

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040723\
 Data File : VN077268.D
 Acq On : 07 Apr 2023 09:58
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

Quant Time: Apr 07 10:29:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 10:13:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	60968	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	451070	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	487897	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	152190	27.158	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.533%#		
60) 4-Bromofluorobenzene	12.854	95	250703	27.150	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.500%		
63) Toluene-d8	10.566	98	509463	29.688	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.967%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	107191	13.739	ug/l	97
3) Chloromethane	2.372	50	142846	20.032	ug/l	96
4) Vinyl Chloride	2.525	62	204221	31.405	ug/l #	89
5) Bromomethane	2.966	94	140794	33.857	ug/l	93
6) Chloroethane	3.131	64	139094	36.402	ug/l	99
7) Trichlorofluoromethane	3.507	101	187277	15.417	ug/l	97
8) Diethyl Ether	3.972	74	82017	18.003	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.384	101	120123	17.455	ug/l	98
10) 1,1-Dichloroethene	4.349	96	115652	17.314	ug/l	85
11) Methyl Iodide	4.601	142	139070	17.279	ug/l	90
12) Methyl Acetate	5.037	43	178122	16.213	ug/l #	87
13) Acrolein	4.184	56	115989	71.413	ug/l	99
14) Acrylonitrile	5.725	53	300527	83.037	ug/l	98
15) Acetone	4.431	58	128482	130.444	ug/l	75
16) Carbon Disulfide	4.719	76	307727	16.614	ug/l	99
17) Allyl chloride	5.031	41	160842	16.054	ug/l #	76
18) Methylene Chloride	5.284	84	134808	17.254	ug/l #	77
19) trans-1,2-Dichloroethene	5.790	96	126843	18.021	ug/l	88
20) Diisopropyl ether	6.678	45	360605	15.955	ug/l #	87
21) 1,1-Dichloroethane	6.578	63	229020	17.027	ug/l	98
22) cis-1,2-Dichloroethene	7.490	96	153035	18.973	ug/l	89
23) tert-Butyl Alcohol	5.525	59	141819m	134.924	ug/l	
24) Methyl tert-Butyl Ether	5.807	73	430325	19.759	ug/l #	76
25) Chloroform	7.972	83	247295	17.898	ug/l	100
26) Cyclohexane	8.260	56	197594	16.090	ug/l #	74
29) 1,1-Dichloropropene	8.372	75	184191	17.336	ug/l	96
30) 2-Butanone	7.490	43	466176	96.173	ug/l #	86
31) 2,2-Dichloropropane	7.495	77	224526	21.330	ug/l #	61
32) 1,1,1-Trichloroethane	8.172	97	229366	18.508	ug/l	93
33) Carbon Tetrachloride	8.366	117	196984	17.977	ug/l	95
34) Benzene	8.613	78	573350	17.603	ug/l	94
35) Methacrylonitrile	7.778	41	81077	14.865	ug/l	83
36) 1,2-Dichloroethane	8.678	62	182032m	16.673	ug/l	
37) Trichloroethene	9.354	130	137142	17.083	ug/l	97
38) Methylcyclohexane	9.607	83	248158	18.765	ug/l	91
39) 1,2-Dichloropropane	9.625	63	143085	17.097	ug/l	96
40) Dibromomethane	9.713	93	102393	19.205	ug/l	97
41) Bromodichloromethane	9.889	83	205468	18.804	ug/l	98
42) Vinyl Acetate	6.607	43	1259520m	83.358	ug/l	

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 ALS Vial : 3 Sample Multiplier: 1

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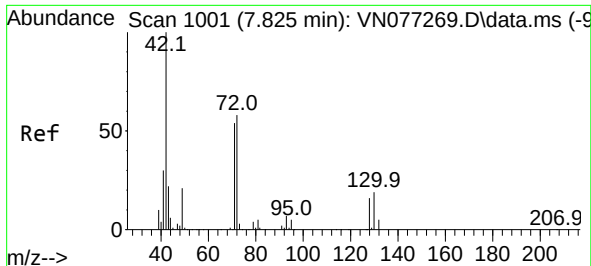
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2023
 Supervised By : Semsettin Yesilyurt 04/10/2023

Quant Time: Apr 07 10:29:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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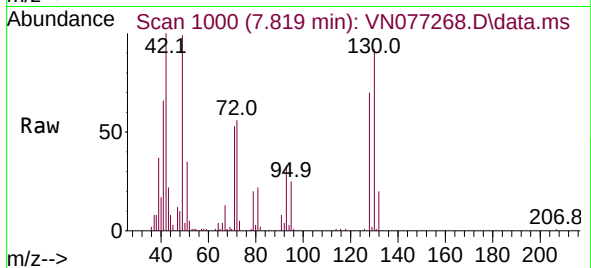
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	161407	16.502	ug/l	98
44) Isopropyl Acetate	8.689	43	295518	18.639	ug/l	91
45) 1,4-Dioxane	9.701	88	62815	470.938	ug/l #	86
46) Methyl methacrylate	9.684	41	123620	16.010	ug/l	82
47) n-amyl Acetate	12.495	43	251577	19.497	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	223747	20.445	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	241384	19.419	ug/l #	85
50) 1,1,2-Trichloroethane	11.019	97	145983	18.690	ug/l	94
51) Ethyl methacrylate	10.878	69	227144	19.726	ug/l	82
52) 1,3-Dichloropropane	11.166	76	244912	18.154	ug/l	99
53) Dibromochloromethane	11.360	129	154956	19.446	ug/l	97
54) 1,2-Dibromoethane	11.472	107	150171	19.924	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	354988	87.928	ug/l	97
56) Bromoform	12.583	173	104729	19.646	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	886750	89.969	ug/l #	85
59) 2-Hexanone	11.195	43	697886	99.675	ug/l #	86
61) Tetrachloroethene	11.107	164	106763	13.861	ug/l	88
62) Toluene	10.631	91	640843	19.062	ug/l	100
64) Chlorobenzene	11.895	112	387373	19.575	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	146616	19.725	ug/l	96
66) Ethyl Benzene	11.966	91	707173	19.375	ug/l	96
67) m/p-Xylenes	12.072	106	548079	39.641	ug/l	98
68) o-Xylene	12.401	106	277951	20.591	ug/l	95
69) Styrene	12.413	104	440631	20.127	ug/l	100
70) Isopropylbenzene	12.701	105	707489	20.144	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	216463	20.441	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	157230m	16.185	ug/l	
73) Bromobenzene	12.983	156	144123	18.184	ug/l	93
74) n-propylbenzene	13.036	91	768999	18.550	ug/l	97
75) 2-Chlorotoluene	13.124	91	468974	18.292	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	577775	19.006	ug/l	96
77) t-1,4-Dichloro-2-butene	12.736	75	74531m	25.133	ug/l	
78) 4-Chlorotoluene	13.224	91	433733	17.550	ug/l	99
79) tert-butylbenzene	13.442	119	508584	20.006	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	572226	19.154	ug/l	96
81) sec-Butylbenzene	13.619	105	725944	19.959	ug/l	99
82) p-Isopropyltoluene	13.730	119	577351	19.640	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	263479	17.967	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	257313	18.064	ug/l	96
85) n-Butylbenzene	14.060	91	455261	18.271	ug/l	98
86) Hexachloroethane	14.336	117	120703	22.997	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	268707	18.375	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.724	75	39740	19.267	ug/l	88
89) 1,2,4-Trichlorobenzene	15.371	180	92411	11.846	ug/l	99
90) Hexachlorobutadiene	15.465	225	52227	12.699	ug/l	97
91) Naphthalene	15.589	128	364155	14.718	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	93487	11.954	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

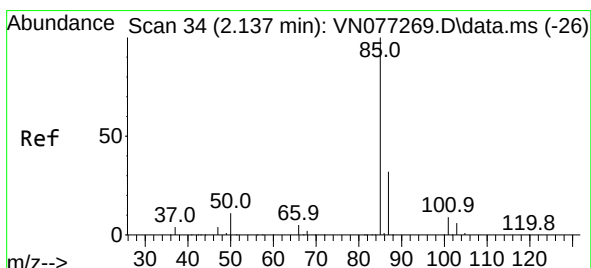
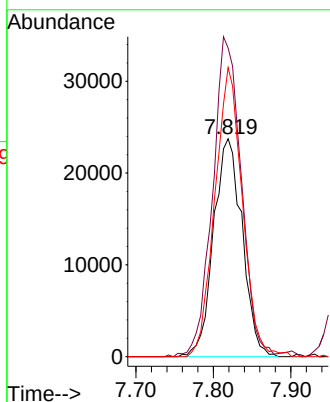
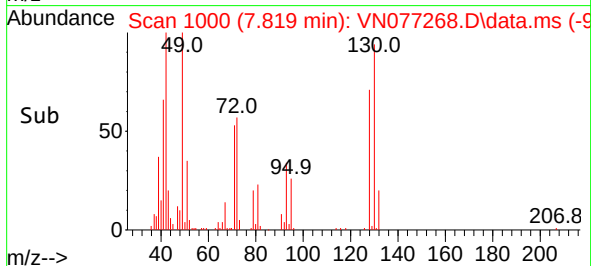
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 60968
Ion Ratio Lower Upper
128 100
49 146.4 0.0 461.8
130 127.2 0.0 295.3

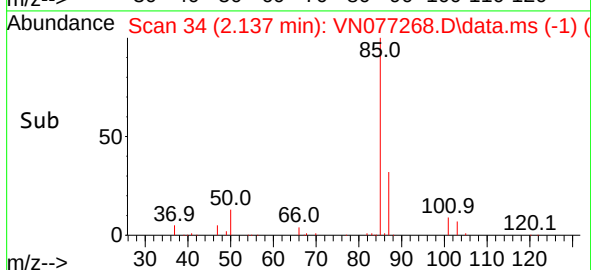
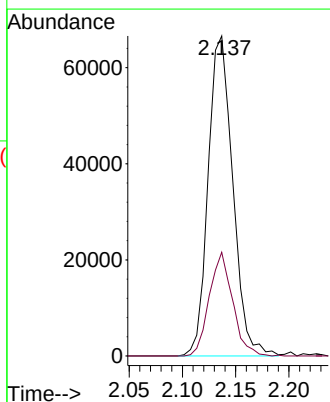
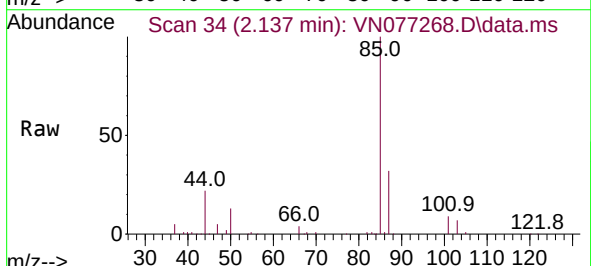
Manual Integrations
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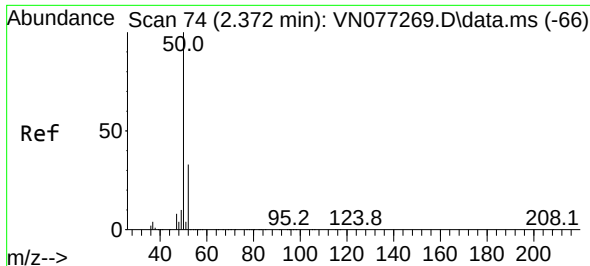
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#2
Dichlorodifluoromethane
Concen: 13.739 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

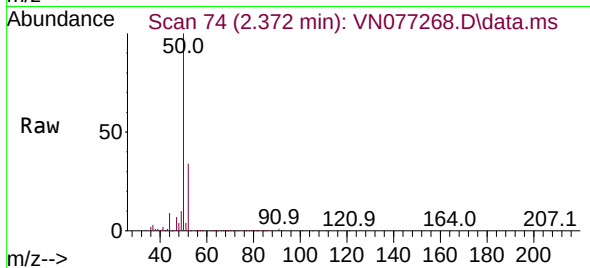
Tgt Ion: 85 Resp: 107191
Ion Ratio Lower Upper
85 100
87 32.4 15.4 46.1





#3
Chloromethane
Concen: 20.032 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

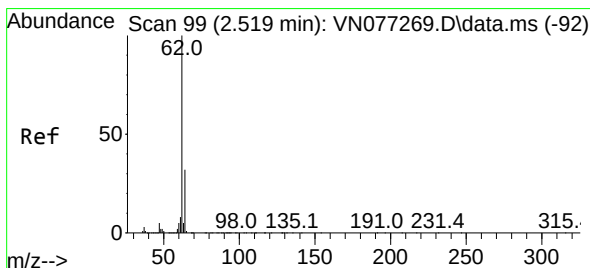
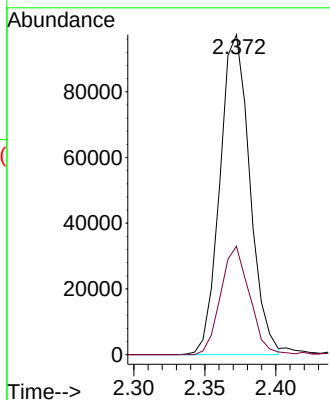
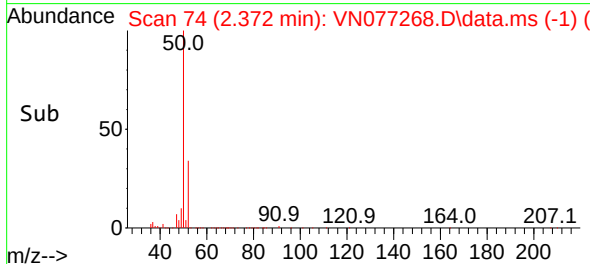
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



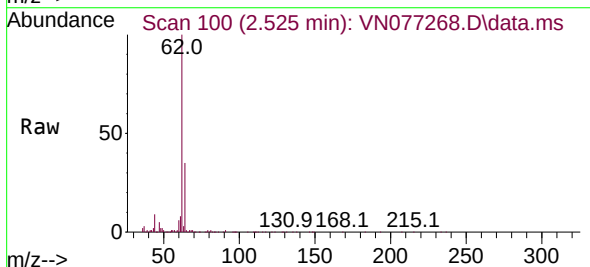
Tgt Ion: 50 Resp: 142840
Ion Ratio Lower Upper
50 100
52 33.9 25.3 37.9

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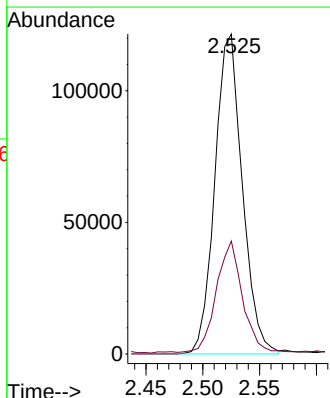
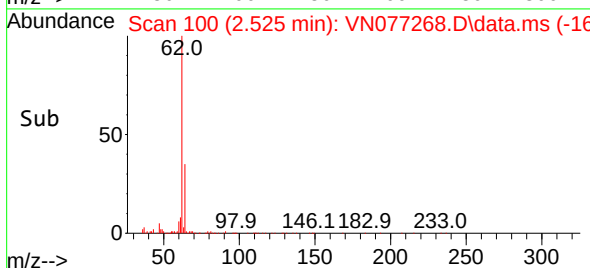
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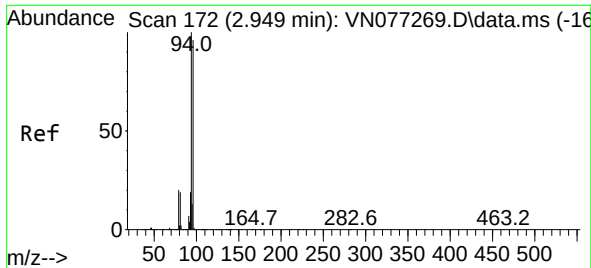


#4
Vinyl Chloride
Concen: 31.405 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



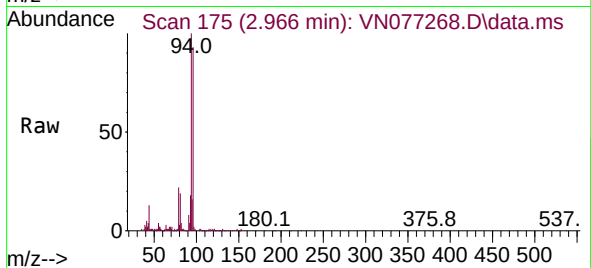
Tgt Ion: 62 Resp: 204221
Ion Ratio Lower Upper
62 100
64 34.8 23.1 34.7#





#5
Bromomethane
Concen: 33.857 ug/l
RT: 2.966 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

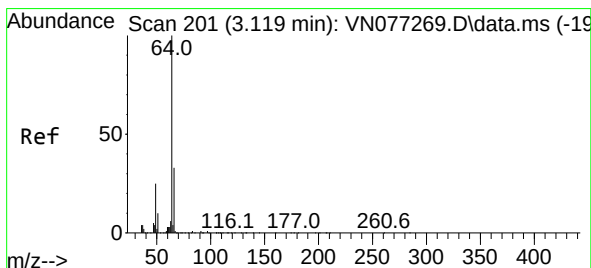
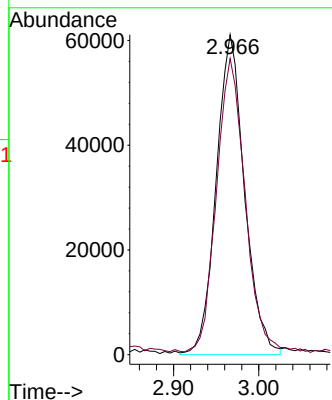
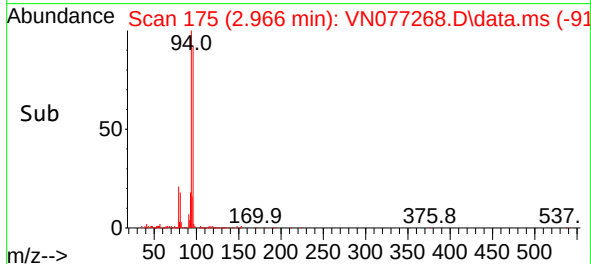
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



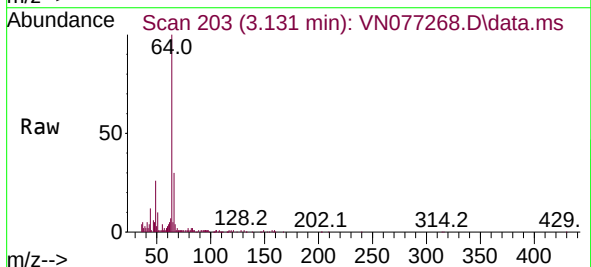
Tgt Ion: 94 Resp: 140794
Ion Ratio Lower Upper
94 100
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Manual Integrations
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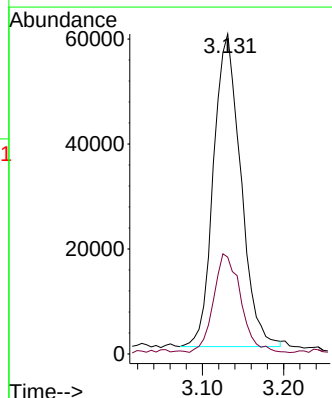
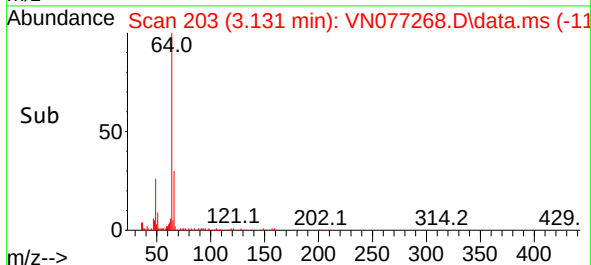
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

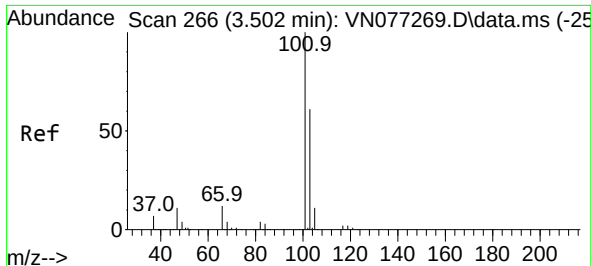


#6
Chloroethane
Concen: 36.402 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



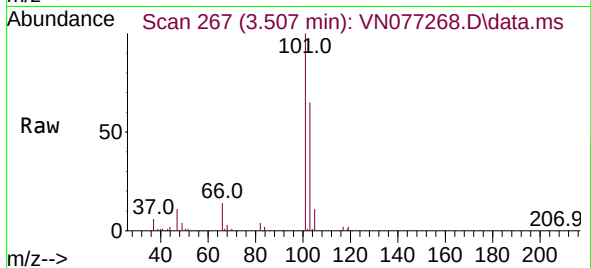
Tgt Ion: 64 Resp: 139094
Ion Ratio Lower Upper
64 100
66 30.2 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 15.417 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

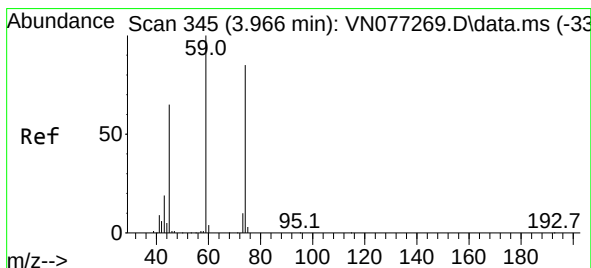
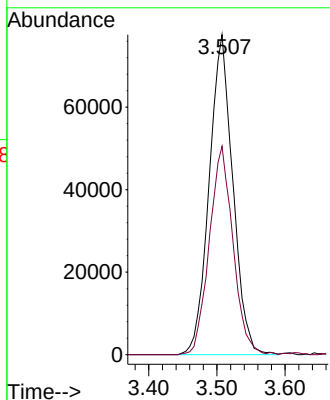
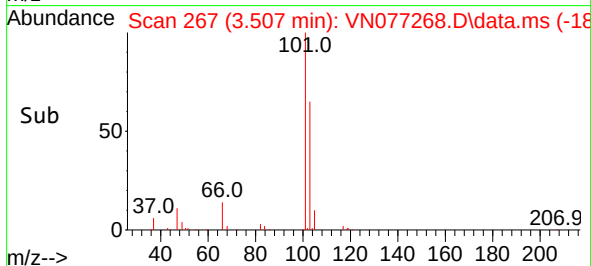
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Tgt Ion:101 Resp: 18727
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.2 75.2

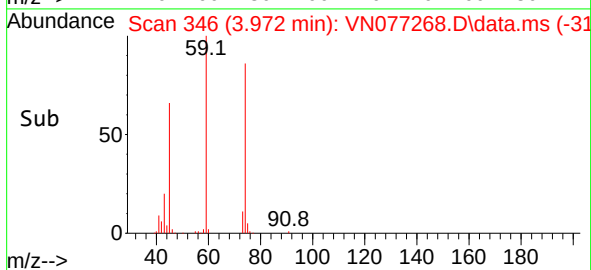
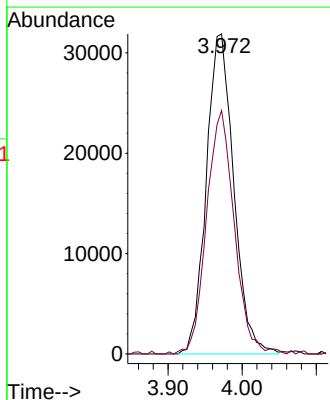
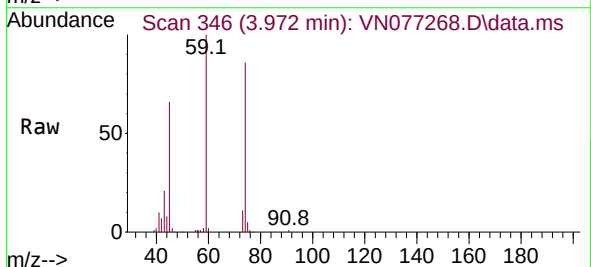
Manual Integrations
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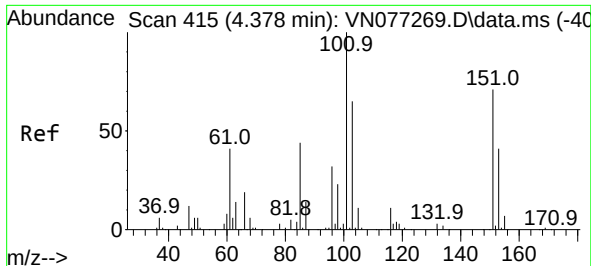
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023



#8
 Diethyl Ether
 Concen: 18.003 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

Tgt Ion: 74 Resp: 82017
 Ion Ratio Lower Upper
 74 100
 45 76.2 21.4 193.0





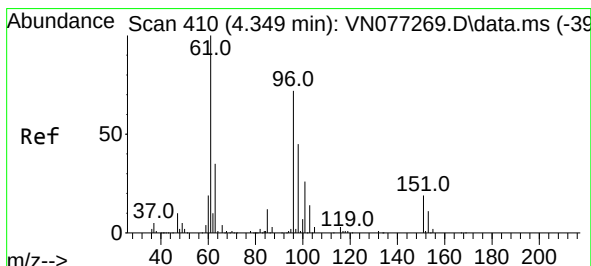
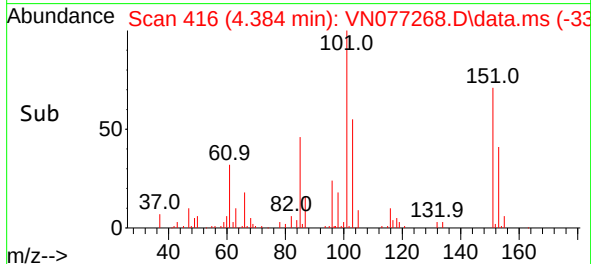
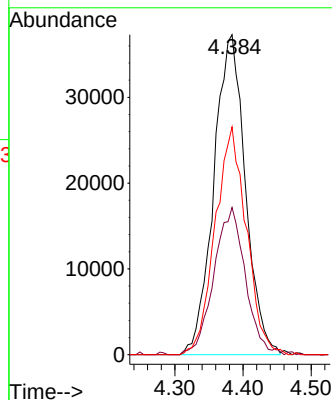
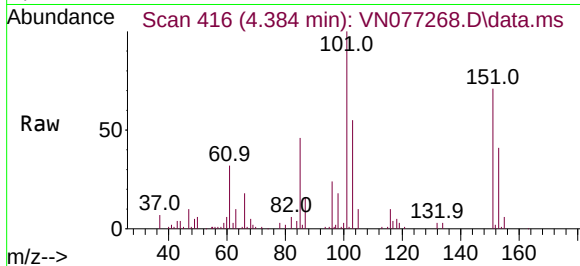
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.455 ug/l
RT: 4.384 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 12012
Ion Ratio Lower Upper
101 100
85 45.4 0.0 95.2
151 70.5 0.0 142.2

