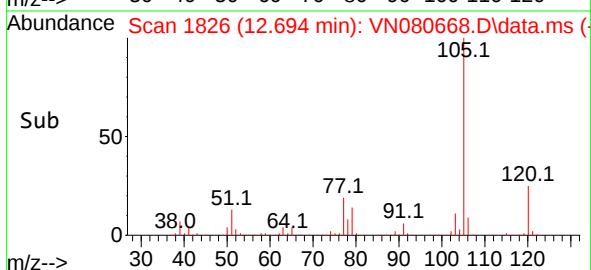
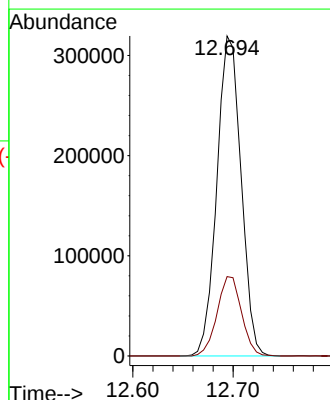
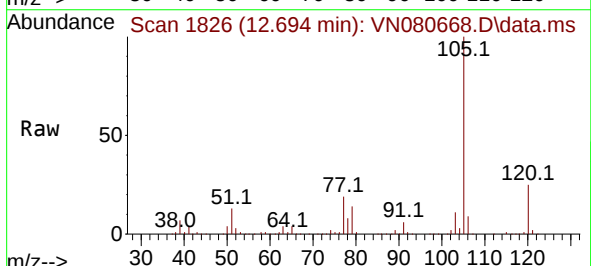
Acq: 11 Jan 2024 10:53

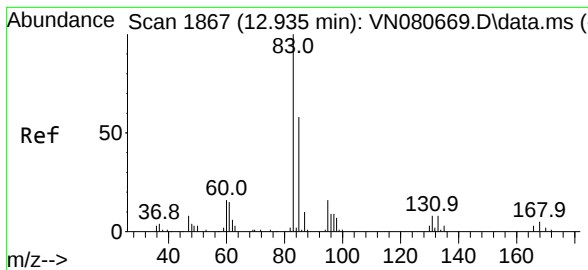
Tgt Ion:105 Resp: 534838

Ion Ratio Lower Upper

105 100

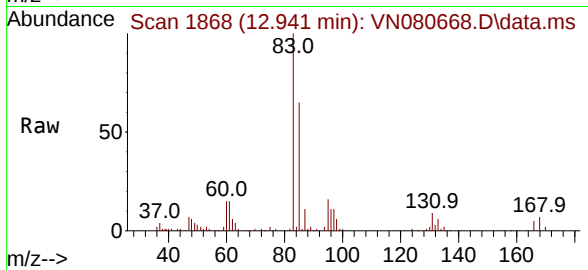
120 25.0 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 47.798 ug/l
RT: 12.941 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

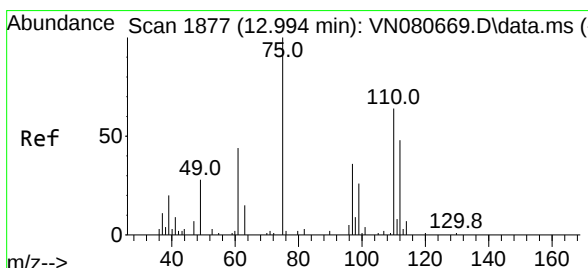
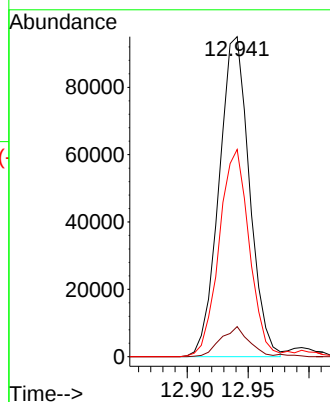
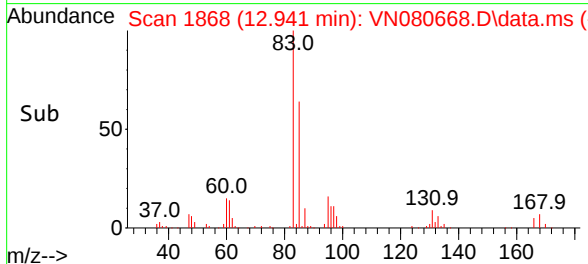
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 83 Resp: 165075
Ion Ratio Lower Upper
83 100
131 8.7 5.2 15.6
85 64.1 32.3 96.8

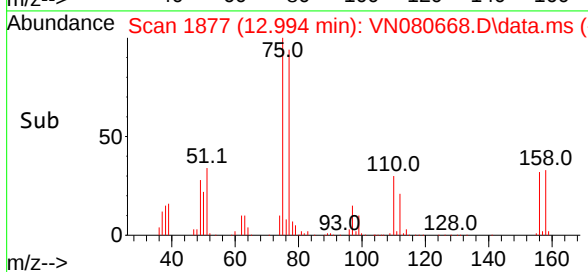
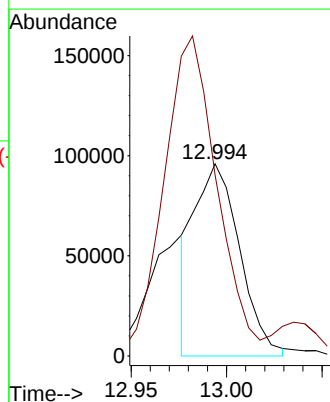
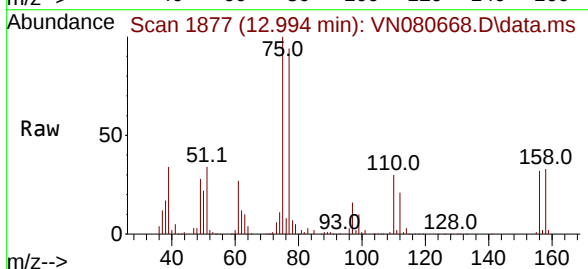
Manual Integrations
APPROVED

