

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077166.D
 Acq On : 23 Mar 2023 22:58
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

Quant Time: Mar 24 04:57:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 04:51:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	42169	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	286655	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	311798	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	132100	33.305	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.000%#			
60) 4-Bromofluorobenzene	12.854	95	168733	28.922	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.400%			
63) Toluene-d8	10.572	98	349882	31.699	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	52894	10.709	ug/l	85
3) Chloromethane	2.378	50	104635	20.513	ug/l	99
4) Vinyl Chloride	2.525	62	116761	24.048	ug/l #	88
5) Bromomethane	2.966	94	83705	26.040	ug/l	90
6) Chloroethane	3.131	64	101076	31.714	ug/l	97
7) Trichlorofluoromethane	3.507	101	173018	20.039	ug/l	98
8) Diethyl Ether	3.972	74	57967	18.269	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	89966	18.730	ug/l	81
10) 1,1-Dichloroethene	4.354	96	85084	18.330	ug/l	96
11) Methyl Iodide	4.601	142	81673	15.158	ug/l	100
12) Methyl Acetate	5.043	43	183621	22.753	ug/l	92
13) Acrolein	4.196	56	125737	106.892	ug/l	97
14) Acrylonitrile	5.731	53	278125	106.319	ug/l	99
15) Acetone	4.443	58	72698	103.259	ug/l	85
16) Carbon Disulfide	4.725	76	231274	18.004	ug/l	96
17) Allyl chloride	5.037	41	141159	19.795	ug/l	95
18) Methylene Chloride	5.290	84	105454	19.143	ug/l	93
19) trans-1,2-Dichloroethene	5.801	96	88279	18.050	ug/l	96
20) Diisopropyl ether	6.678	45	339981	21.017	ug/l	90
21) 1,1-Dichloroethane	6.584	63	186886	19.620	ug/l	98
22) cis-1,2-Dichloroethene	7.495	96	107306	19.038	ug/l	98
23) tert-Butyl Alcohol	5.537	59	91051	116.785	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	293309	19.194	ug/l	100
25) Chloroform	7.972	83	188099	19.274	ug/l	99
26) Cyclohexane	8.266	56	158847	18.613	ug/l #	99
29) 1,1-Dichloropropene	8.384	75	133355	19.240	ug/l	97
30) 2-Butanone	7.495	43	394401	118.073	ug/l #	96
31) 2,2-Dichloropropane	7.507	77	122992	18.198	ug/l #	63
32) 1,1,1-Trichloroethane	8.184	97	161003	19.825	ug/l	99
33) Carbon Tetrachloride	8.372	117	136345	19.100	ug/l	91
34) Benzene	8.613	78	411894	19.363	ug/l	96
35) Methacrylonitrile	7.790	41	85694	22.910	ug/l	96
36) 1,2-Dichloroethane	8.672	62	154734	21.205	ug/l	98
37) Trichloroethene	9.354	130	92386	17.959	ug/l	93
38) Methylcyclohexane	9.607	83	151931	17.949	ug/l	97
39) 1,2-Dichloropropane	9.625	63	111611	20.302	ug/l	93
40) Dibromomethane	9.713	93	71098	20.260	ug/l	97
41) Bromodichloromethane	9.895	83	143244	19.976	ug/l	100
42) Vinyl Acetate	6.619	43	1132626	110.859	ug/l	99

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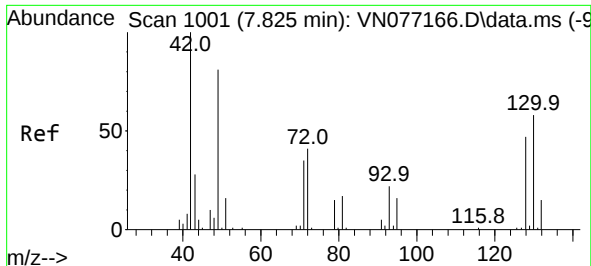
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 Supervised By :Semsettin Yesilyurt 03/27/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.566	43	156132	23.307	ug/l	#	84
44) Isopropyl Acetate	8.695	43	250984	23.169	ug/l		99
45) 1,4-Dioxane	9.695	88	43520	474.732	ug/l	#	93
46) Methyl methacrylate	9.683	41	119710	22.830	ug/l		96
47) n-amyl Acetate	12.501	43	193844	22.117	ug/l		96
48) t-1,3-Dichloropropene	10.842	75	137224	19.181	ug/l		99
49) cis-1,3-Dichloropropene	10.319	75	153697	19.019	ug/l		95
50) 1,1,2-Trichloroethane	11.019	97	100160	19.538	ug/l		99
51) Ethyl methacrylate	10.878	69	144567	19.281	ug/l		94
52) 1,3-Dichloropropane	11.172	76	172928	19.594	ug/l		99
53) Dibromochloromethane	11.366	129	99439	19.150	ug/l		97
54) 1,2-Dibromoethane	11.472	107	96049	19.476	ug/l		98
55) 2-Chloroethyl vinyl ether	10.166	63	308095	112.695	ug/l		99
56) Bromoform	12.583	173	65251	18.852	ug/l		97
58) 4-Methyl-2-Pentanone	10.448	43	804963	118.801	ug/l		98
59) 2-Hexanone	11.201	43	585248	120.976	ug/l		99
61) Tetrachloroethene	11.107	164	75708	15.757	ug/l		97
62) Toluene	10.636	91	429432	19.563	ug/l		100
64) Chlorobenzene	11.895	112	249127	19.331	ug/l		97
65) 1,1,1,2-Tetrachloroethane	11.966	131	93659	19.297	ug/l		97
66) Ethyl Benzene	11.966	91	453712	19.150	ug/l		96
67) m/p-Xylenes	12.072	106	349479	38.960	ug/l		95
68) o-Xylene	12.401	106	169158	19.303	ug/l		97
69) Styrene	12.413	104	269544	19.070	ug/l		98
70) Isopropylbenzene	12.701	105	438998	19.284	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.942	83	151087	21.350	ug/l		100
72) 1,2,3-Trichloropropane	12.995	75	137832m	21.177	ug/l		
73) Bromobenzene	12.983	156	98787	19.143	ug/l		94
74) n-propylbenzene	13.042	91	500553	18.748	ug/l		99
75) 2-Chlorotoluene	13.130	91	307704	18.624	ug/l		98
76) 1,3,5-Trimethylbenzene	13.177	105	373149	19.004	ug/l		94
77) t-1,4-Dichloro-2-butene	12.736	75	38659	19.909	ug/l		97
78) 4-Chlorotoluene	13.224	91	292091	18.373	ug/l		96
79) tert-butylbenzene	13.442	119	310059	18.853	ug/l		96
80) 1,2,4-Trimethylbenzene	13.489	105	362075	18.842	ug/l		97
81) sec-Butylbenzene	13.619	105	437915	18.721	ug/l		100
82) p-Isopropyltoluene	13.736	119	349373	18.556	ug/l		98
83) 1,3-Dichlorobenzene	13.736	146	182266	19.148	ug/l		98
84) 1,4-Dichlorobenzene	13.813	146	172056	18.694	ug/l		97
85) n-Butylbenzene	14.060	91	277460	17.488	ug/l		99
86) Hexachloroethane	14.336	117	66209	19.318	ug/l		94
87) 1,2-Dichlorobenzene	14.107	146	180304	19.048	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	27358	20.036	ug/l		98
89) 1,2,4-Trichlorobenzene	15.401	180	71433	14.791	ug/l		99
90) Hexachlorobutadiene	15.507	225	43997	16.900	ug/l		95
91) Naphthalene	15.648	128	234092	15.264	ug/l		100
92) 1,2,3-Trichlorobenzene	15.848	180	74383	15.357	ug/l		98

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



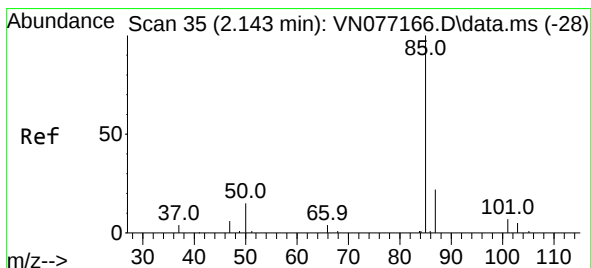
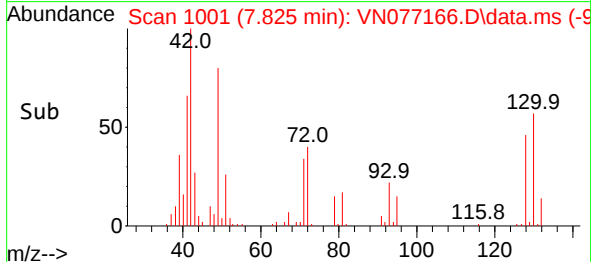
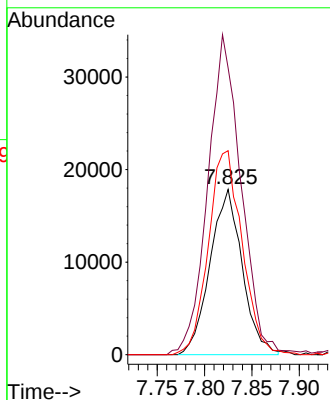
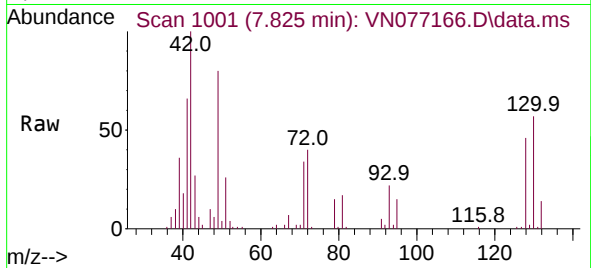
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 42169
Ion Ratio Lower Upper
128 100
49 199.1 0.0 461.8
130 129.8 0.0 295.3

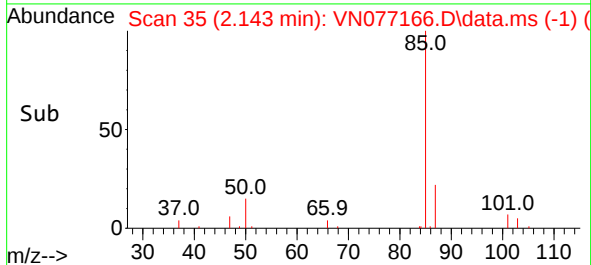
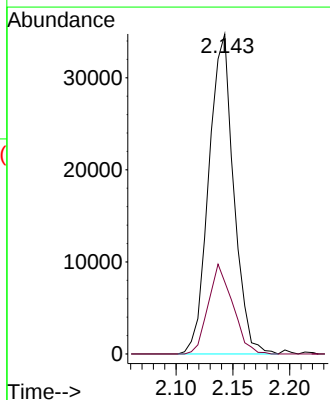
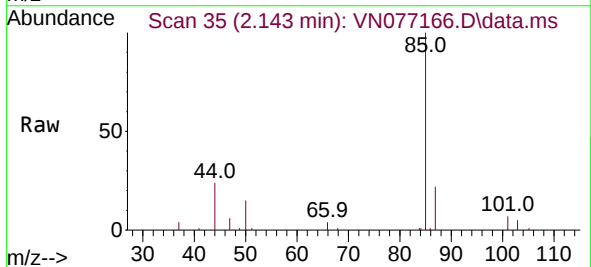
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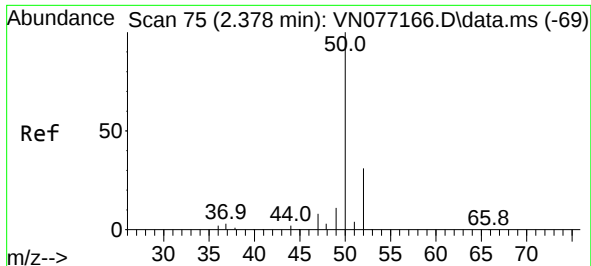
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#2
Dichlorodifluoromethane
Concen: 10.709 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 85 Resp: 52894
Ion Ratio Lower Upper
85 100
87 22.5 15.4 46.1





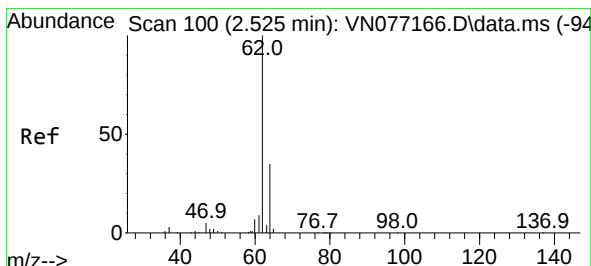
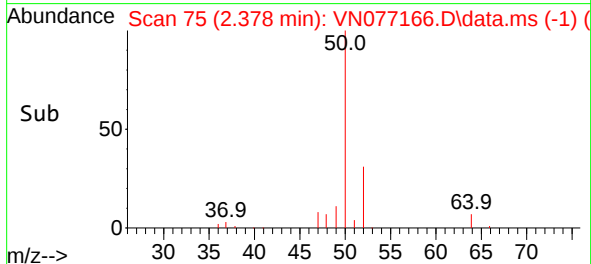
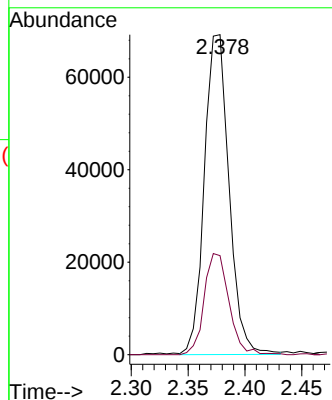
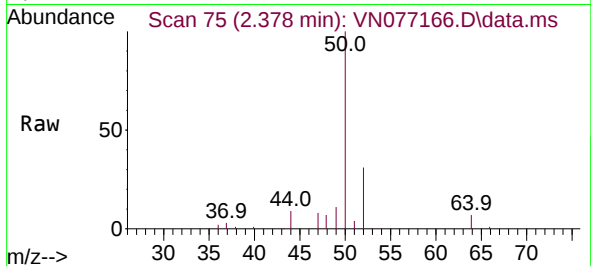
#3
Chloromethane
Concen: 20.513 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 10463
Ion Ratio Lower Upper
50 100
52 31.0 25.3 37.9

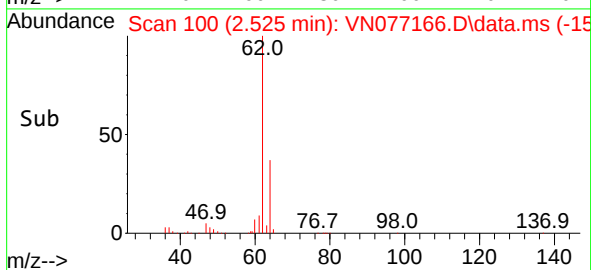
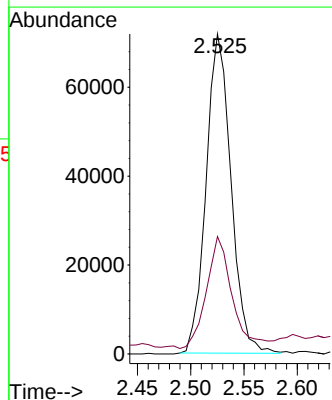
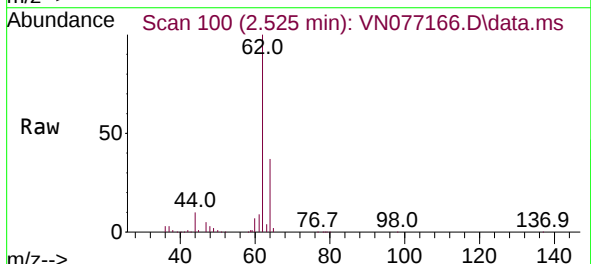
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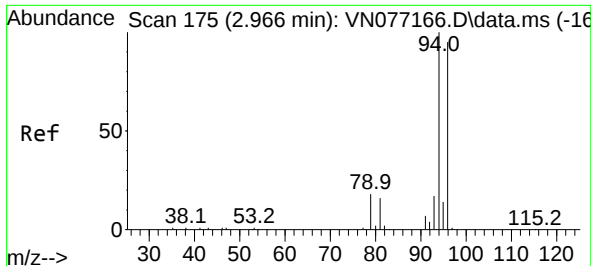
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 24.048 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

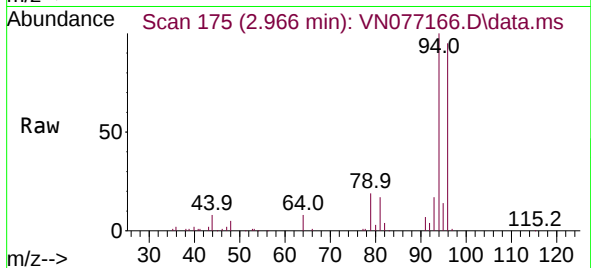
Tgt Ion: 62 Resp: 116761
Ion Ratio Lower Upper
62 100
64 35.1 23.1 34.7#





#5
Bromomethane
Concen: 26.040 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

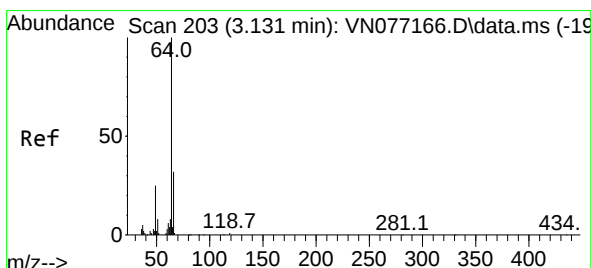
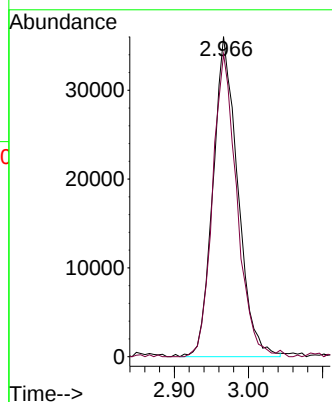
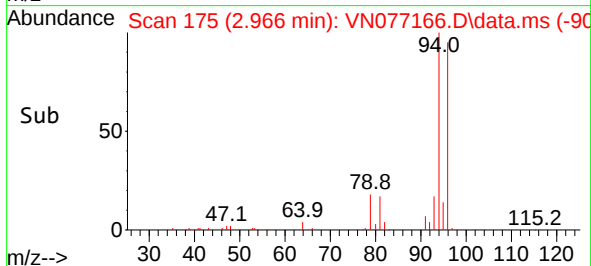
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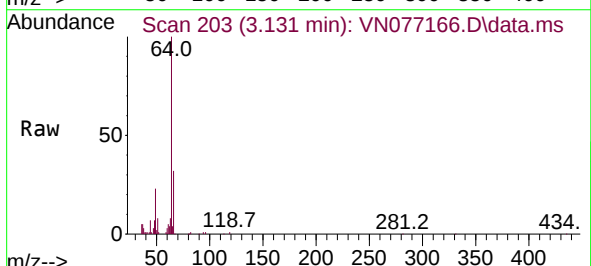
Tgt Ion: 94 Resp: 8370
Ion Ratio Lower Upper
94 100
96 94.6 68.6 103.0

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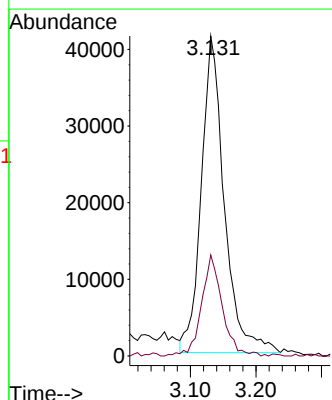
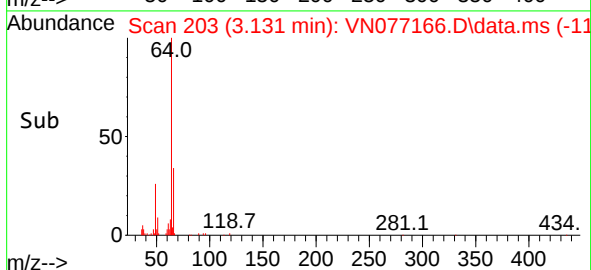
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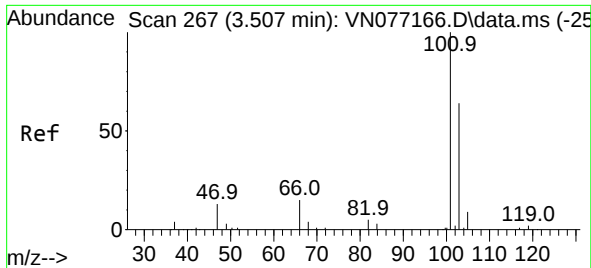


#6
Chloroethane
Concen: 31.714 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



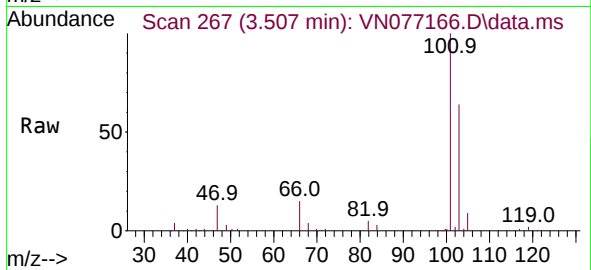
Tgt Ion: 64 Resp: 101076
Ion Ratio Lower Upper
64 100
66 31.5 23.8 35.6





#7
Trichlorofluoromethane
Concen: 20.039 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077166.D
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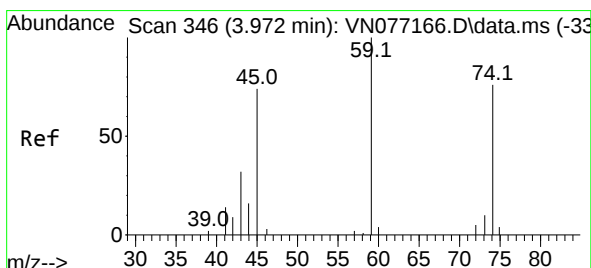
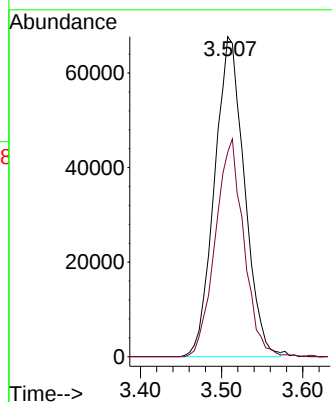
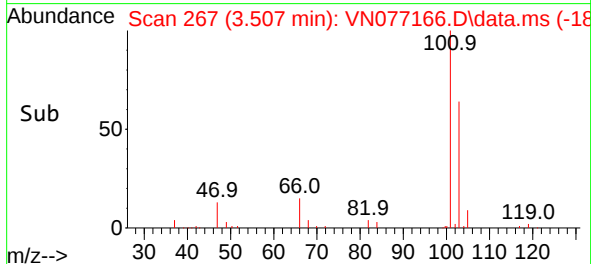
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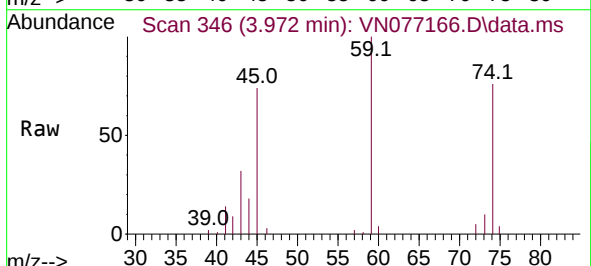
Tgt Ion:101 Resp: 173018
Ion Ratio Lower Upper
101 100
103 63.9 50.2 75.2