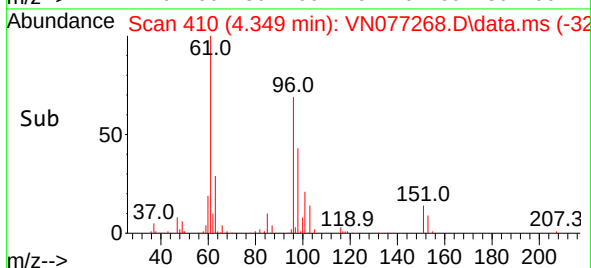
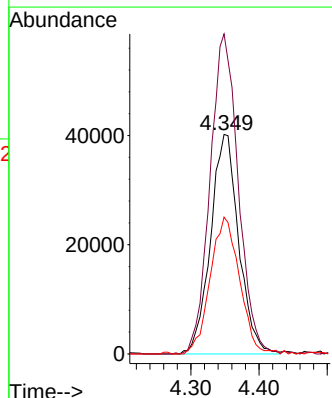
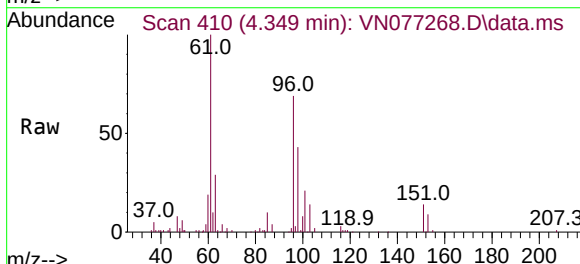
Manual Integrations
APPROVED

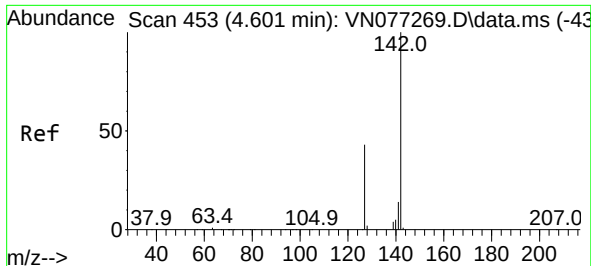
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#10
1,1-Dichloroethene
Concen: 17.314 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.005 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

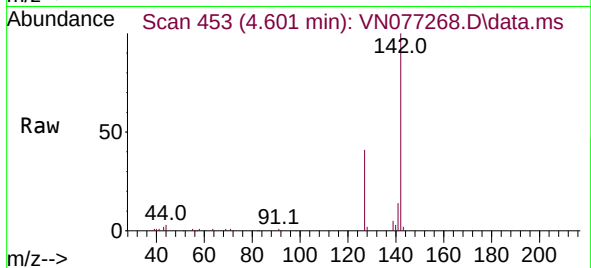
Tgt Ion: 96 Resp: 115652
Ion Ratio Lower Upper
96 100
61 145.8 137.1 205.7
98 62.3 53.2 79.8





#11
Methyl Iodide
Concen: 17.279 ug/l
RT: 4.601 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

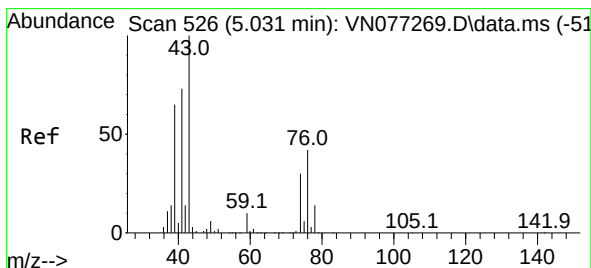
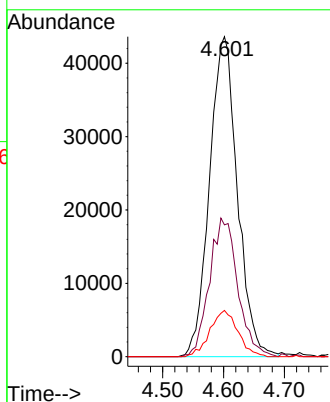
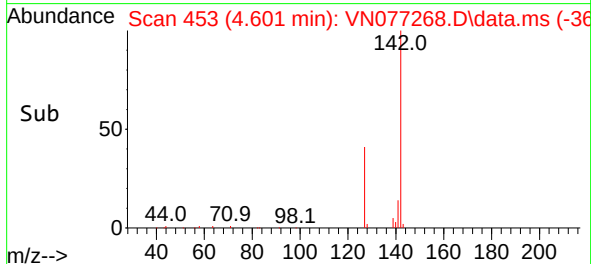
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 139070
Ion Ratio Lower Upper
142 100
127 41.4 25.0 75.0
141 14.5 8.0 24.0

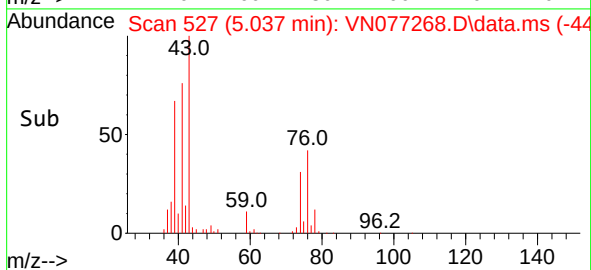
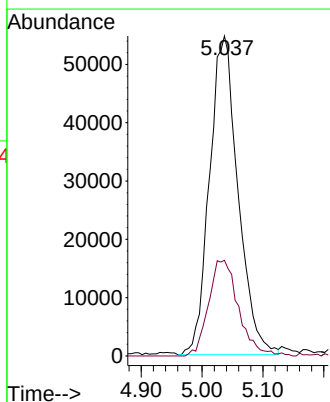
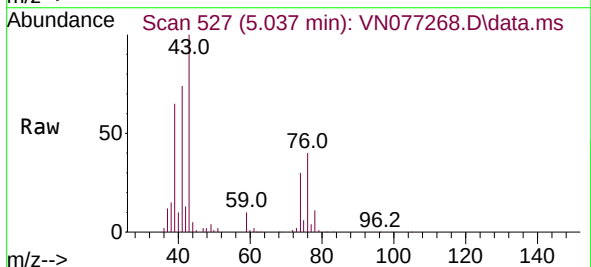
Manual Integrations
APPROVED

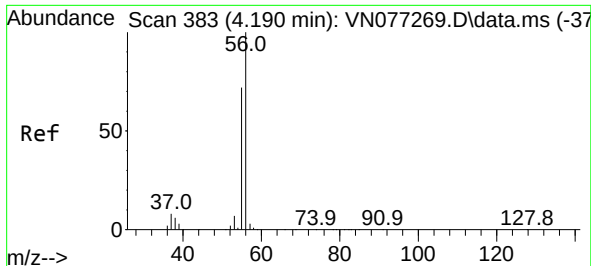
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#12
Methyl Acetate
Concen: 16.213 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

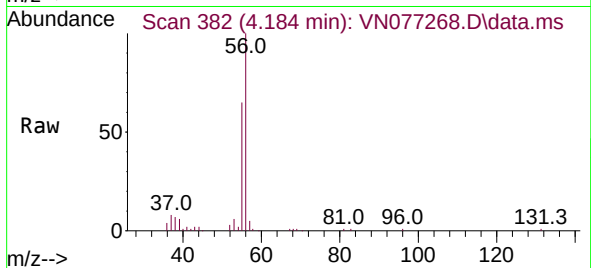
Tgt Ion: 43 Resp: 178122
Ion Ratio Lower Upper
43 100
74 29.9 19.0 28.4#





#13
Acrolein
Concen: 71.413 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

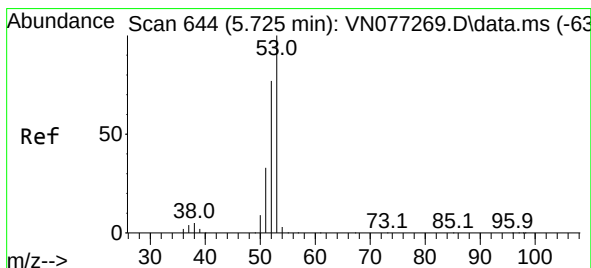
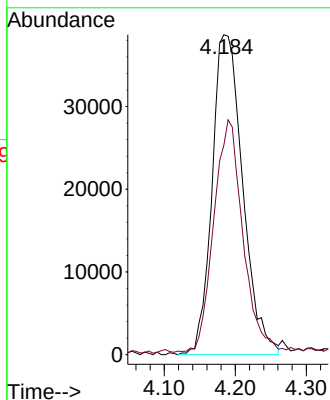
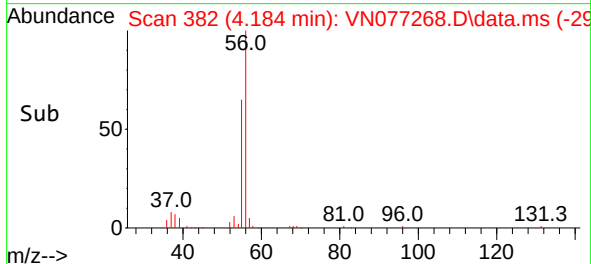
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



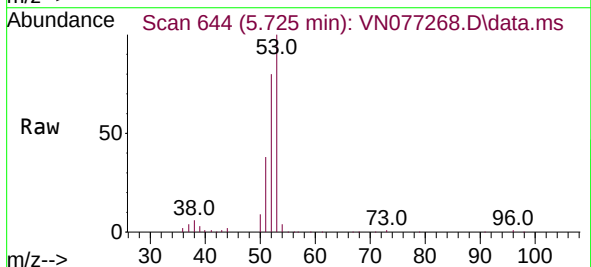
Tgt Ion: 56 Resp: 115989
Ion Ratio Lower Upper
56 100
55 68.3 55.0 82.4

Manual Integrations
APPROVED

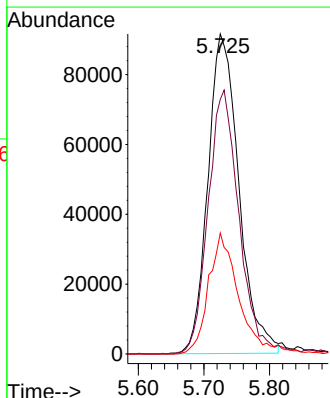
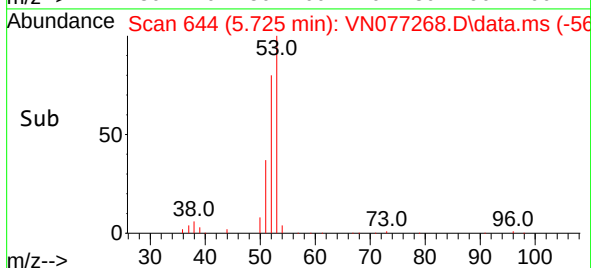
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

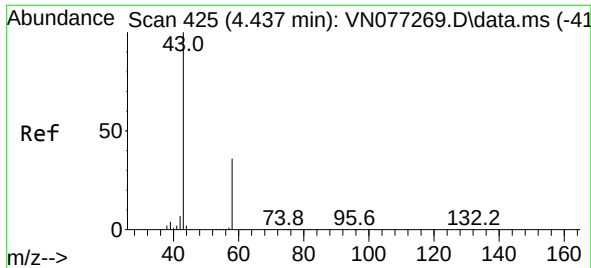


#14
Acrylonitrile
Concen: 83.037 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



Tgt Ion: 53 Resp: 300527
Ion Ratio Lower Upper
53 100
52 81.5 41.5 124.6
51 36.0 17.6 52.8





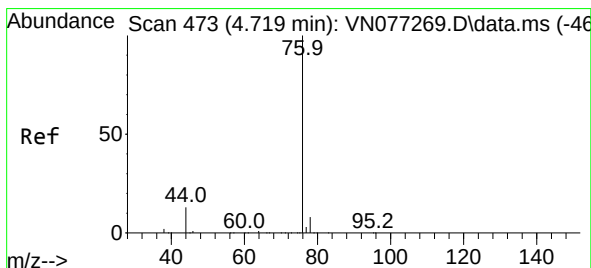
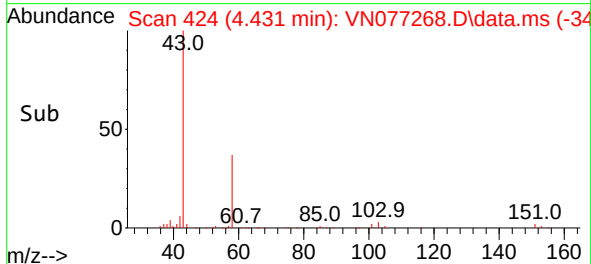
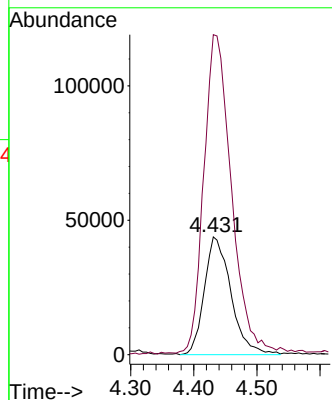
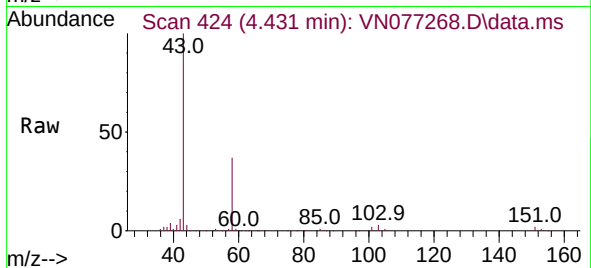
#15
Acetone
Concen: 130.444 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 12848
Ion Ratio Lower Upper
58 100
43 268.9 255.4 383.0

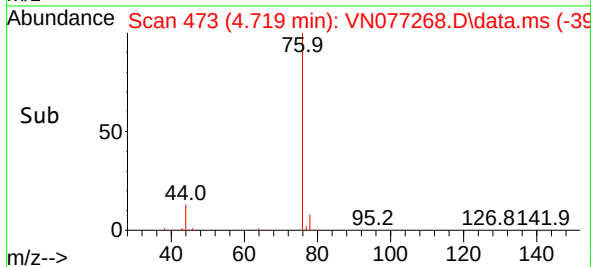
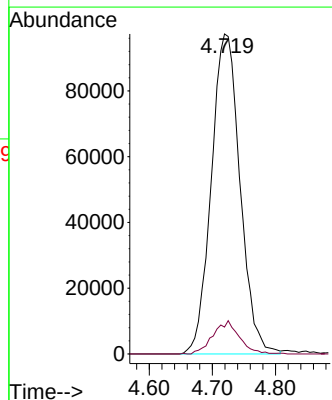
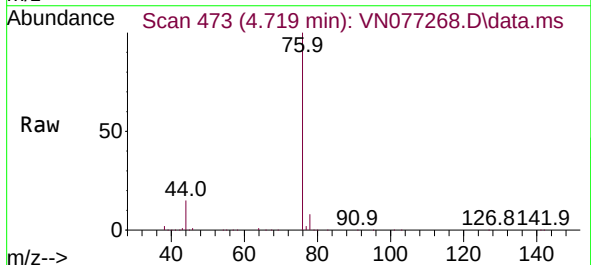
Manual Integrations
APPROVED

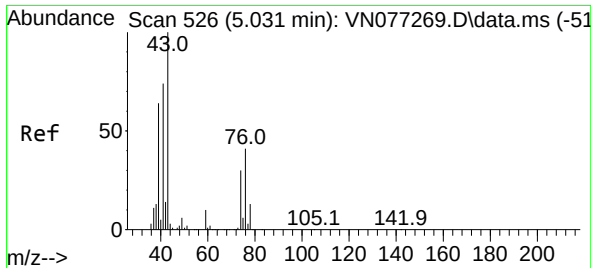
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#16
Carbon Disulfide
Concen: 16.614 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.012 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

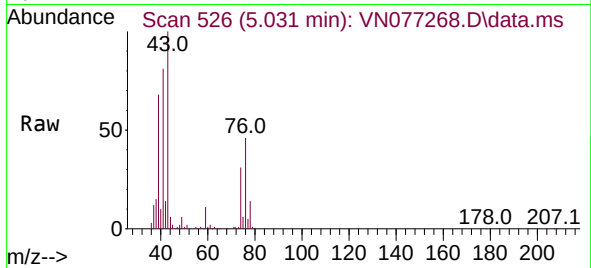
Tgt Ion: 76 Resp: 307727
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8





#17
Allyl chloride
Concen: 16.054 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

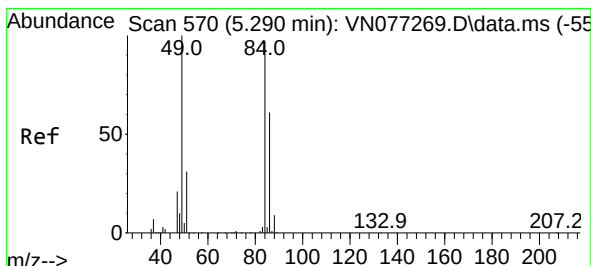
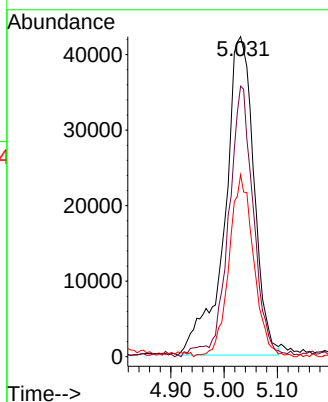
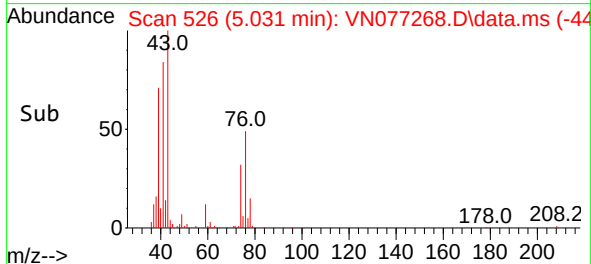
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



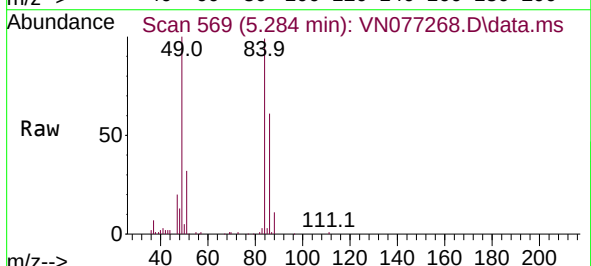
Tgt Ion: 41 Resp: 16084
Ion Ratio Lower Upper
41 100
39 84.4 34.8 104.3
76 56.3 17.5 52.5

Manual Integrations
APPROVED

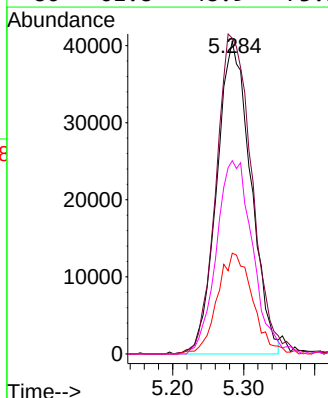
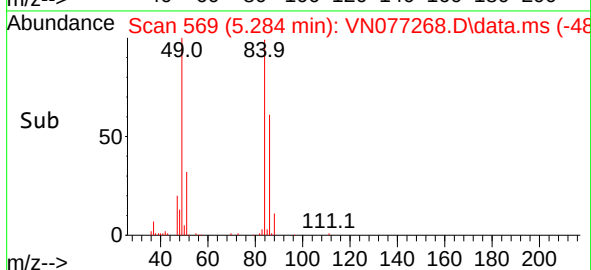
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

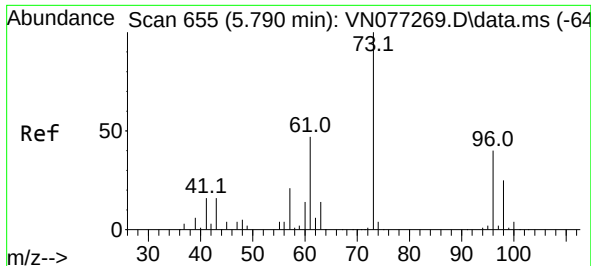


#18
Methylene Chloride
Concen: 17.254 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.011 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



Tgt Ion: 84 Resp: 134808
Ion Ratio Lower Upper
84 100
49 100.5 113.8 170.6#
51 32.2 34.2 51.4#
86 61.8 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 18.021 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.011 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 96 Resp: 12684

Ion Ratio Lower Upper

96 100

61 122.2 111.0 166.4

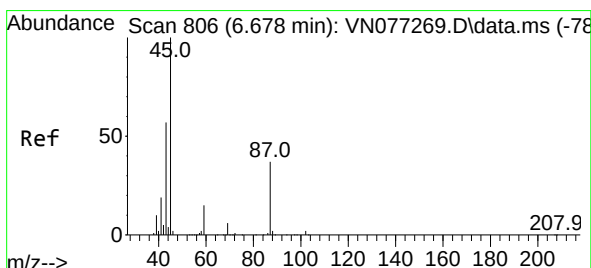
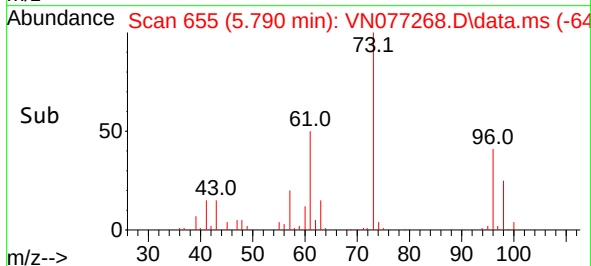
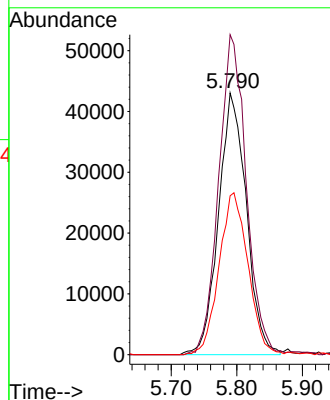
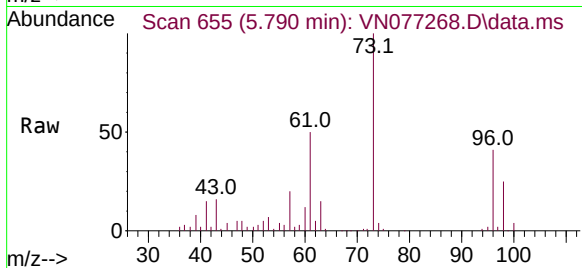
98 60.7 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#20

Diisopropyl ether

Concen: 15.955 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.011 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Tgt Ion: 45 Resp: 360605

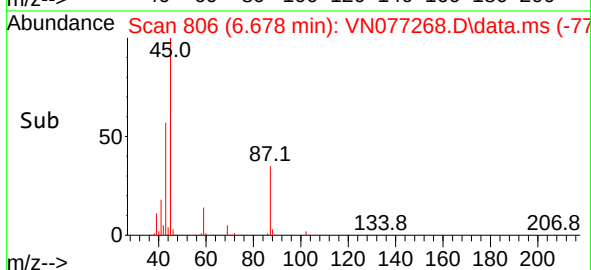
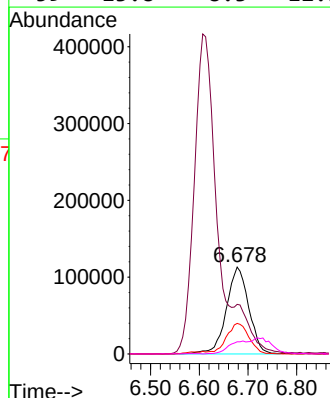
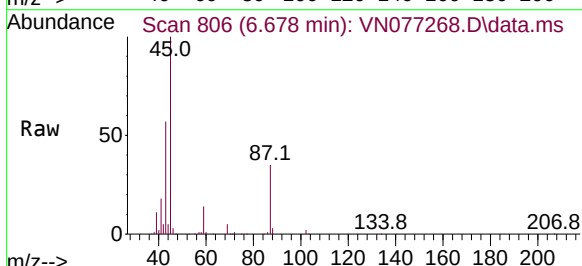
Ion Ratio Lower Upper

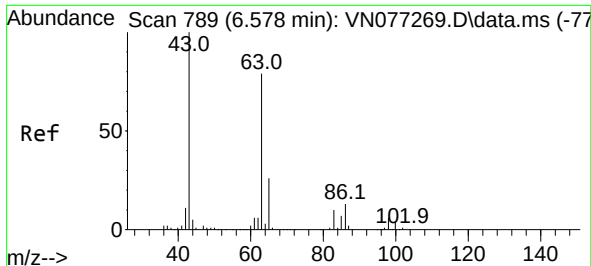
45 100

43 54.9 38.6 58.0

87 35.2 20.1 30.1#

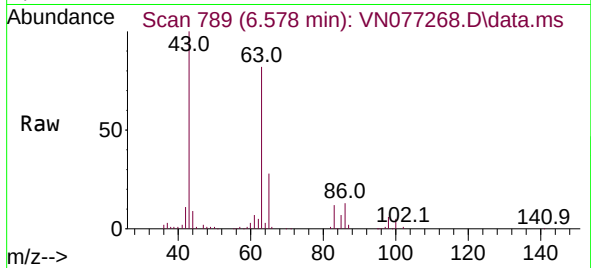
59 13.8 8.3 12.5#





#21
1,1-Dichloroethane
Concen: 17.027 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