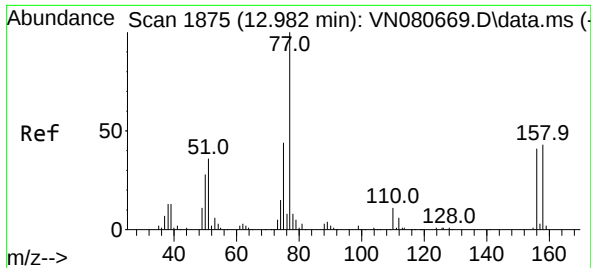
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#72
1,2,3-Trichloropropane
Concen: 46.731 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 75 Resp: 158565
Ion Ratio Lower Upper
75 100
77 195.7 0.0 367.6





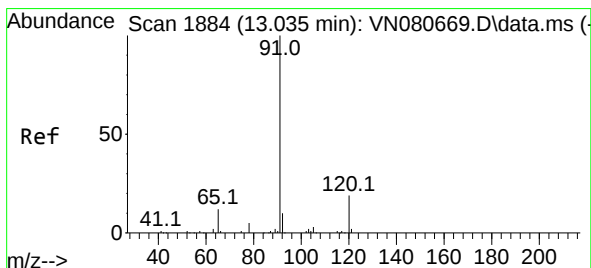
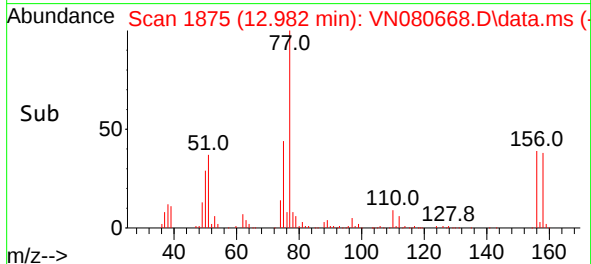
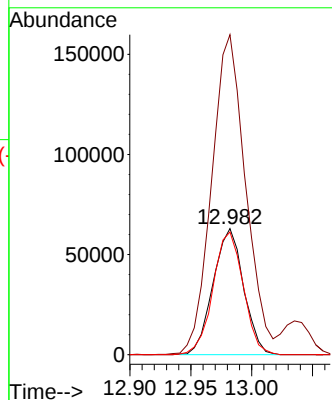
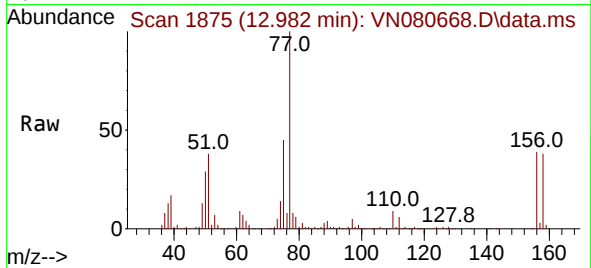
#73
Bromobenzene
Concen: 48.593 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 109592
Ion Ratio Lower Upper
156 100
77 283.2 0.0 437.6
158 96.6 0.0 203.8

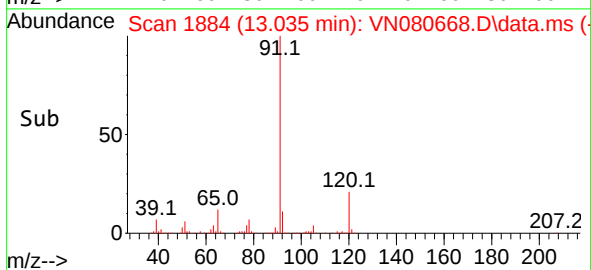
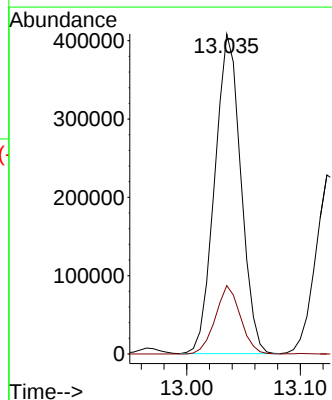
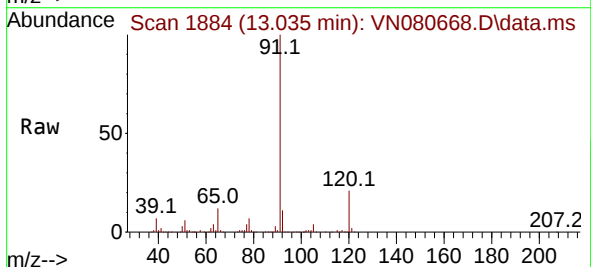
Manual Integrations
APPROVED

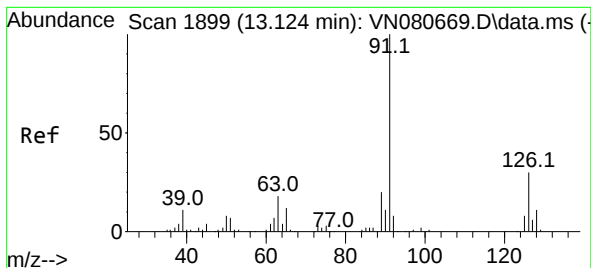
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#74
n-propylbenzene
Concen: 51.166 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion: 91 Resp: 652900
Ion Ratio Lower Upper
91 100
120 20.5 0.0 43.8





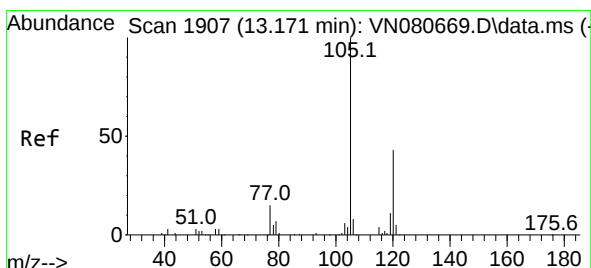
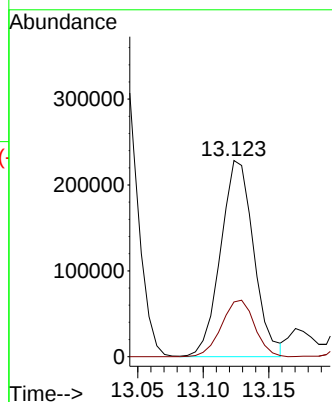
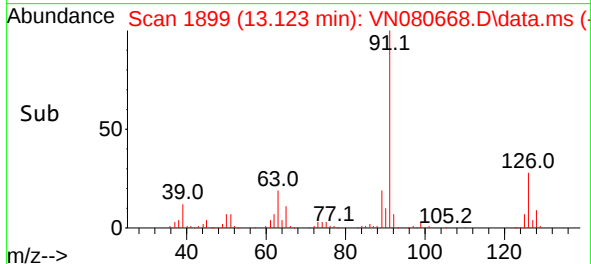
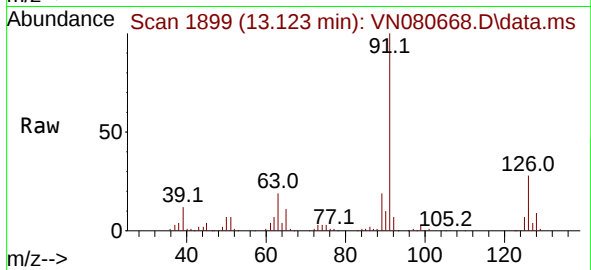
#75
2-Chlorotoluene
Concen: 50.112 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.001 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 402134
Ion Ratio Lower Upper
91 100
126 28.7 0.0 61.2