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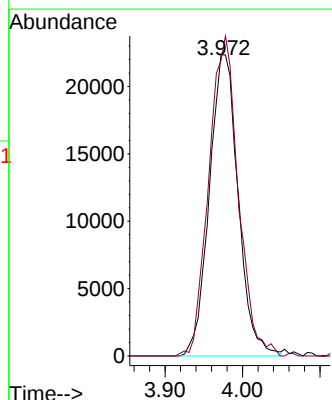
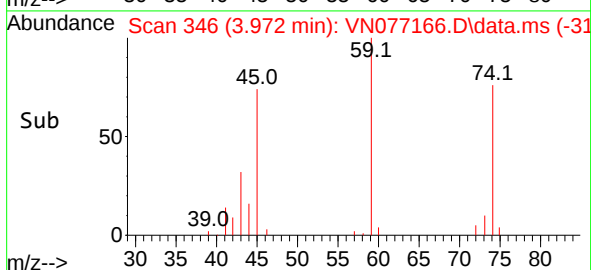
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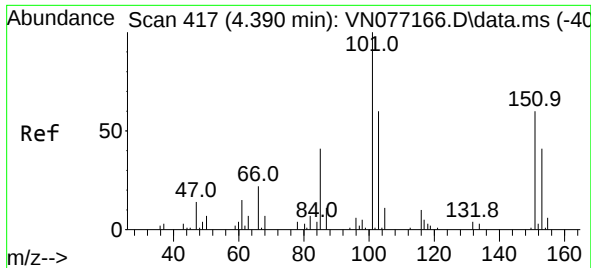


#8
Diethyl Ether
Concen: 18.269 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion: 74 Resp: 57967
Ion Ratio Lower Upper
74 100
45 107.9 21.4 193.0





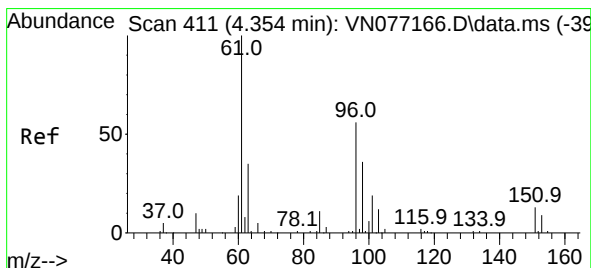
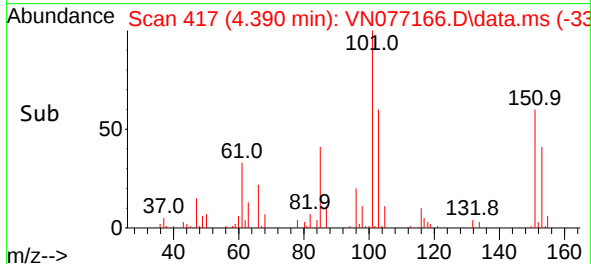
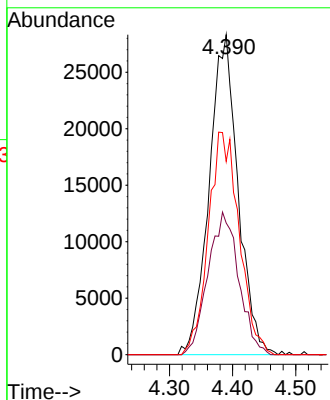
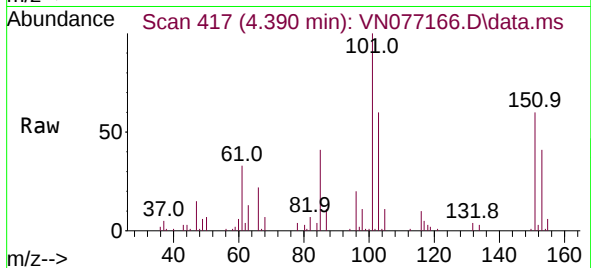
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1,1,2-Trichlorotrifluoroethane
Concen: 18.730 ug/l
RT: 4.390 min Scan# 417
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 89960
Ion Ratio Lower Upper
101 100
85 47.5 0.0 95.2
151 44.5 0.0 142.2

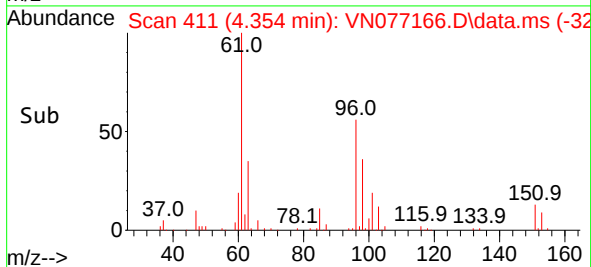
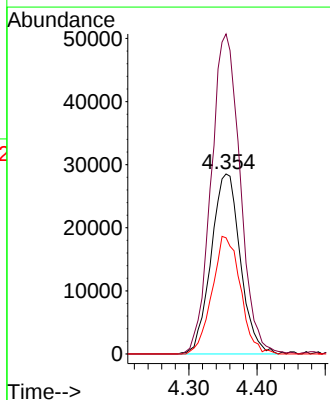
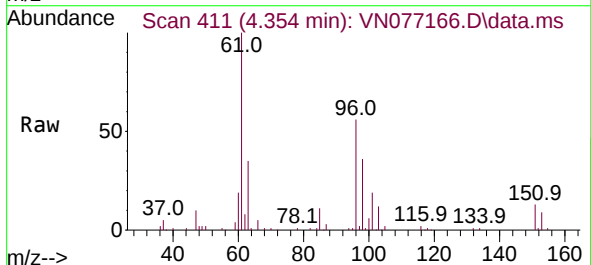
Manual Integrations
APPROVED

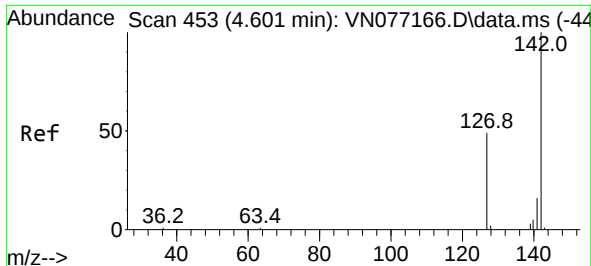
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 18.330 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

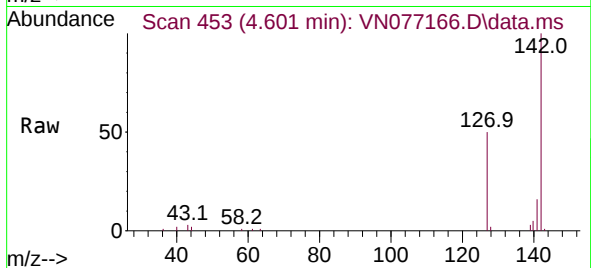
Tgt Ion: 96 Resp: 85084
Ion Ratio Lower Upper
96 100
61 177.7 137.1 205.7
98 64.5 53.2 79.8





#11
Methyl Iodide
Concen: 15.158 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

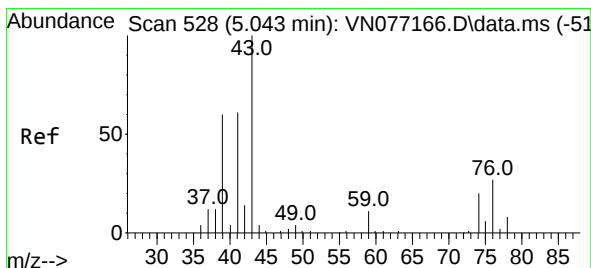
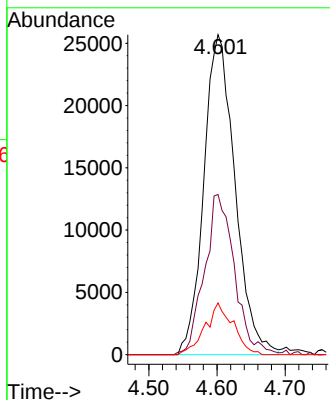
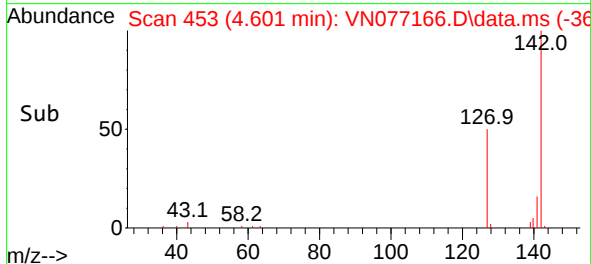
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 8167
Ion Ratio Lower Upper
142 100
127 49.8 25.0 75.0
141 16.3 8.0 24.0

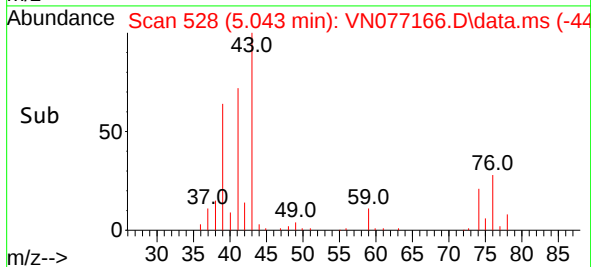
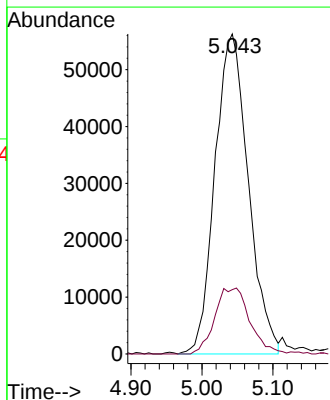
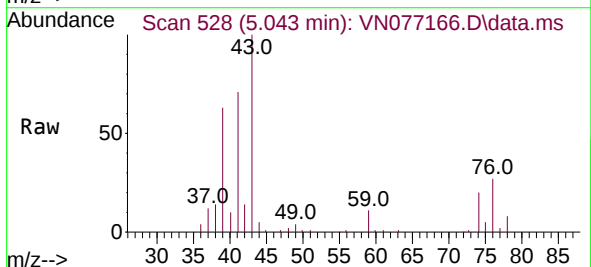
Manual Integrations
APPROVED

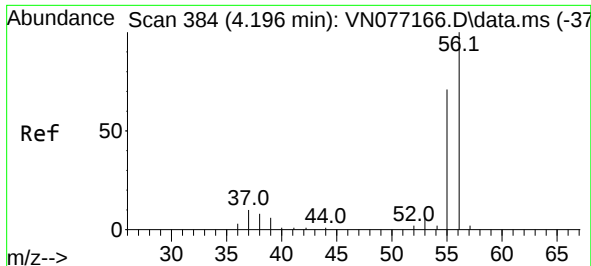
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
Methyl Acetate
Concen: 22.753 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

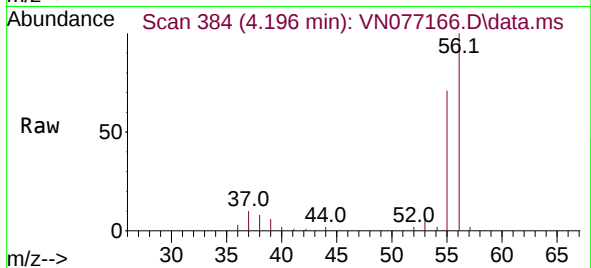
Tgt Ion: 43 Resp: 183621
Ion Ratio Lower Upper
43 100
74 19.9 19.0 28.4





#13
Acrolein
Concen: 106.892 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

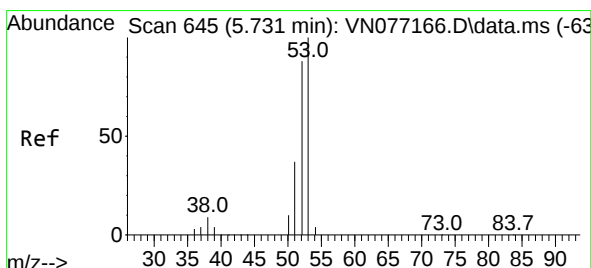
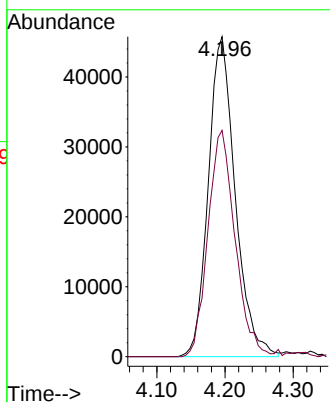
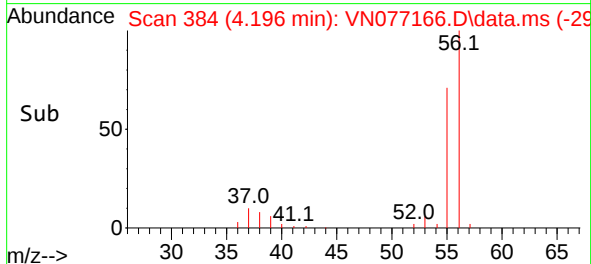
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



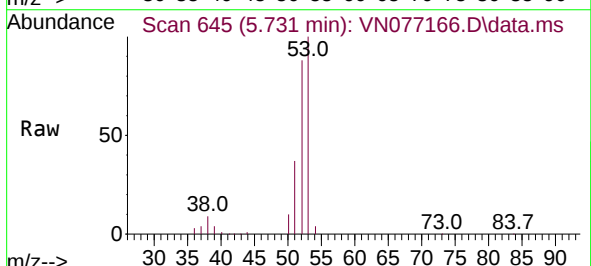
Tgt Ion: 56 Resp: 12573
Ion Ratio Lower Upper
56 100
55 71.1 55.0 82.4

Manual Integrations
APPROVED

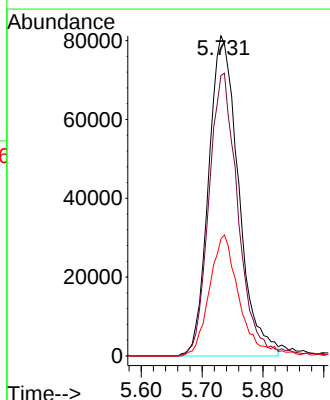
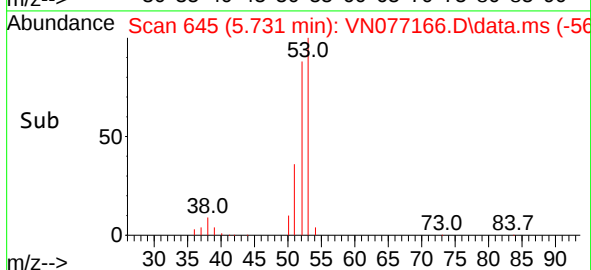
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

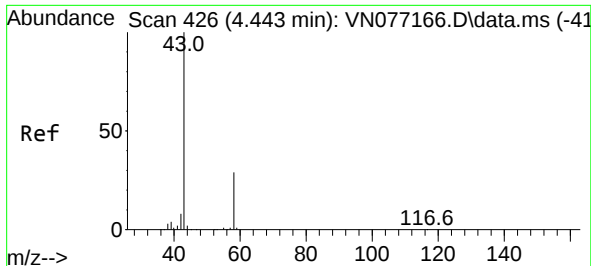


#14
Acrylonitrile
Concen: 106.319 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion: 53 Resp: 278125
Ion Ratio Lower Upper
53 100
52 84.1 41.5 124.6
51 36.6 17.6 52.8





#15

Acetone

Concen: 103.259 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 72698

Ion Ratio Lower Upper

58 100

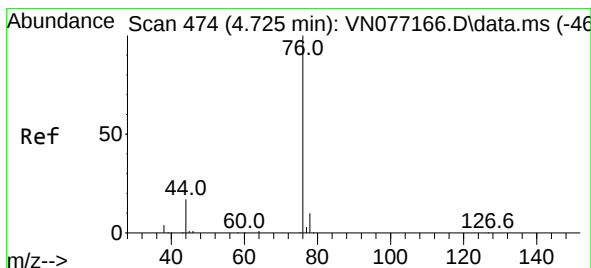
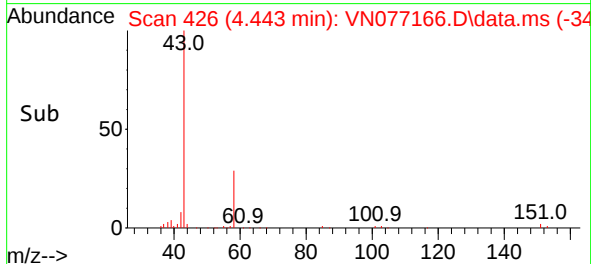
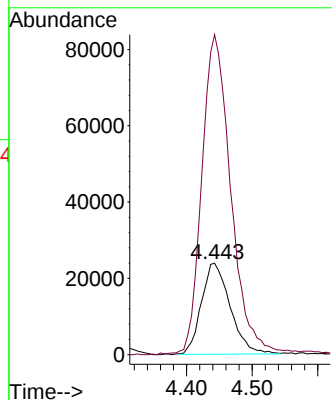
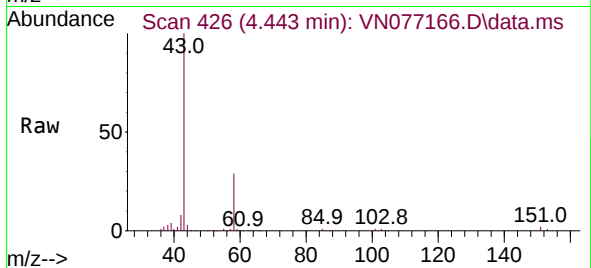
43 350.1 255.4 383.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#16

Carbon Disulfide

Concen: 18.004 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.000 min

Lab File: VN077166.D

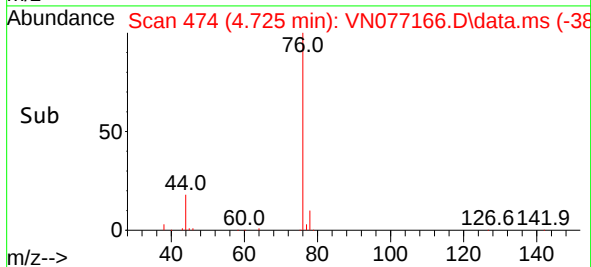
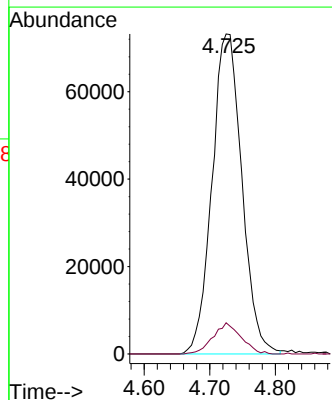
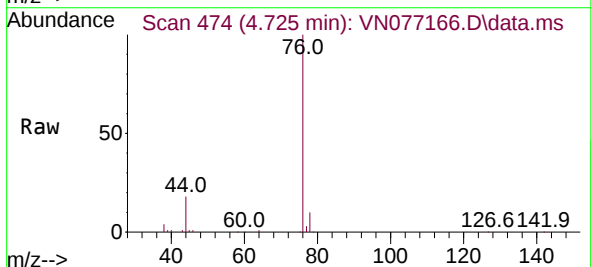
Acq: 23 Mar 2023 22:58

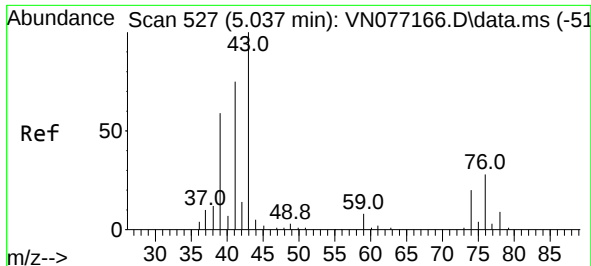
Tgt Ion: 76 Resp: 231274

Ion Ratio Lower Upper

76 100

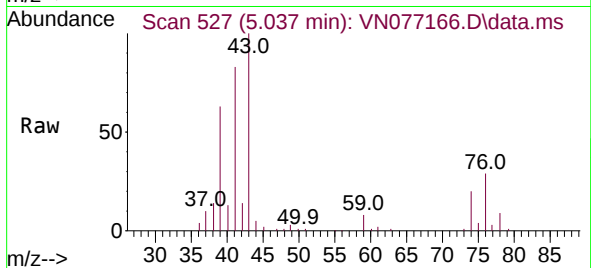
78 9.8 6.6 9.8





#17
 Allyl chloride
 Concen: 19.795 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN077166.D
 Acq: 23 Mar 2023 22:58

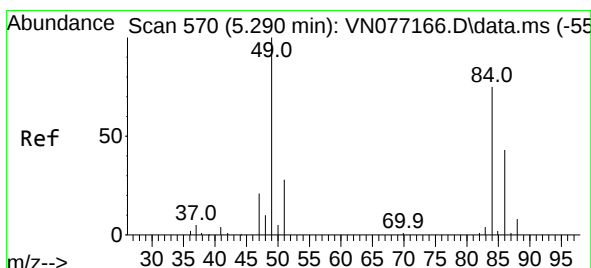
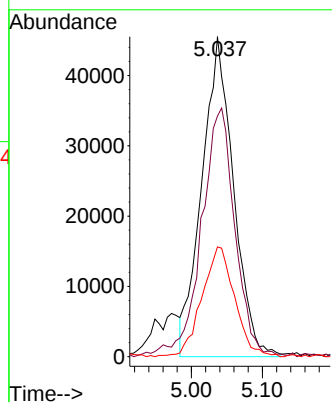
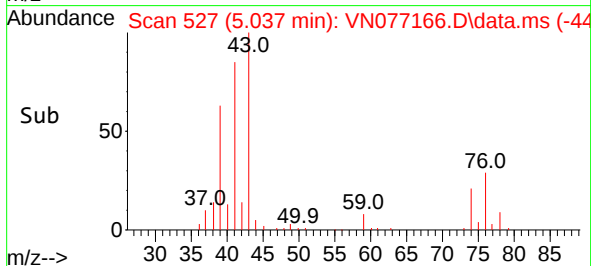
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 141159
 Ion Ratio Lower Upper
 41 100
 39 75.0 34.8 104.3
 76 34.6 17.5 52.5

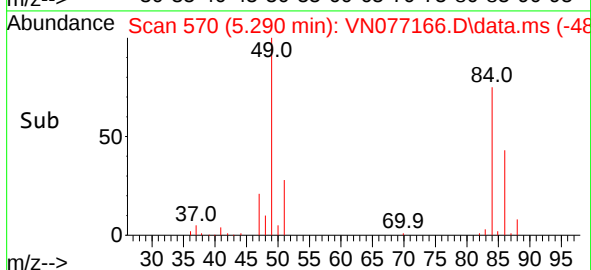
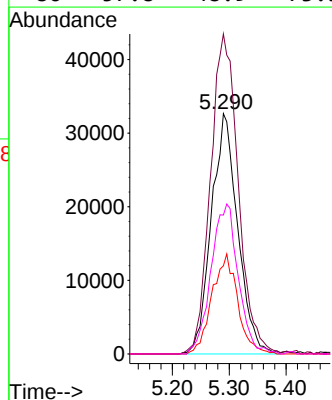
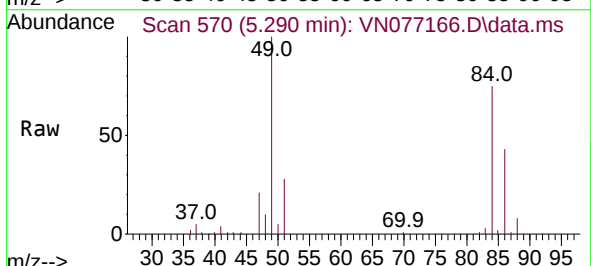
Manual Integrations
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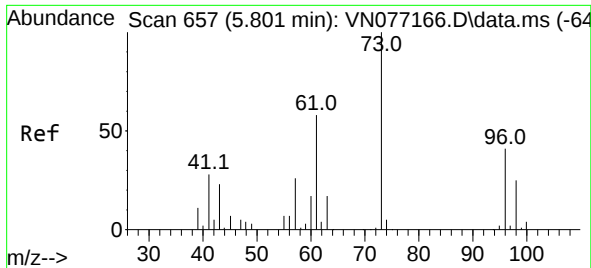
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#18
 Methylene Chloride
 Concen: 19.143 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VN077166.D
 Acq: 23 Mar 2023 22:58