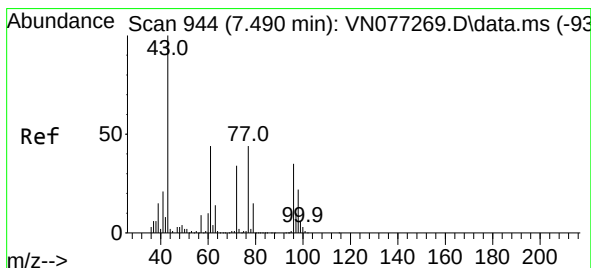
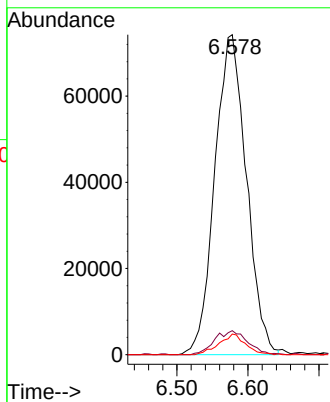
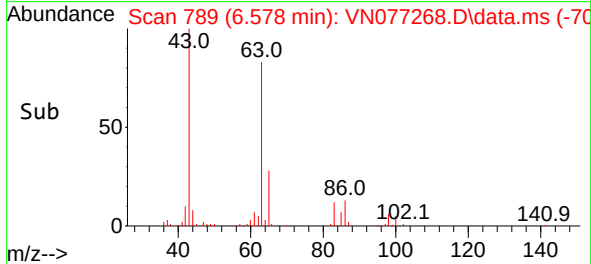
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 229020
Ion Ratio Lower Upper
63 100
98 7.5 3.6 10.9
100 6.5 2.6 7.8

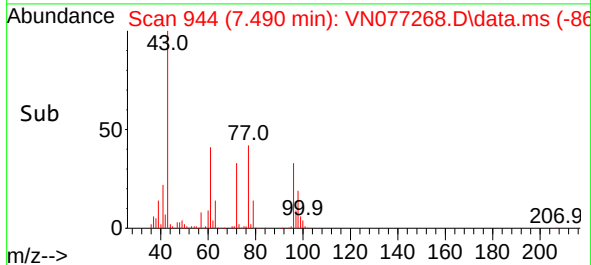
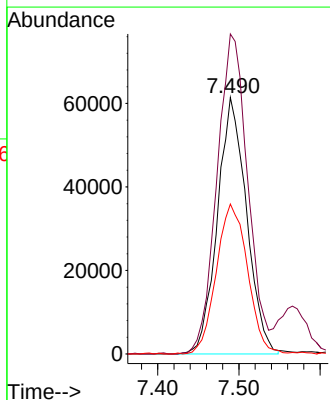
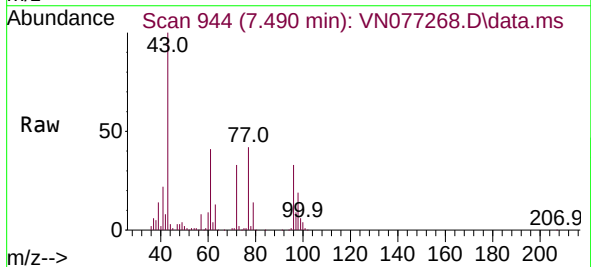
Manual Integrations
APPROVED

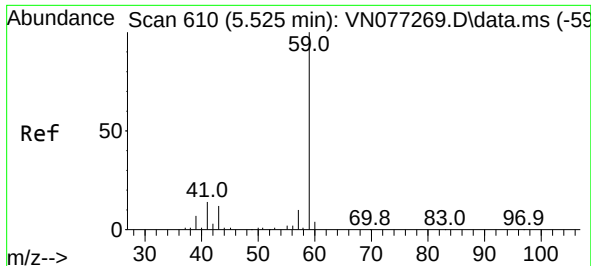
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#22
cis-1,2-Dichloroethene
Concen: 18.973 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

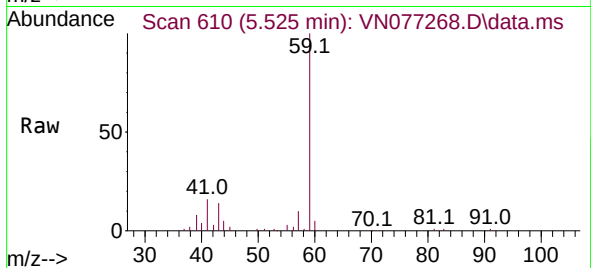
Tgt Ion: 96 Resp: 153035
Ion Ratio Lower Upper
96 100
61 131.8 121.0 181.4
98 62.6 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 134.924 ug/l m
RT: 5.525 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

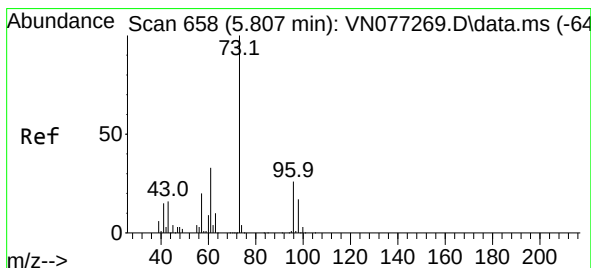
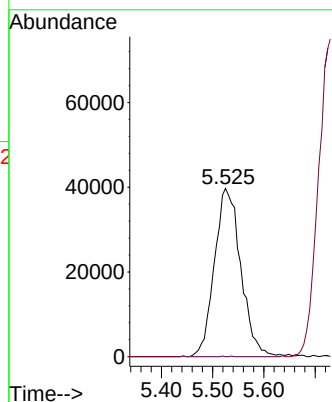
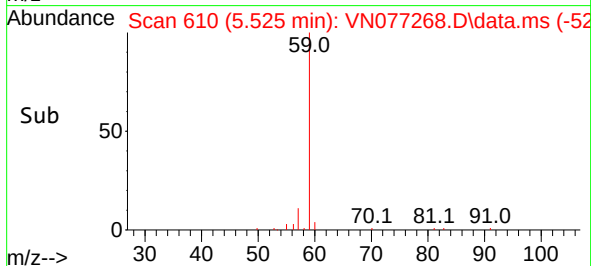
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 141819
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

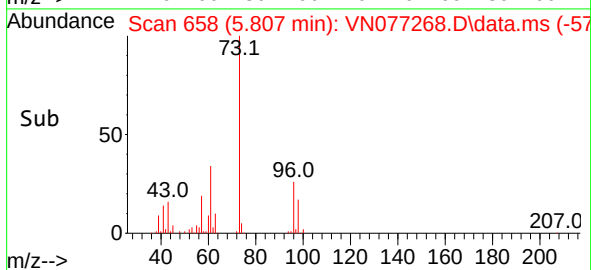
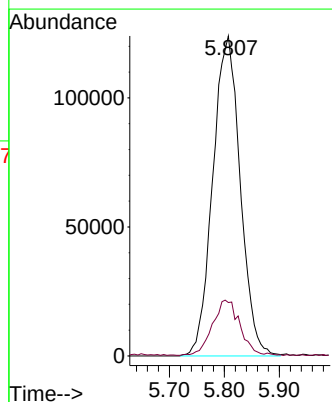
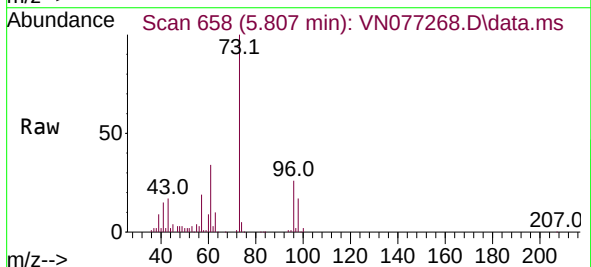
Manual Integrations
APPROVED

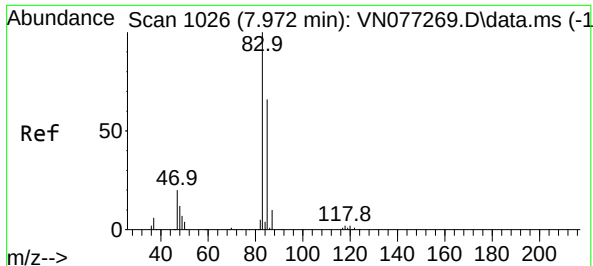
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#24
Methyl tert-Butyl Ether
Concen: 19.759 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 73 Resp: 430325
Ion Ratio Lower Upper
73 100
43 10.6 17.8 26.6





#25

Chloroform

Concen: 17.898 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 24729

Ion Ratio Lower Upper

83 100

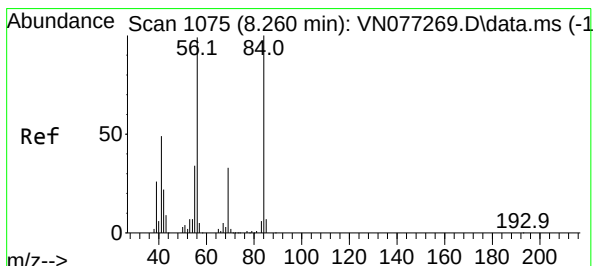
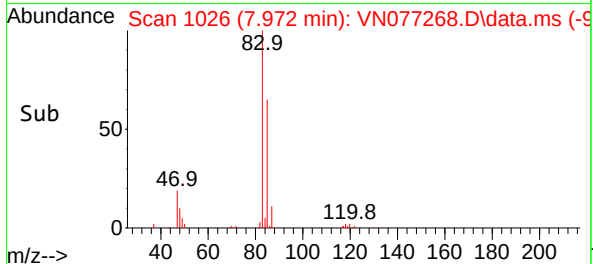
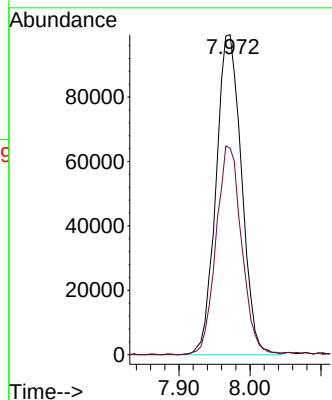
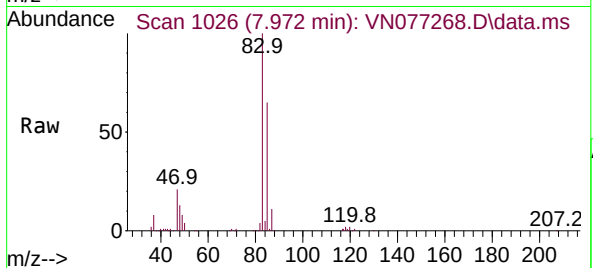
85 64.6 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#26

Cyclohexane

Concen: 16.090 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

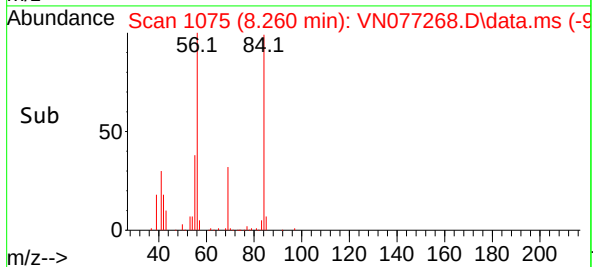
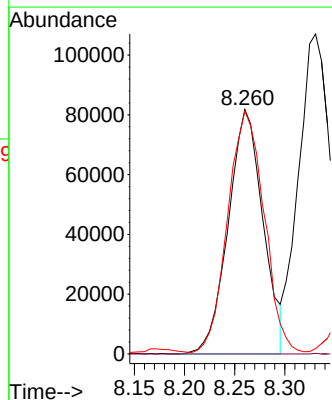
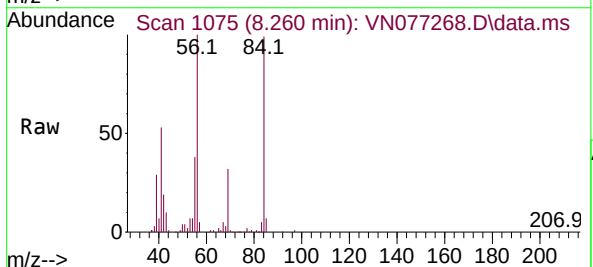
Tgt Ion: 56 Resp: 197594

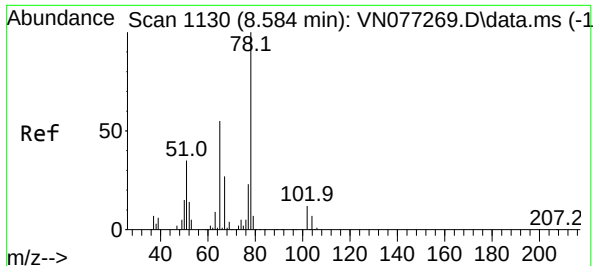
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 104.5 65.3 97.9





#27

1,2-Dichloroethane-d4

Concen: 27.158 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 152190

Ion Ratio Lower Upper

65 100

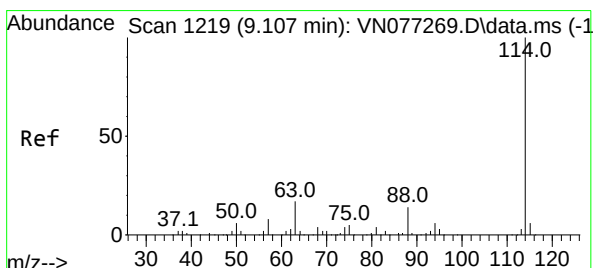
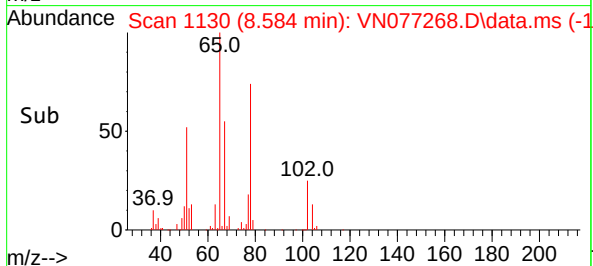
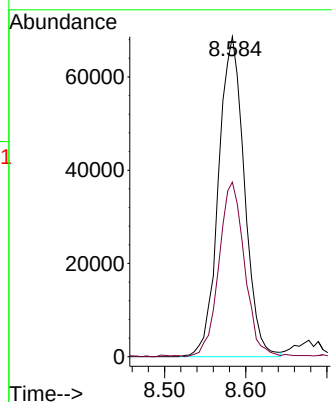
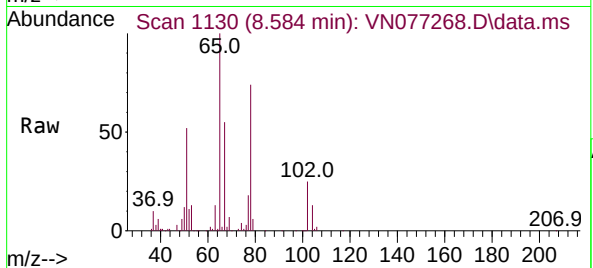
67 53.9 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

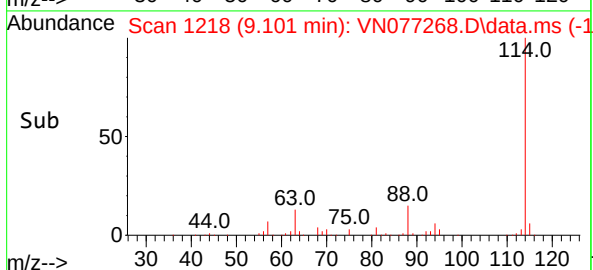
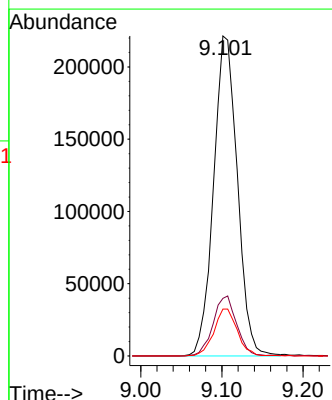
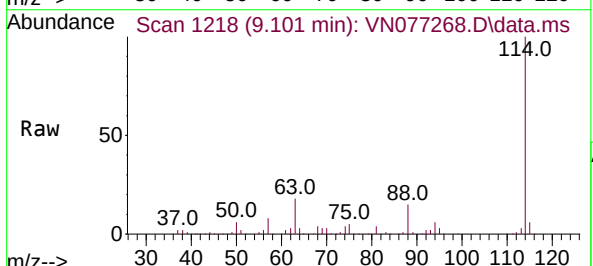
Tgt Ion:114 Resp: 451070

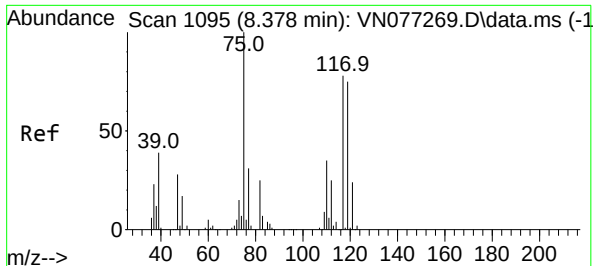
Ion Ratio Lower Upper

114 100

63 18.7 17.0 25.4

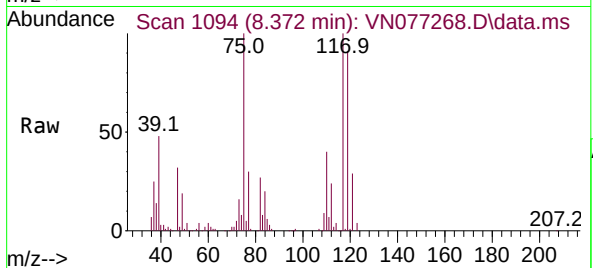
88 14.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 17.336 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

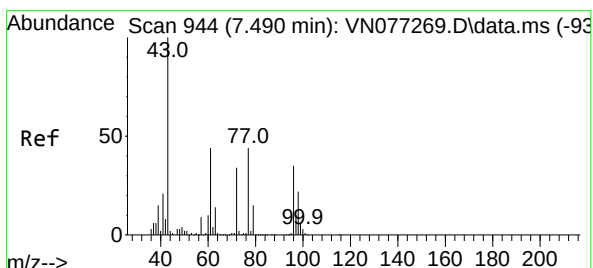
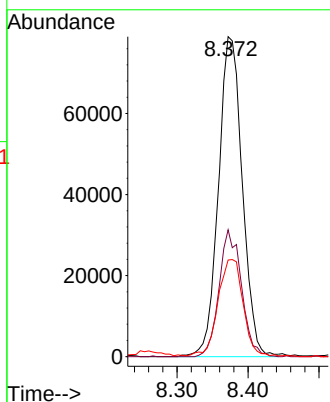
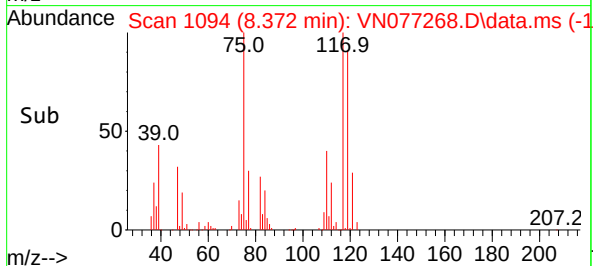
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 18419
Ion Ratio Lower Upper
75 100
110 37.1 0.0 67.2
77 31.0 0.0 64.4

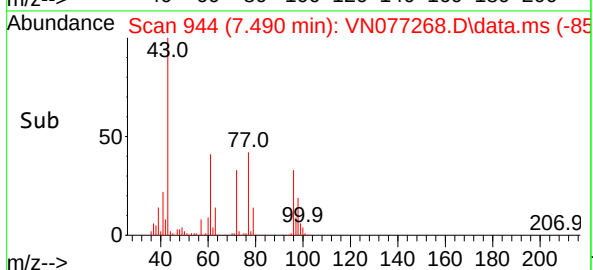
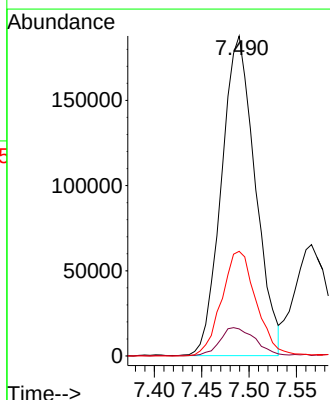
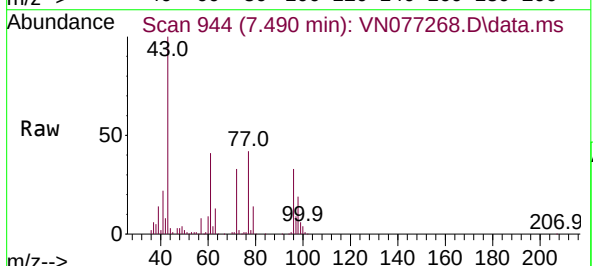
Manual Integrations
APPROVED

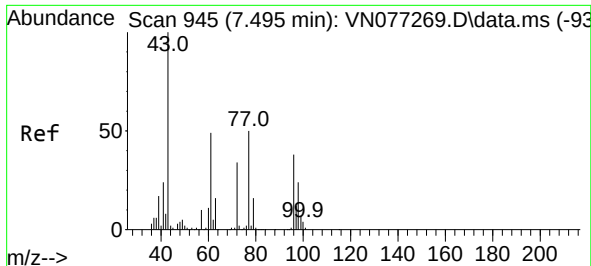
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#30
2-Butanone
Concen: 96.173 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 43 Resp: 466176
Ion Ratio Lower Upper
43 100
57 9.4 6.1 9.1#
72 33.7 20.2 30.4#





#31

2,2-Dichloropropane

Concen: 21.330 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 224520

Ion Ratio Lower Upper

77 100

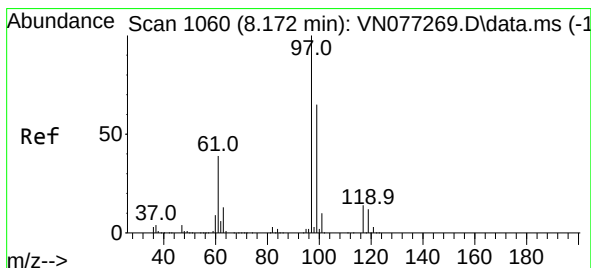
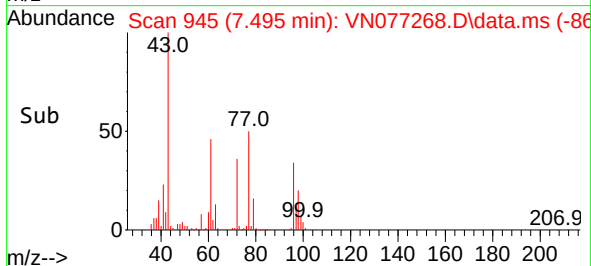
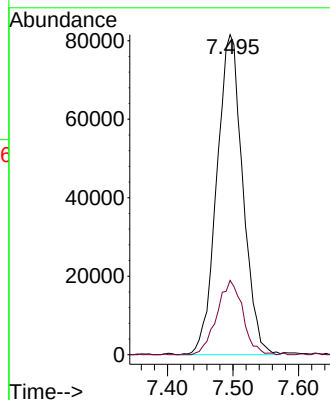
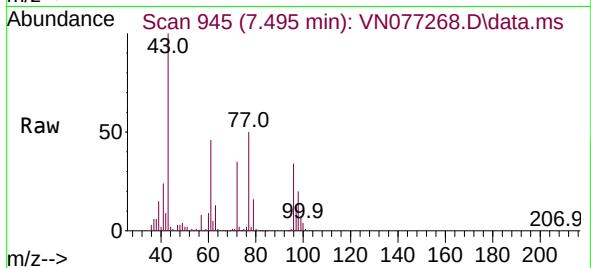
97 23.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#32

1,1,1-Trichloroethane

Concen: 18.508 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

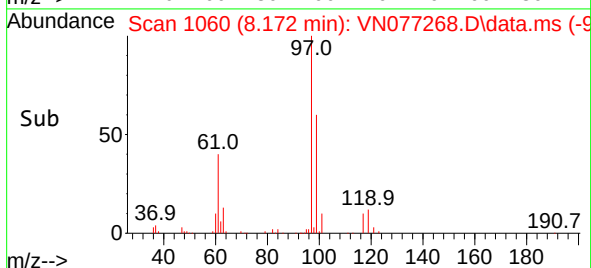
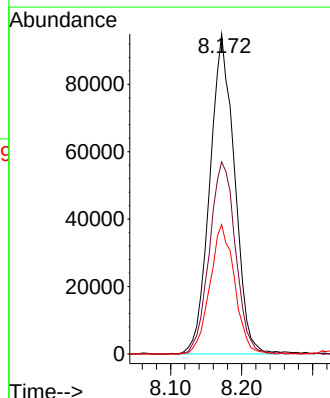
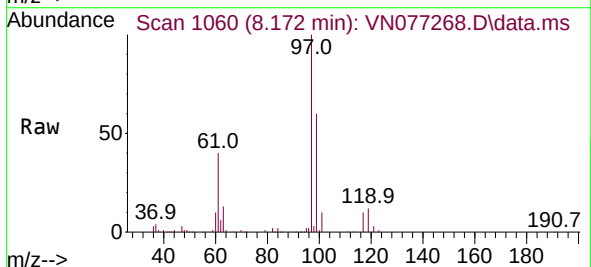
Tgt Ion: 97 Resp: 229366

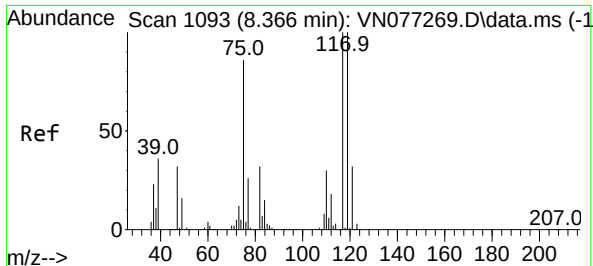
Ion Ratio Lower Upper

97 100

99 63.3 51.8 77.8

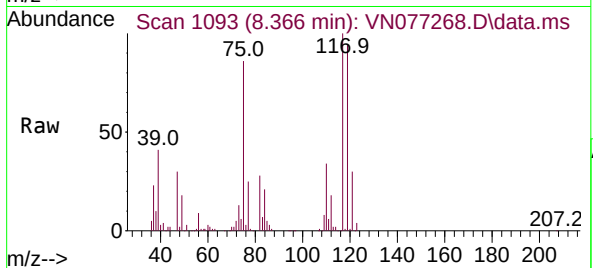
61 40.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 17.977 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