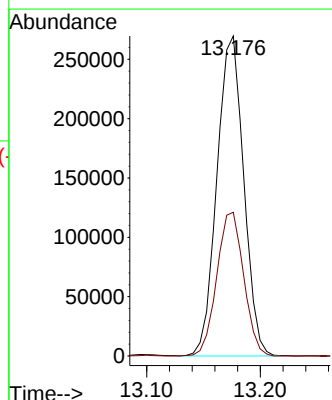
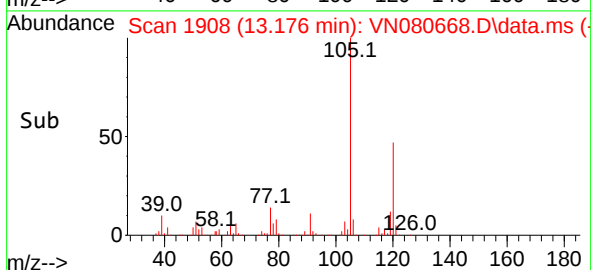
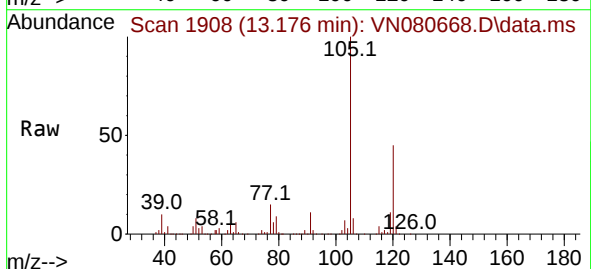
Manual Integrations
APPROVED

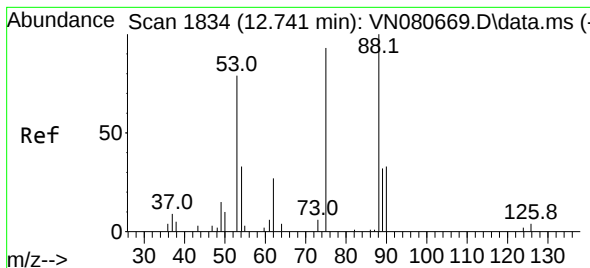
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#76
1,3,5-Trimethylbenzene
Concen: 50.163 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.005 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

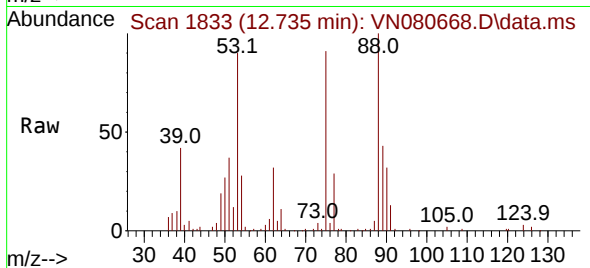
Tgt Ion:105 Resp: 441760
Ion Ratio Lower Upper
105 100
120 45.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 50.906 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

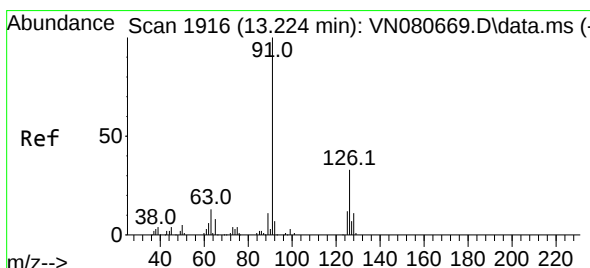
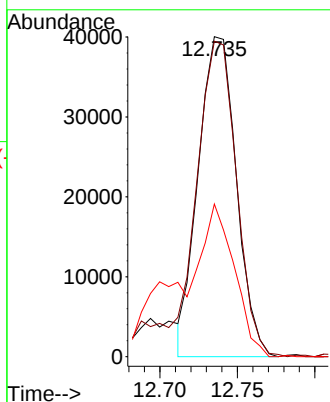
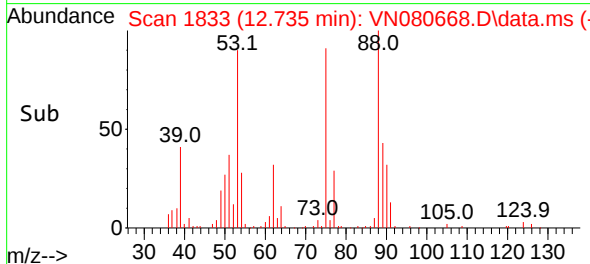
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 68309
Ion Ratio Lower Upper
75 100
53 97.9 45.9 137.7
89 47.7 25.9 77.7

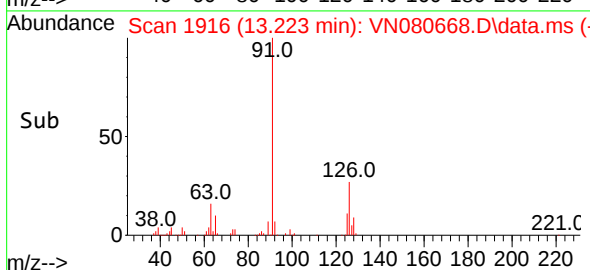
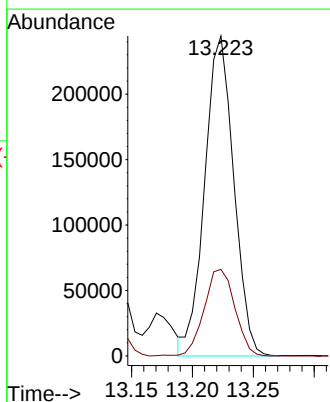
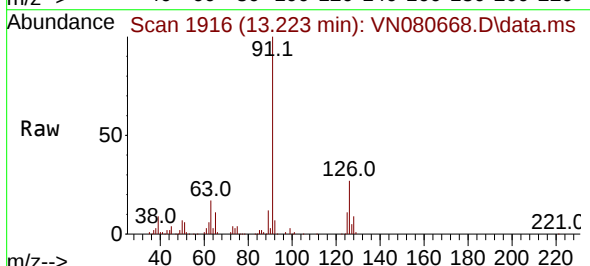
Manual Integrations
APPROVED