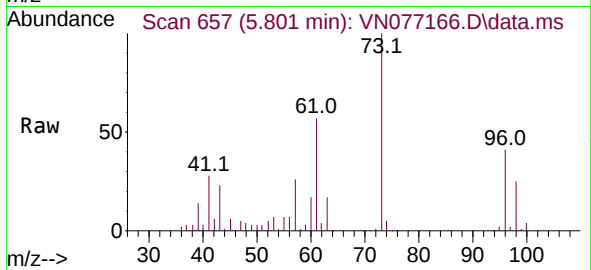
Tgt Ion: 84 Resp: 105454
 Ion Ratio Lower Upper
 84 100
 49 133.2 113.8 170.6
 51 36.7 34.2 51.4
 86 57.8 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 18.050 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

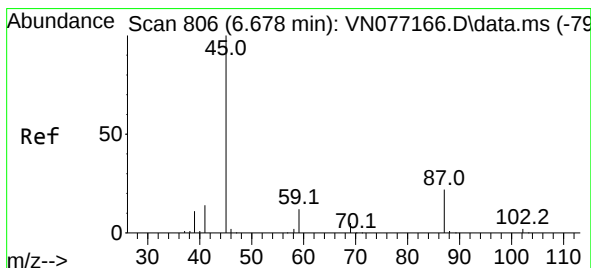
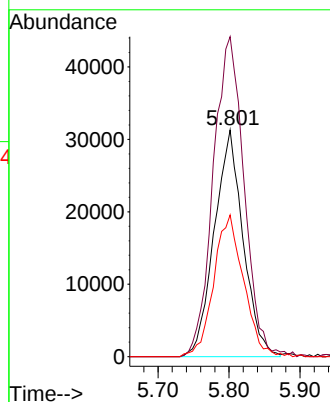
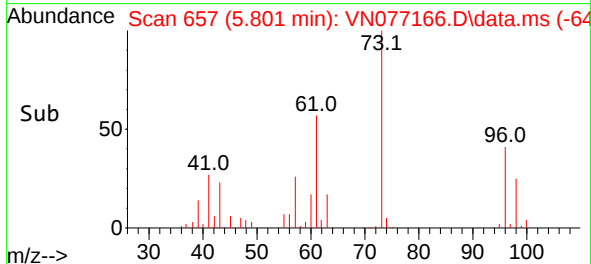
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 88279
Ion Ratio Lower Upper
96 100
61 141.1 111.0 166.4
98 62.5 55.0 82.6

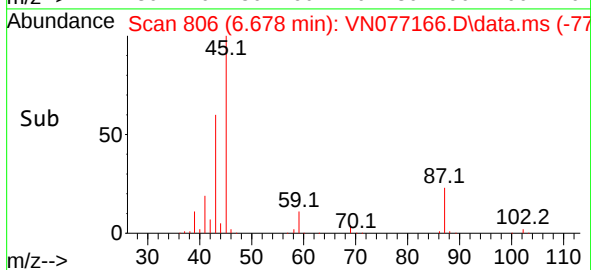
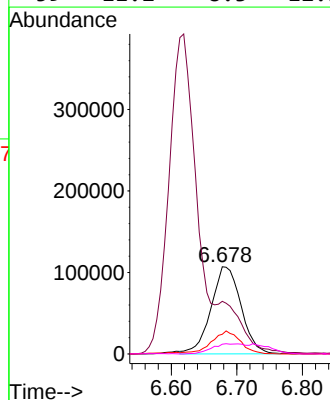
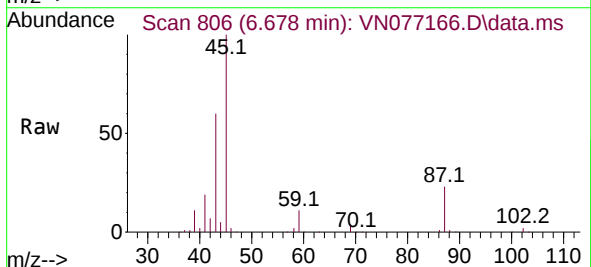
Manual Integrations
APPROVED

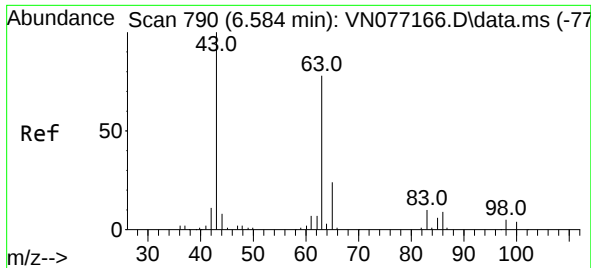
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#20
Diisopropyl ether
Concen: 21.017 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 45 Resp: 339981
Ion Ratio Lower Upper
45 100
43 57.5 38.6 58.0
87 22.6 20.1 30.1
59 11.2 8.3 12.5





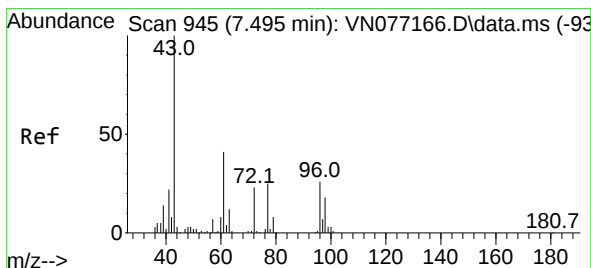
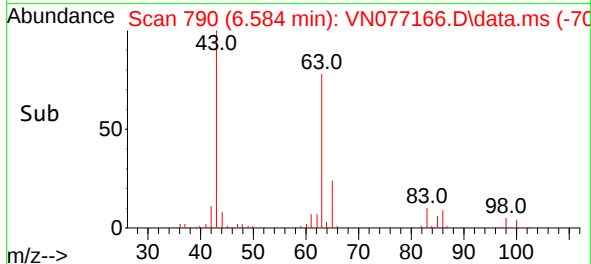
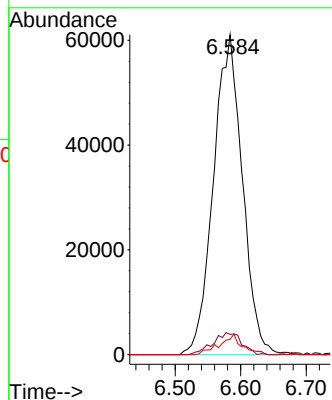
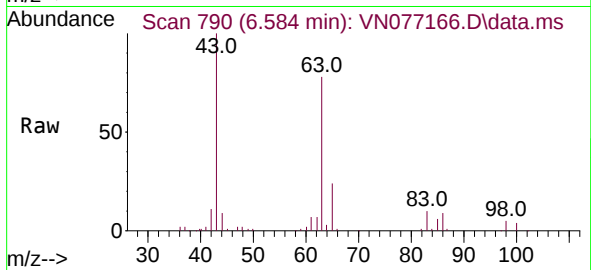
#21
1,1-Dichloroethane
Concen: 19.620 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 186880
Ion Ratio Lower Upper
63 100
98 6.3 3.6 10.9
100 4.8 2.6 7.8

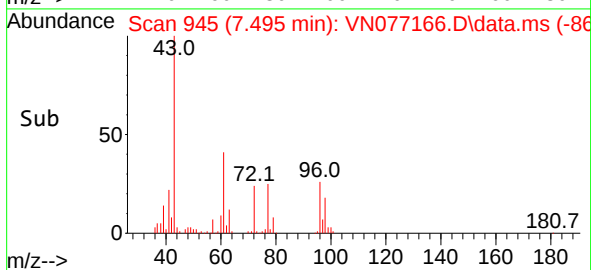
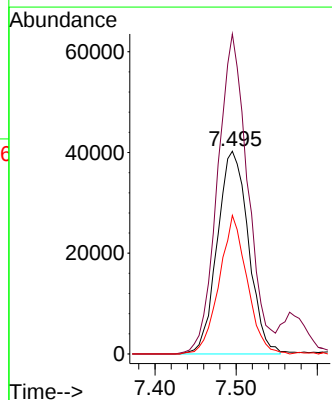
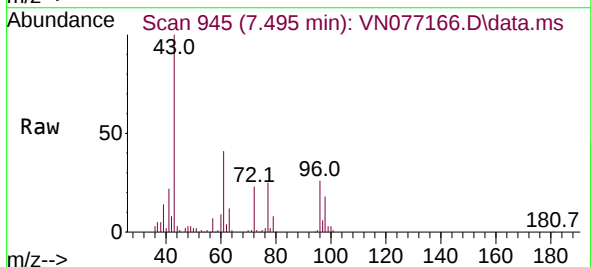
Manual Integrations
APPROVED

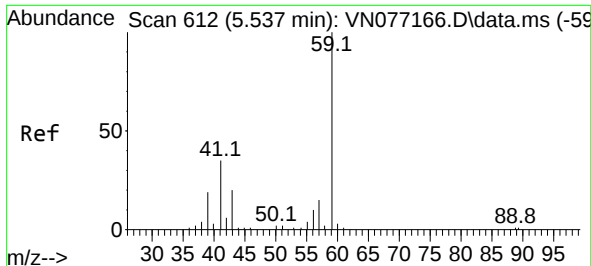
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
cis-1,2-Dichloroethene
Concen: 19.038 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

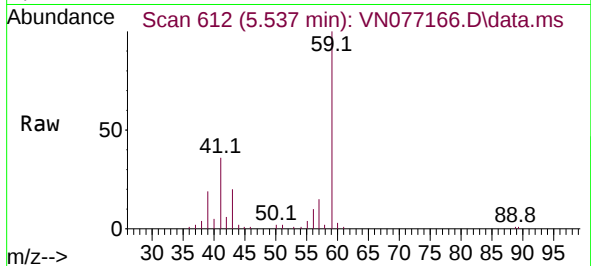
Tgt Ion: 96 Resp: 107306
Ion Ratio Lower Upper
96 100
61 153.7 121.0 181.4
98 60.9 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 116.785 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

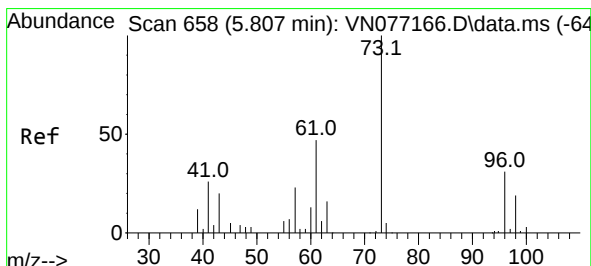
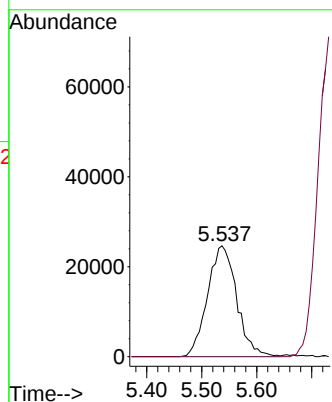
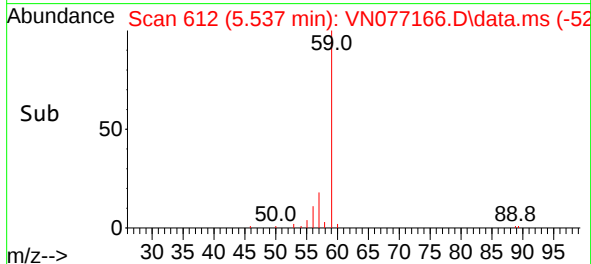
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 59 Resp: 9105
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

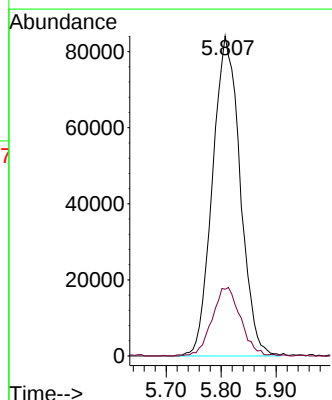
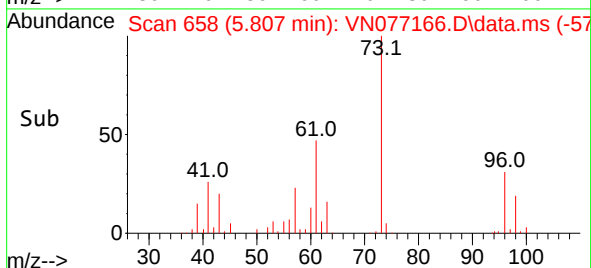
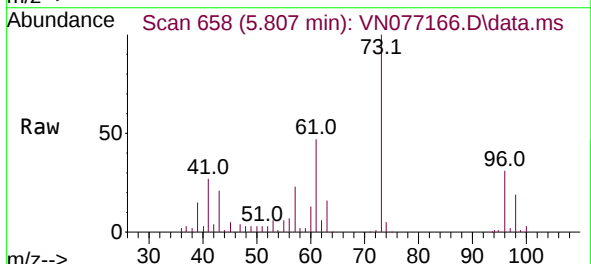
Manual Integrations
APPROVED

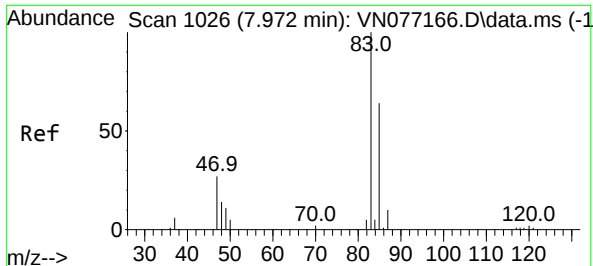
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 19.194 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 73 Resp: 293309
Ion Ratio Lower Upper
73 100
43 22.0 17.8 26.6





#25

Chloroform

Concen: 19.274 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 188099

Ion Ratio Lower Upper

83 100

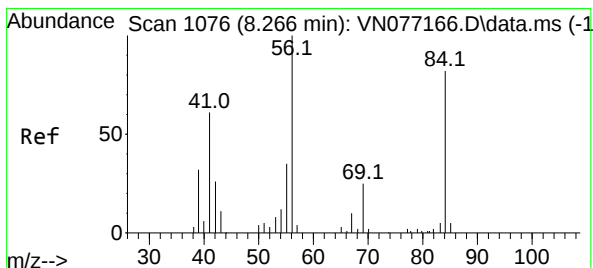
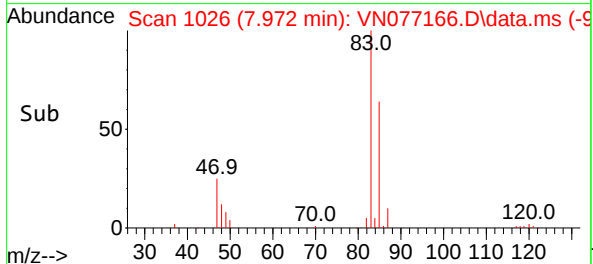
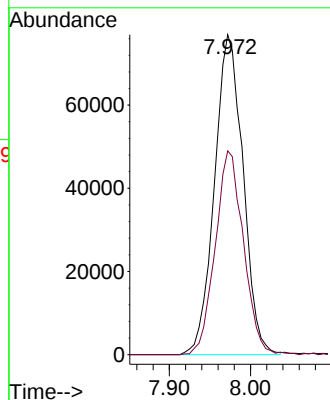
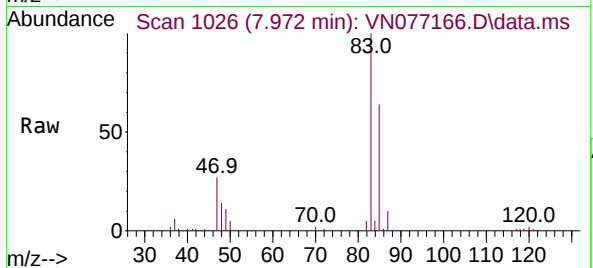
85 63.7 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 18.613 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

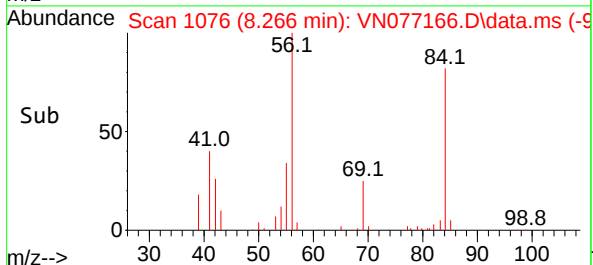
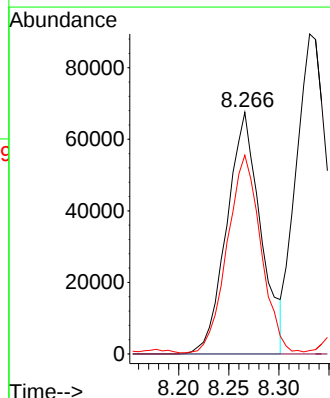
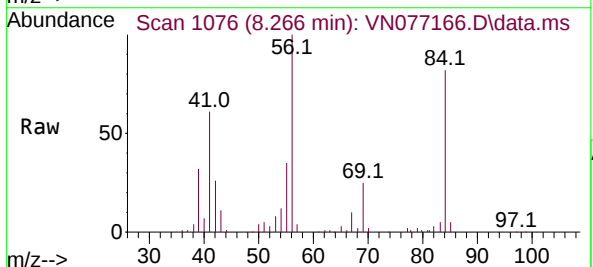
Tgt Ion: 56 Resp: 158847

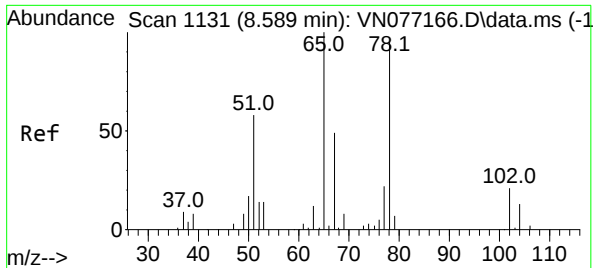
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

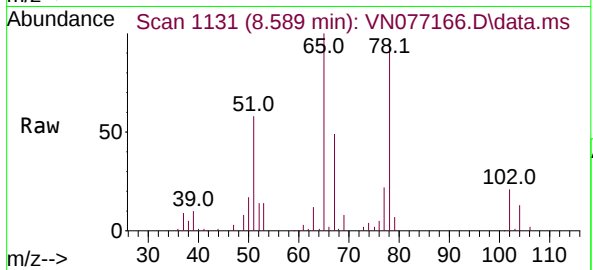
84 82.4 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 33.305 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

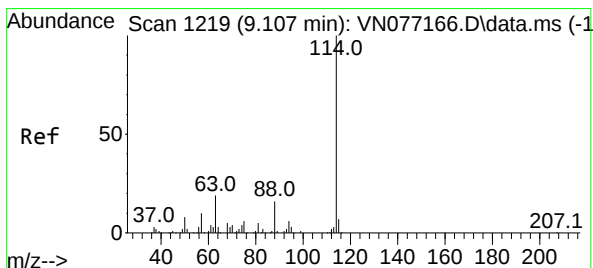
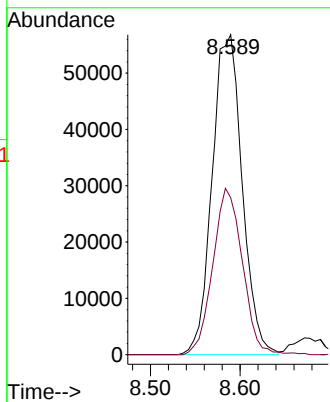
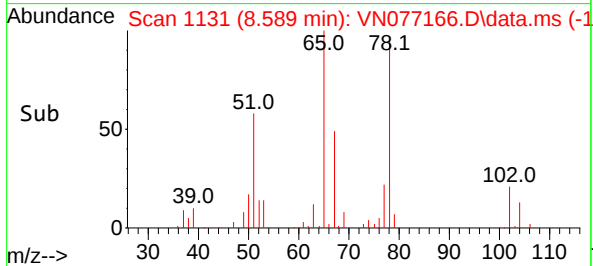
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



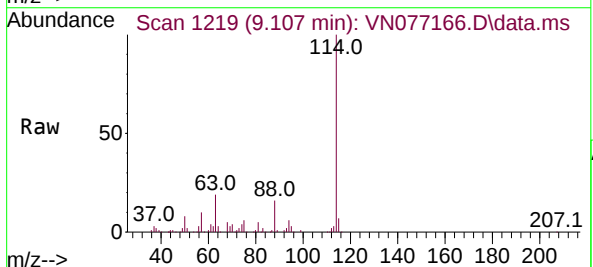
Tgt Ion: 65 Resp: 132100
Ion Ratio Lower Upper
65 100
67 51.0 40.9 61.3

Manual Integrations
APPROVED

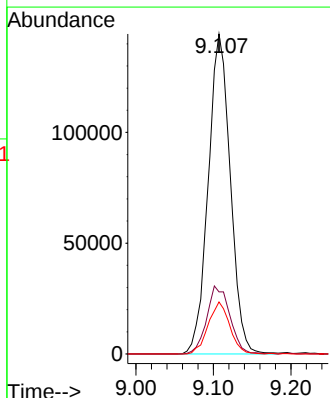
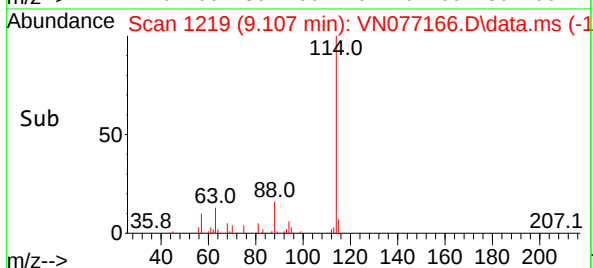
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

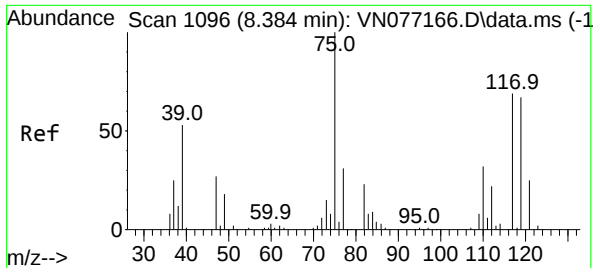


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



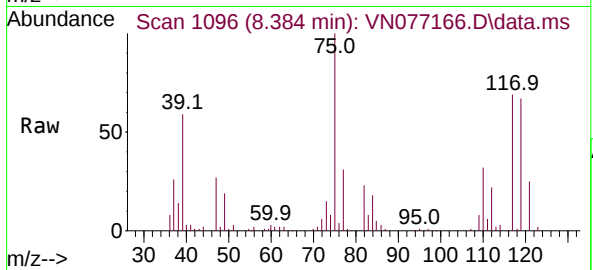
Tgt Ion:114 Resp: 286655
Ion Ratio Lower Upper
114 100
63 22.0 17.0 25.4
88 15.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 19.240 ug/l
RT: 8.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