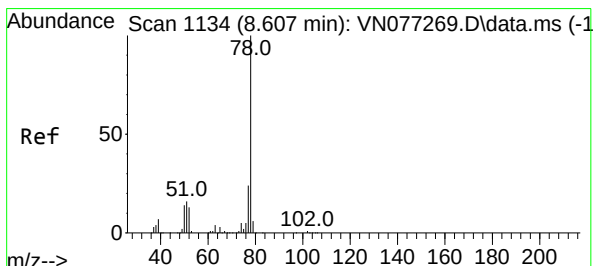
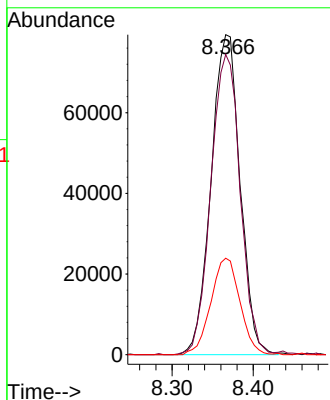
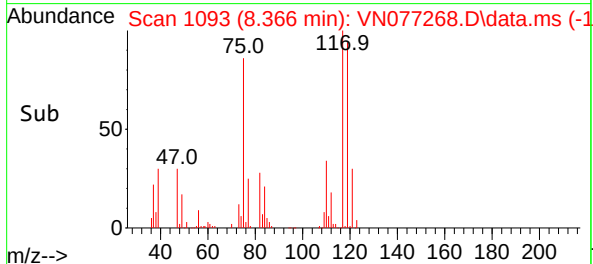
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 196984
Ion Ratio Lower Upper
117 100
119 93.6 79.8 119.8
121 30.1 23.4 35.0

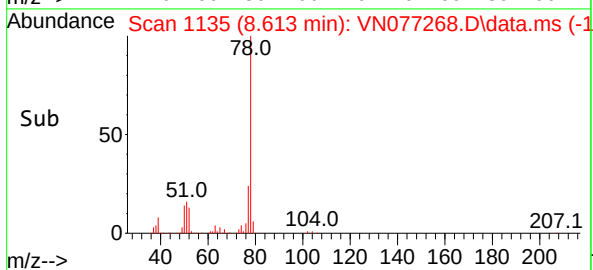
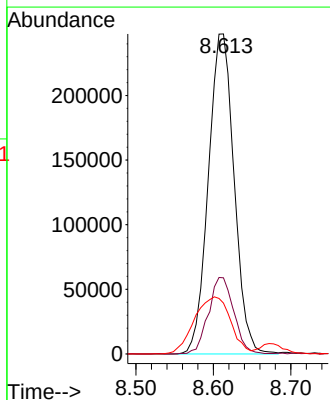
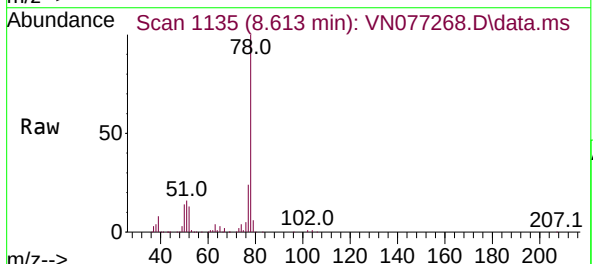
Manual Integrations
APPROVED

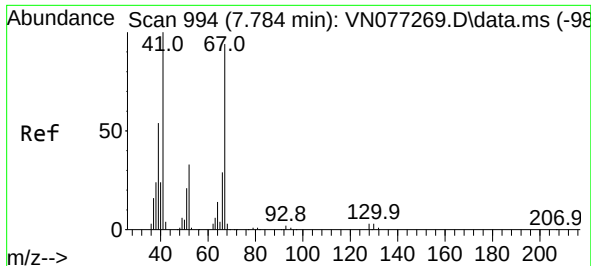
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#34
Benzene
Concen: 17.603 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

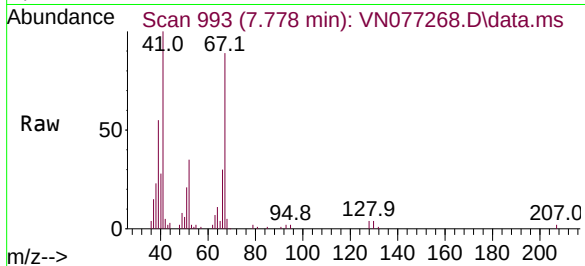
Tgt Ion: 78 Resp: 573350
Ion Ratio Lower Upper
78 100
77 23.7 17.4 26.2
51 13.9 13.8 20.6





#35
Methacrylonitrile
Concen: 14.865 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

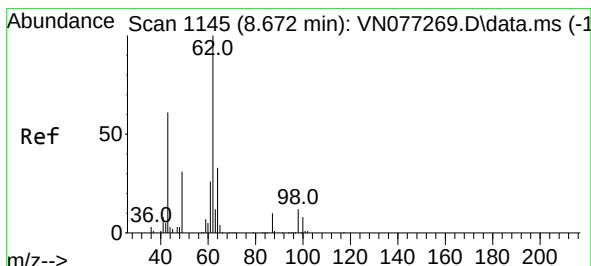
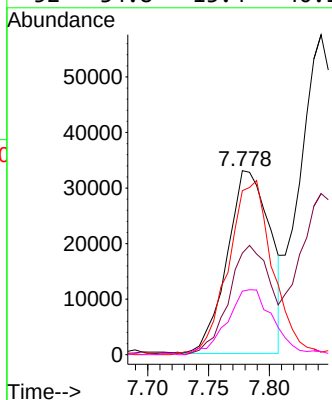
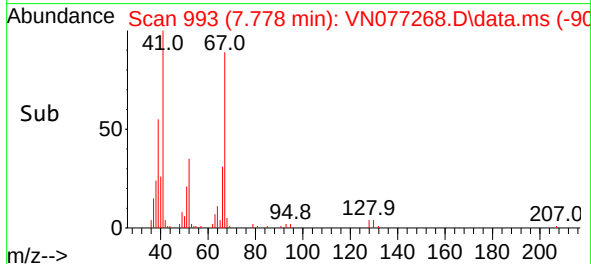
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	41	Resp:	8107
Ion Ratio	100	Lower	Upper
39	54.2	26.6	79.7
67	89.2	32.3	96.9
52	34.8	13.4	40.1

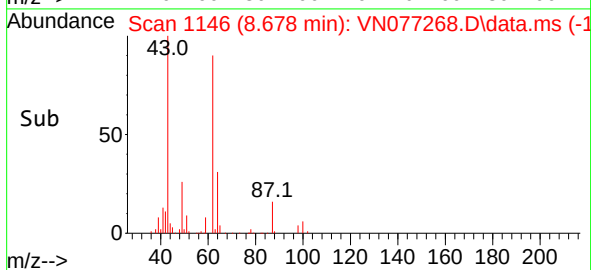
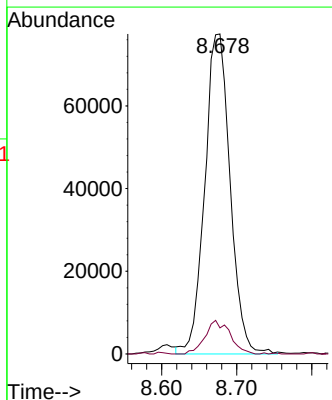
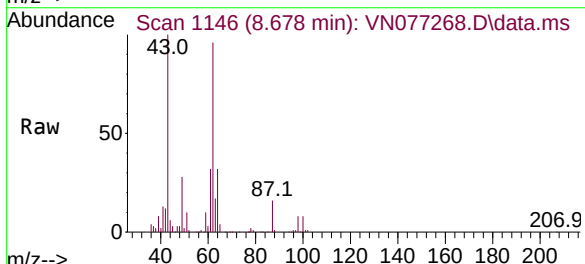
Manual Integrations
APPROVED

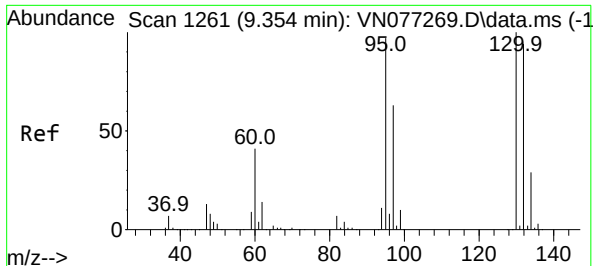
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#36
1,2-Dichloroethane
Concen: 16.673 ug/l m
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion:	62	Resp:	182032
Ion Ratio	100	Lower	Upper
98	0.2	7.4	11.0#





#37

Trichloroethene

Concen: 17.083 ug/l

RT: 9.354 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 13714

Ion Ratio Lower Upper

130 100

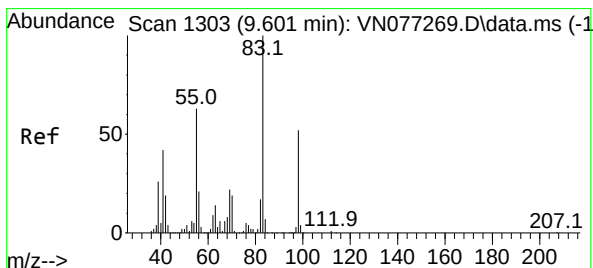
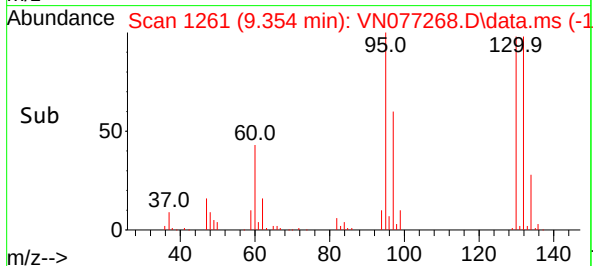
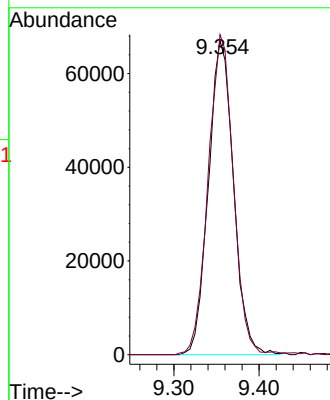
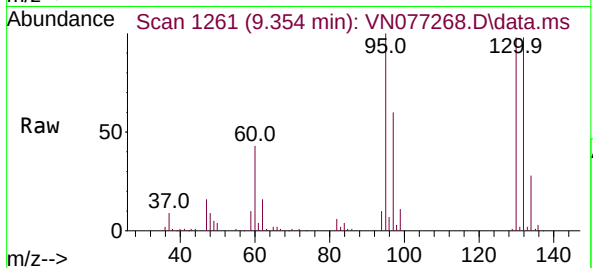
95 101.4 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#38

Methylcyclohexane

Concen: 18.765 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

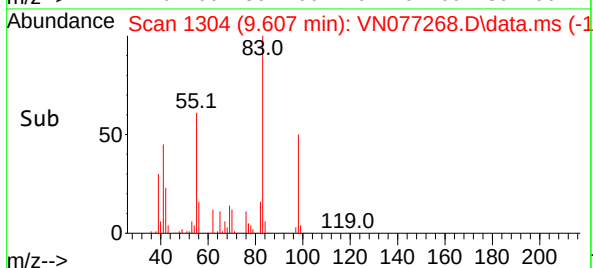
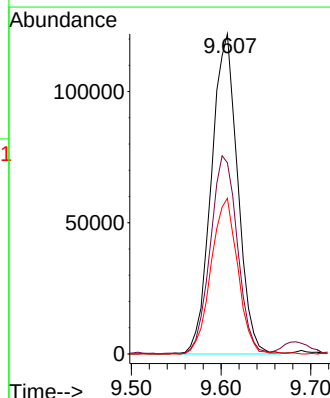
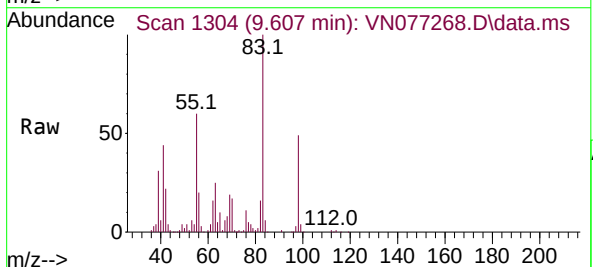
Tgt Ion: 83 Resp: 248158

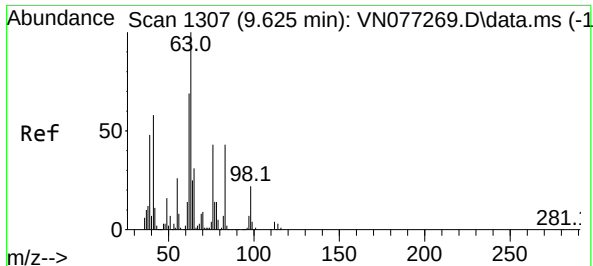
Ion Ratio Lower Upper

83 100

55 63.9 37.6 112.9

98 49.3 24.1 72.4





#39

1,2-Dichloropropane

Concen: 17.097 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 143085

Ion Ratio Lower Upper

63 100

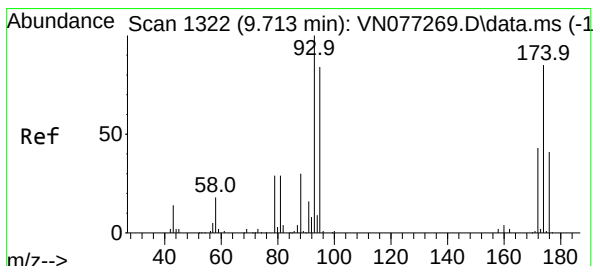
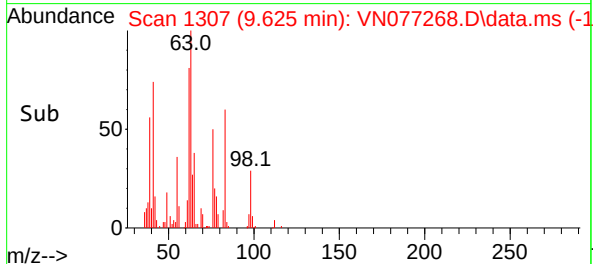
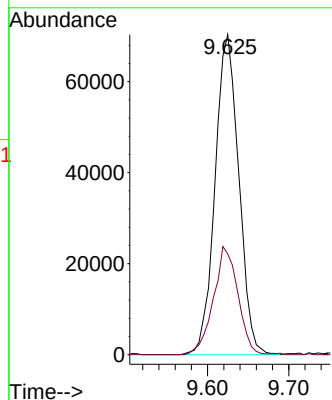
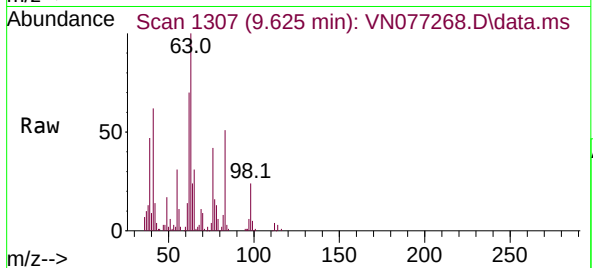
65 31.5 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#40

Dibromomethane

Concen: 19.205 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

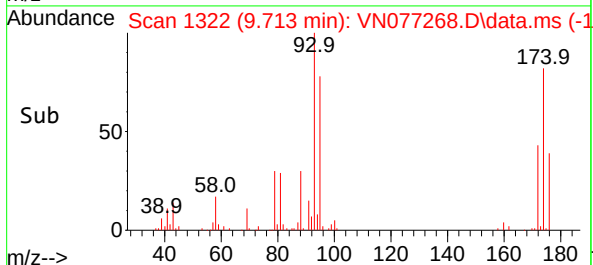
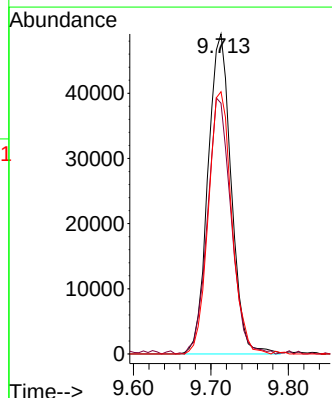
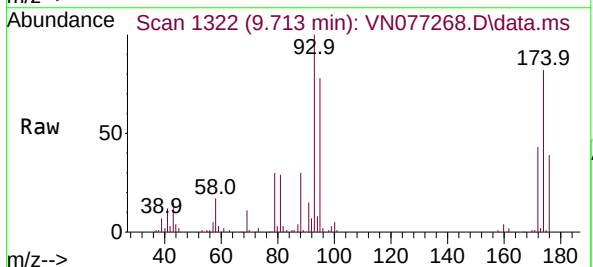
Tgt Ion: 93 Resp: 102393

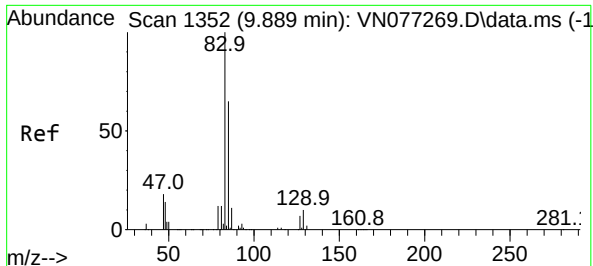
Ion Ratio Lower Upper

93 100

95 81.1 0.0 158.0

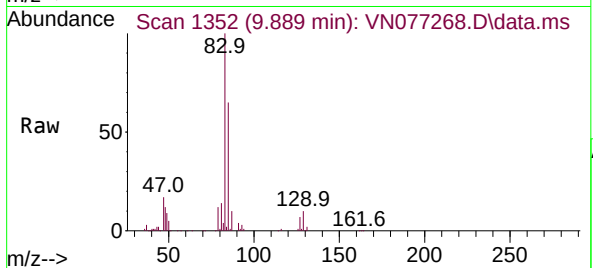
174 81.8 0.0 171.2





#41
Bromodichloromethane
Concen: 18.804 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

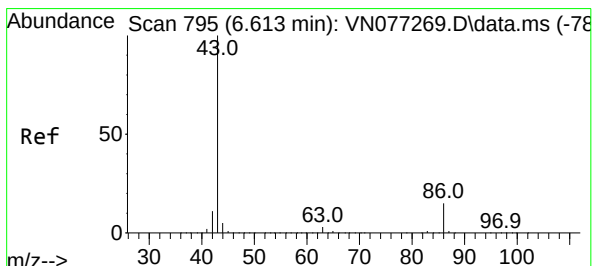
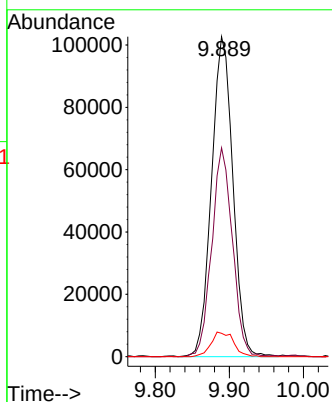
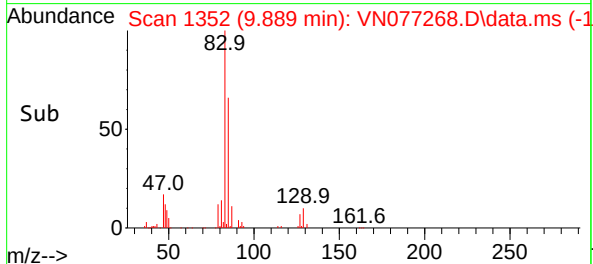
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 205468
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4
127 7.3 6.2 9.2

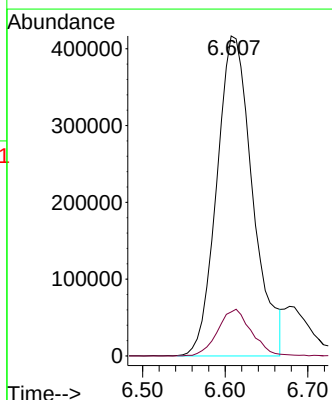
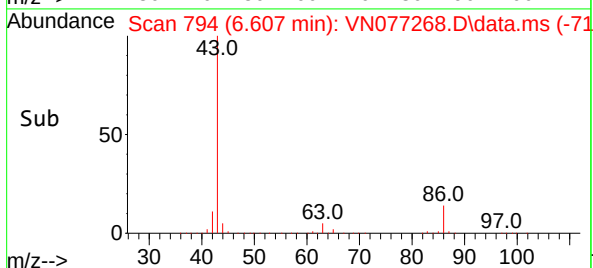
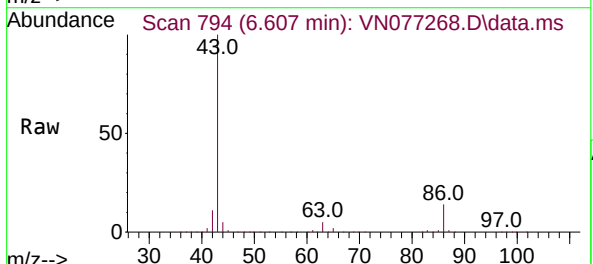
Manual Integrations
APPROVED

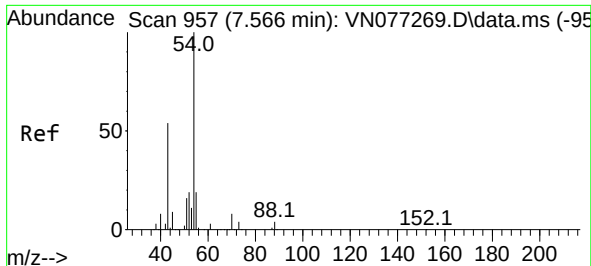
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#42
Vinyl Acetate
Concen: 83.358 ug/l m
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 43 Resp: 1259520
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.6#





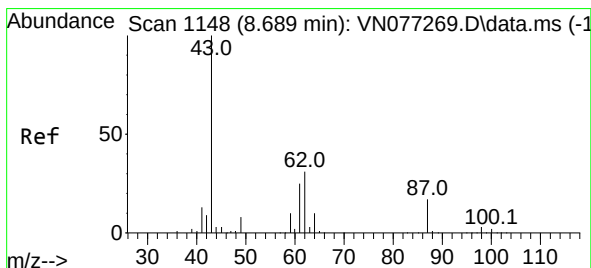
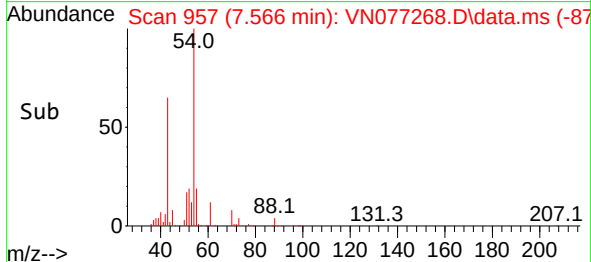
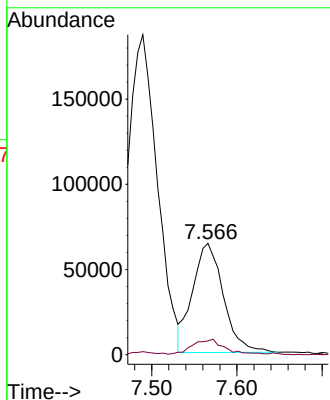
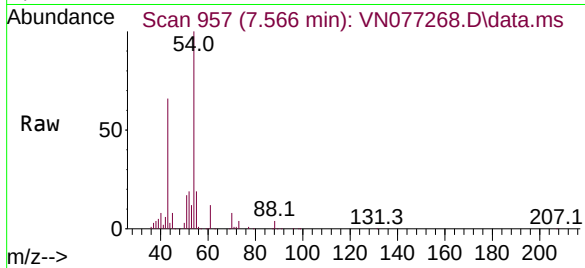
#43
Ethyl Acetate
Concen: 16.502 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 16140
Ion Ratio Lower Upper
43 100
45 14.8 11.2 16.8

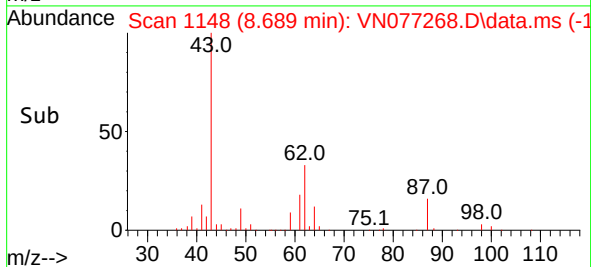
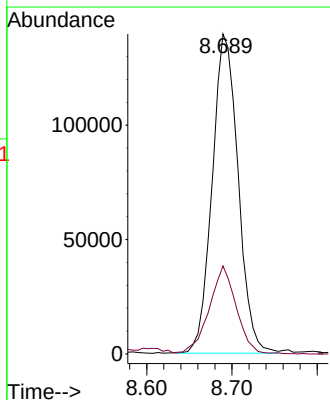
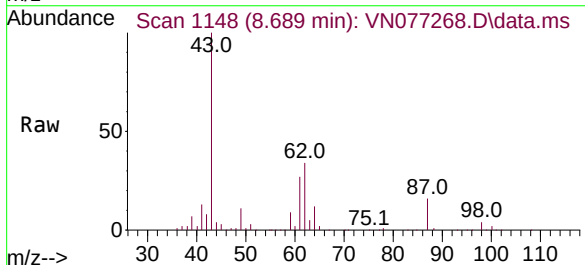
Manual Integrations
APPROVED

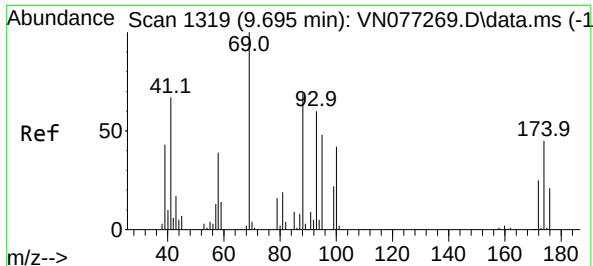
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#44
Isopropyl Acetate
Concen: 18.639 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

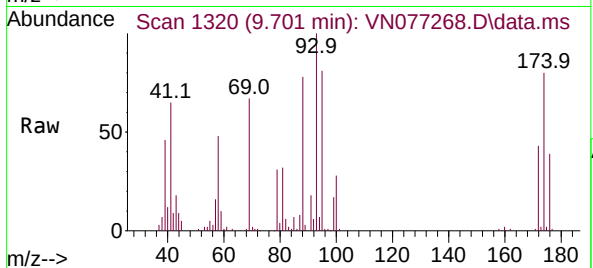
Tgt Ion: 43 Resp: 295518
Ion Ratio Lower Upper
43 100
61 28.8 19.5 29.3





#45
1,4-Dioxane
Concen: 470.938 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