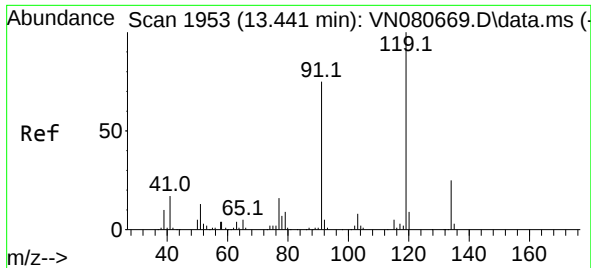
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#78
4-Chlorotoluene
Concen: 50.704 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.001 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

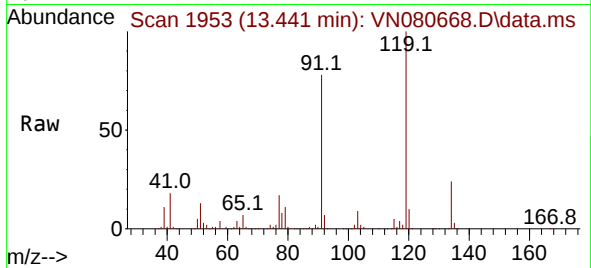
Tgt Ion: 91 Resp: 406719
Ion Ratio Lower Upper
91 100
126 28.4 0.0 62.8





#79
tert-butylbenzene
Concen: 50.524 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

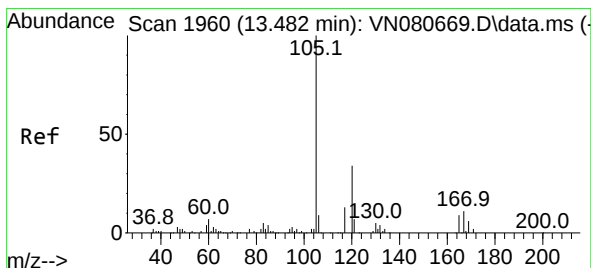
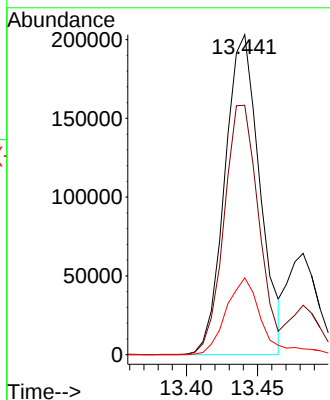
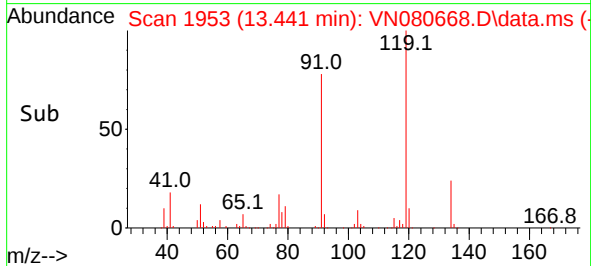
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



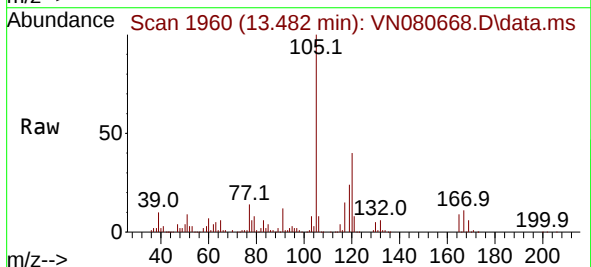
Tgt Ion:119 Resp: 34730
Ion Ratio Lower Upper
119 100
91 76.9 0.0 138.8
134 24.6 0.0 48.6

Manual Integrations
APPROVED

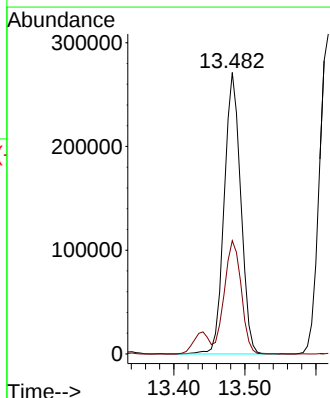
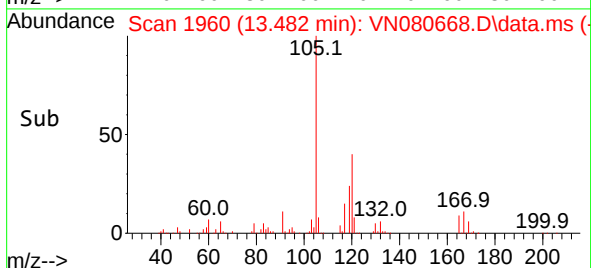
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

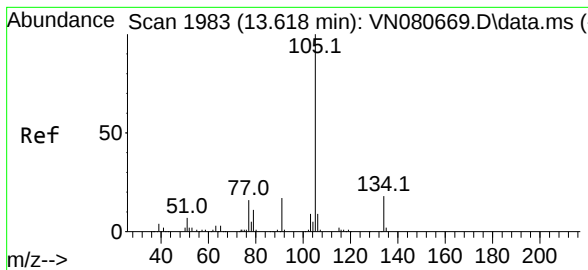


#80
1,2,4-Trimethylbenzene
Concen: 50.787 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53