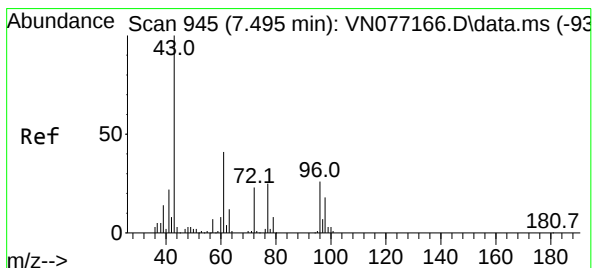
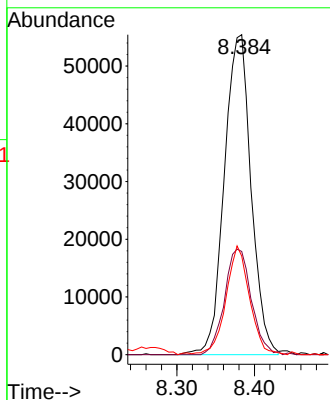
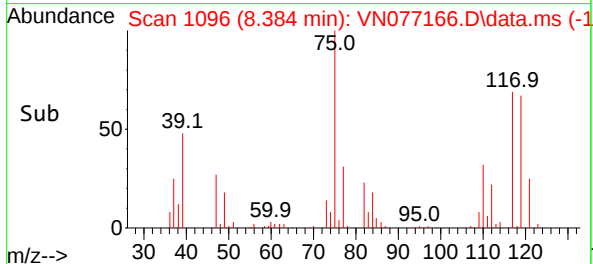
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



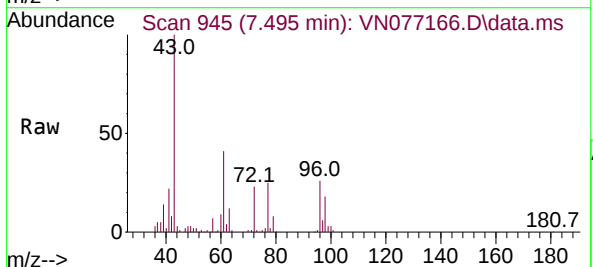
Tgt Ion: 75 Resp: 133358
Ion Ratio Lower Upper
75 100
110 33.0 0.0 67.2
77 29.9 0.0 64.4

Manual Integrations
APPROVED

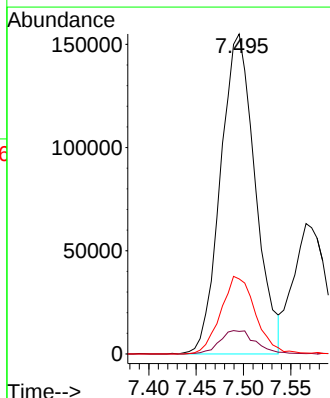
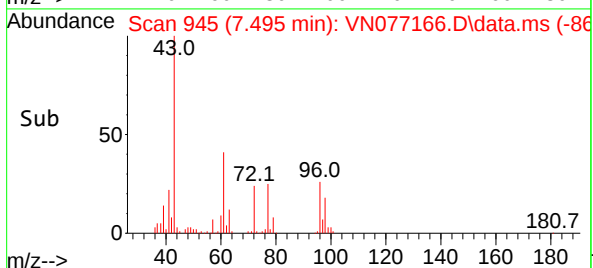
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

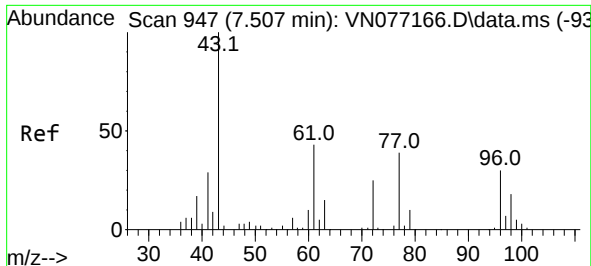


#30
2-Butanone
Concen: 118.073 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion: 43 Resp: 394401
Ion Ratio Lower Upper
43 100
57 4.5 6.1 9.1#
72 24.0 20.2 30.4





#31

2,2-Dichloropropane

Concen: 18.198 ug/l

RT: 7.507 min Scan# 947

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 122992

Ion Ratio Lower Upper

77 100

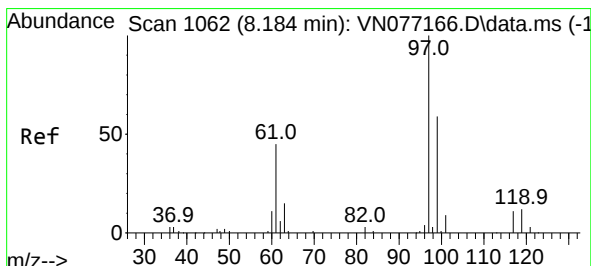
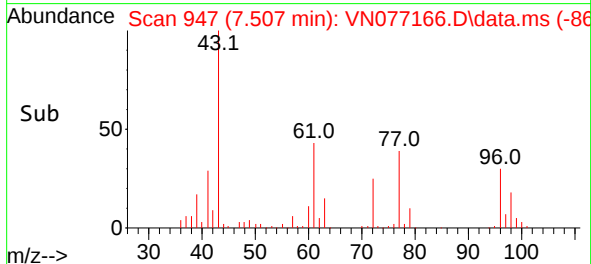
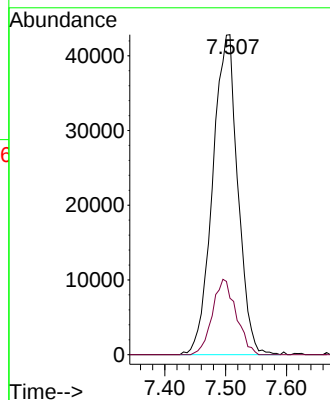
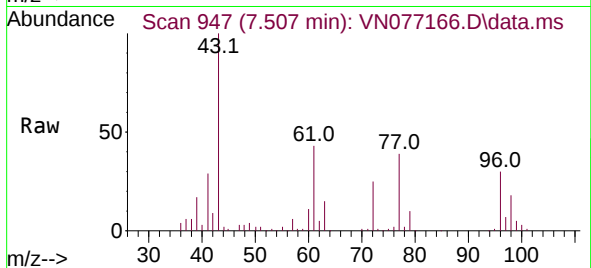
97 22.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#32

1,1,1-Trichloroethane

Concen: 19.825 ug/l

RT: 8.184 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

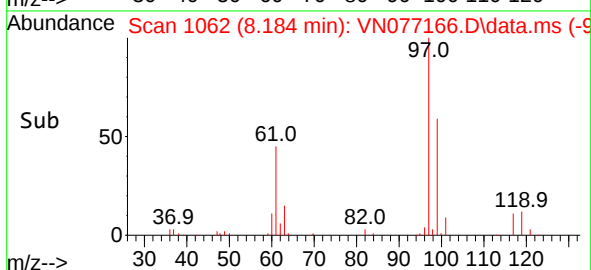
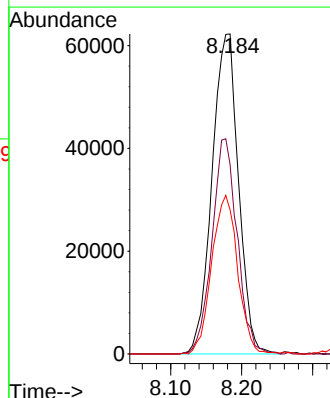
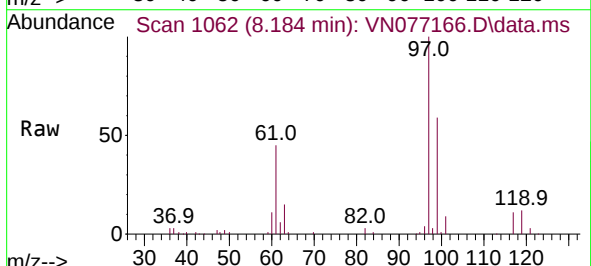
Tgt Ion: 97 Resp: 161003

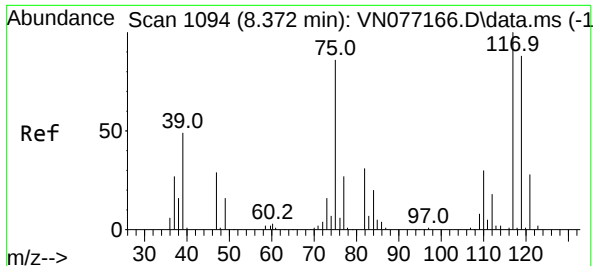
Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.8

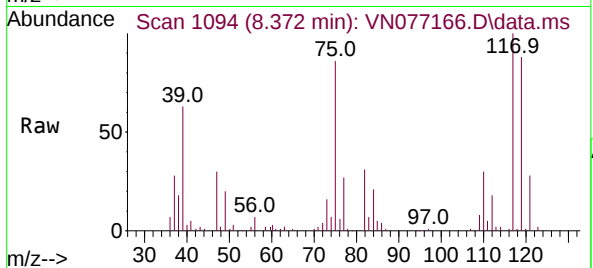
61 48.7 39.3 58.9





#33
Carbon Tetrachloride
Concen: 19.100 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

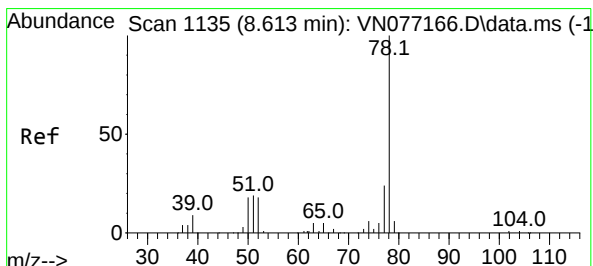
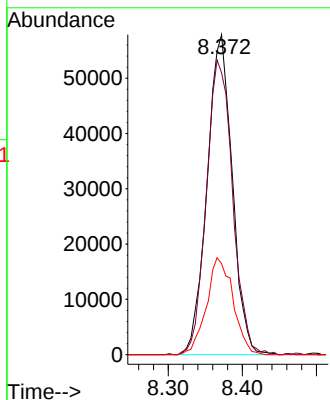
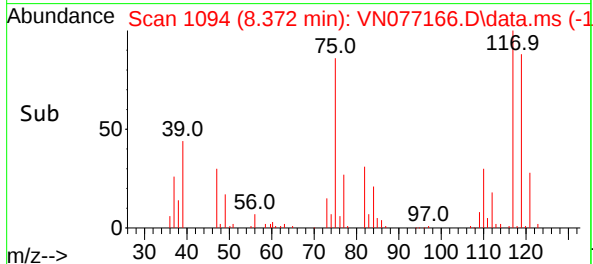
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



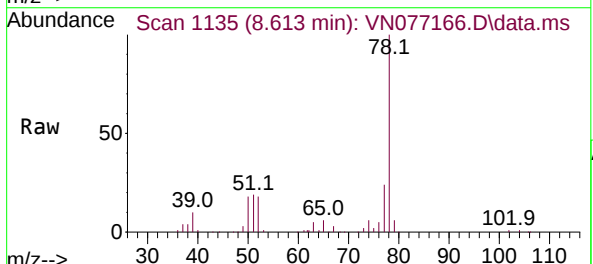
Tgt Ion: 117 Resp: 136345
Ion Ratio Lower Upper
117 100
119 88.1 79.8 119.8
121 28.5 23.4 35.0

Manual Integrations
APPROVED

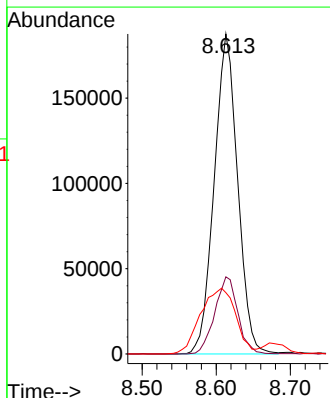
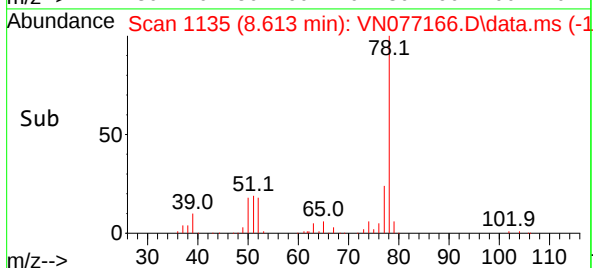
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

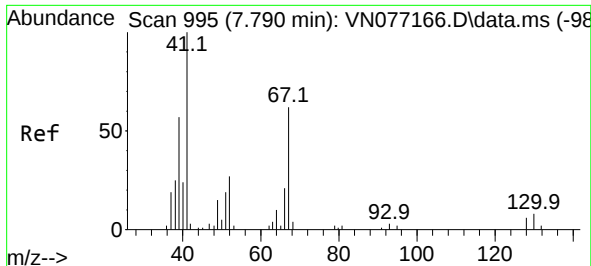


#34
Benzene
Concen: 19.363 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



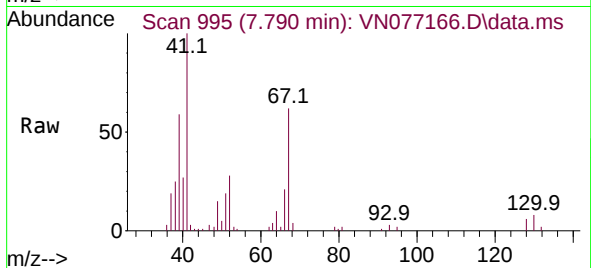
Tgt Ion: 78 Resp: 411894
Ion Ratio Lower Upper
78 100
77 24.1 17.4 26.2
51 18.6 13.8 20.6





#35
Methacrylonitrile
Concen: 22.910 ug/l
RT: 7.790 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

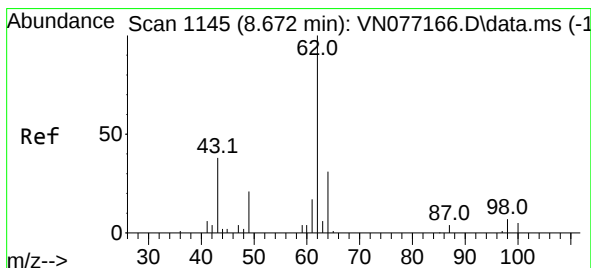
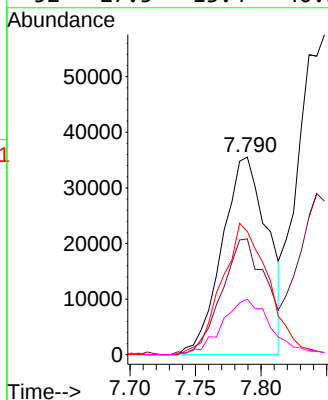
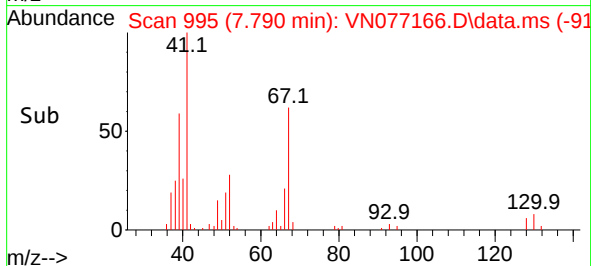
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	41	Resp:	85694
Ion Ratio	100	Lower	Upper
39	57.1	26.6	79.7
67	62.4	32.3	96.9
52	27.5	13.4	40.1

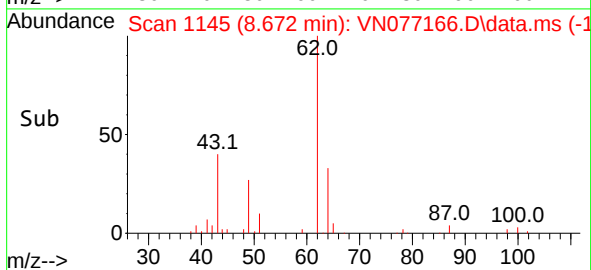
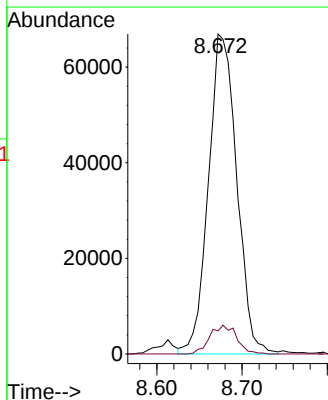
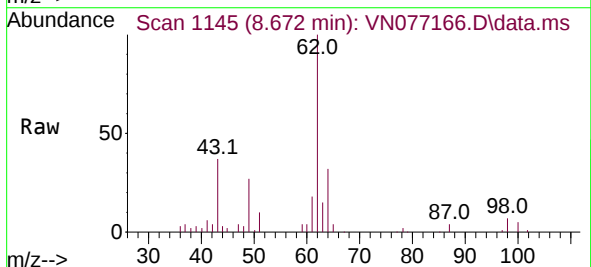
Manual Integrations
APPROVED

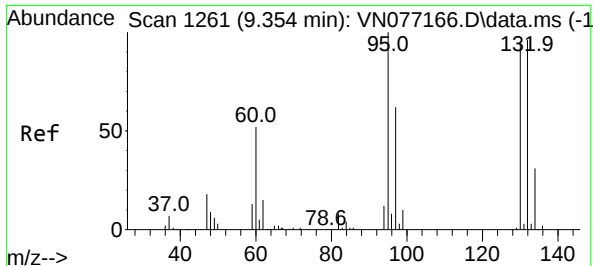
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 21.205 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

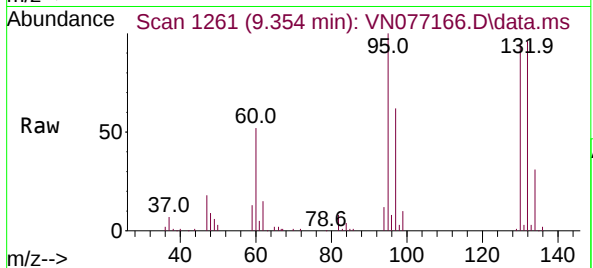
Tgt Ion:	62	Resp:	154734
Ion Ratio	100	Lower	Upper
98	8.5	7.4	11.0





#37
Trichloroethene
Concen: 17.959 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

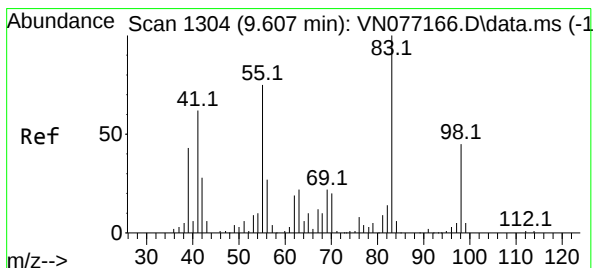
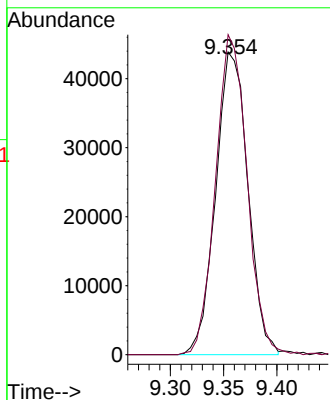
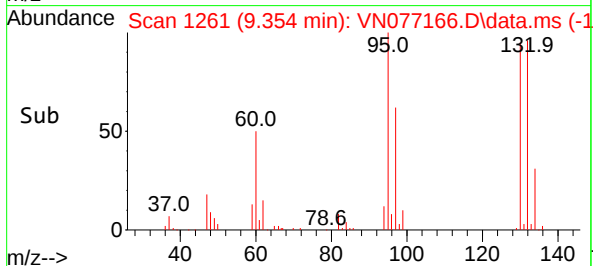
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



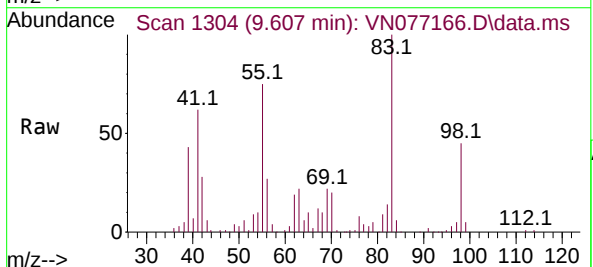
Tgt Ion:130 Resp: 92380
Ion Ratio Lower Upper
130 100
95 105.7 78.7 118.1

Manual Integrations
APPROVED

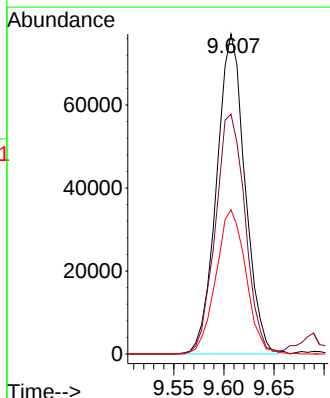
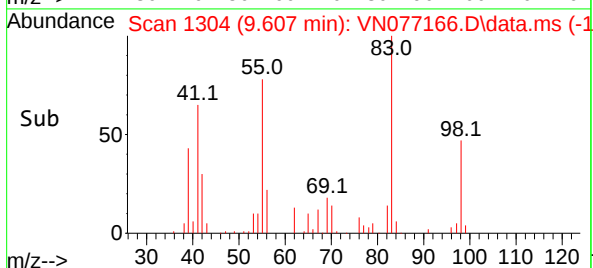
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

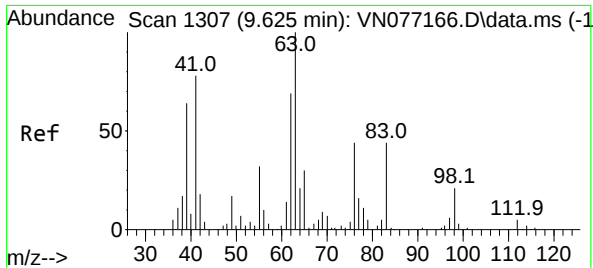


#38
Methylcyclohexane
Concen: 17.949 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion: 83 Resp: 151931
Ion Ratio Lower Upper
83 100
55 78.7 37.6 112.9
98 47.7 24.1 72.4





#39

1,2-Dichloropropane

Concen: 20.302 ug/l

RT: 9.625 min Scan# 11161

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 11161

Ion Ratio Lower Upper

63 100

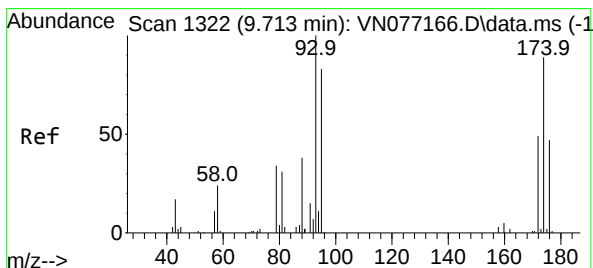
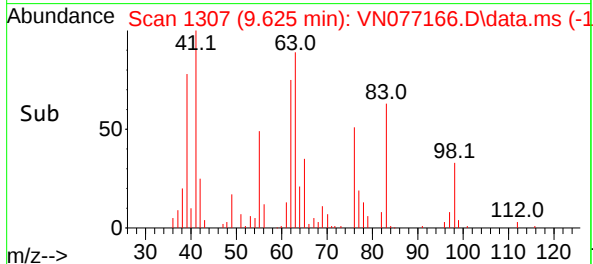
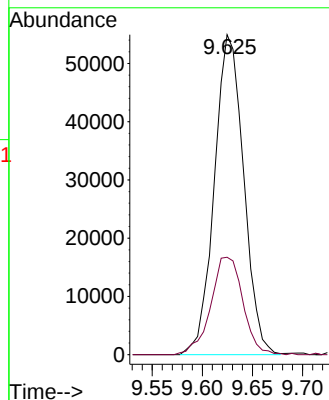
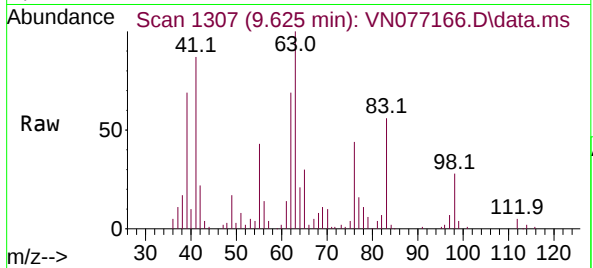
65 30.1 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Dibromomethane