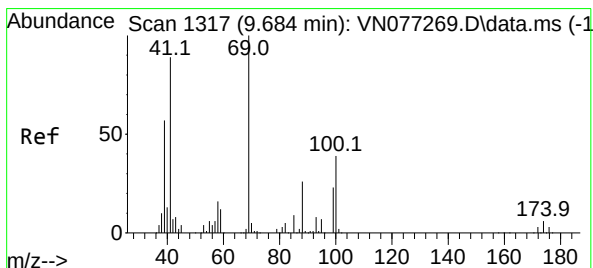
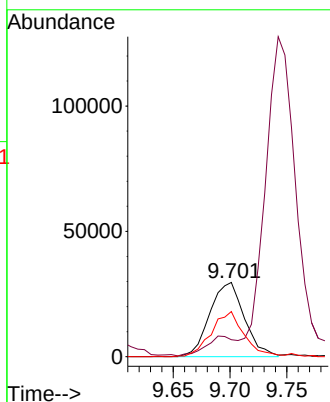
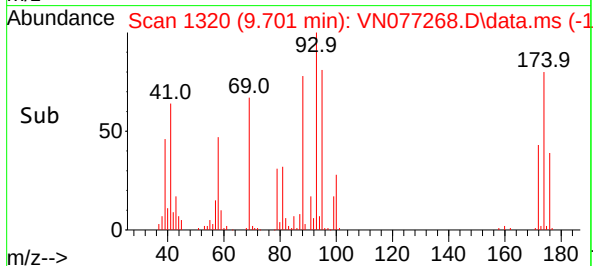
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



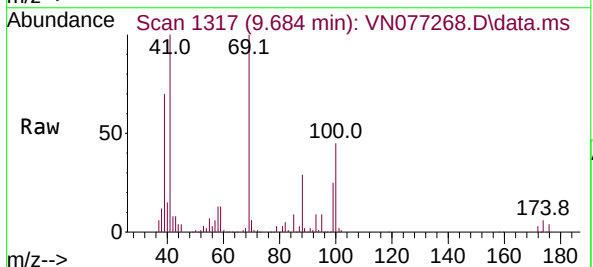
Tgt Ion: 88 Resp: 62815
Ion Ratio Lower Upper
88 100
43 23.0 26.0 39.0
58 57.6 54.3 81.5

Manual Integrations
APPROVED

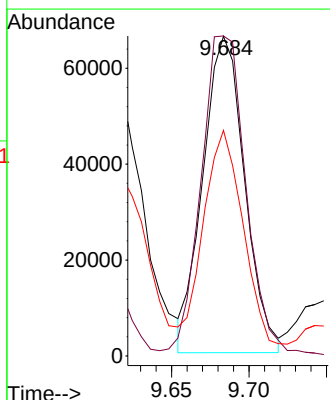
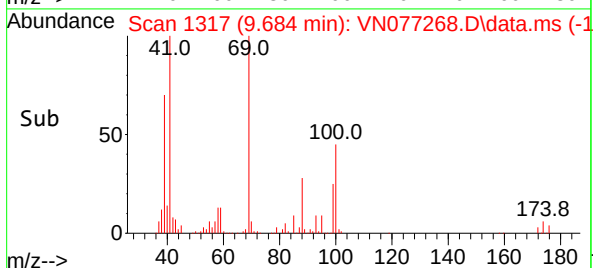
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

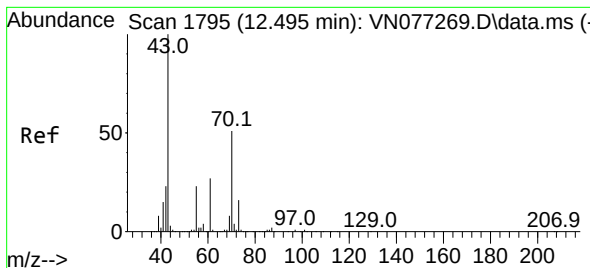


#46
Methyl methacrylate
Concen: 16.010 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



Tgt Ion: 41 Resp: 123620
Ion Ratio Lower Upper
41 100
69 100.7 40.6 121.7
39 70.6 30.5 91.5





#47

n-amy1 Acetate

Concen: 19.497 ug/l

RT: 12.495 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077268.D

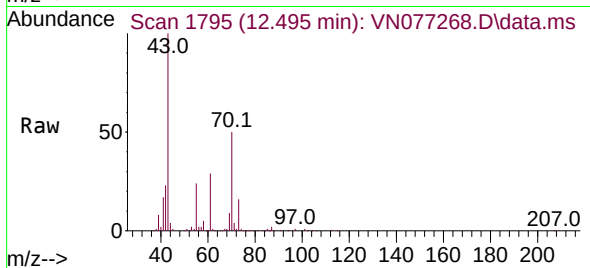
Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020



Tgt Ion: 43 Resp: 25157

Ion Ratio Lower Upper

43 100

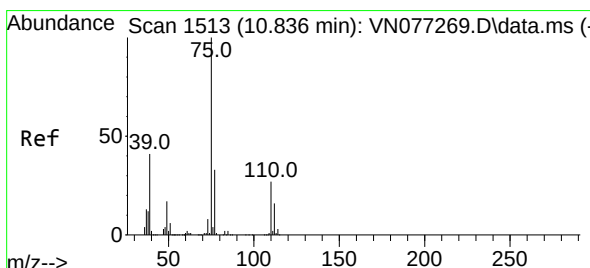
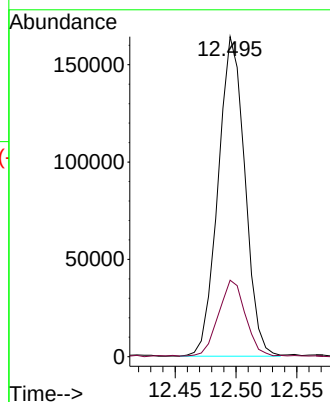
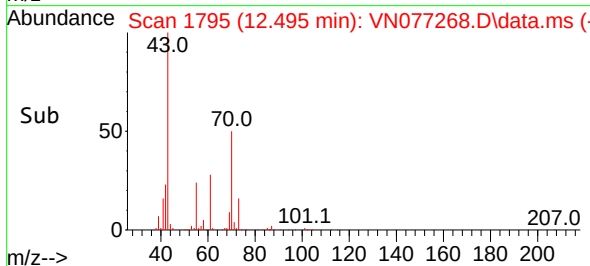
55 23.6 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#48

t-1,3-Dichloropropene

Concen: 20.445 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. -0.006 min

Lab File: VN077268.D

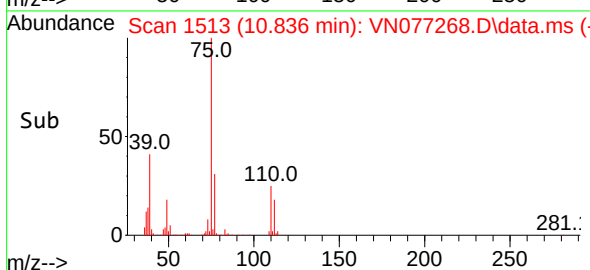
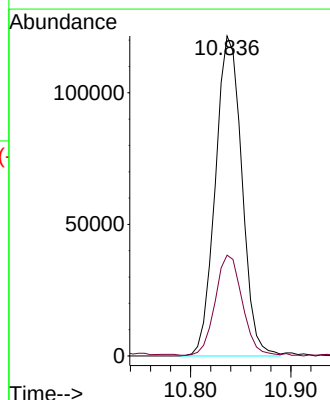
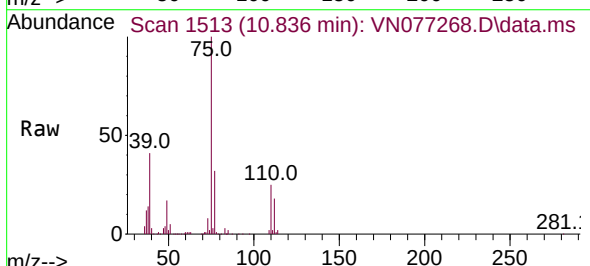
Acq: 07 Apr 2023 09:58

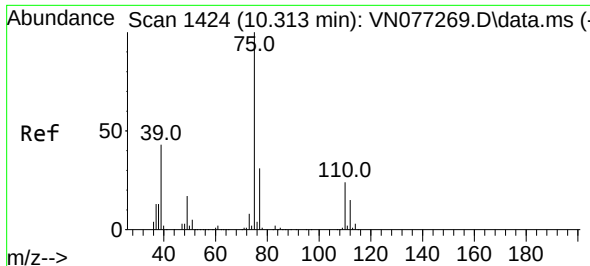
Tgt Ion: 75 Resp: 223747

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2





#49

cis-1,3-Dichloropropene

Concen: 19.419 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 241384

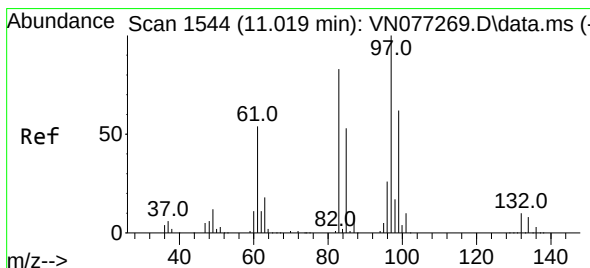
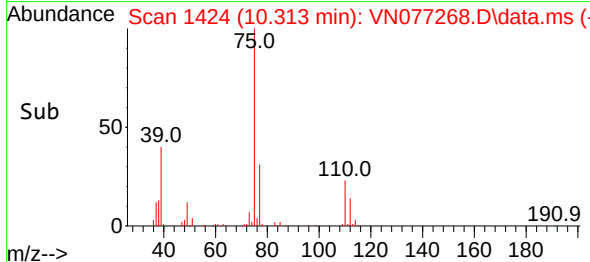
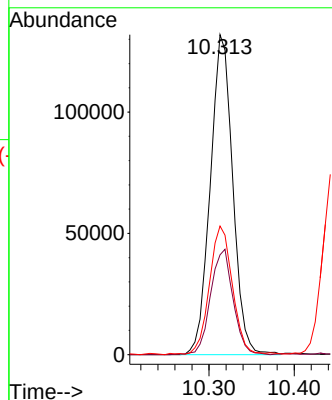
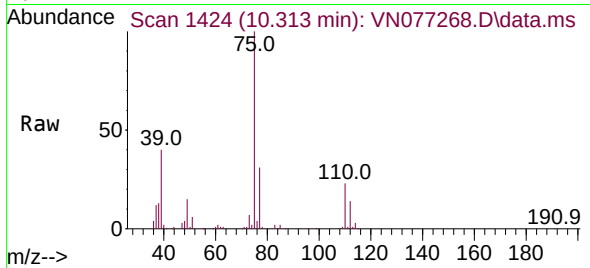
Ion	Ratio	Lower	Upper
75	100		
77	31.0	27.5	41.3
39	40.0	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#50

1,1,2-Trichloroethane

Concen: 18.690 ug/l

RT: 11.019 min Scan# 1544

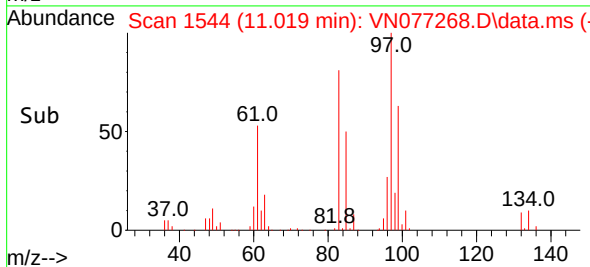
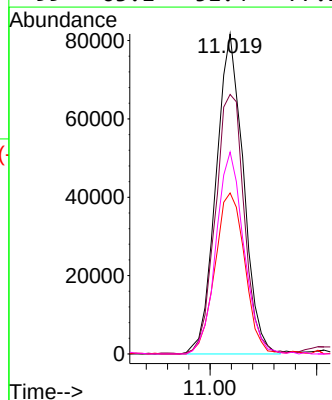
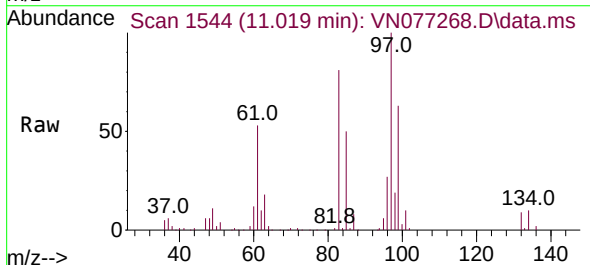
Delta R.T. -0.000 min

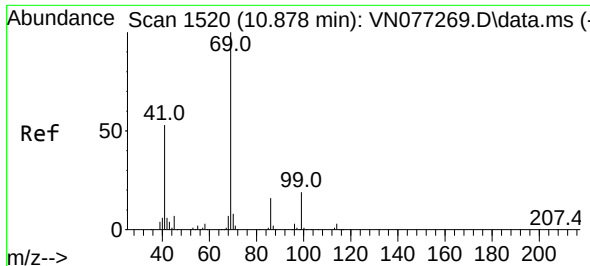
Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Tgt Ion: 97 Resp: 145983

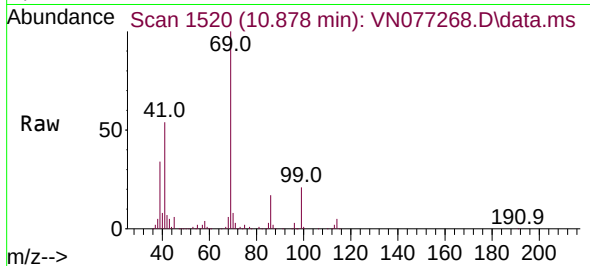
Ion	Ratio	Lower	Upper
97	100		
83	81.1	71.0	106.4
85	50.3	45.5	68.3
99	63.1	51.4	77.2





#51
Ethyl methacrylate
Concen: 19.726 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

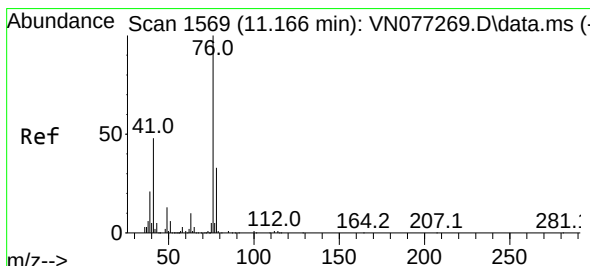
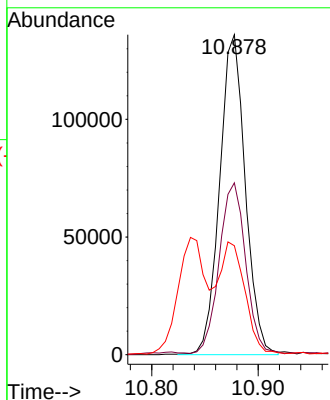
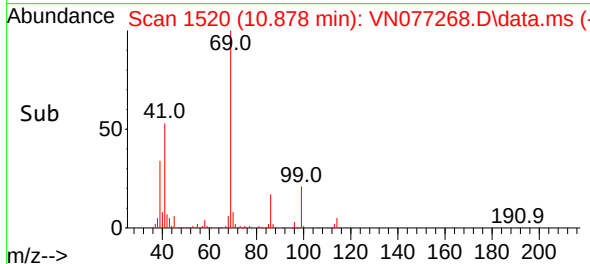
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 227144
Ion Ratio Lower Upper
69 100
41 53.3 36.3 108.7
39 33.5 19.9 59.7

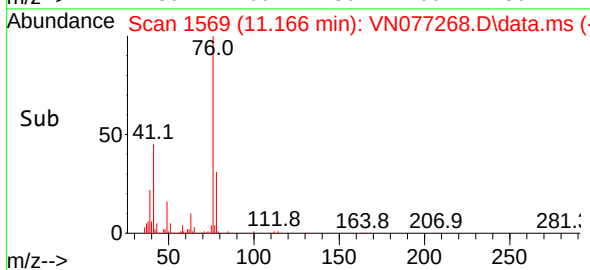
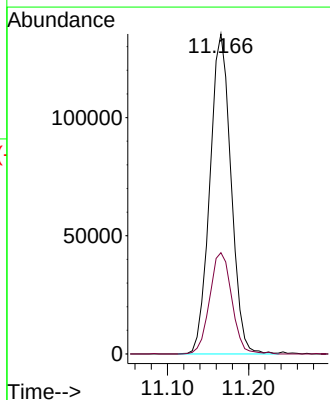
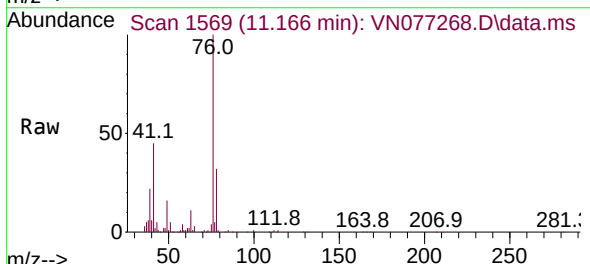
Manual Integrations
APPROVED

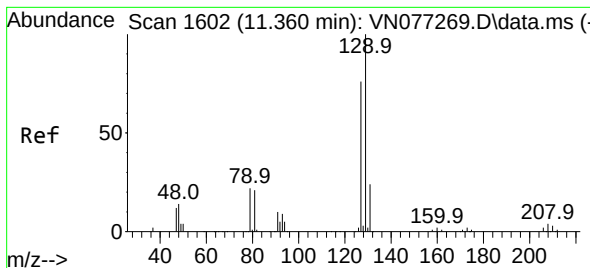
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#52
1,3-Dichloropropane
Concen: 18.154 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 76 Resp: 244912
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.4





#53

Dibromochloromethane

Concen: 19.446 ug/l

RT: 11.360 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:129 Resp: 154950

Ion Ratio Lower Upper

129 100

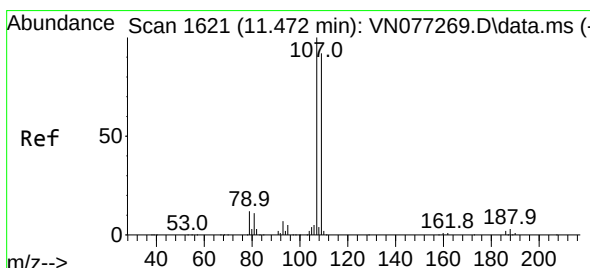
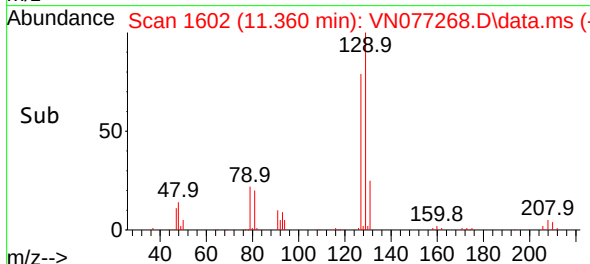
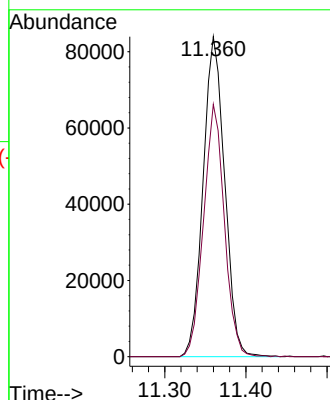
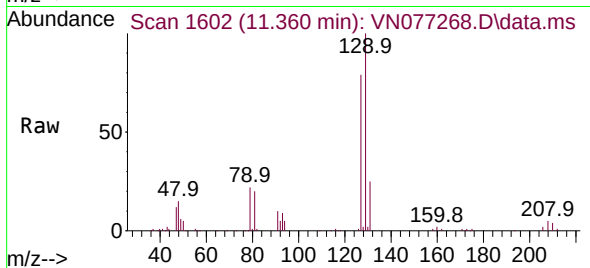
127 76.0 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#54

1,2-Dibromoethane

Concen: 19.924 ug/l

RT: 11.472 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VN077268.D

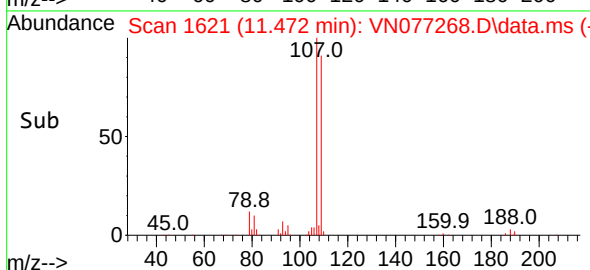
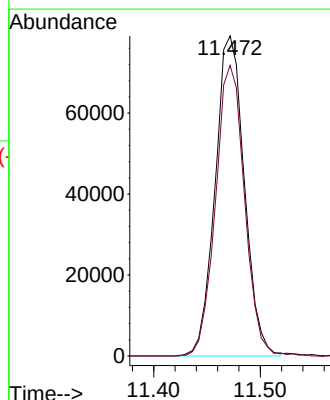
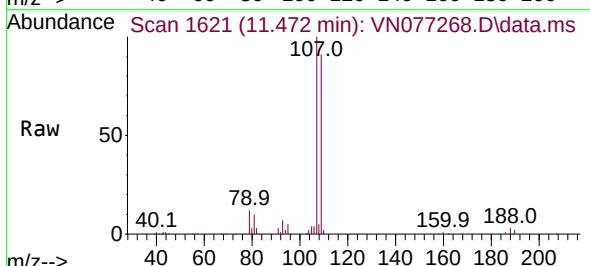
Acq: 07 Apr 2023 09:58

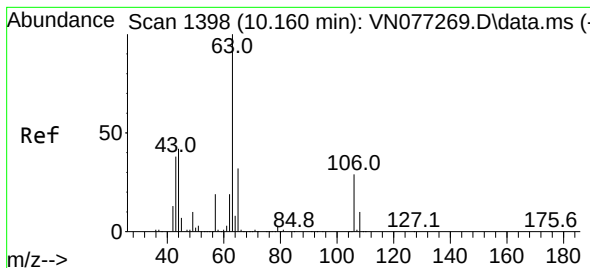
Tgt Ion:107 Resp: 150171

Ion Ratio Lower Upper

107 100

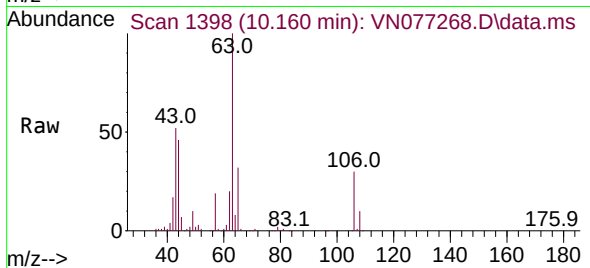
109 90.3 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 87.928 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

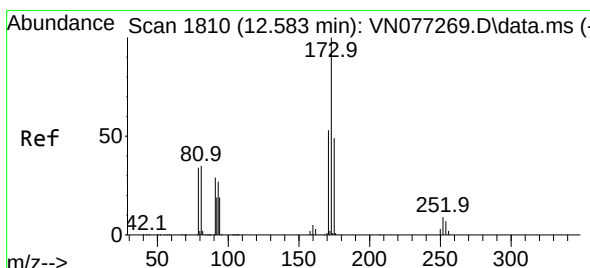
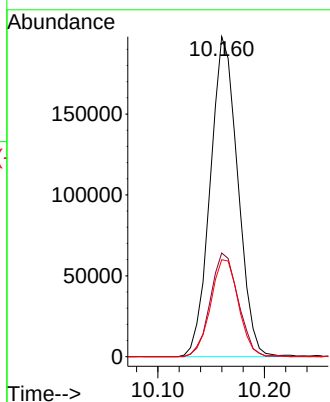
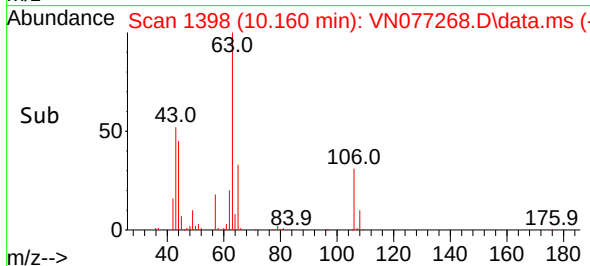
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 35498
Ion Ratio Lower Upper
63 100
65 32.6 26.3 39.5
106 30.6 21.6 32.4

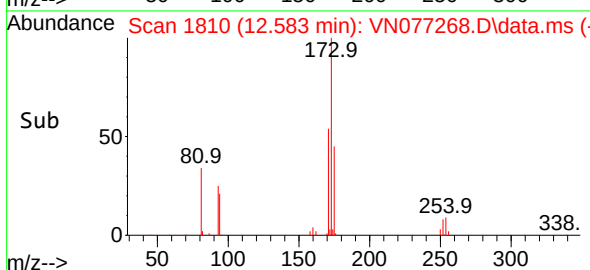
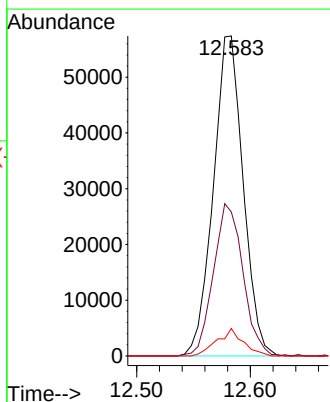
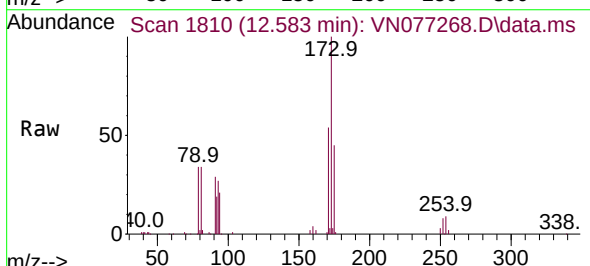
Manual Integrations
APPROVED

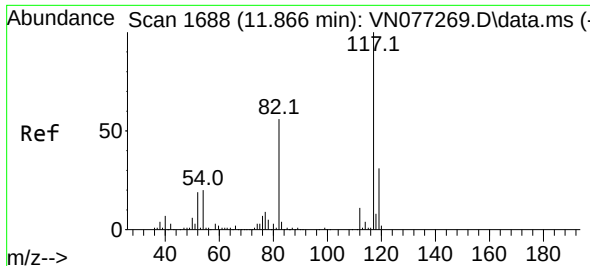
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#56
Bromoform
Concen: 19.646 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