Tgt Ion:105 Resp: 437573
Ion Ratio Lower Upper
105 100
120 41.2 0.0 86.8





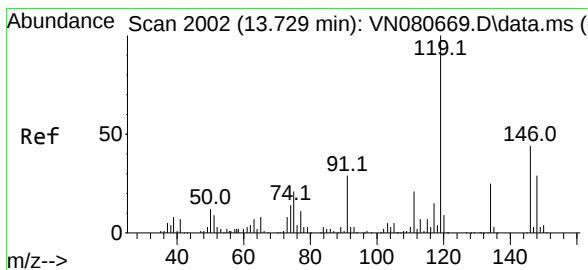
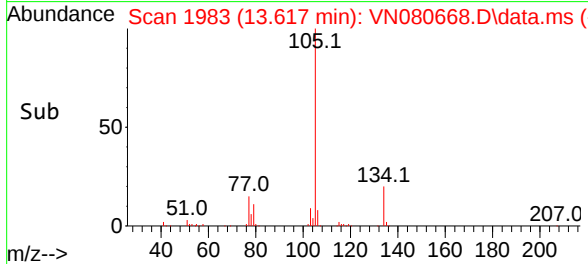
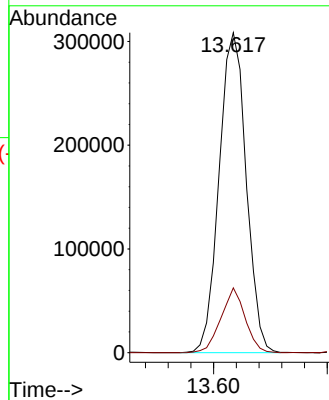
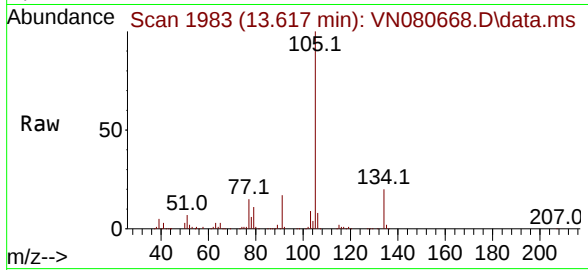
#81
 sec-Butylbenzene
 Concen: 50.439 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.001 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 510398
 Ion Ratio Lower Upper
 105 100
 134 18.1 0.0 39.0

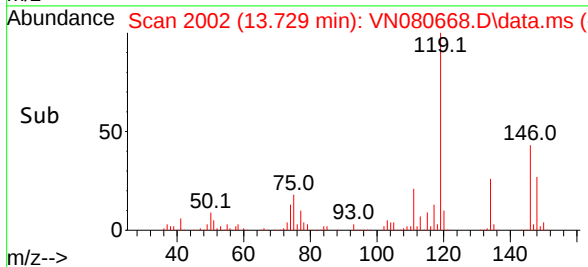
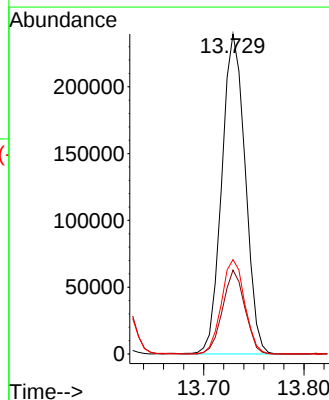
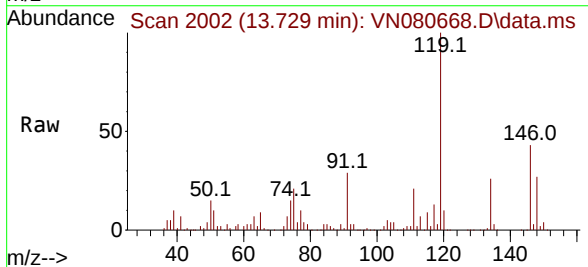
Manual Integrations
 APPROVED

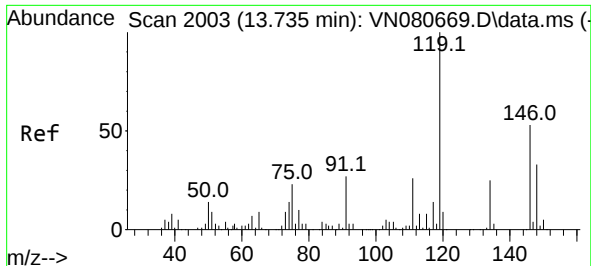
Reviewed By :John Carlone 01/12/2024
 Supervised By :Semsettin Yesilyurt 01/12/2024



#82
 p-Isopropyltoluene
 Concen: 50.218 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080668.D
 Acq: 11 Jan 2024 10:53

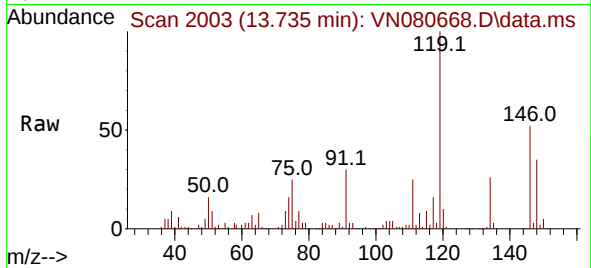
Tgt Ion:119 Resp: 387526
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.2
 91 29.2 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 48.222 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

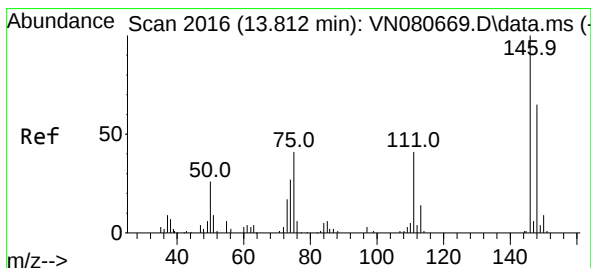
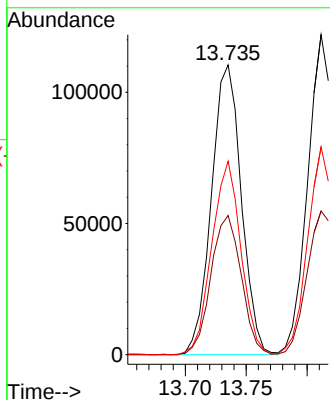
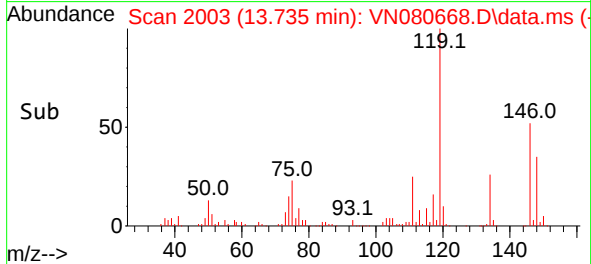
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