Concen: 20.260 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

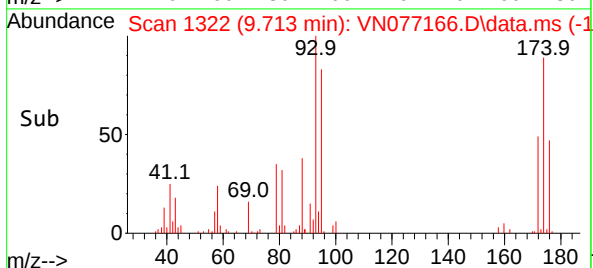
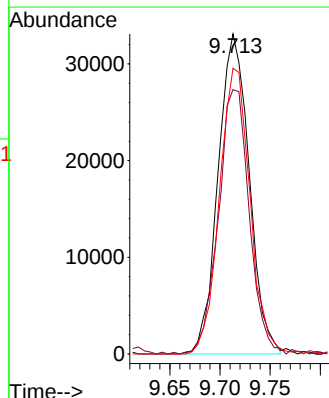
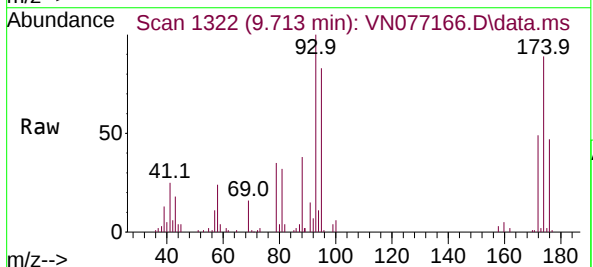
Tgt Ion: 93 Resp: 71098

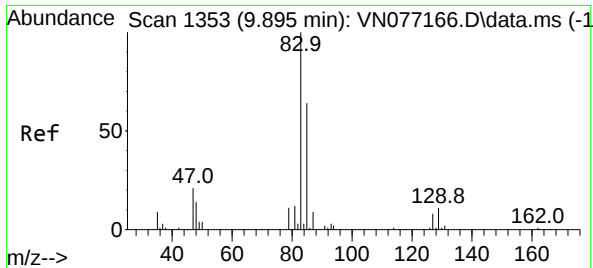
Ion Ratio Lower Upper

93 100

95 82.1 0.0 158.0

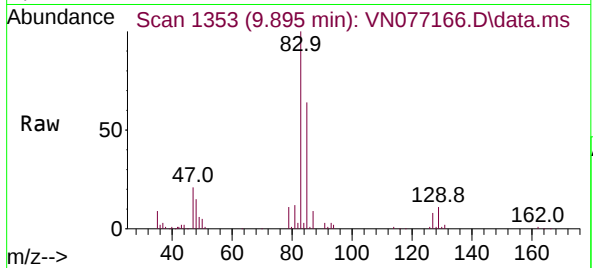
174 87.9 0.0 171.2





#41
Bromodichloromethane
Concen: 19.976 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

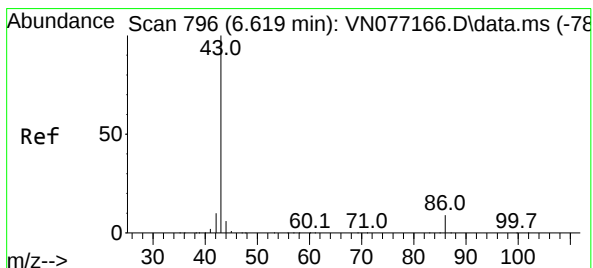
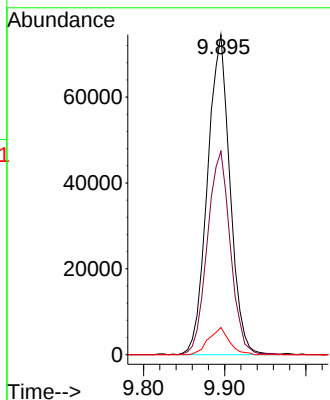
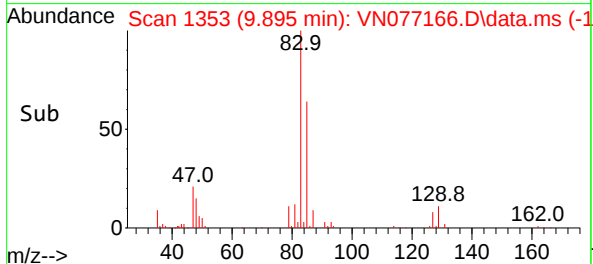
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 143244
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.4
127 8.5 6.2 9.2

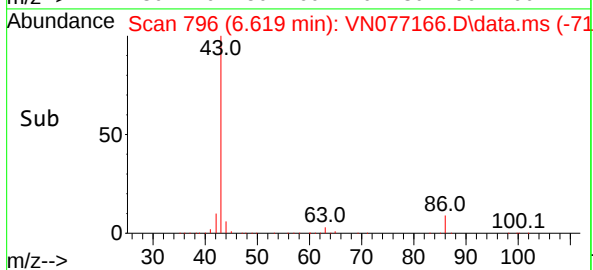
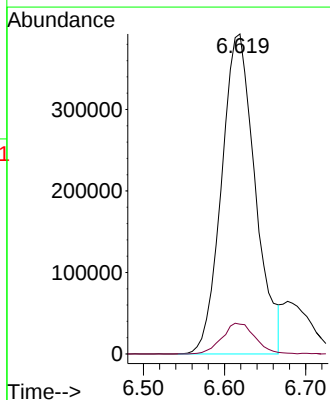
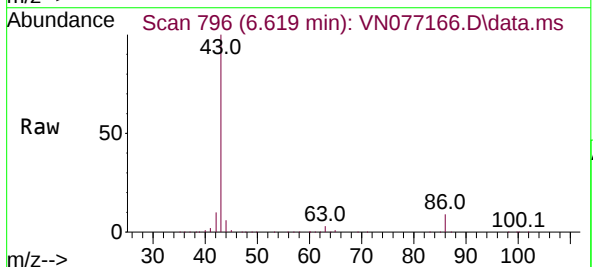
Manual Integrations
APPROVED

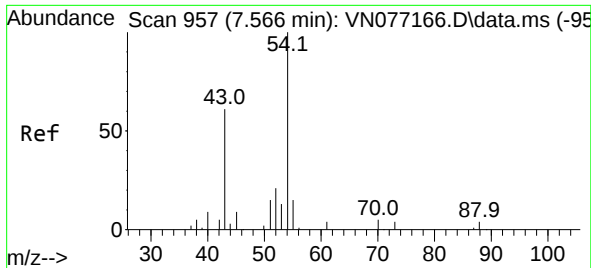
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
Vinyl Acetate
Concen: 110.859 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 43 Resp: 1132626
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6





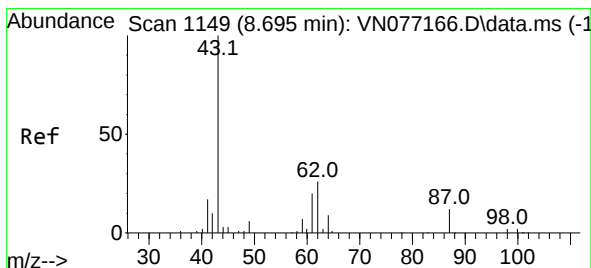
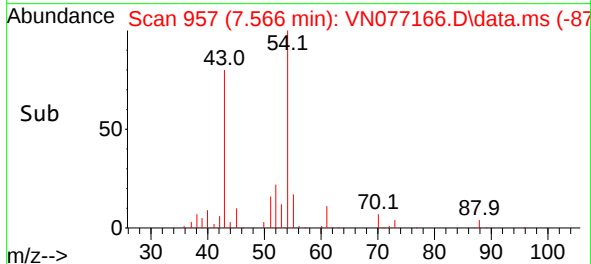
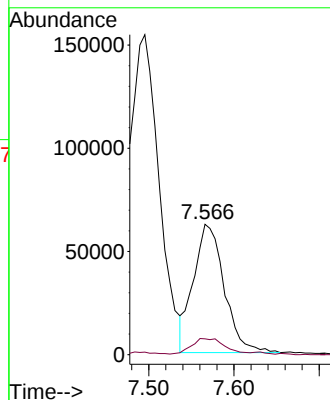
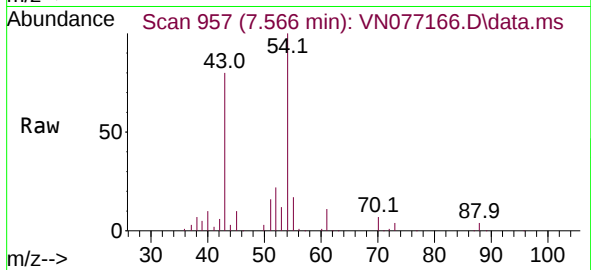
#43
Ethyl Acetate
Concen: 23.307 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 156132
Ion Ratio Lower Upper
43 100
45 7.5 11.2 16.8

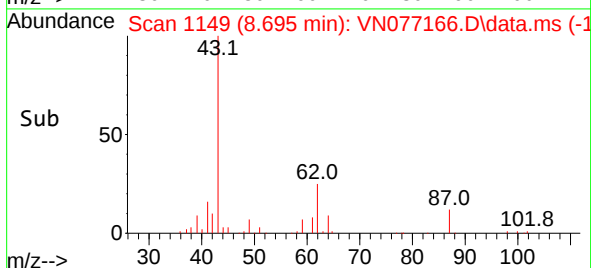
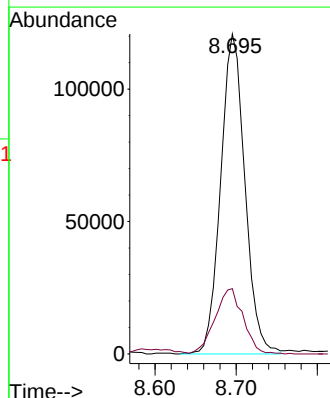
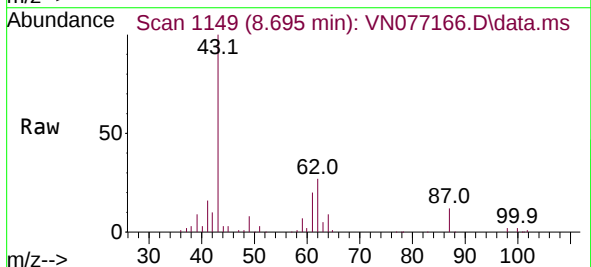
Manual Integrations
APPROVED

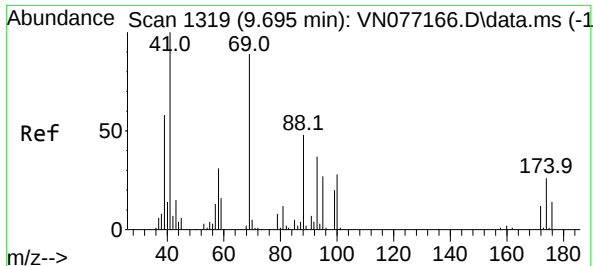
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 23.169 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 43 Resp: 250984
Ion Ratio Lower Upper
43 100
61 23.7 19.5 29.3





#45

1,4-Dioxane

Concen: 474.732 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

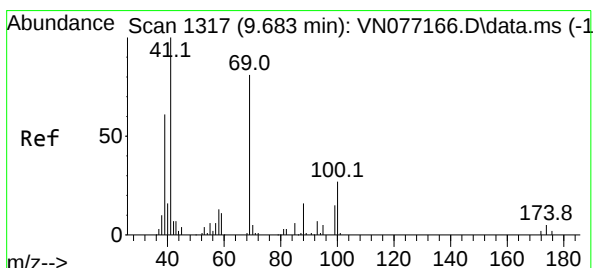
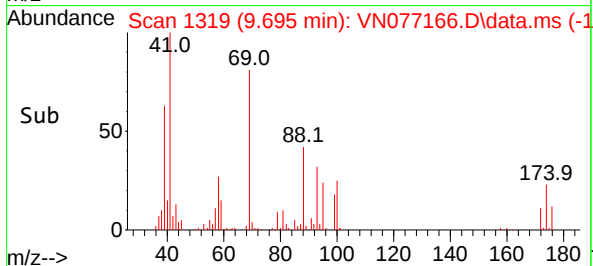
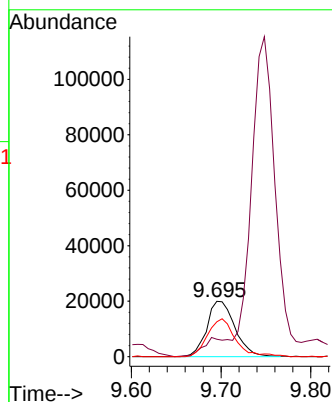
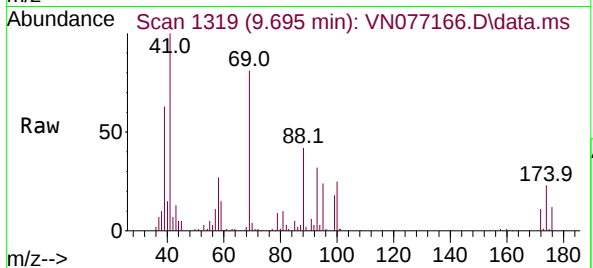
Tgt Ion: 88 Resp: 43520
 Ion Ratio Lower Upper
 88 100
 43 23.5 26.0 39.0
 58 65.3 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 22.830 ug/l

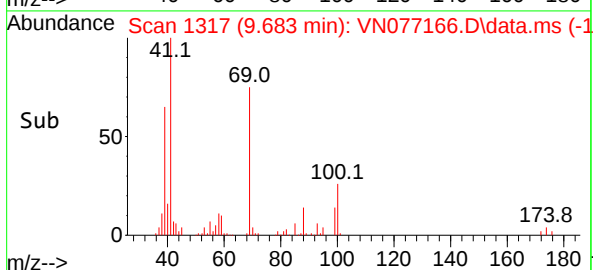
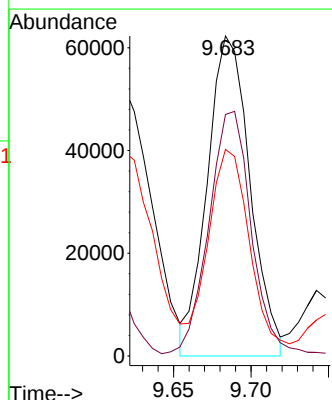
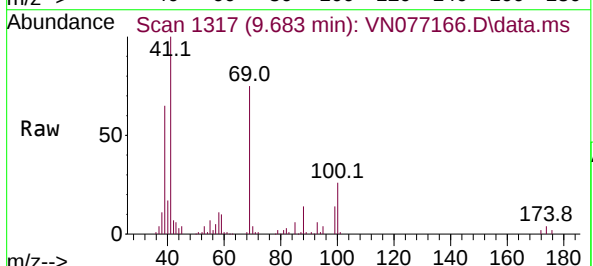
RT: 9.683 min Scan# 1317

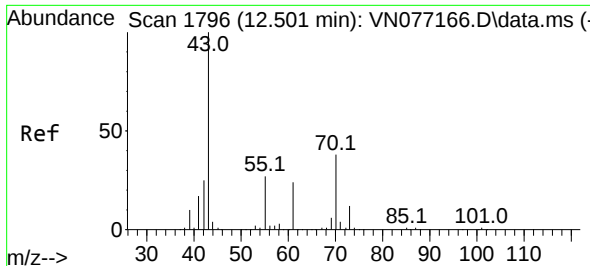
Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Tgt Ion: 41 Resp: 119710
 Ion Ratio Lower Upper
 41 100
 69 77.2 40.6 121.7
 39 63.3 30.5 91.5





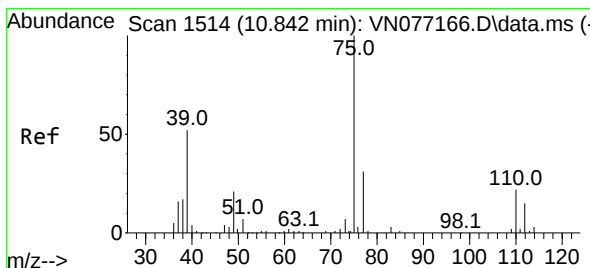
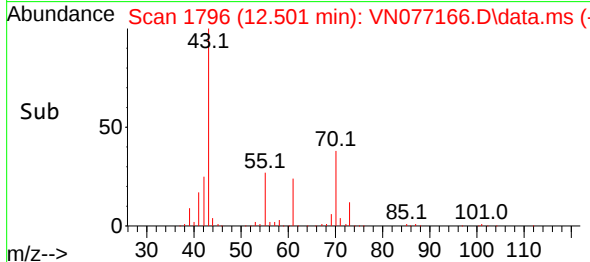
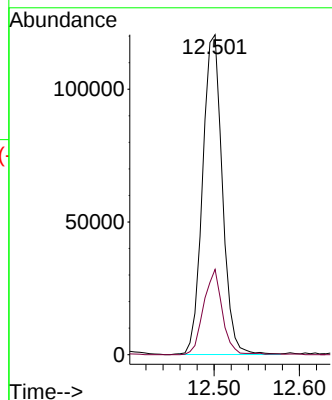
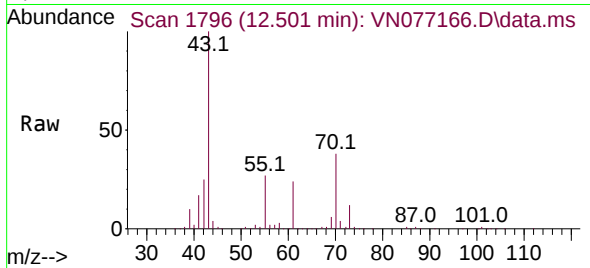
#47
n-amyl Acetate
Concen: 22.117 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 193844
Ion Ratio Lower Upper
43 100
55 25.0 18.3 27.5

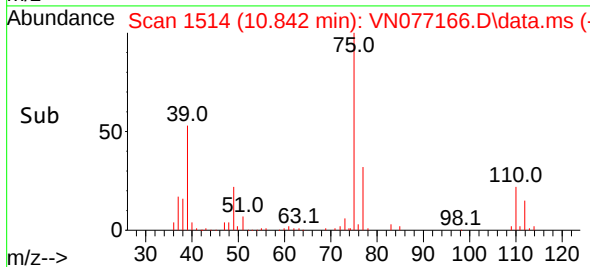
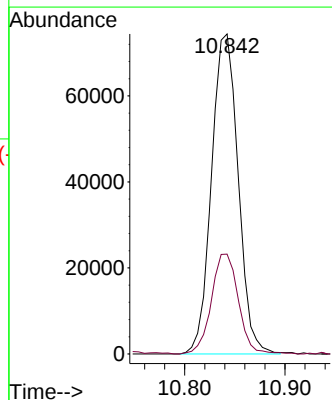
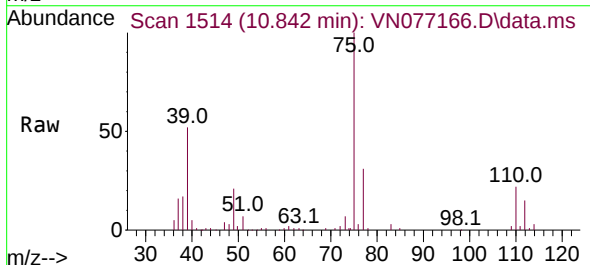
Manual Integrations
APPROVED

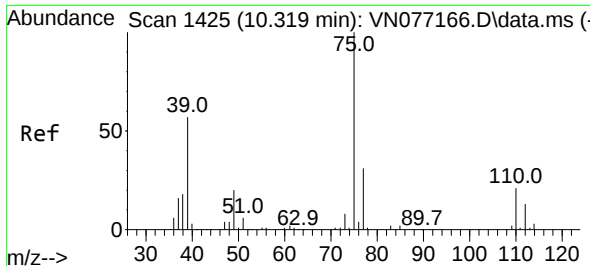
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 19.181 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 75 Resp: 137224
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.2





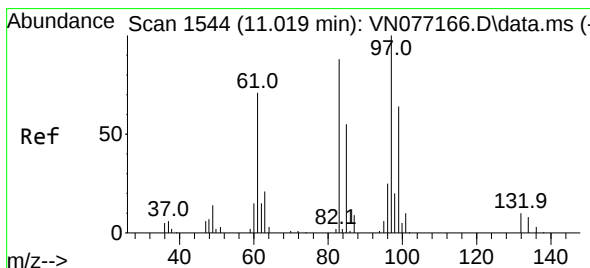
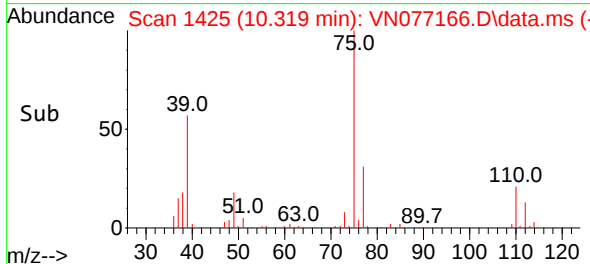
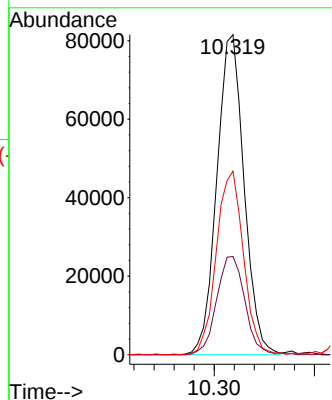
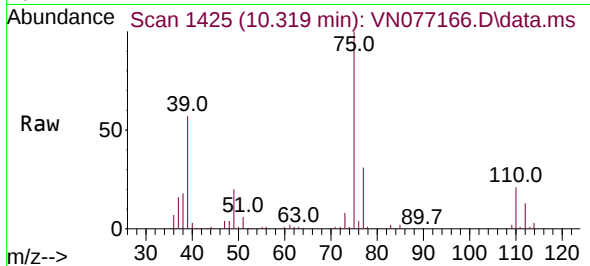
#49
 cis-1,3-Dichloropropene
 Concen: 19.019 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.000 min
 Lab File: VN077166.D
 Acq: 23 Mar 2023 22:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion: 75 Resp: 15369
 Ion Ratio Lower Upper
 75 100
 77 30.7 27.5 41.3
 39 57.4 43.5 65.3