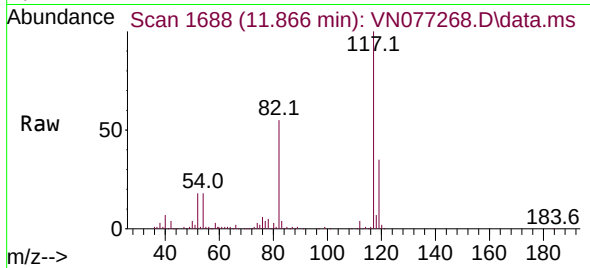
Tgt Ion:173 Resp: 104729
Ion Ratio Lower Upper
173 100
175 47.1 37.8 56.6
254 7.5 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

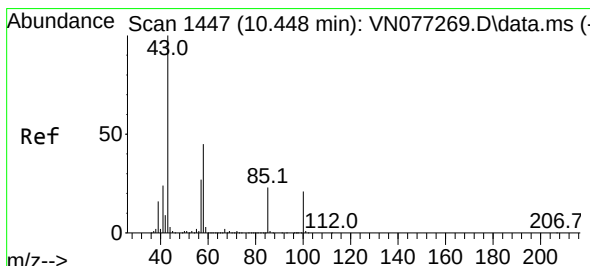
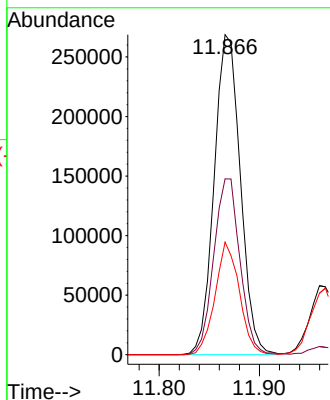
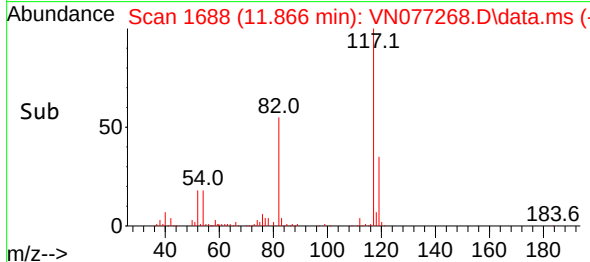
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



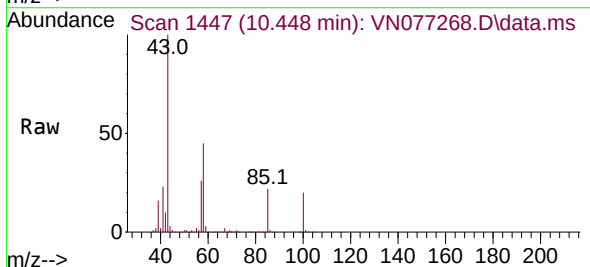
Tgt Ion: 117 Resp: 48789
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.6 26.8 40.2

Manual Integrations
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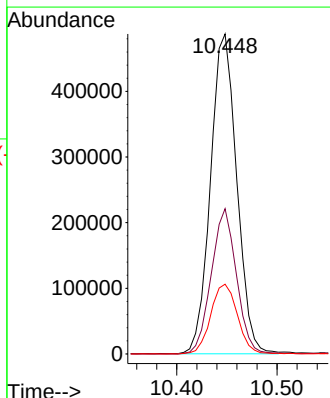
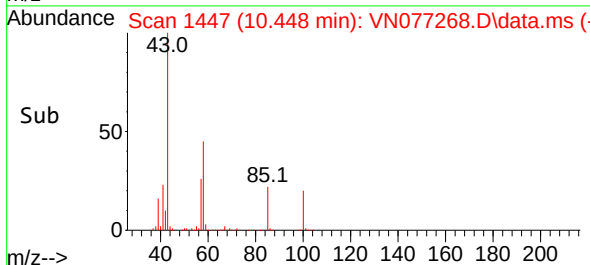
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

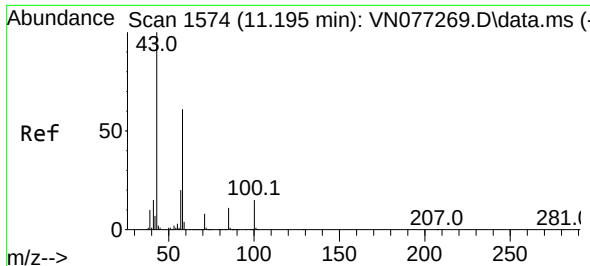


#58
4-Methyl-2-Pentanone
Concen: 89.969 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



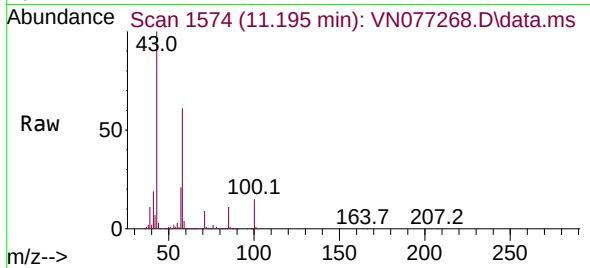
Tgt Ion: 43 Resp: 886750
Ion Ratio Lower Upper
43 100
58 43.6 28.6 42.8#
85 22.2 11.8 17.8#





#59
2-Hexanone
Concen: 99.675 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

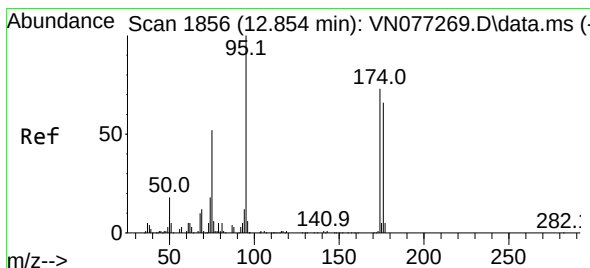
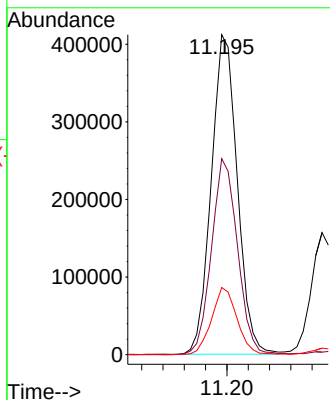
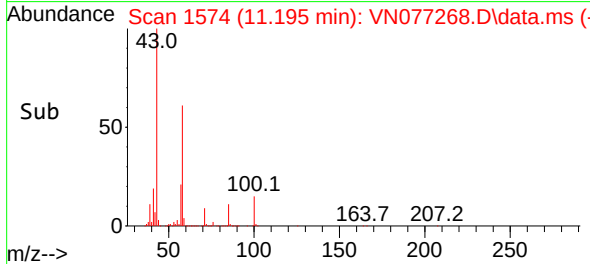
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



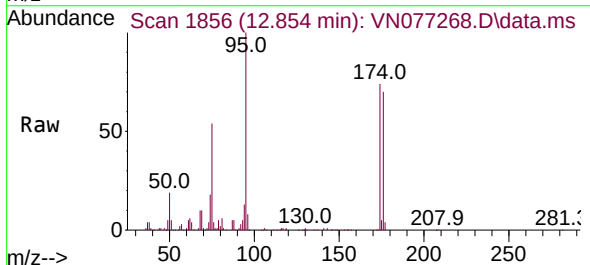
Tgt Ion: 43 Resp: 697880
Ion Ratio Lower Upper
43 100
58 61.4 40.6 60.8
57 20.5 13.1 19.7

Manual Integrations
APPROVED

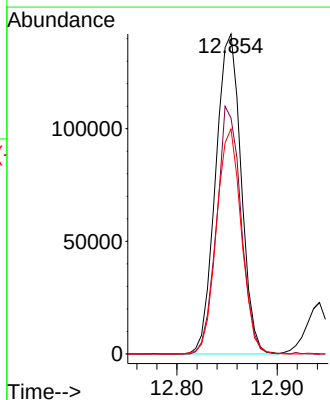
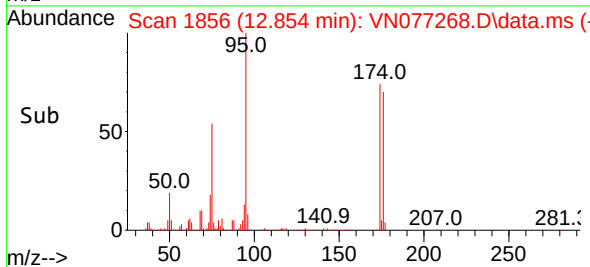
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

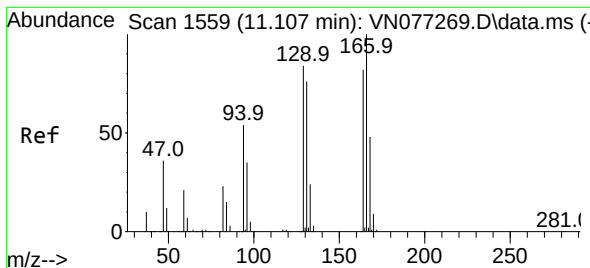


#60
4-Bromofluorobenzene
Concen: 27.150 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



Tgt Ion: 95 Resp: 250703
Ion Ratio Lower Upper
95 100
174 73.9 64.2 96.4
176 68.7 61.4 92.0





#61

Tetrachloroethene

Concen: 13.861 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 106763

Ion Ratio Lower Upper

164 100

166 129.8 96.2 144.2

129 109.0 78.2 117.4

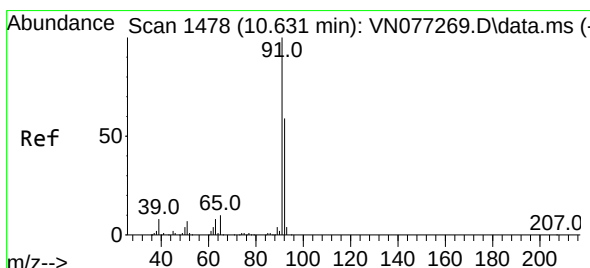
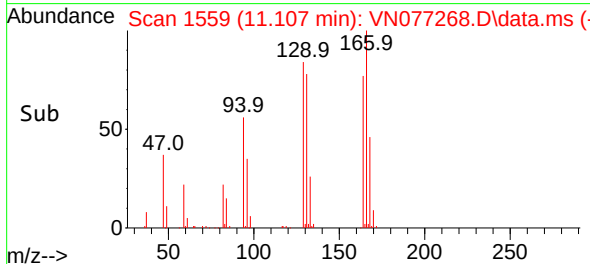
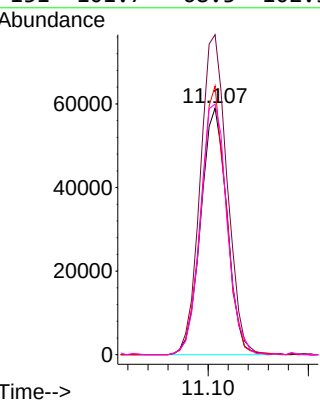
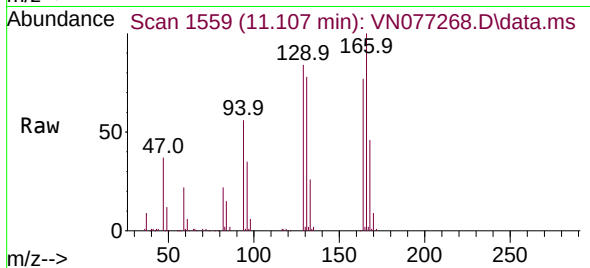
131 101.7 68.3 102.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#62

Toluene

Concen: 19.062 ug/l

RT: 10.631 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077268.D

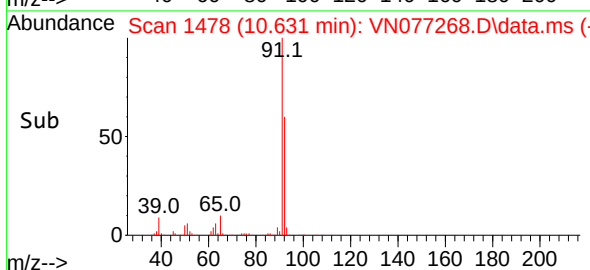
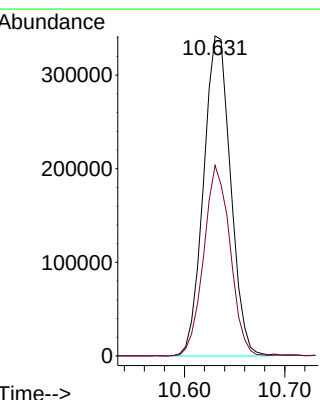
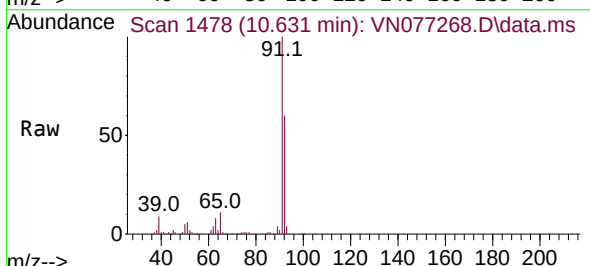
Acq: 07 Apr 2023 09:58

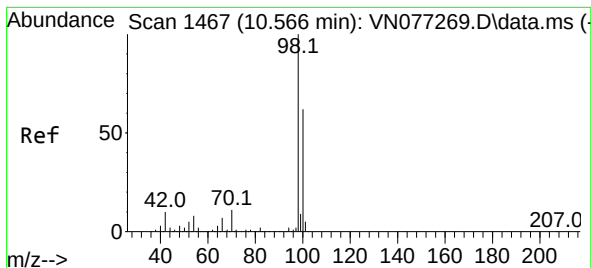
Tgt Ion: 91 Resp: 640843

Ion Ratio Lower Upper

91 100

92 58.2 46.3 69.5





#63

Toluene-d8

Concen: 29.688 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 98 Resp: 50946

Ion Ratio Lower Upper

98 100

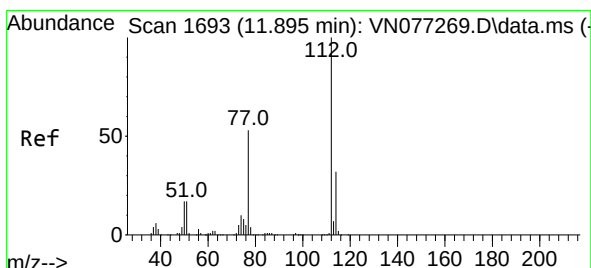
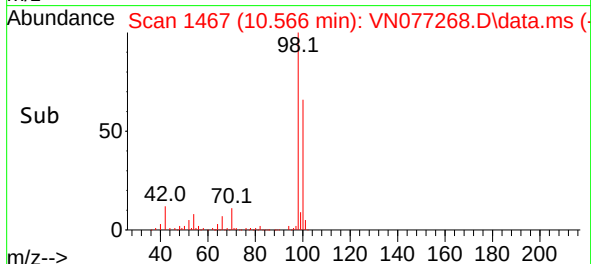
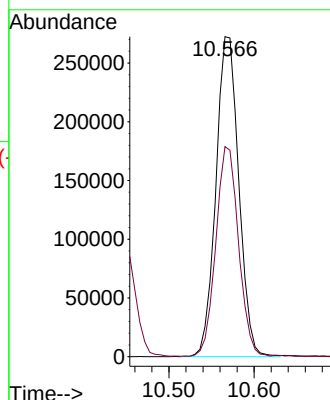
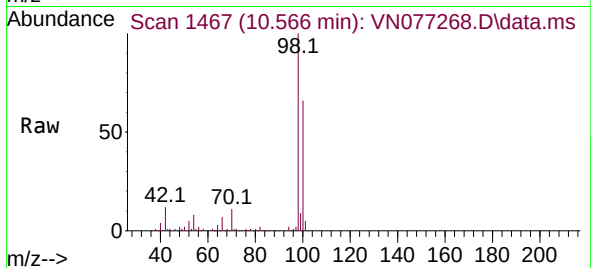
100 65.2 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#64

Chlorobenzene

Concen: 19.575 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VN077268.D

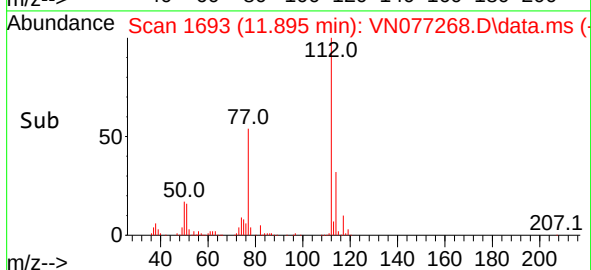
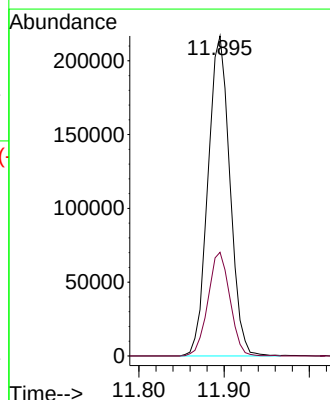
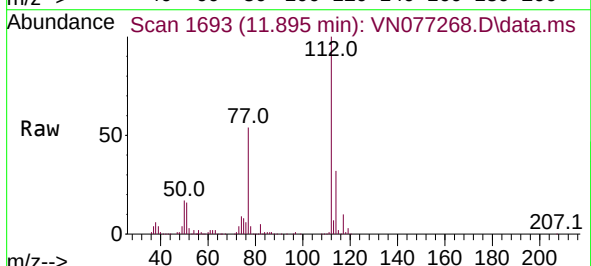
Acq: 07 Apr 2023 09:58

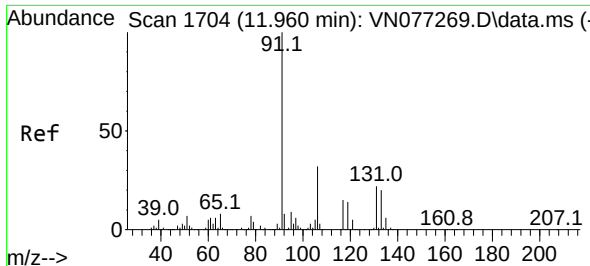
Tgt Ion:112 Resp: 387373

Ion Ratio Lower Upper

112 100

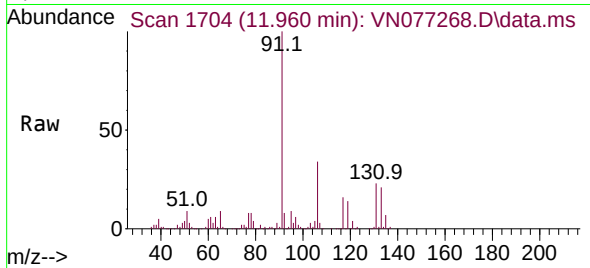
114 32.4 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 19.725 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

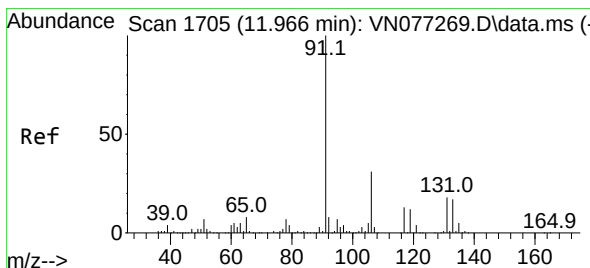
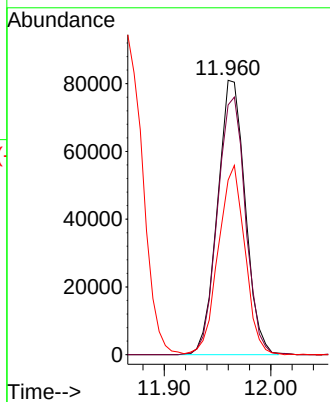
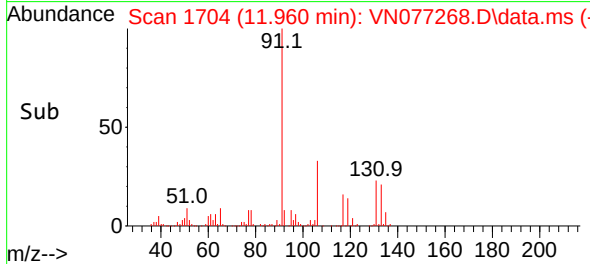
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 146610
Ion Ratio Lower Upper
131 100
133 94.4 0.0 197.6
119 66.2 0.0 127.8

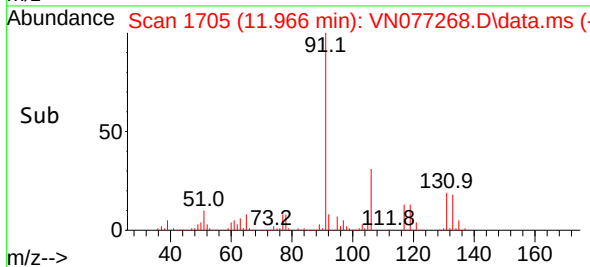
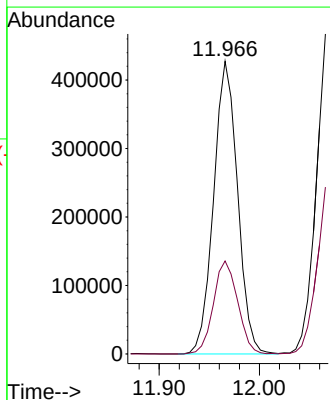
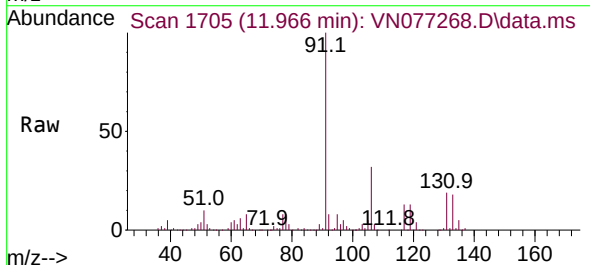
Manual Integrations
APPROVED

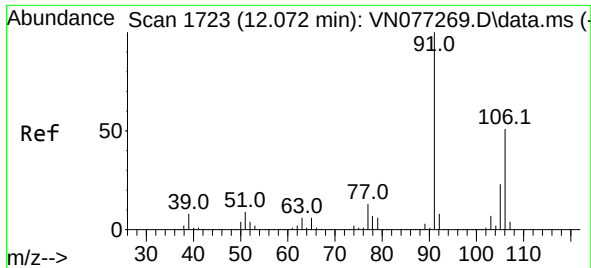
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#66
Ethyl Benzene
Concen: 19.375 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 91 Resp: 707173
Ion Ratio Lower Upper
91 100
106 31.8 23.8 35.8





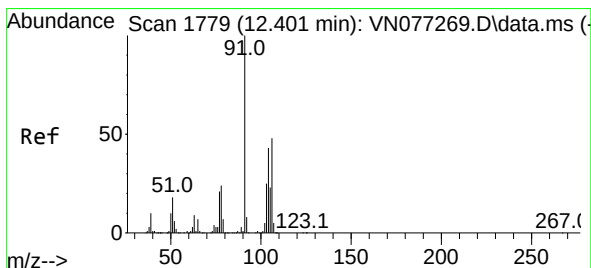
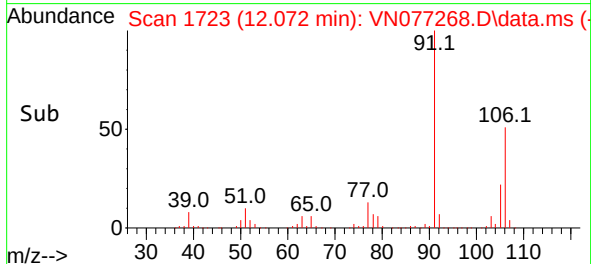
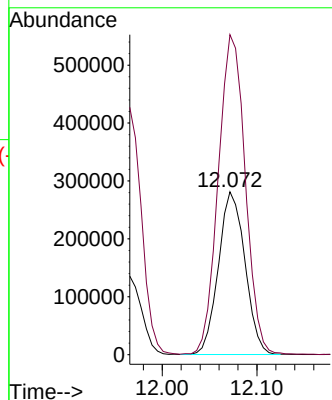
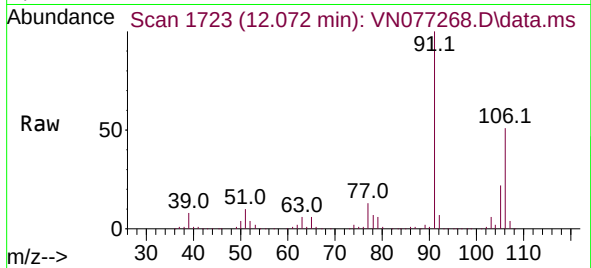
#67
m/p-Xylenes
Concen: 39.641 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 548079
Ion Ratio Lower Upper
106 100
91 200.3 157.4 236.2

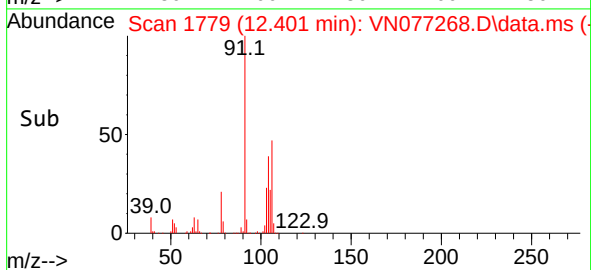
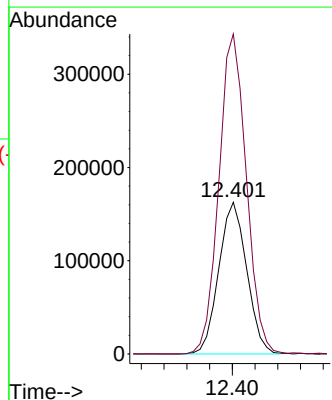
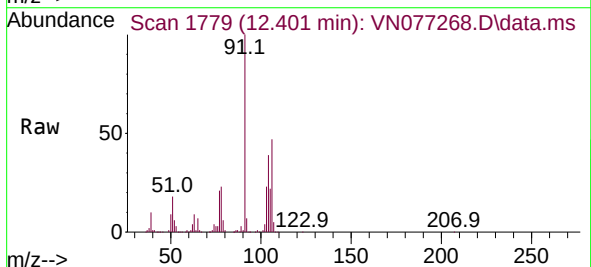
Manual Integrations
APPROVED