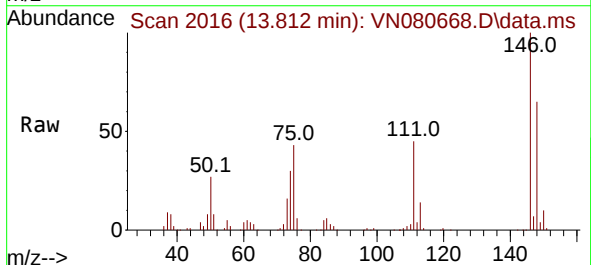
Tgt Ion:146 Resp: 188679
Ion Ratio Lower Upper
146 100
111 48.8 22.4 67.0
148 64.9 32.1 96.5

Manual Integrations
APPROVED

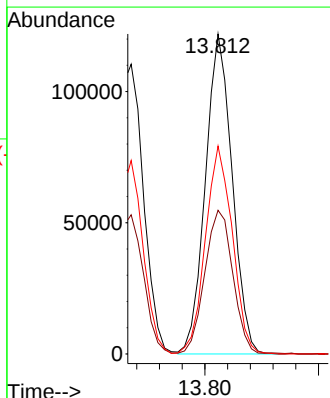
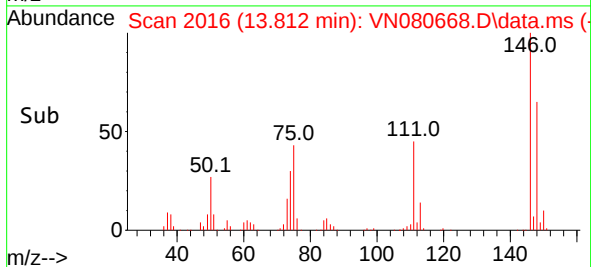
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024

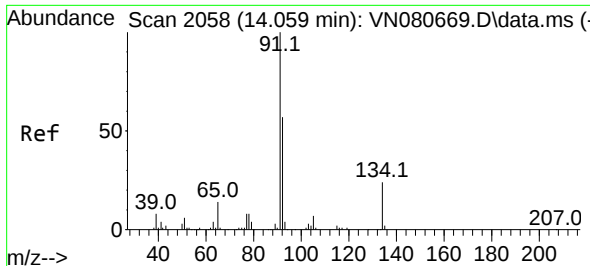


#84
1,4-Dichlorobenzene
Concen: 50.645 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53



Tgt Ion:146 Resp: 199521
Ion Ratio Lower Upper
146 100
111 47.1 21.3 63.9
148 65.5 31.9 95.5





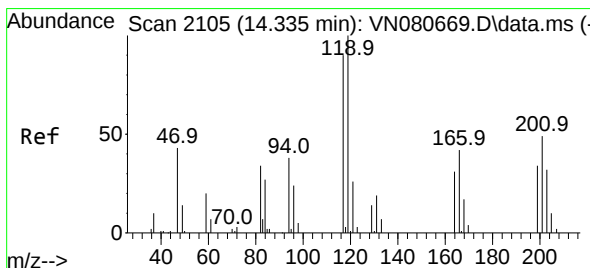
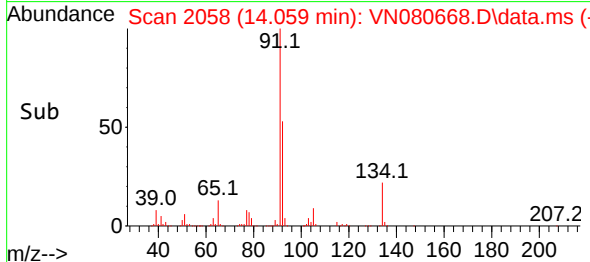
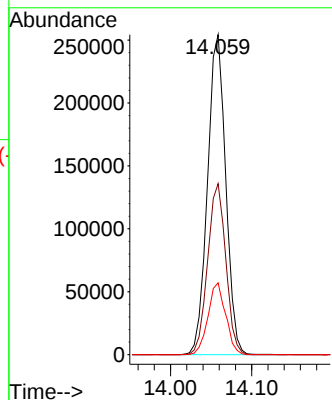
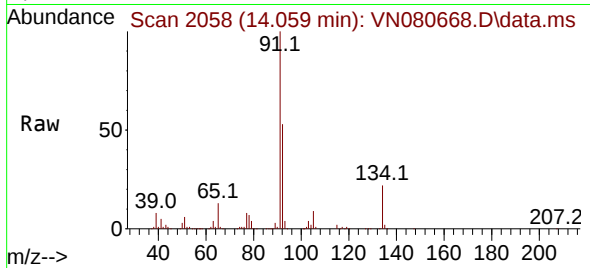
#85
n-Butylbenzene
Concen: 51.876 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 395538
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.0
134 21.8 0.0 51.8

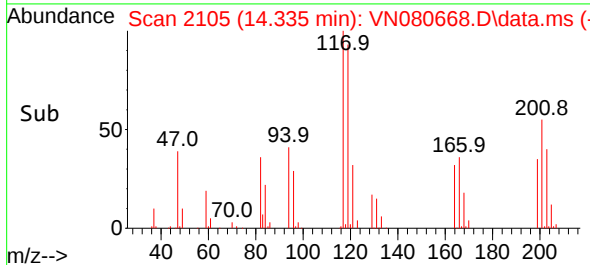
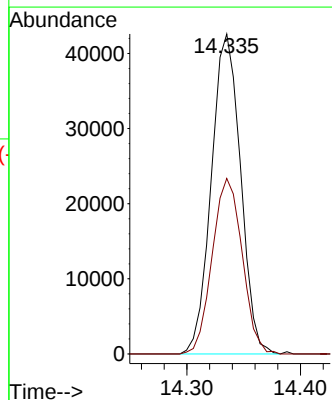
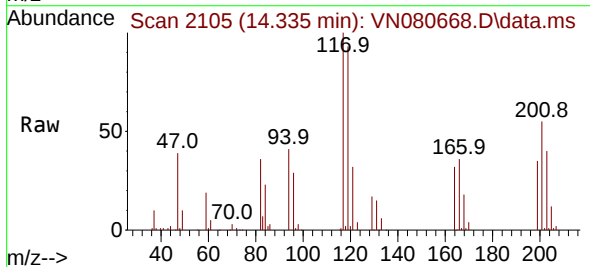
Manual Integrations
APPROVED