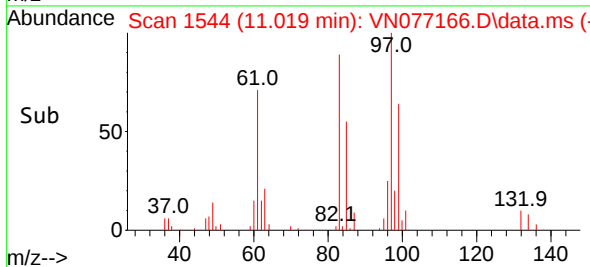
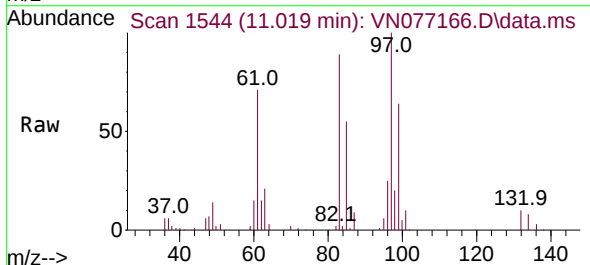
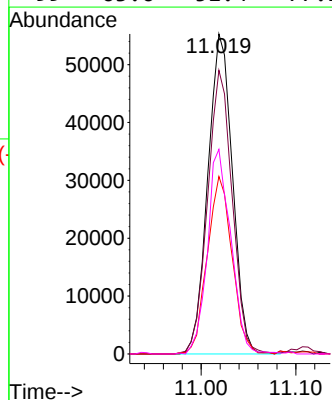
Manual Integrations
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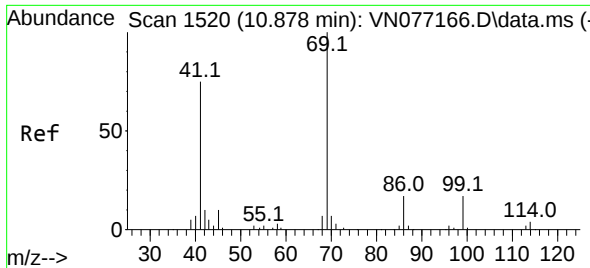
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.538 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN077166.D
 Acq: 23 Mar 2023 22:58

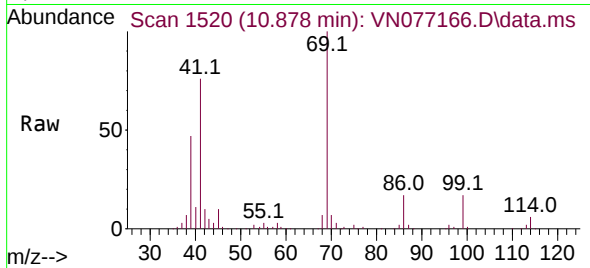
Tgt Ion: 97 Resp: 100160
 Ion Ratio Lower Upper
 97 100
 83 88.2 71.0 106.4
 85 55.0 45.5 68.3
 99 63.6 51.4 77.2





#51
Ethyl methacrylate
Concen: 19.281 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

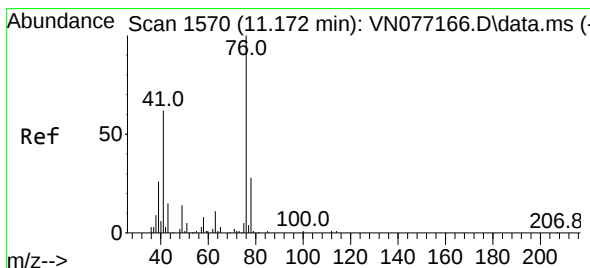
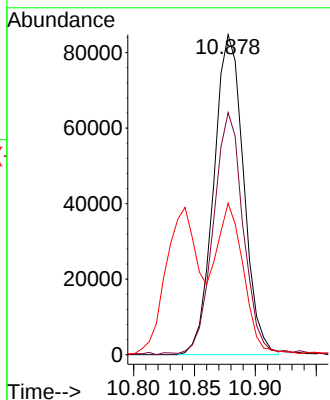
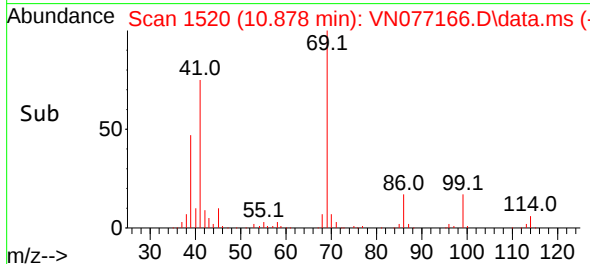
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 14456
Ion Ratio Lower Upper
69 100
41 75.3 36.3 108.7
39 46.4 19.9 59.7

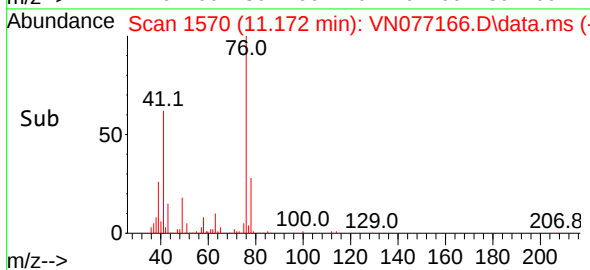
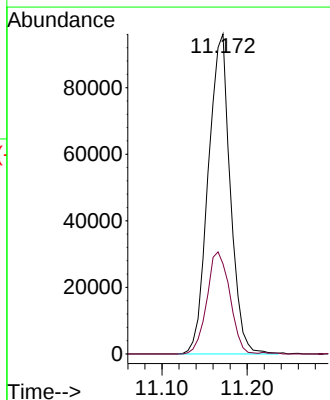
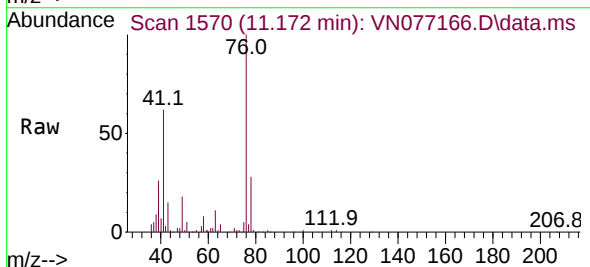
Manual Integrations
APPROVED

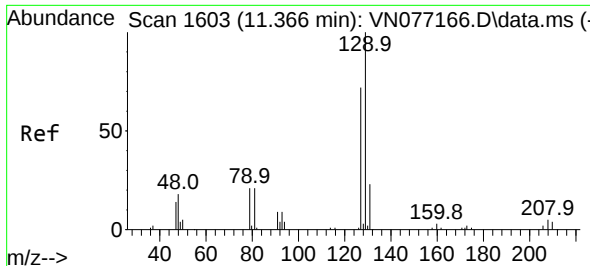
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#52
1,3-Dichloropropane
Concen: 19.594 ug/l
RT: 11.172 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 76 Resp: 172928
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.4





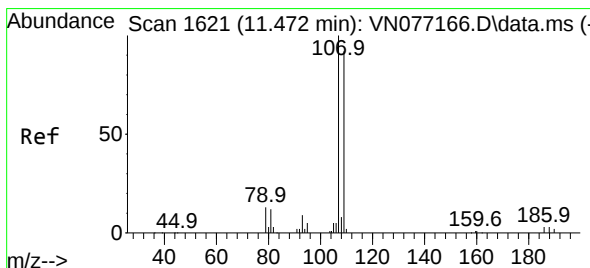
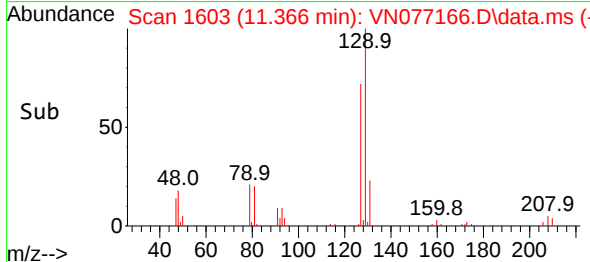
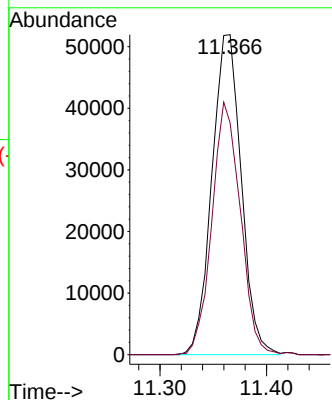
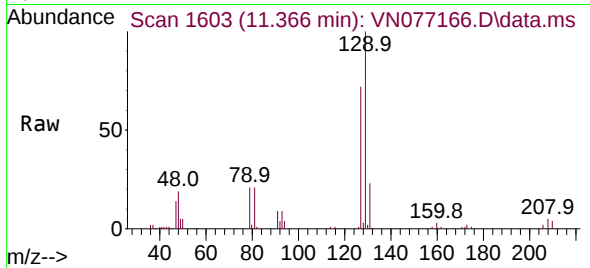
#53
Dibromochloromethane
Concen: 19.150 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 99439
Ion Ratio Lower Upper
129 100
127 76.1 39.4 118.1

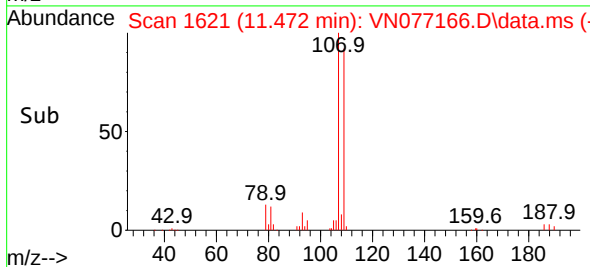
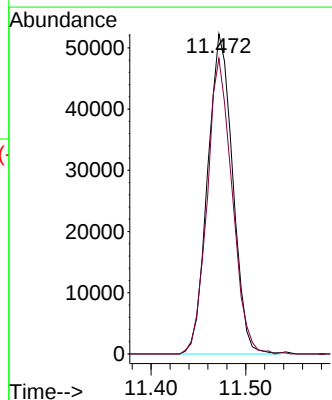
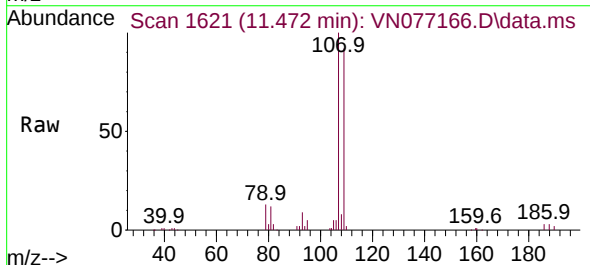
Manual Integrations
APPROVED

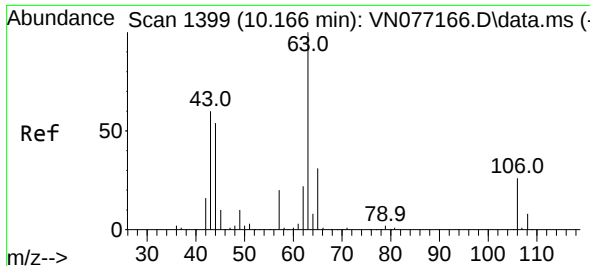
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#54
1,2-Dibromoethane
Concen: 19.476 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion:107 Resp: 96049
Ion Ratio Lower Upper
107 100
109 91.6 74.6 112.0





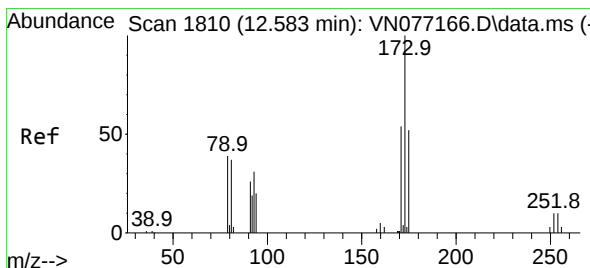
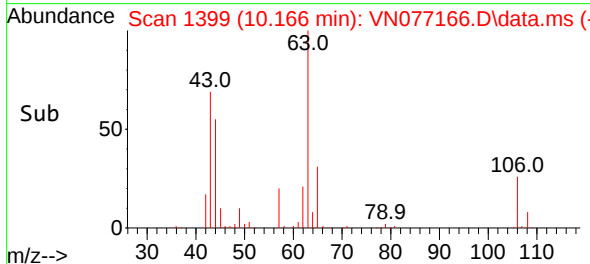
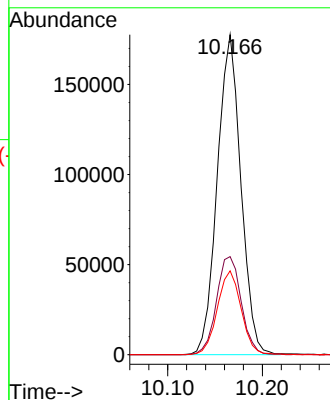
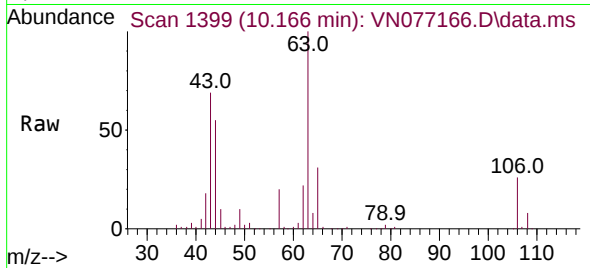
#55
2-Chloroethyl vinyl ether
Concen: 112.695 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 308095
Ion Ratio Lower Upper
63 100
65 31.9 26.3 39.5
106 26.5 21.6 32.4

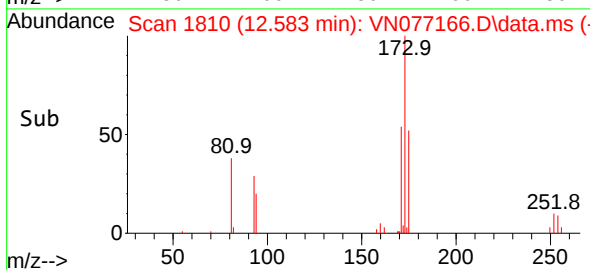
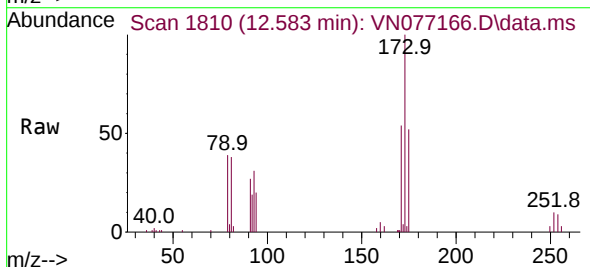
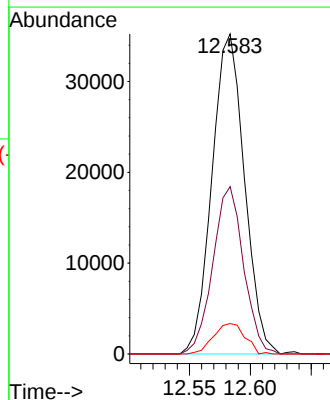
Manual Integrations
APPROVED

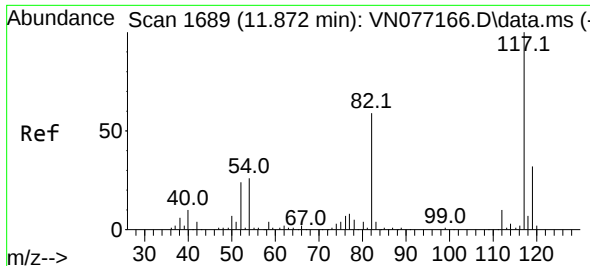
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 18.852 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion:173 Resp: 65251
Ion Ratio Lower Upper
173 100
175 49.5 37.8 56.6
254 9.2 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.872 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:117 Resp: 311798

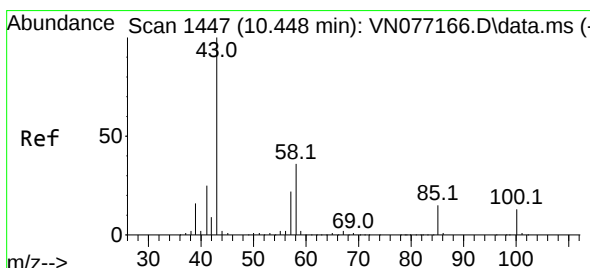
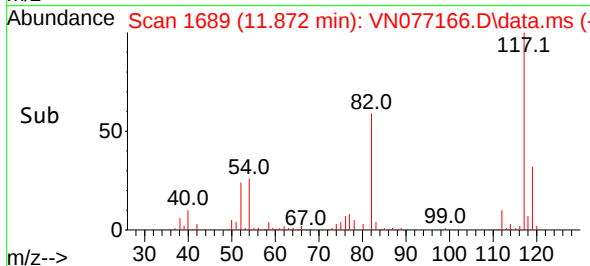
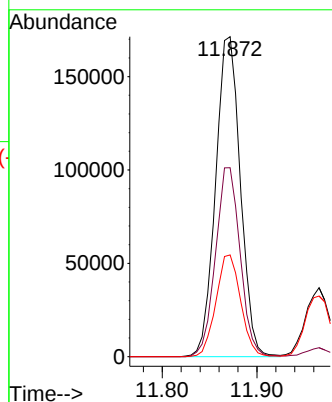
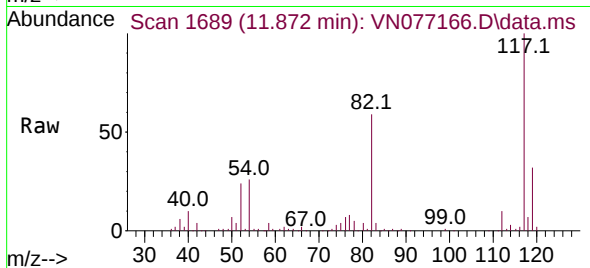
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.0
119	31.7	26.8	40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#58

4-Methyl-2-Pentanone

Concen: 118.801 ug/l

RT: 10.448 min Scan# 1447

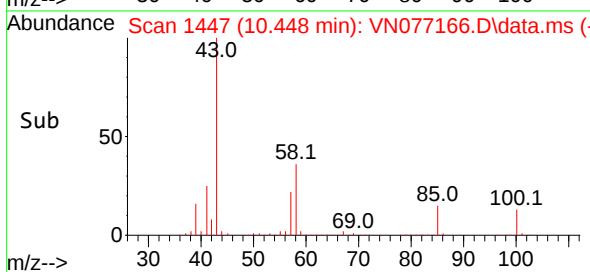
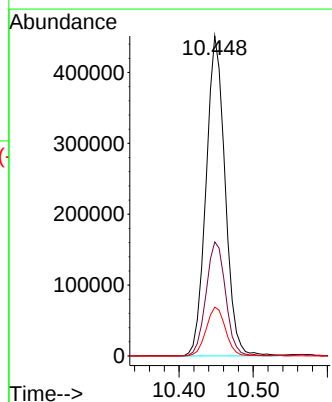
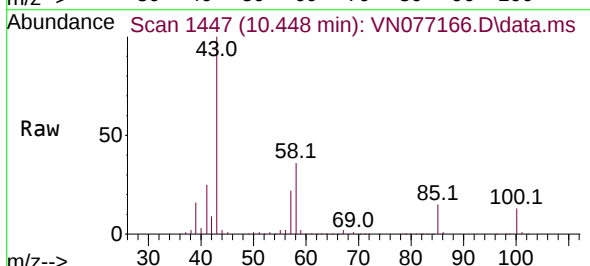
Delta R.T. 0.000 min

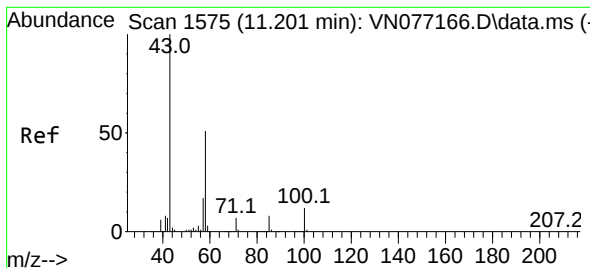
Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Tgt Ion: 43 Resp: 804963

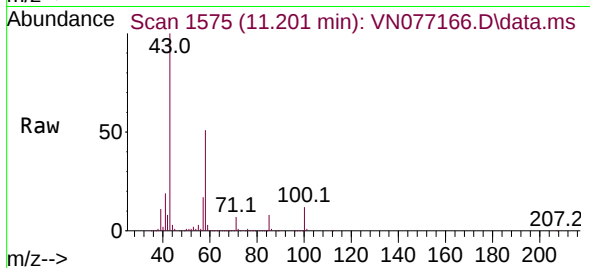
Ion	Ratio	Lower	Upper
43	100		
58	36.7	28.6	42.8
85	15.5	11.8	17.8





#59
2-Hexanone
Concen: 120.976 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

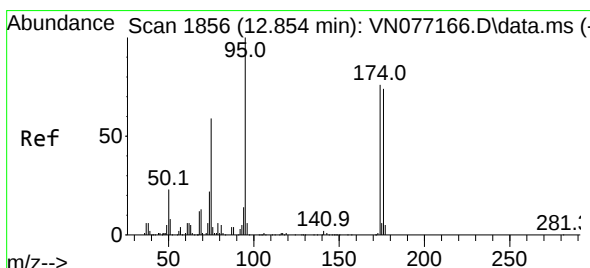
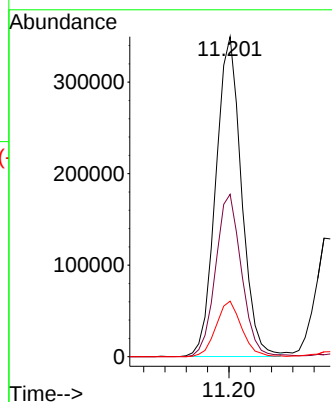
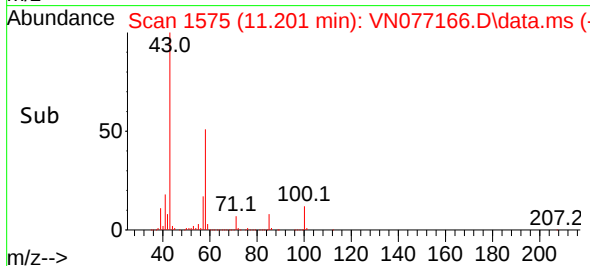
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 585248
Ion Ratio Lower Upper
43 100
58 51.3 40.6 60.8
57 17.3 13.1 19.7

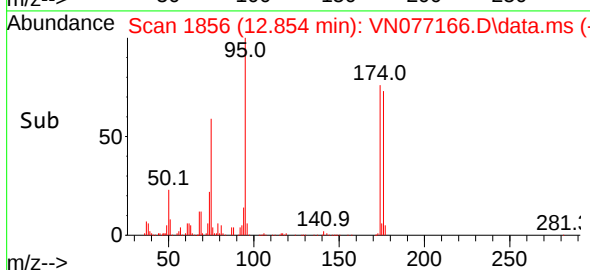
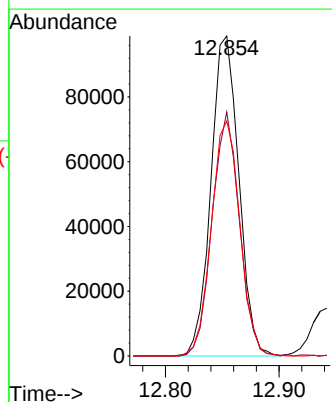
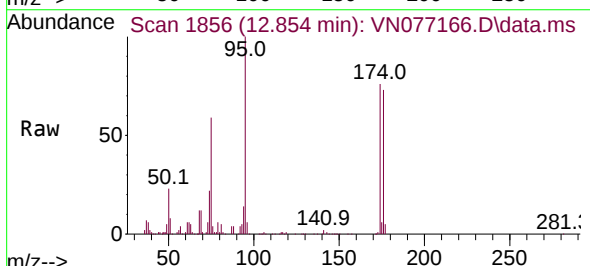
Manual Integrations
APPROVED

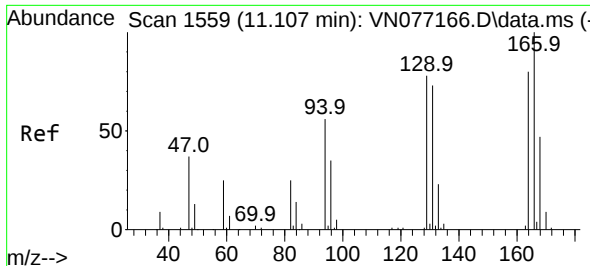
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 28.922 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