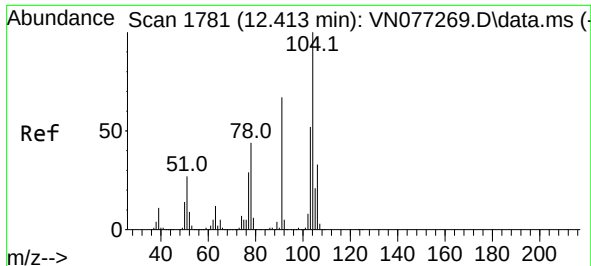
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#68
o-Xylene
Concen: 20.591 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

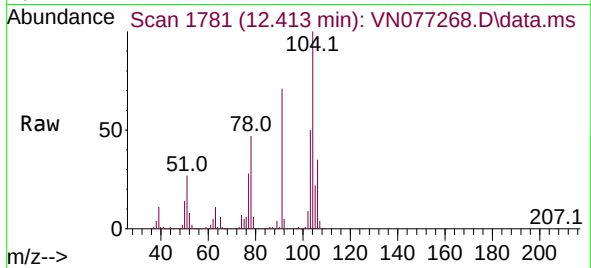
Tgt Ion:106 Resp: 277951
Ion Ratio Lower Upper
106 100
91 207.0 107.2 321.6





#69
Styrene
Concen: 20.127 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

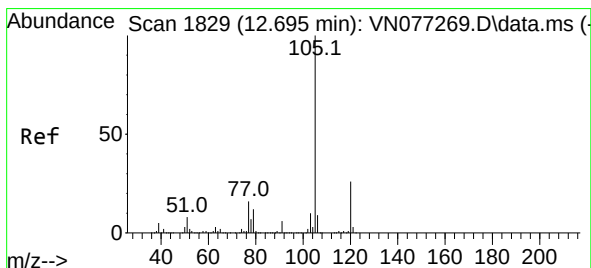
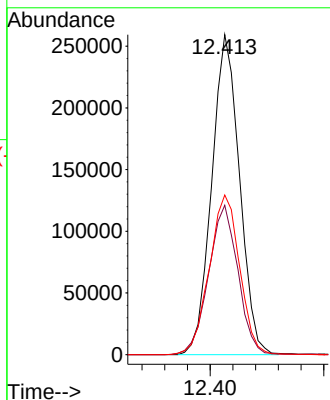
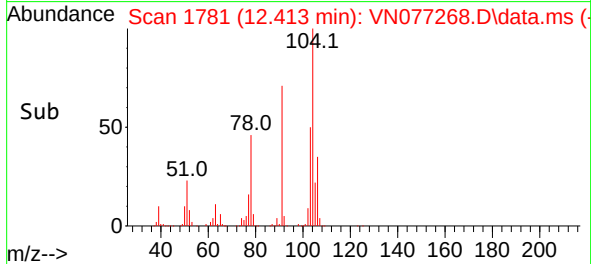
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:104 Resp: 44063
Ion Ratio Lower Upper
104 100
78 49.3 39.6 59.4
103 54.5 43.9 65.9

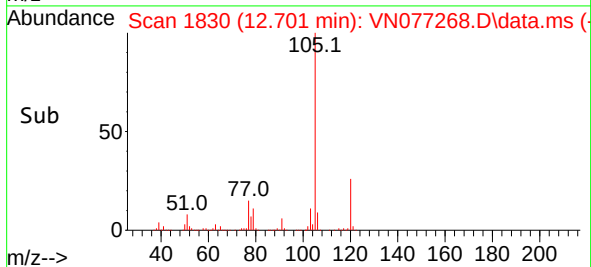
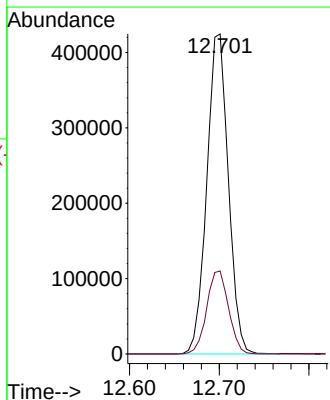
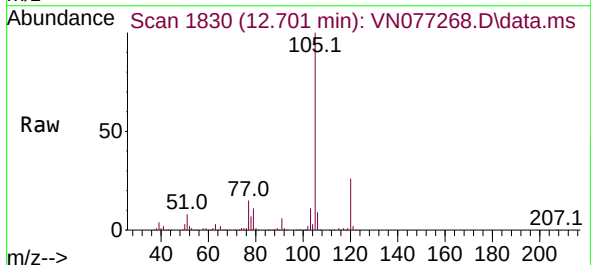
Manual Integrations
APPROVED

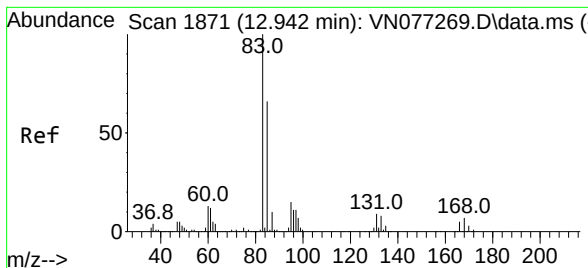
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#70
Isopropylbenzene
Concen: 20.144 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

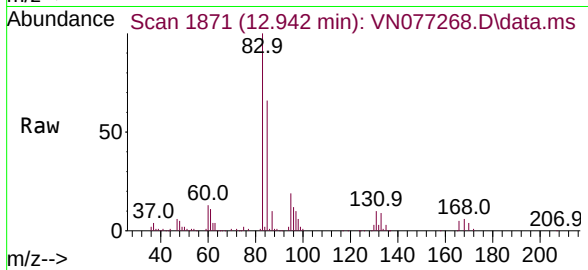
Tgt Ion:105 Resp: 707489
Ion Ratio Lower Upper
105 100
120 26.3 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.441 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

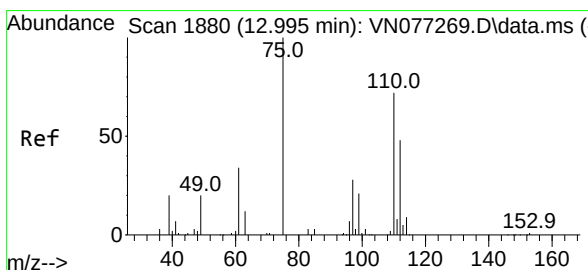
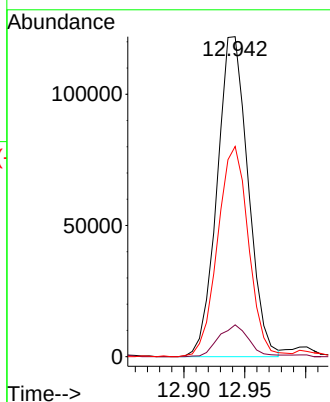
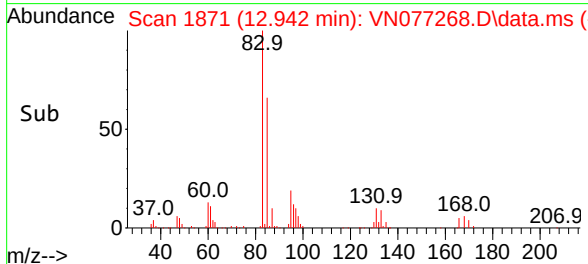
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



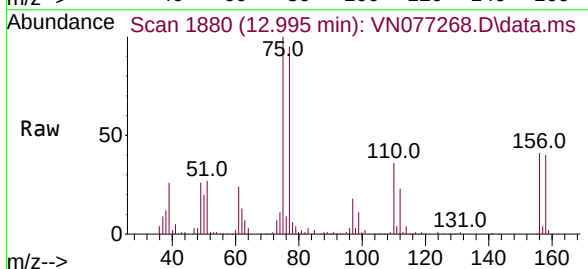
Tgt Ion: 83 Resp: 21646
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 65.6 32.3 96.9

Manual Integrations
APPROVED

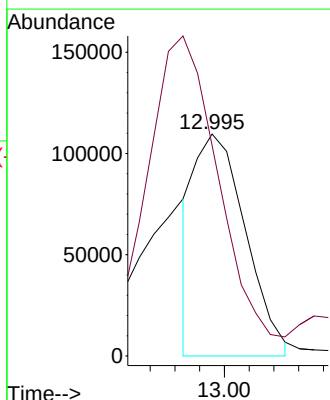
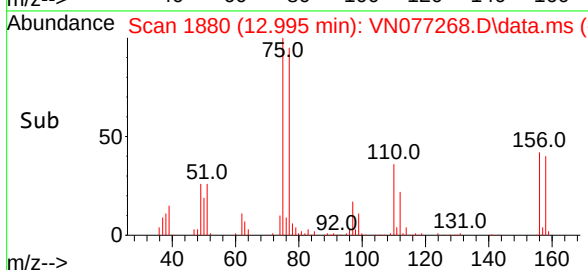
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

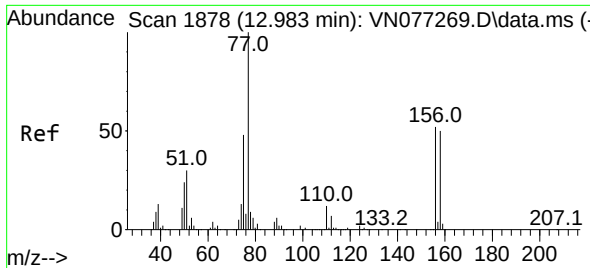


#72
1,2,3-Trichloropropane
Concen: 16.185 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



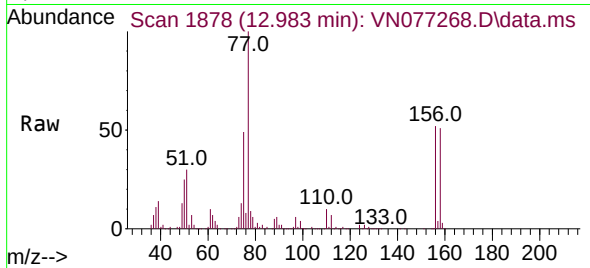
Tgt Ion: 75 Resp: 157230
Ion Ratio Lower Upper
75 100
77 206.8 0.0 332.6





#73
Bromobenzene
Concen: 18.184 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

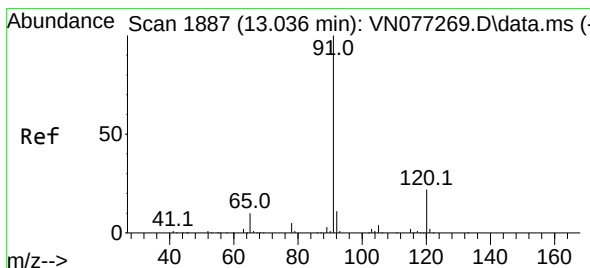
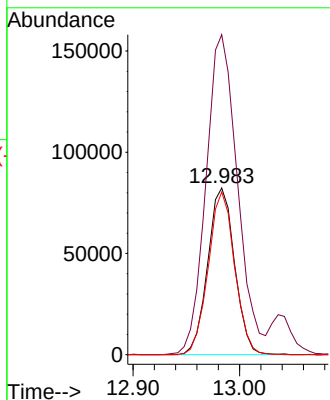
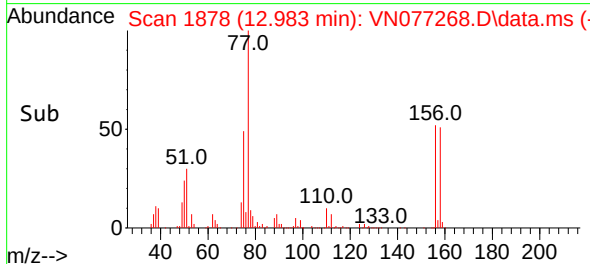
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:156 Resp: 14412
Ion Ratio Lower Upper
156 100
77 225.6 0.0 423.0
158 96.0 0.0 188.6

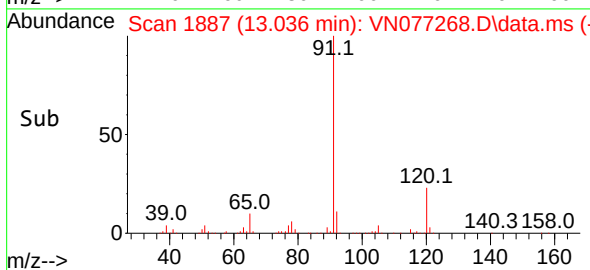
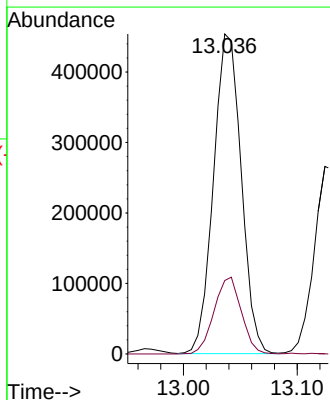
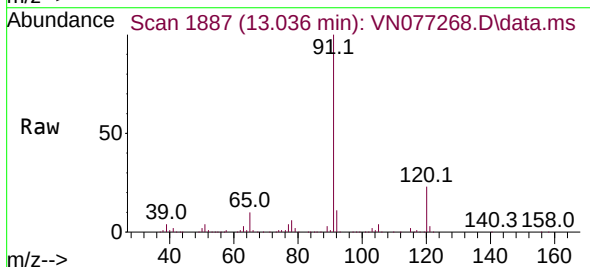
Manual Integrations
APPROVED

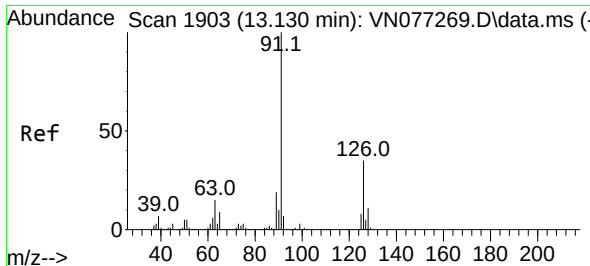
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#74
n-propylbenzene
Concen: 18.550 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Tgt Ion: 91 Resp: 768999
Ion Ratio Lower Upper
91 100
120 23.6 0.0 44.0





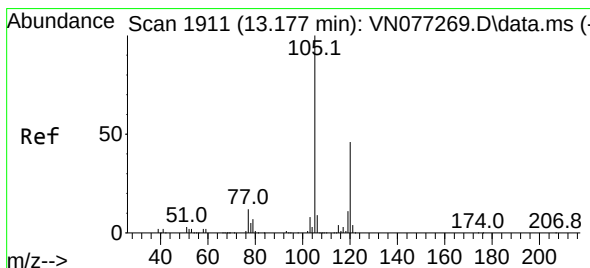
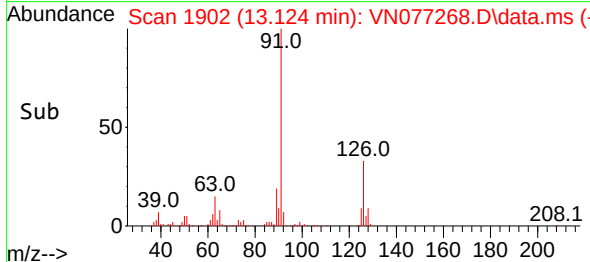
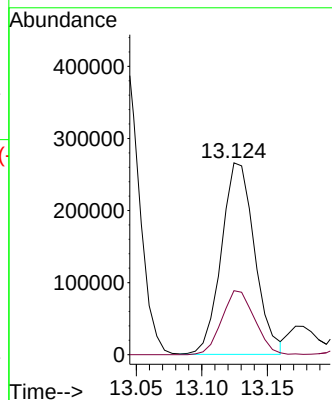
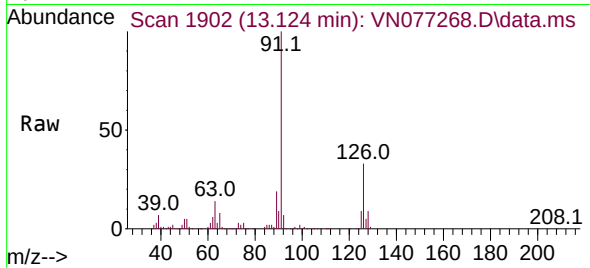
#75
2-Chlorotoluene
Concen: 18.292 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 468974
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.4

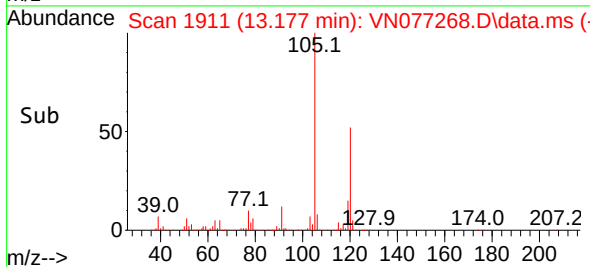
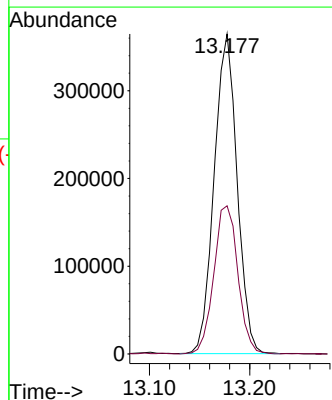
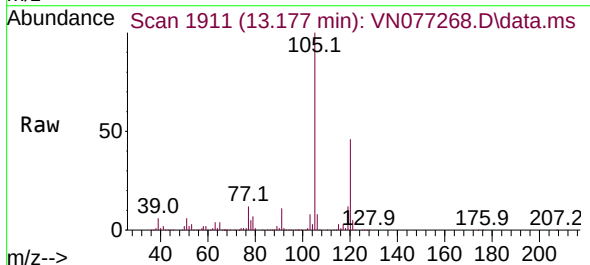
Manual Integrations
APPROVED

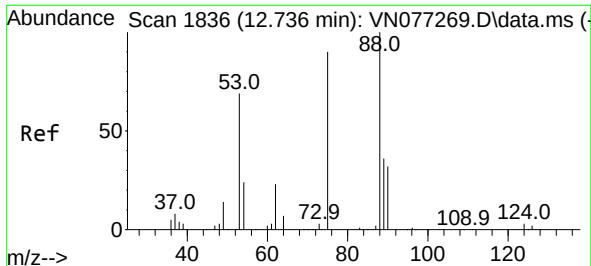
Reviewed By :John Carbone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.006 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

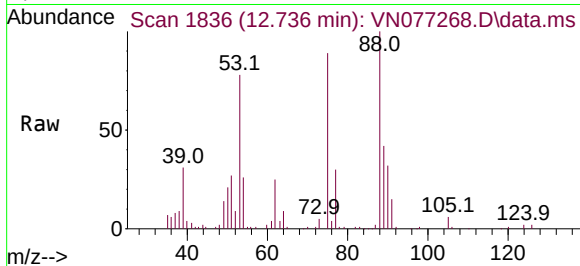
Tgt Ion:105 Resp: 577775
Ion Ratio Lower Upper
105 100
120 48.8 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 25.133 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

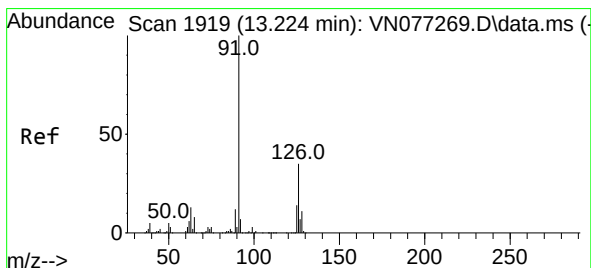
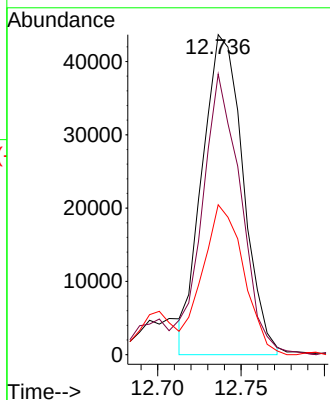
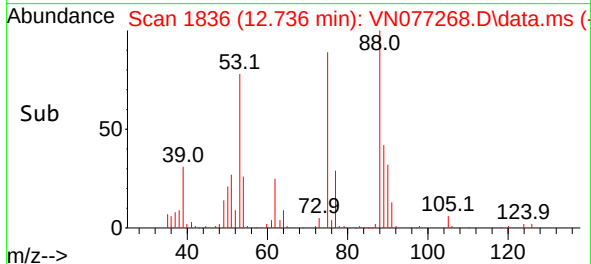
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



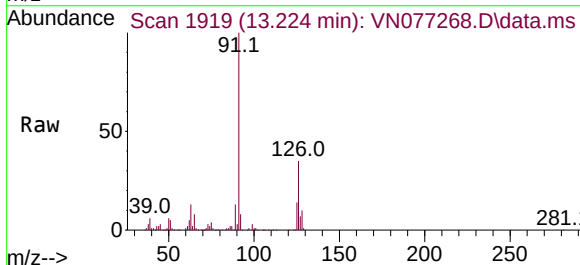
Tgt Ion: 75 Resp: 7453
Ion Ratio Lower Upper
75 100
53 87.7 50.4 151.3
89 46.8 22.1 66.5

Manual Integrations
APPROVED

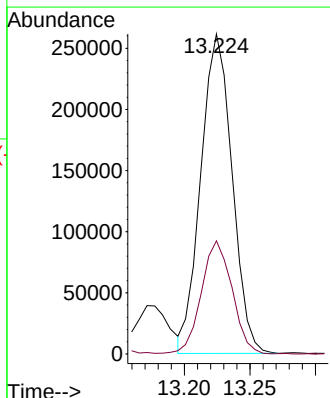
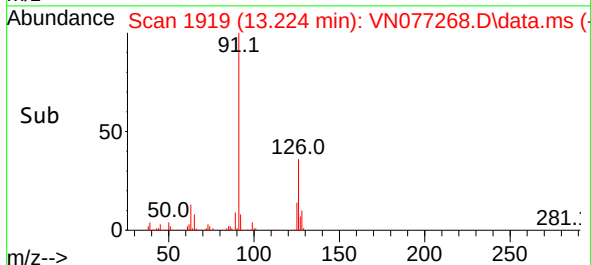
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

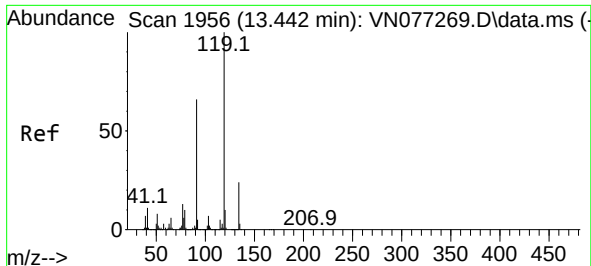


#78
4-Chlorotoluene
Concen: 17.550 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



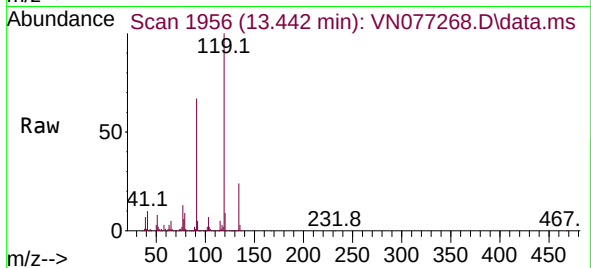
Tgt Ion: 91 Resp: 433733
Ion Ratio Lower Upper
91 100
126 34.8 0.0 70.6





#79
tert-butylbenzene
Concen: 20.006 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

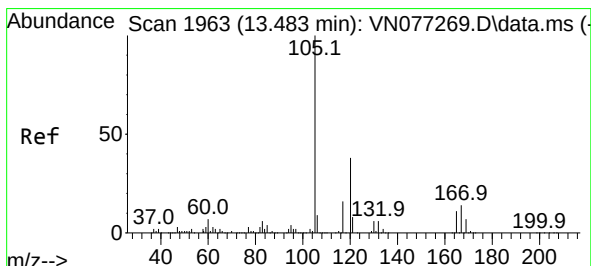
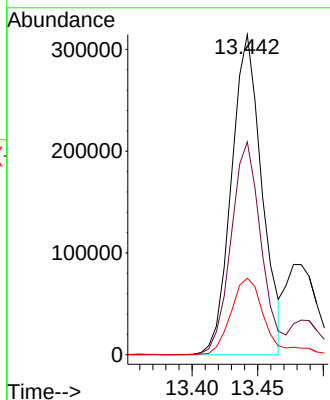
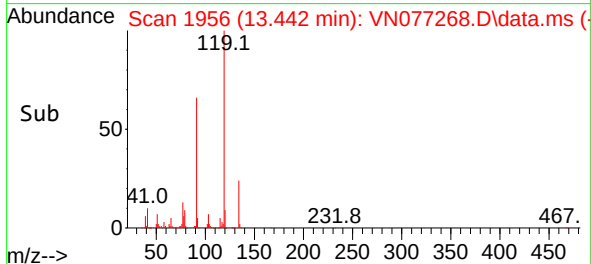
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 508584
Ion Ratio Lower Upper
119 100
91 66.4 0.0 129.6
134 25.1 0.0 47.8

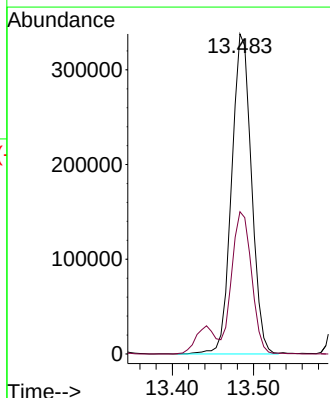
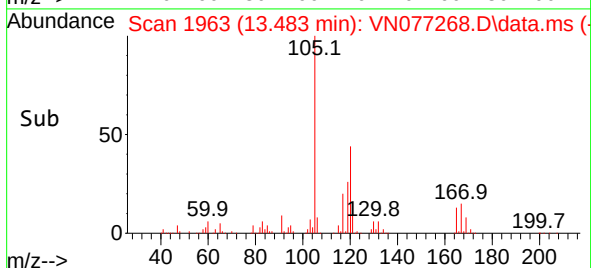
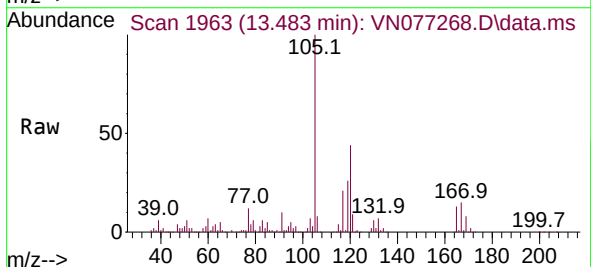
Manual Integrations
APPROVED