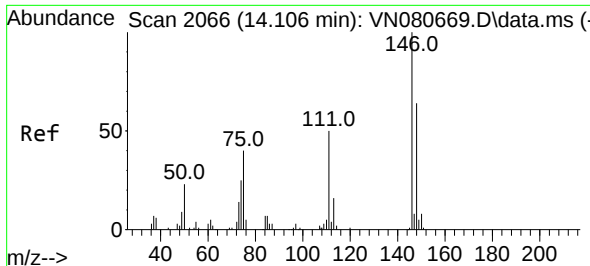
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#86
Hexachloroethane
Concen: 52.376 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion:117 Resp: 76005
Ion Ratio Lower Upper
117 100
201 56.3 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 49.488 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:146 Resp: 18994

Ion Ratio Lower Upper

146 100

111 48.8 22.6 67.8

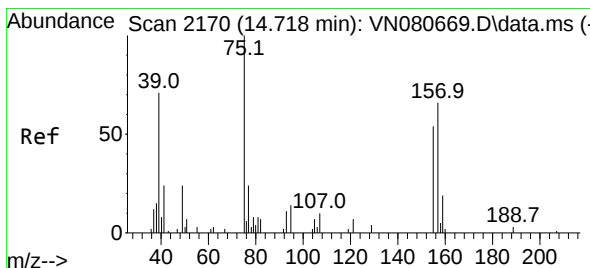
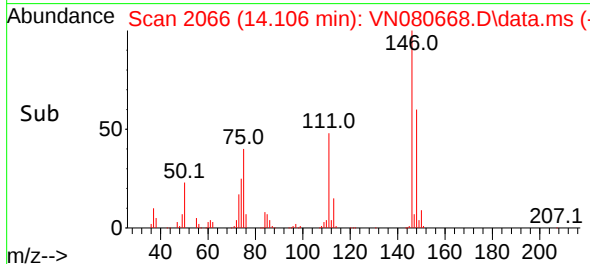
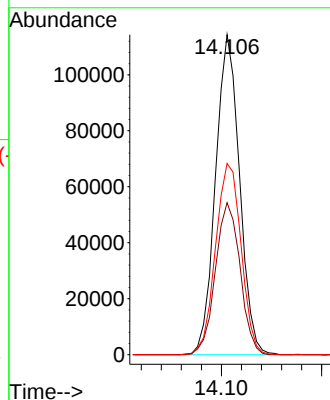
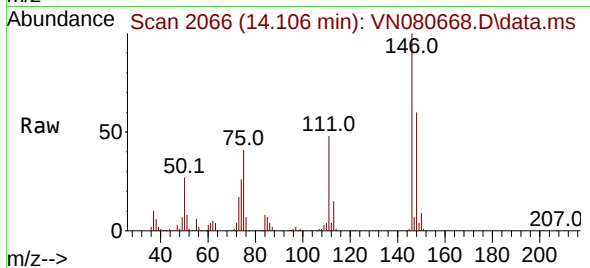
148 63.6 31.3 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2024

Supervised By :Semsettin Yesilyurt 01/12/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 51.373 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.001 min

Lab File: VN080668.D

Acq: 11 Jan 2024 10:53

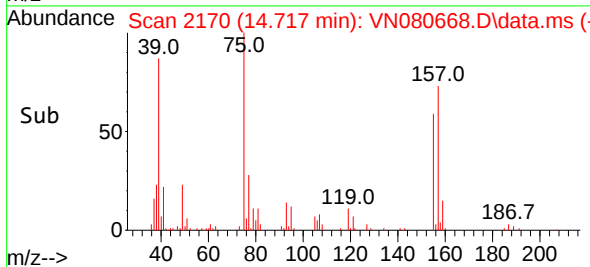
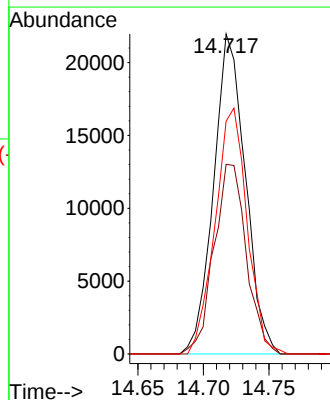
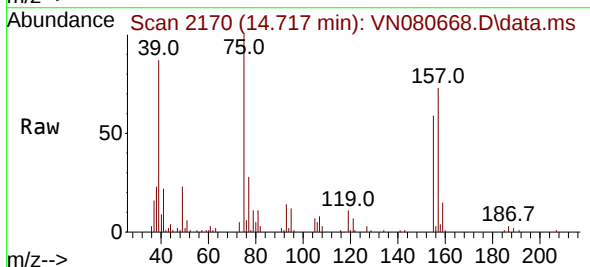
Tgt Ion: 75 Resp: 36940

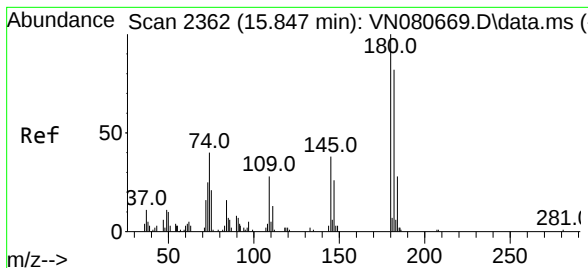
Ion Ratio Lower Upper

75 100

155 60.5 61.7 92.5#

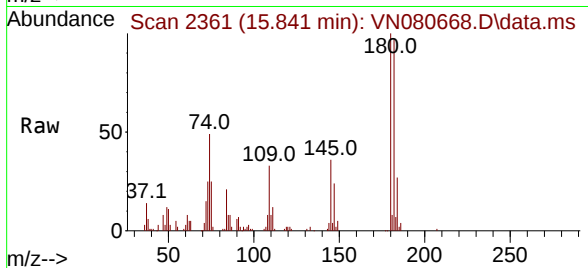
157 77.3 83.6 125.4#





#89
1,2,4-Trichlorobenzene
Concen: 50.745 ug/l
RT: 15.841 min Scan# 2362
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