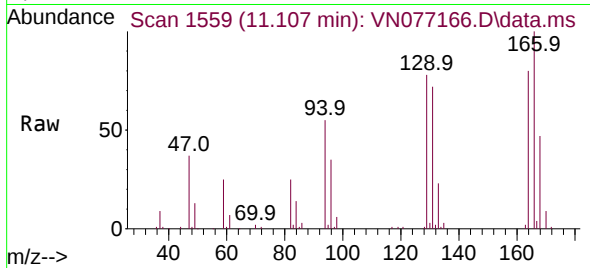
Tgt Ion: 95 Resp: 168733
Ion Ratio Lower Upper
95 100
174 74.1 64.2 96.4
176 75.1 61.4 92.0





#61
Tetrachloroethene
Concen: 15.757 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

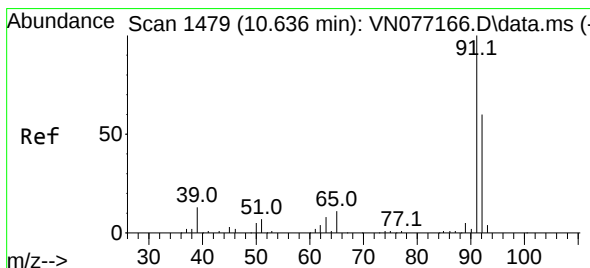
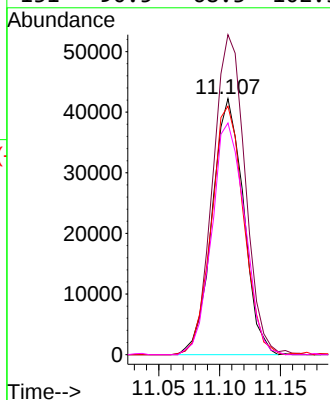
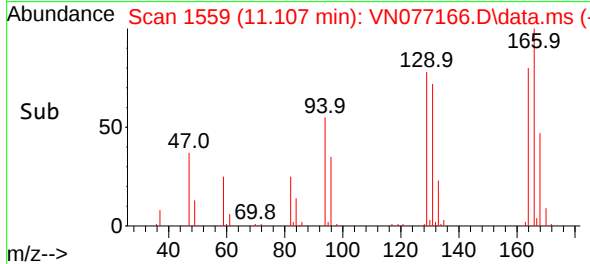
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



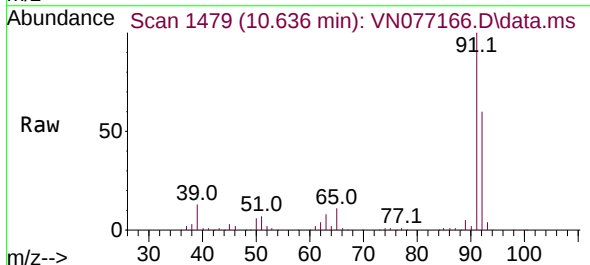
Tgt Ion:164 Resp: 75708
Ion Ratio Lower Upper
164 100
166 124.5 96.2 144.2
129 96.6 78.2 117.4
131 90.5 68.3 102.5

Manual Integrations
APPROVED

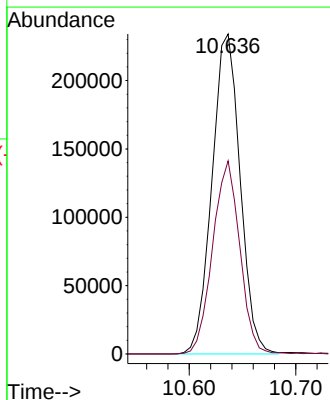
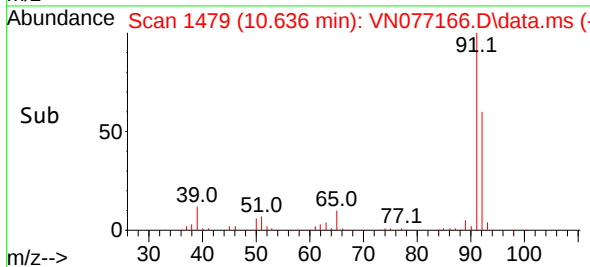
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

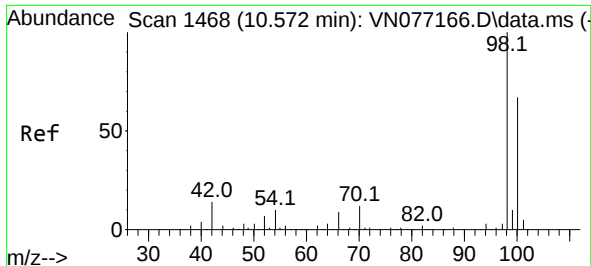


#62
Toluene
Concen: 19.563 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion: 91 Resp: 429432
Ion Ratio Lower Upper
91 100
92 58.2 46.3 69.5





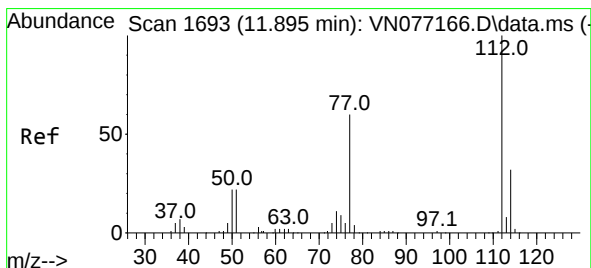
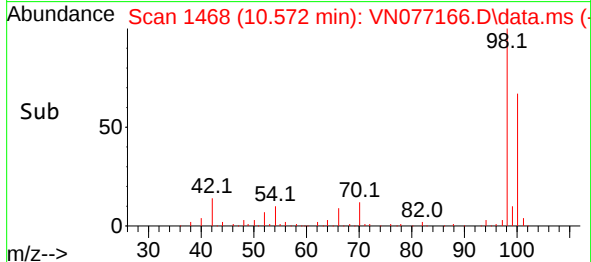
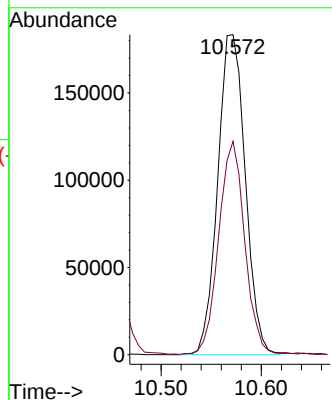
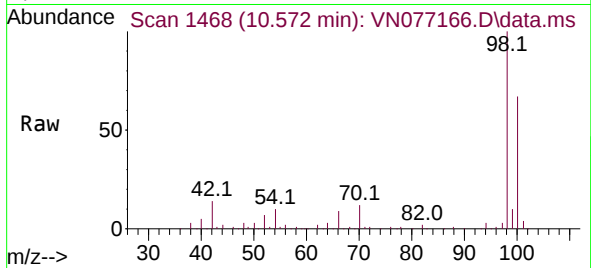
#63
Toluene-d8
Concen: 31.699 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 349882
Ion Ratio Lower Upper
98 100
100 62.9 53.8 80.6

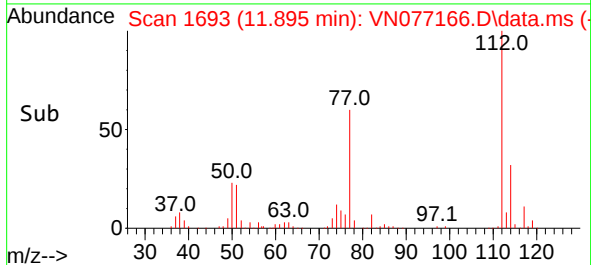
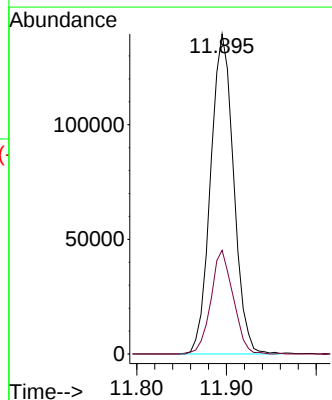
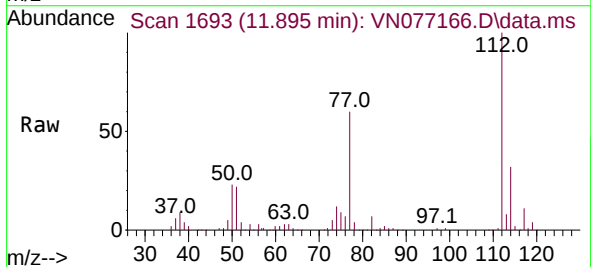
Manual Integrations
APPROVED

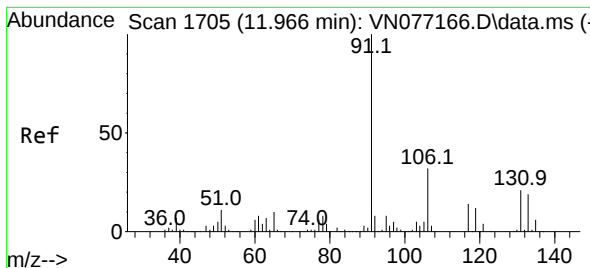
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#64
Chlorobenzene
Concen: 19.331 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion:112 Resp: 249127
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7





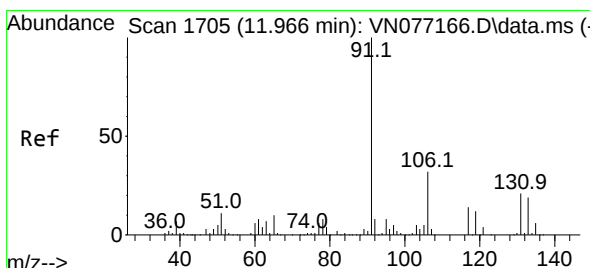
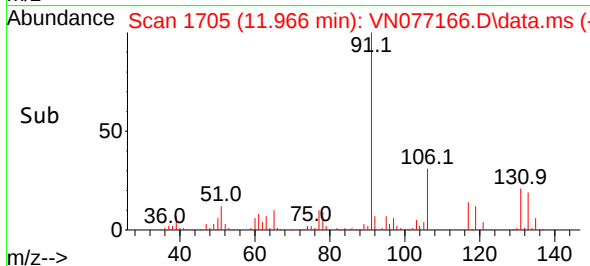
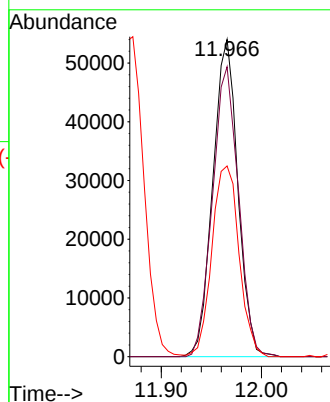
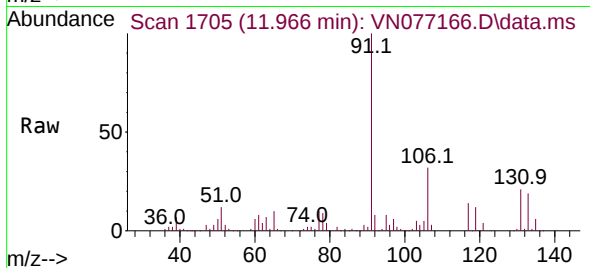
#65
1,1,1,2-Tetrachloroethane
Concen: 19.297 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 93659
Ion Ratio Lower Upper
131 100
133 95.1 0.0 197.6
119 65.2 0.0 127.8

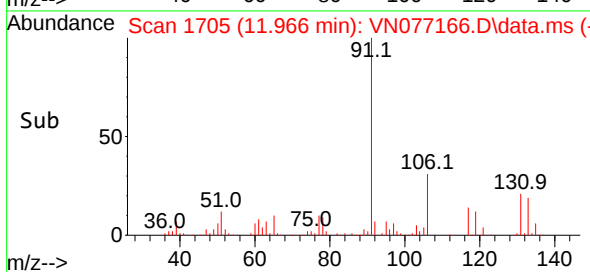
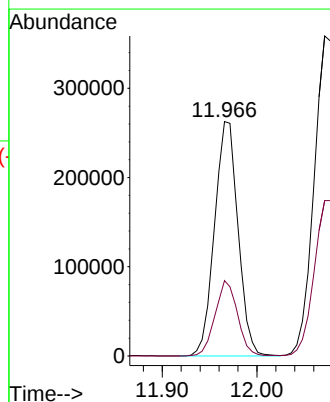
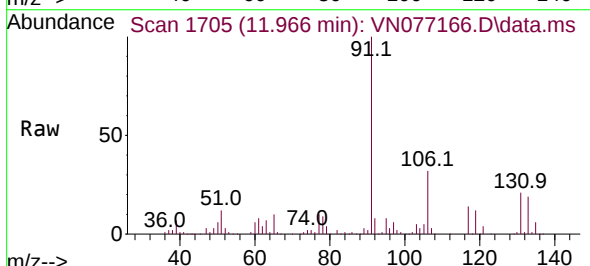
Manual Integrations
APPROVED

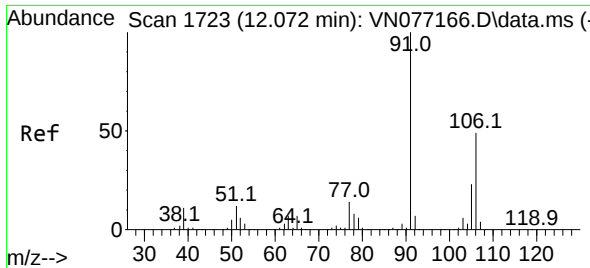
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
Ethyl Benzene
Concen: 19.150 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 91 Resp: 453712
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.8





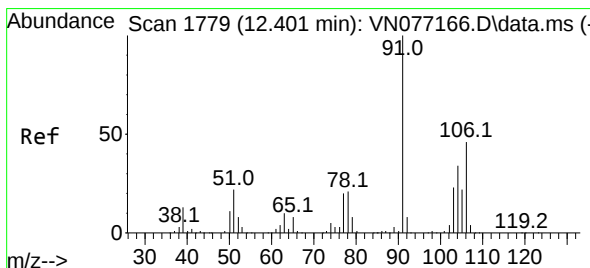
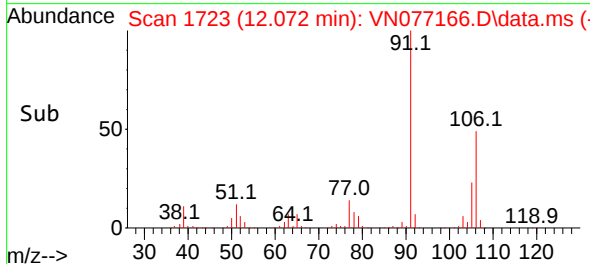
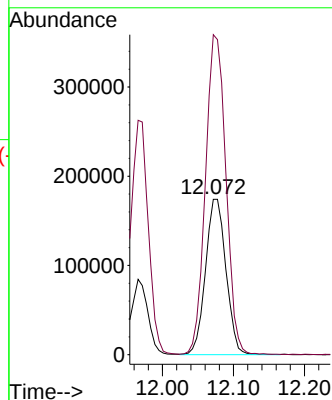
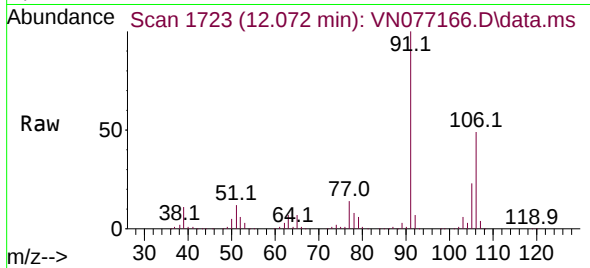
#67
m/p-Xylenes
Concen: 38.960 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 349479
Ion Ratio Lower Upper
106 100
91 204.5 157.4 236.2

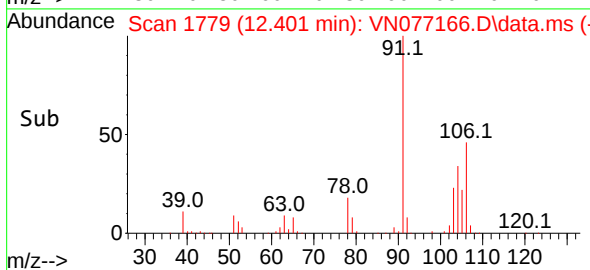
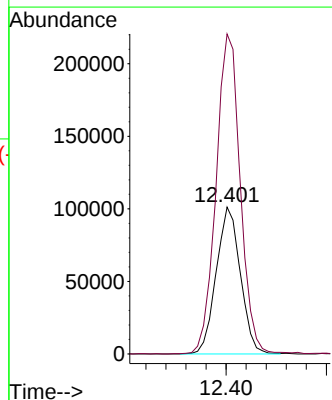
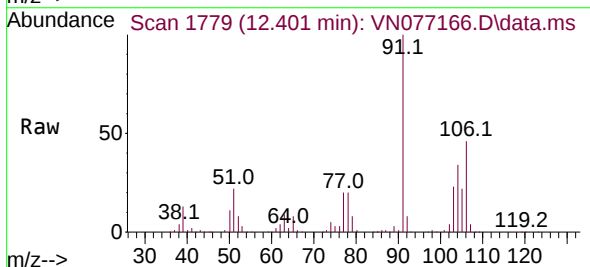
Manual Integrations
APPROVED

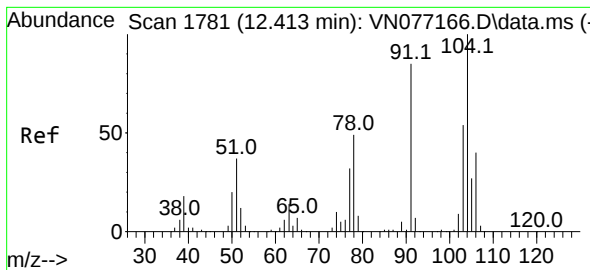
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 19.303 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion:106 Resp: 169158
Ion Ratio Lower Upper
106 100
91 218.7 107.2 321.6





#69

Styrene

Concen: 19.070 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

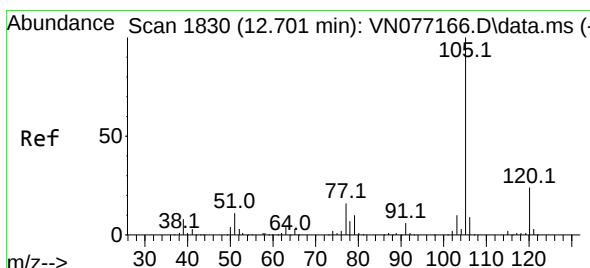
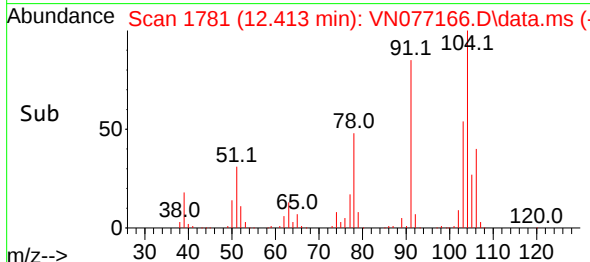
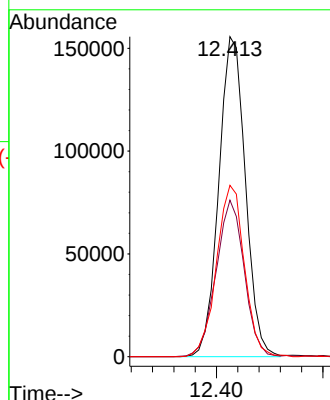
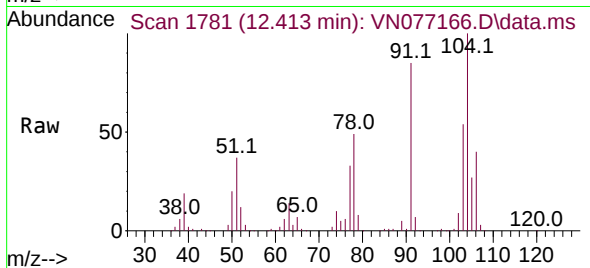
Tgt Ion:104 Resp: 269544
 Ion Ratio Lower Upper
 104 100
 78 51.7 39.6 59.4
 103 55.8 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#70

Isopropylbenzene

Concen: 19.284 ug/l

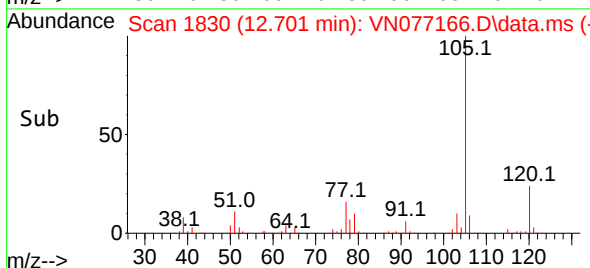
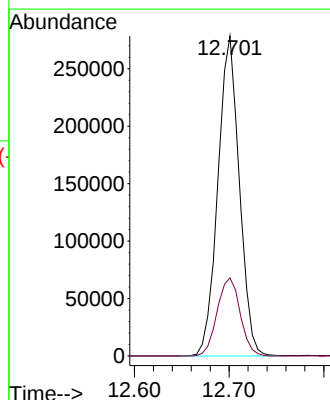
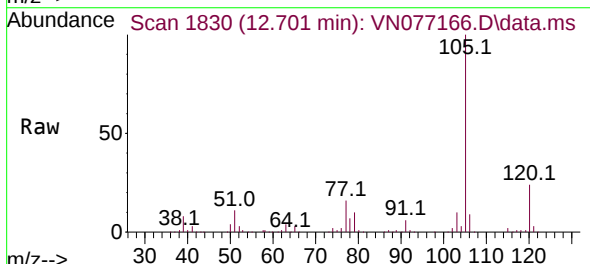
RT: 12.701 min Scan# 1830

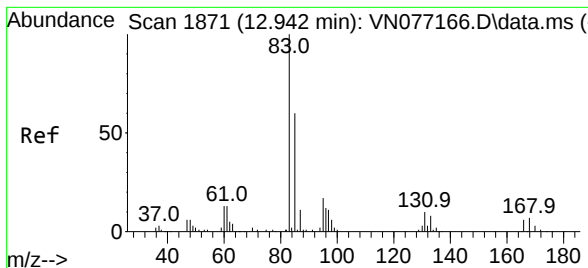
Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Tgt Ion:105 Resp: 438998
 Ion Ratio Lower Upper
 105 100
 120 26.1 19.0 35.2





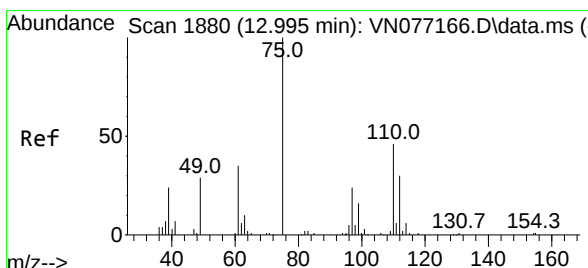
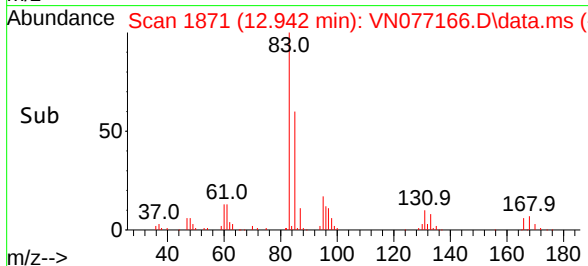
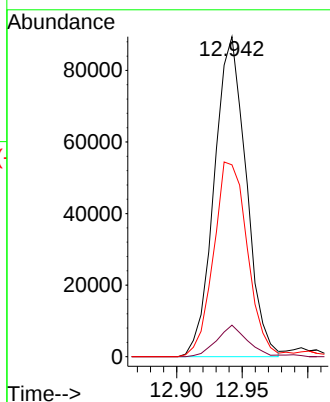
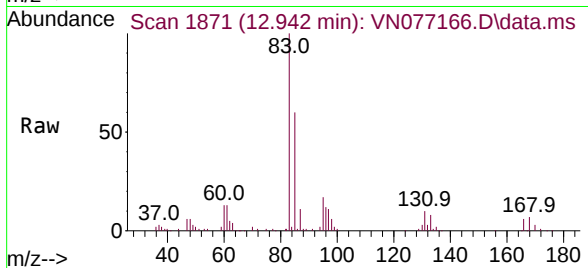
#71
1,1,2,2-Tetrachloroethane
Concen: 21.350 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 15108
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 64.4 32.3 96.9