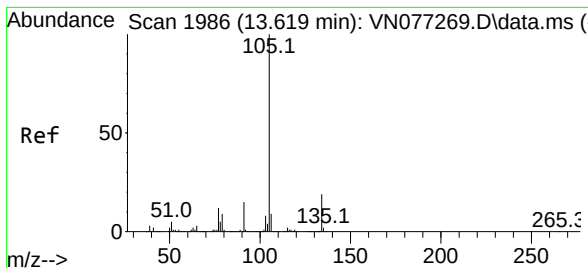
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.154 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

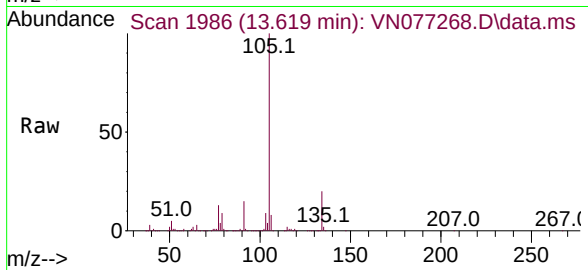
Tgt Ion:105 Resp: 572226
Ion Ratio Lower Upper
105 100
120 44.1 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.959 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58

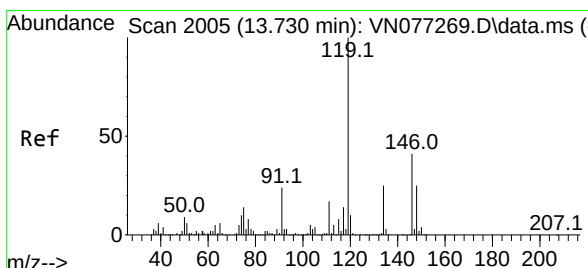
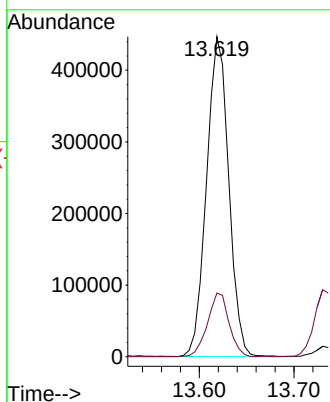
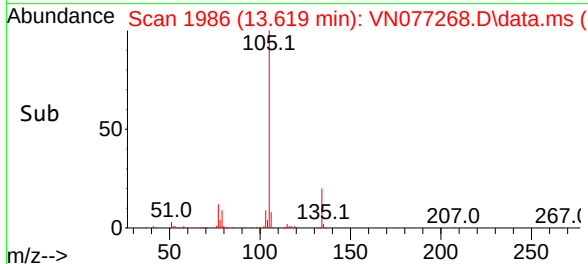
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



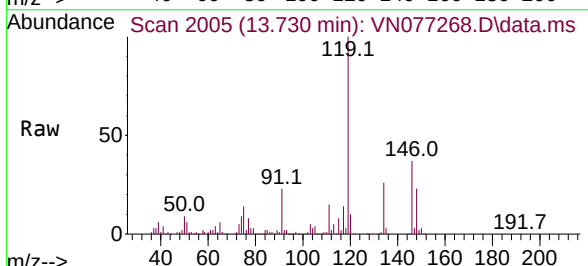
Tgt Ion:105 Resp: 725944
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.4

Manual Integrations
 APPROVED

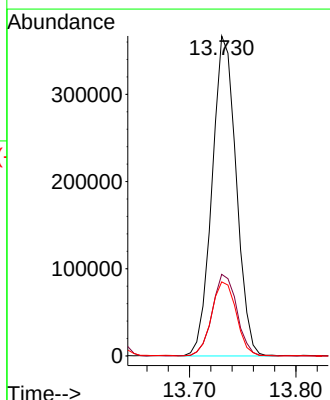
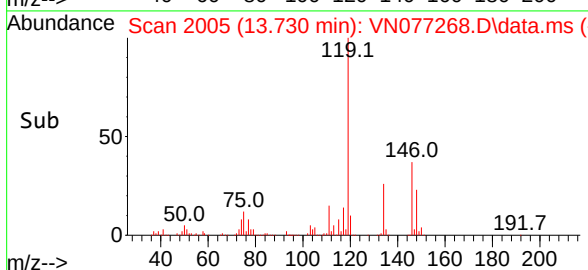
Reviewed By :John Carlone 04/10/2023
 Supervised By :Semsettin Yesilyurt 04/10/2023

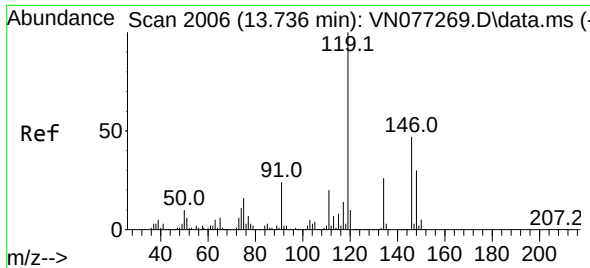


#82
 p-Isopropyltoluene
 Concen: 19.640 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077268.D
 Acq: 07 Apr 2023 09:58



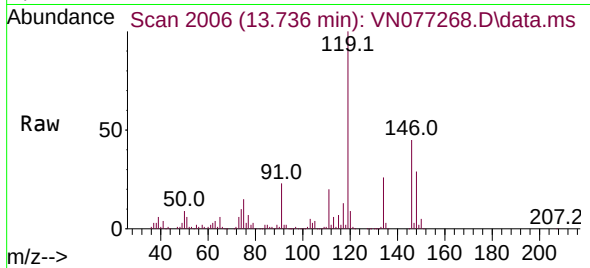
Tgt Ion:119 Resp: 577351
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 53.4
 91 23.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 17.967 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

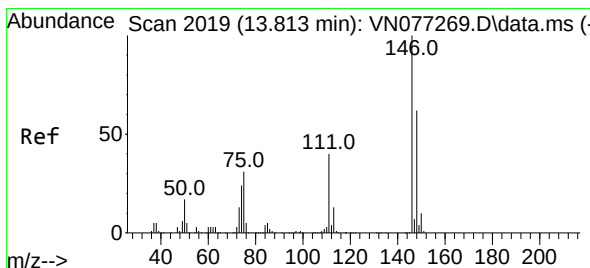
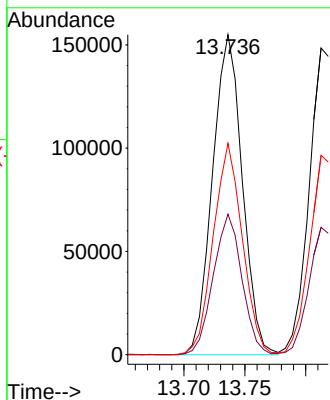
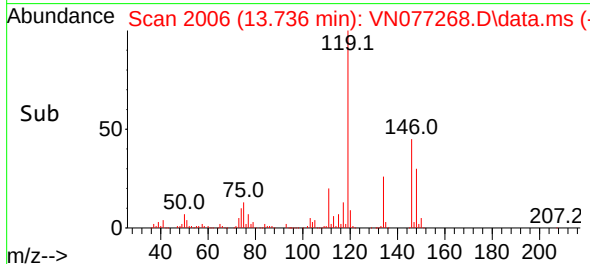
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 263479
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.8
148 64.6 31.9 95.5

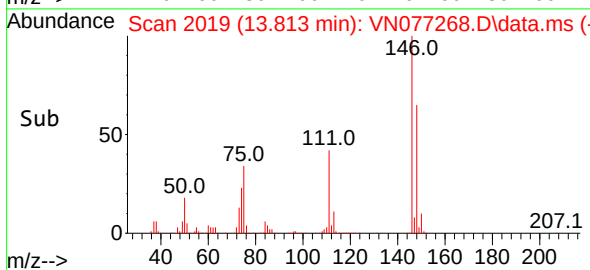
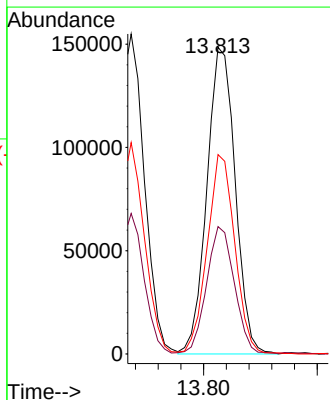
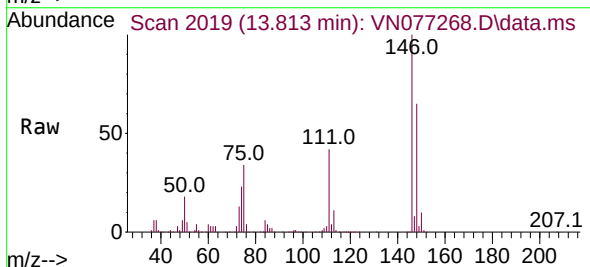
Manual Integrations
APPROVED

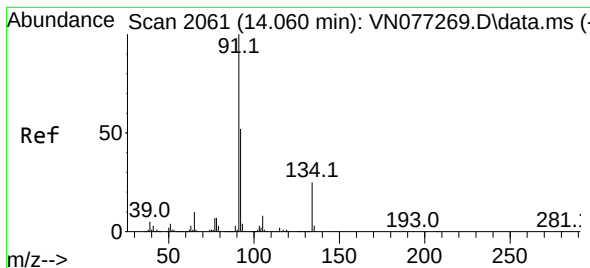
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#84
1,4-Dichlorobenzene
Concen: 18.064 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

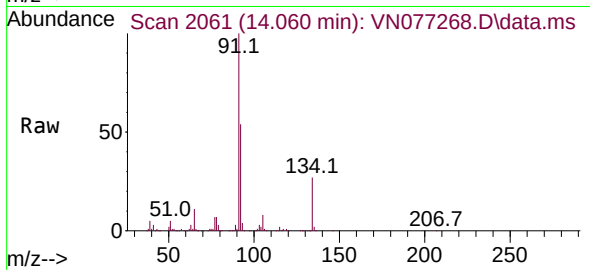
Tgt Ion:146 Resp: 257313
Ion Ratio Lower Upper
146 100
111 40.9 18.2 54.6
148 63.4 31.1 93.2





#85
n-Butylbenzene
Concen: 18.271 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

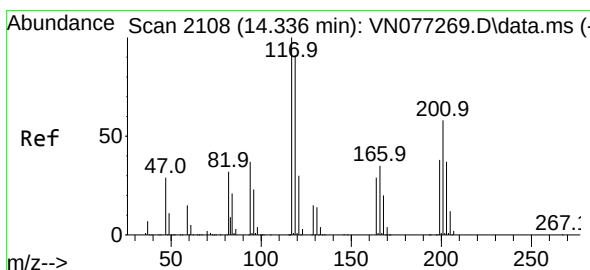
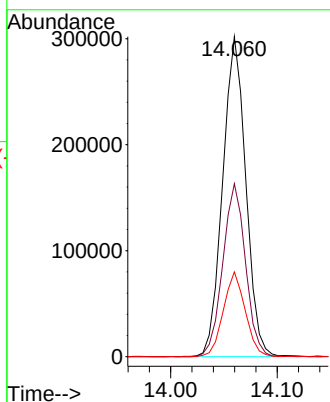
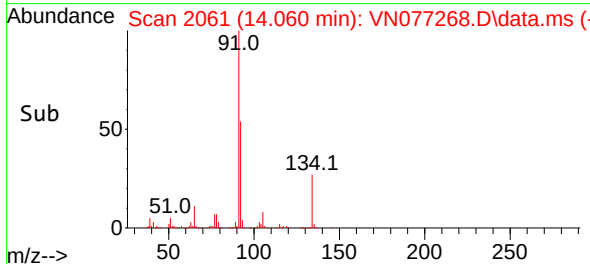
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



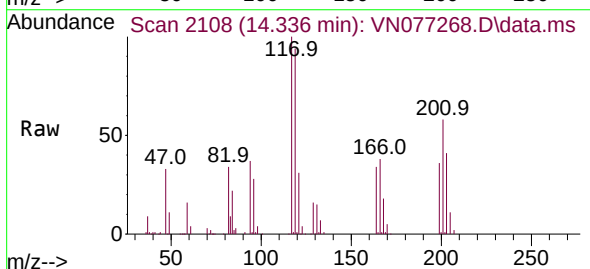
Tgt Ion: 91 Resp: 45526
Ion Ratio Lower Upper
91 100
92 53.1 0.0 103.2
134 25.1 0.0 50.0

Manual Integrations
APPROVED

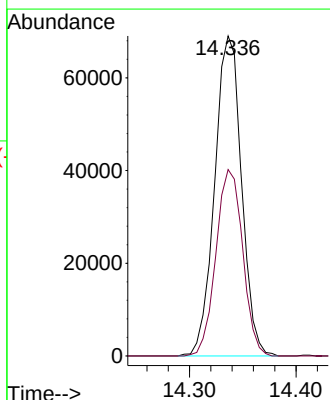
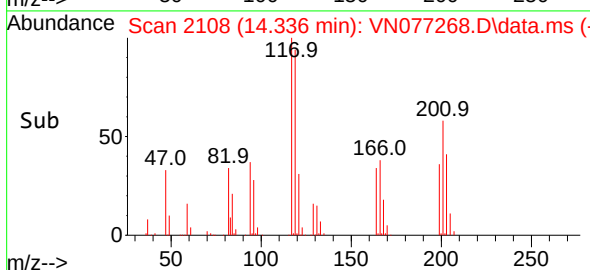
Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023

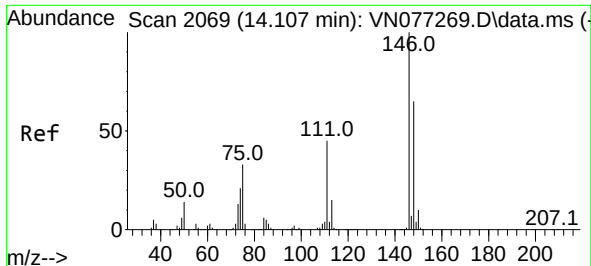


#86
Hexachloroethane
Concen: 22.997 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



Tgt Ion:117 Resp: 120703
Ion Ratio Lower Upper
117 100
201 58.0 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 18.375 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 26870

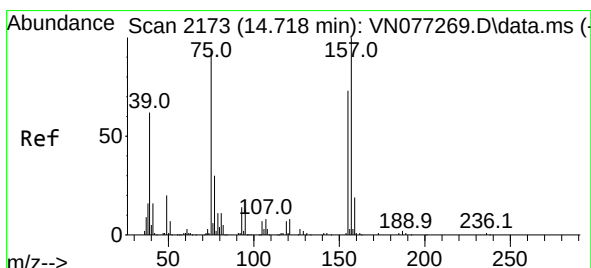
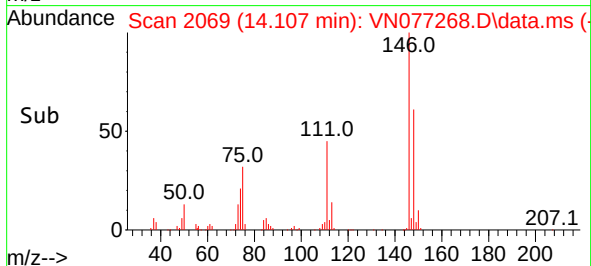
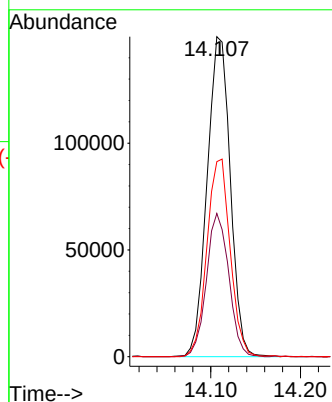
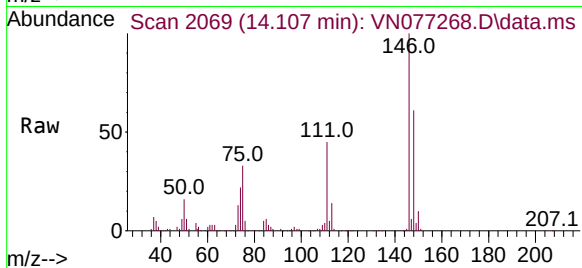
Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.5	61.6
148	61.8	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.267 ug/l

RT: 14.724 min Scan# 2174

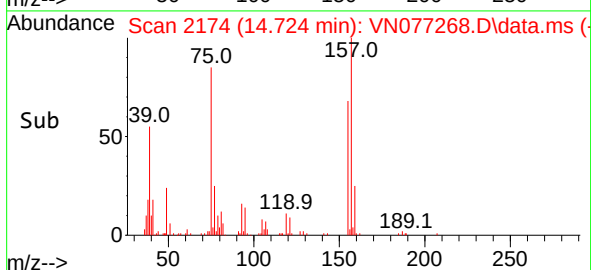
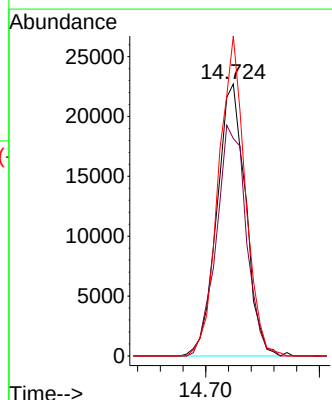
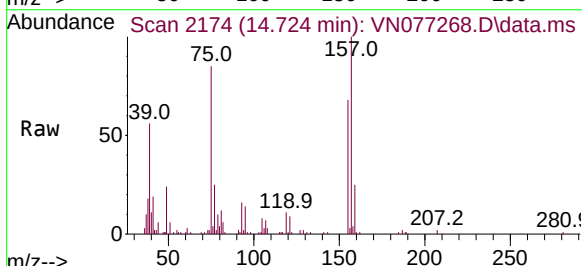
Delta R.T. 0.000 min

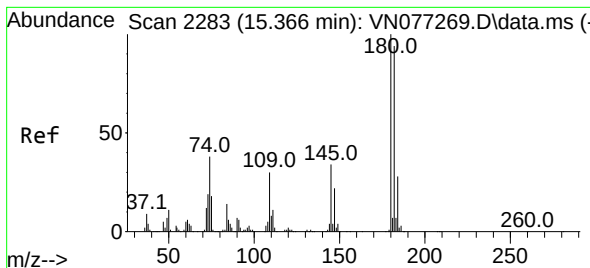
Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Tgt Ion: 75 Resp: 39740

Ion	Ratio	Lower	Upper
75	100		
155	88.2	62.5	93.7
157	109.2	77.5	116.3





#89

1,2,4-Trichlorobenzene

Concen: 11.846 ug/l

RT: 15.371 min Scan# 21

Delta R.T. -0.024 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:180 Resp: 9241

Ion Ratio Lower Upper

180 100

182 95.3 76.6 115.0

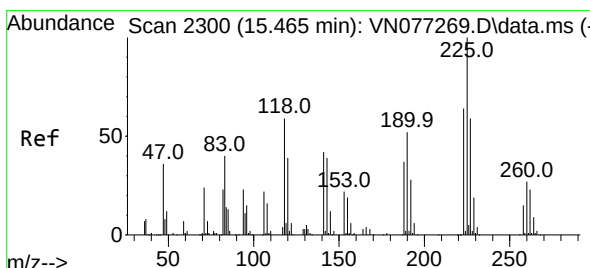
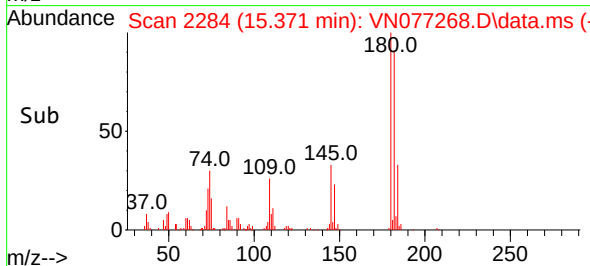
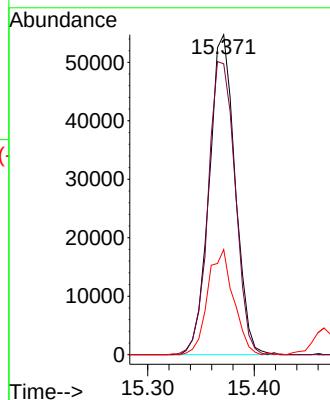
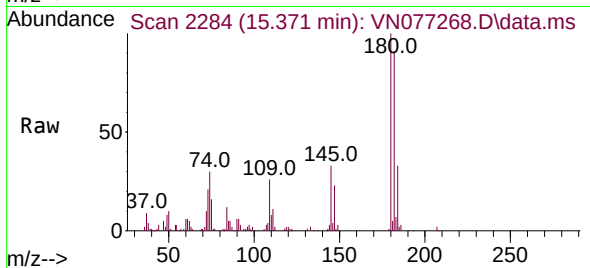
145 32.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2023

Supervised By :Semsettin Yesilyurt 04/10/2023



#90

Hexachlorobutadiene

Concen: 12.699 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. -0.036 min

Lab File: VN077268.D

Acq: 07 Apr 2023 09:58

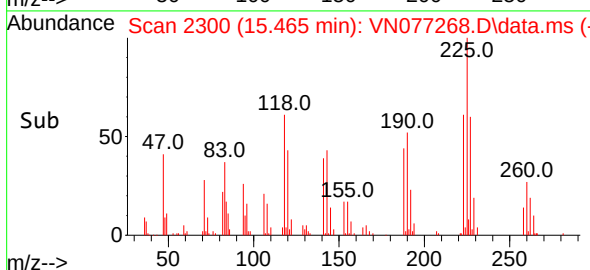
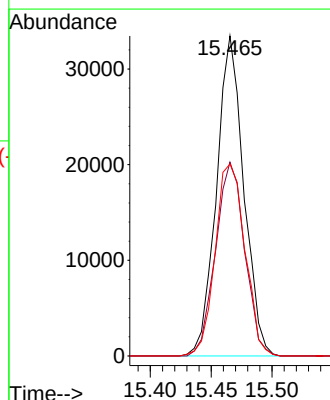
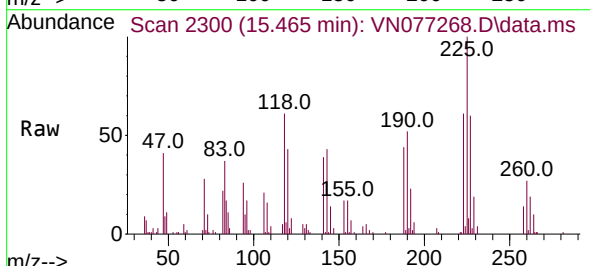
Tgt Ion:225 Resp: 52227

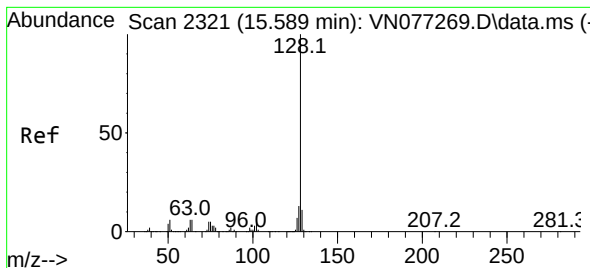
Ion Ratio Lower Upper

225 100

223 64.4 0.0 135.4

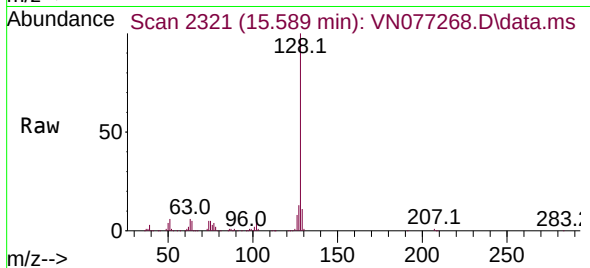
227 65.5 0.0 129.4





#91
Naphthalene
Concen: 14.718 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.053 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58

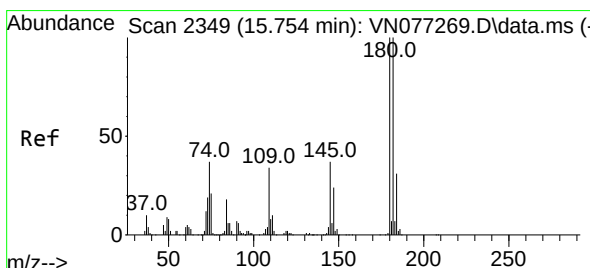
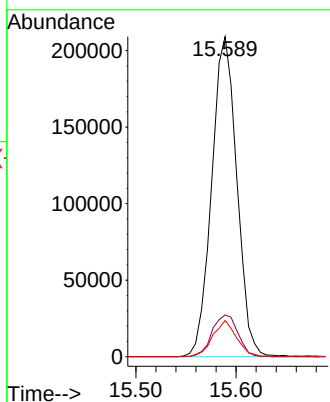
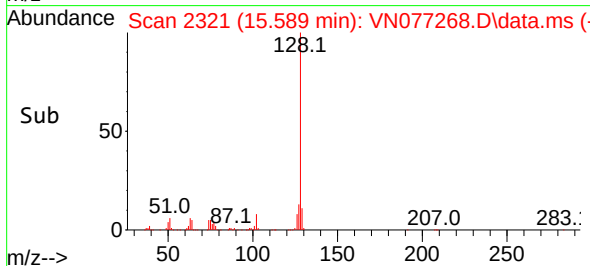
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



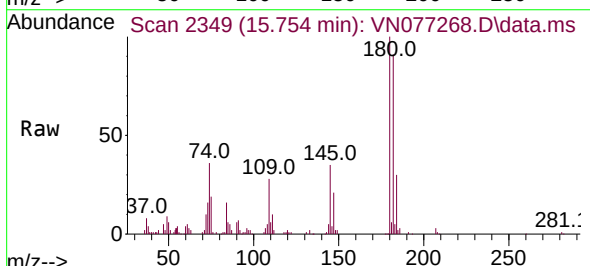
Tgt Ion:128 Resp: 36415
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.6
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2023
Supervised By :Semsettin Yesilyurt 04/10/2023



#92
1,2,3-Trichlorobenzene
Concen: 11.954 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.088 min
Lab File: VN077268.D
Acq: 07 Apr 2023 09:58



Tgt Ion:180 Resp: 93487
Ion Ratio Lower Upper
180 100
182 92.3 0.0 190.8
145 35.4 0.0 65.0