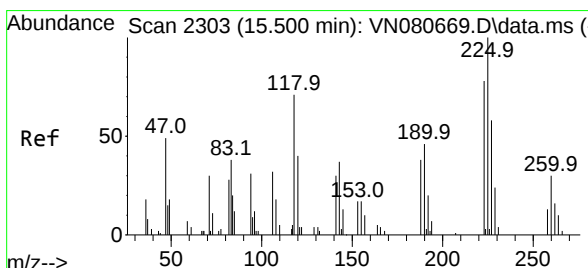
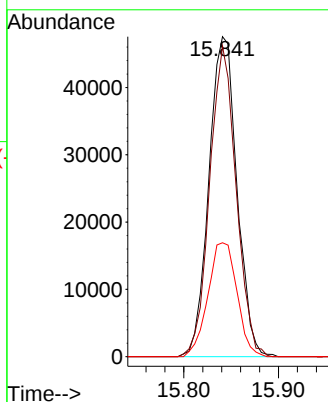
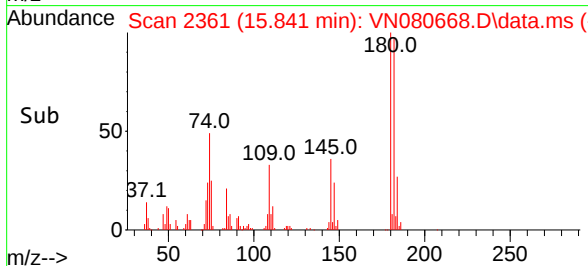
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:180 Resp: 9768
Ion Ratio Lower Upper
180 100
182 91.7 76.4 114.6
145 36.9 28.4 42.6

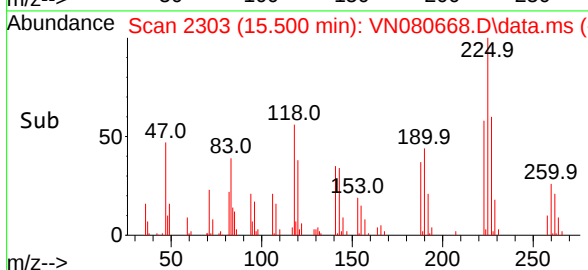
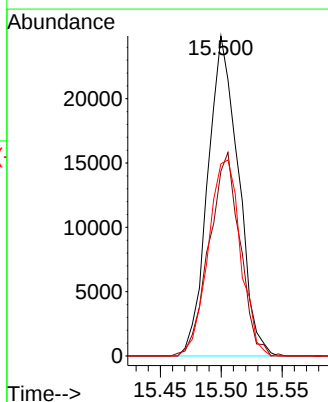
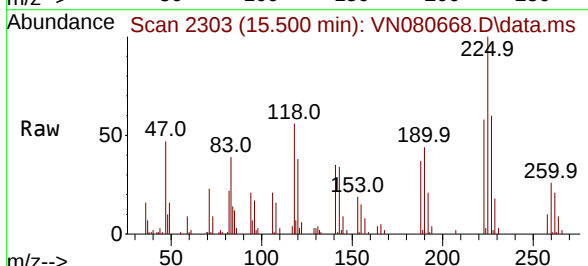
Manual Integrations
APPROVED

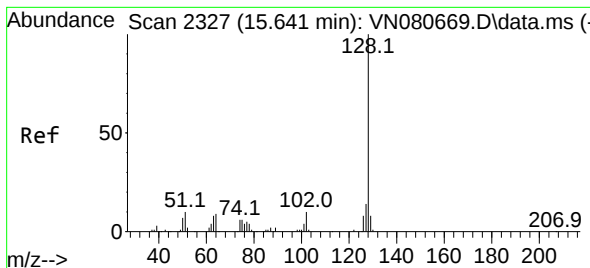
Reviewed By :John Carlone 01/12/2024
Supervised By :Semsettin Yesilyurt 01/12/2024



#90
Hexachlorobutadiene
Concen: 49.294 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

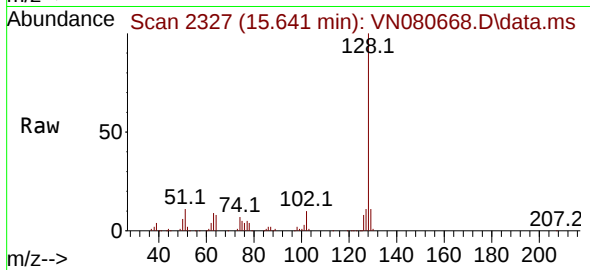
Tgt Ion:225 Resp: 43478
Ion Ratio Lower Upper
225 100
223 63.9 0.0 126.6
227 64.9 0.0 126.6





#91
Naphthalene
Concen: 50.350 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

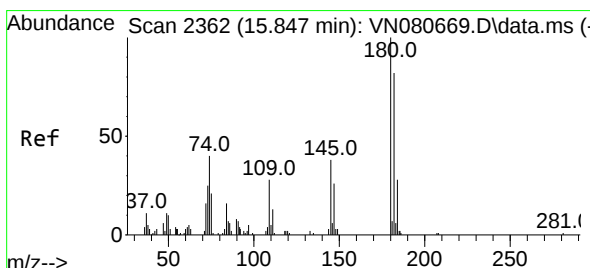
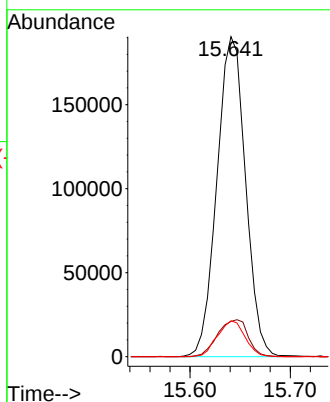
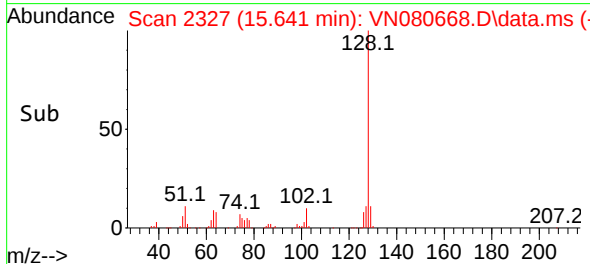
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 377860
Ion Ratio Lower Upper
128 100
127 12.3 10.6 16.0
129 10.8 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: 50.745 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN080668.D
Acq: 11 Jan 2024 10:53

Tgt Ion:180 Resp: 97688
Ion Ratio Lower Upper
180 100
182 91.7 0.0 191.0
145 36.9 0.0 71.0