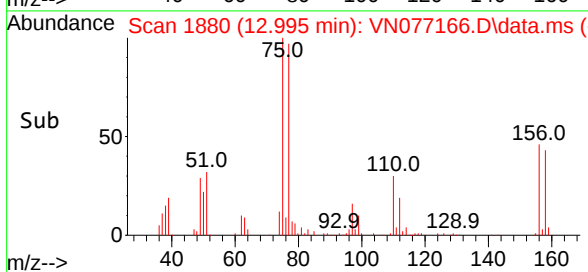
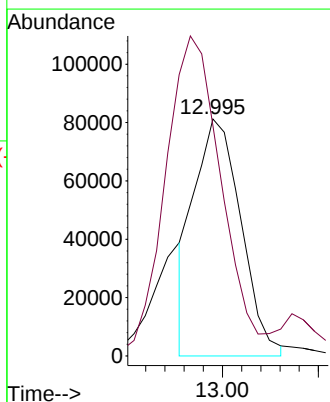
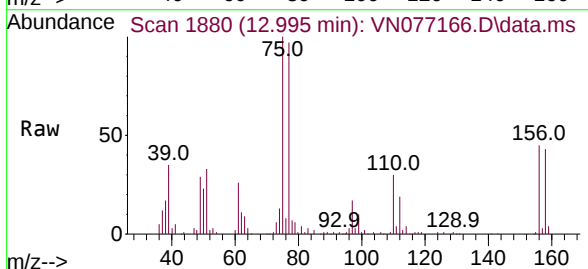
Manual Integrations
APPROVED

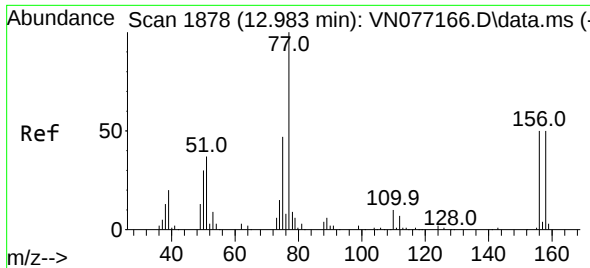
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#72
1,2,3-Trichloropropane
Concen: 21.177 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

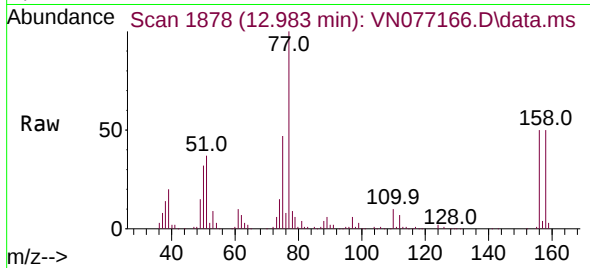
Tgt Ion: 75 Resp: 137832
Ion Ratio Lower Upper
75 100
77 160.3 0.0 332.6





#73
Bromobenzene
Concen: 19.143 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

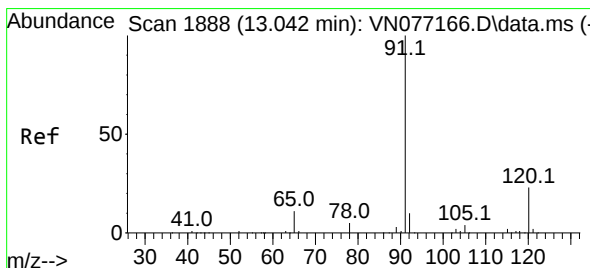
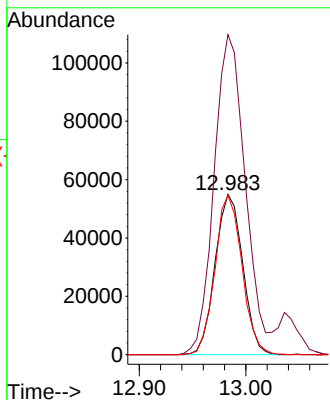
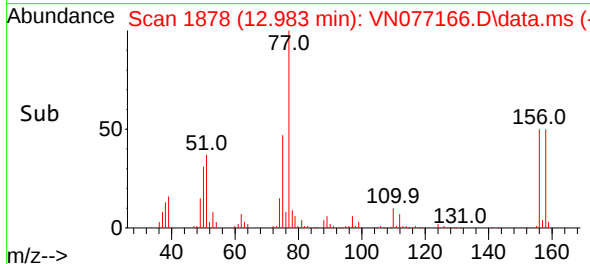
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



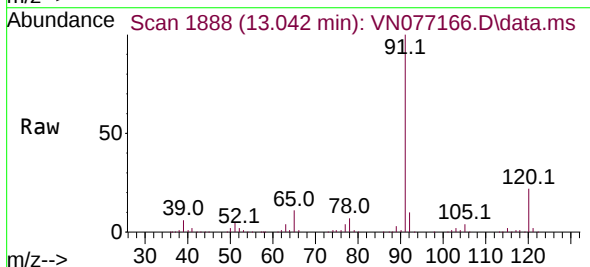
Tgt Ion:156 Resp: 9878
Ion Ratio Lower Upper
156 100
77 223.7 0.0 423.0
158 97.5 0.0 188.6

Manual Integrations
APPROVED

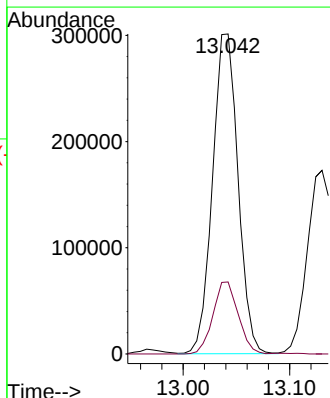
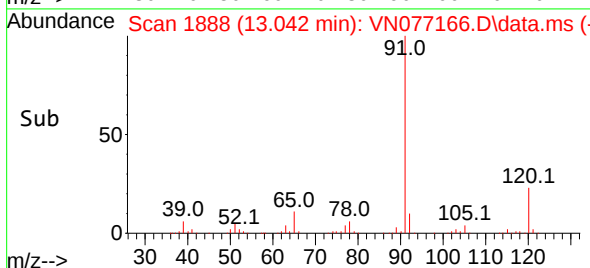
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

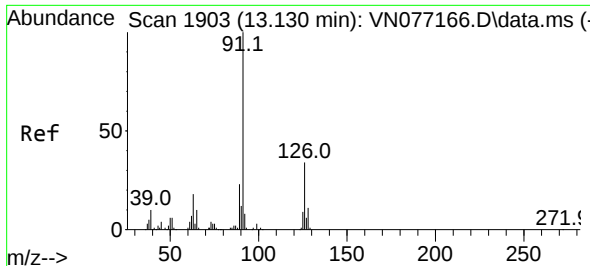


#74
n-propylbenzene
Concen: 18.748 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion: 91 Resp: 500553
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0





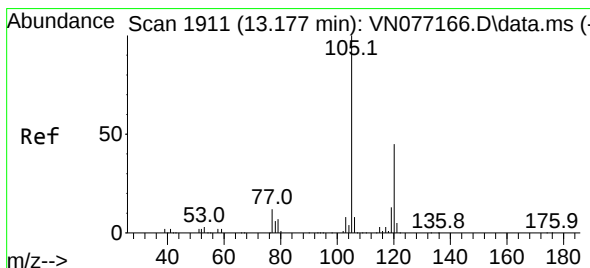
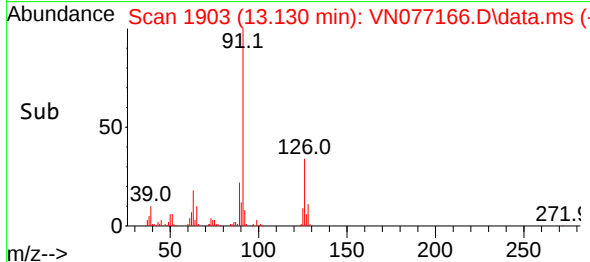
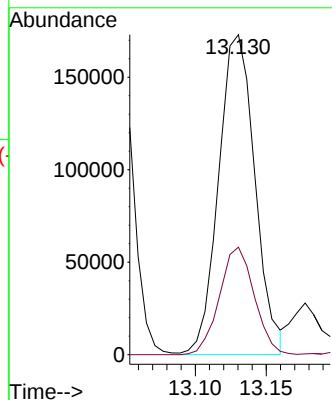
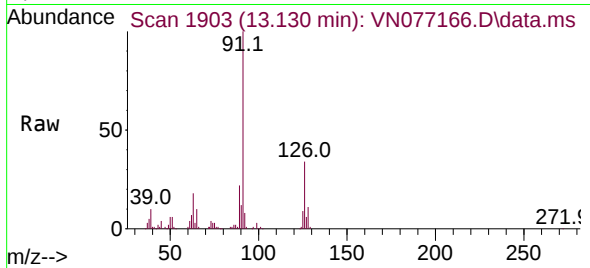
#75
2-Chlorotoluene
Concen: 18.624 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 307704
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.4

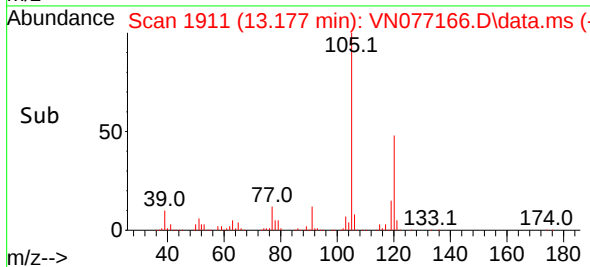
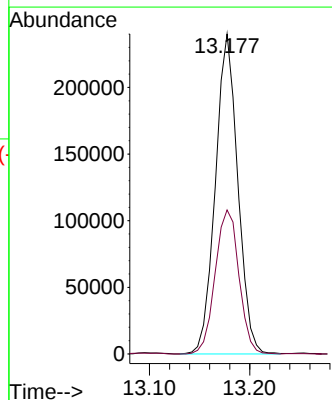
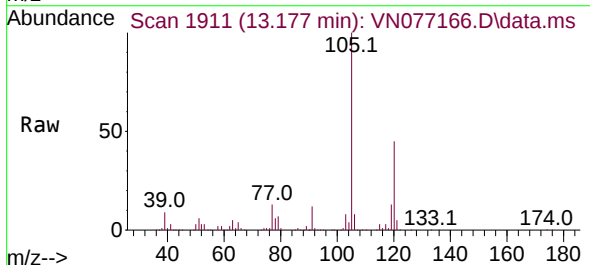
Manual Integrations
APPROVED

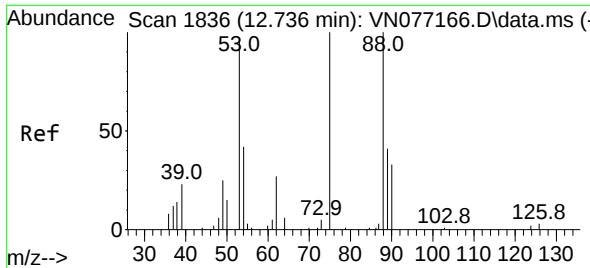
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.004 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion:105 Resp: 373149
Ion Ratio Lower Upper
105 100
120 47.6 0.0 103.2





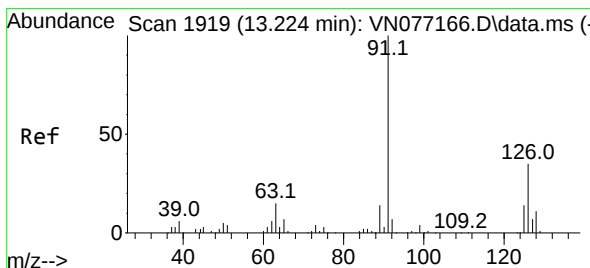
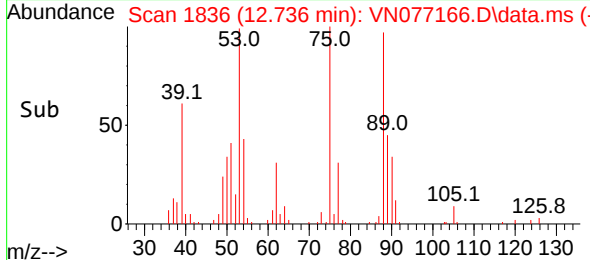
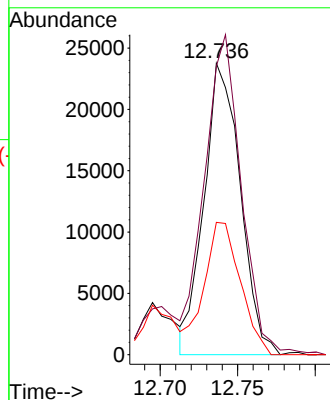
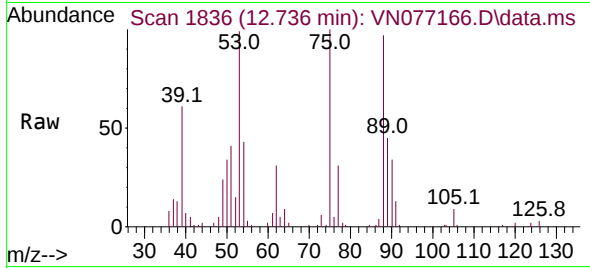
#77
t-1,4-Dichloro-2-butene
Concen: 19.909 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 38659
Ion Ratio Lower Upper
75 100
53 97.3 50.4 151.3
89 45.4 22.1 66.5

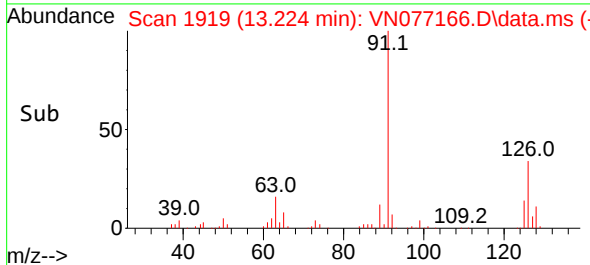
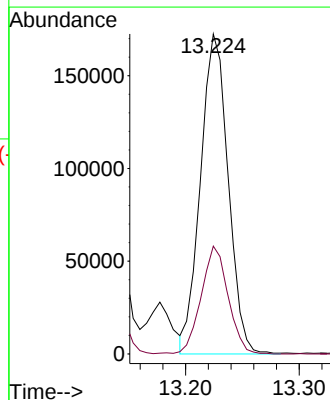
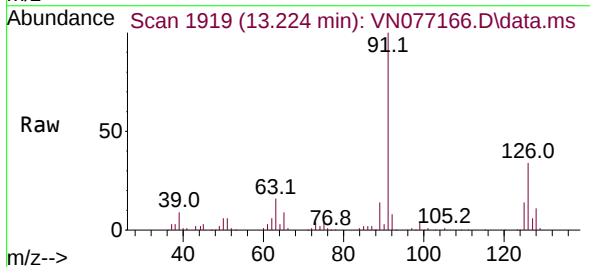
Manual Integrations
APPROVED

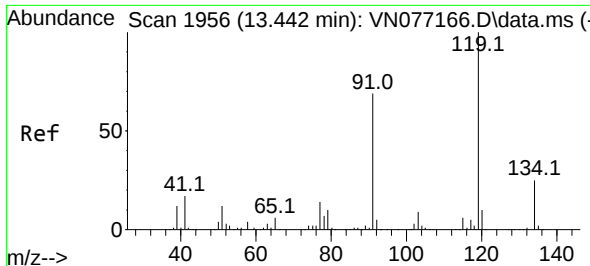
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#78
4-Chlorotoluene
Concen: 18.373 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Tgt Ion: 91 Resp: 292091
Ion Ratio Lower Upper
91 100
126 32.7 0.0 70.6





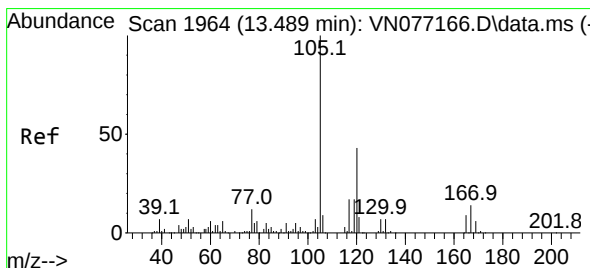
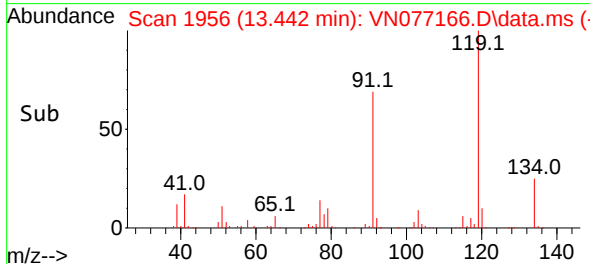
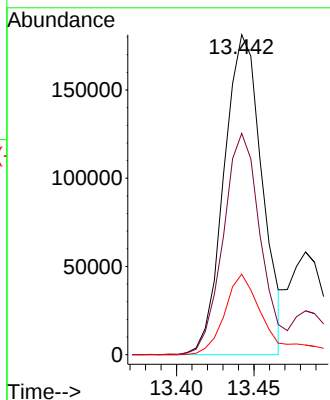
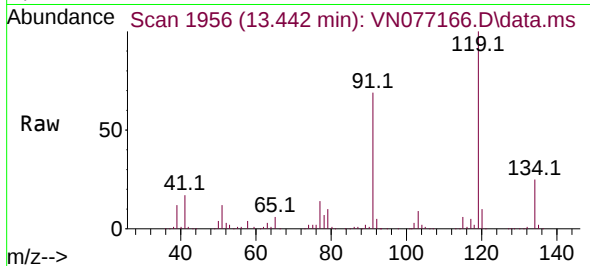
#79
tert-butylbenzene
Concen: 18.853 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 310059
Ion Ratio Lower Upper
119 100
91 68.5 0.0 129.6
134 23.7 0.0 47.8

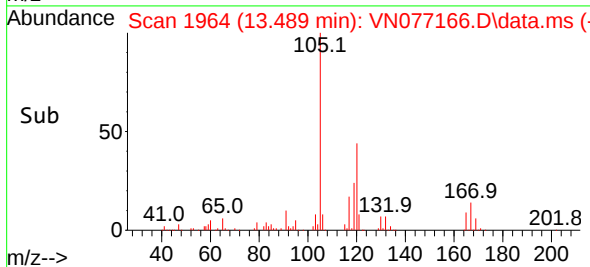
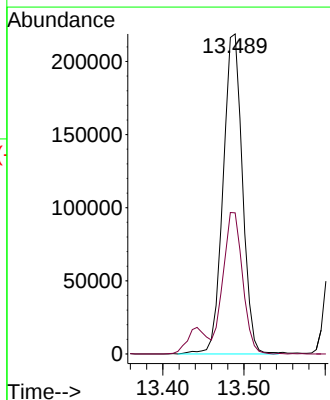
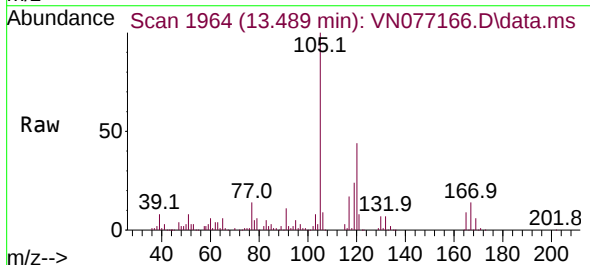
Manual Integrations
APPROVED

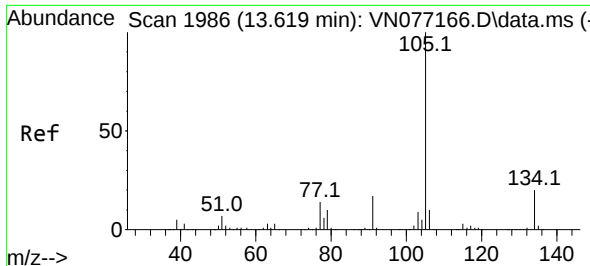
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.842 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

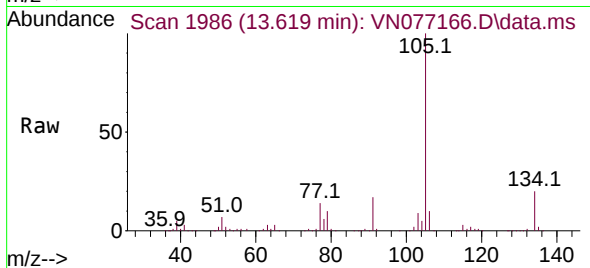
Tgt Ion:105 Resp: 362075
Ion Ratio Lower Upper
105 100
120 44.5 0.0 93.2





#81
sec-Butylbenzene
Concen: 18.721 ug/l
RT: 13.619 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

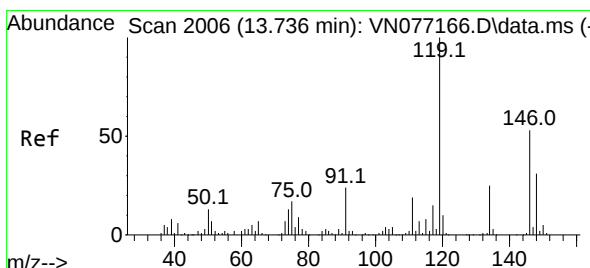
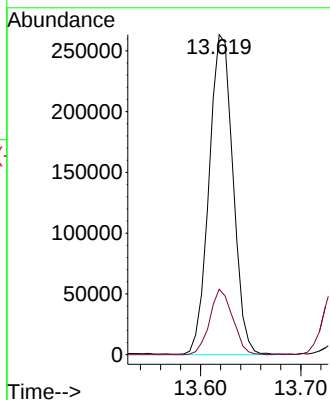
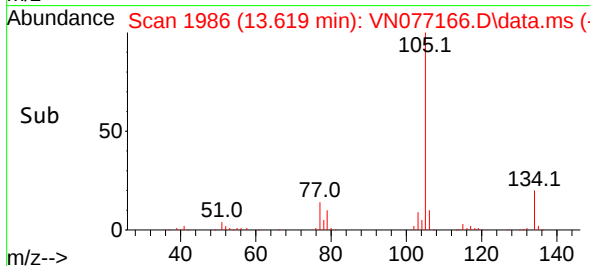
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



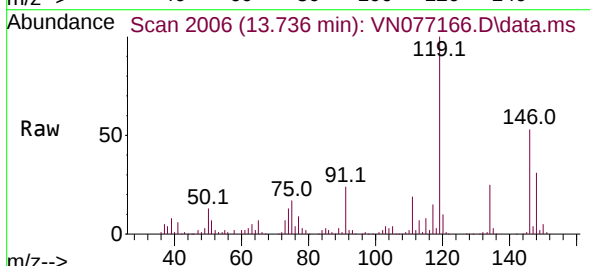
Tgt Ion:105 Resp: 437915
Ion Ratio Lower Upper
105 100
134 19.6 0.0 39.4

Manual Integrations
APPROVED

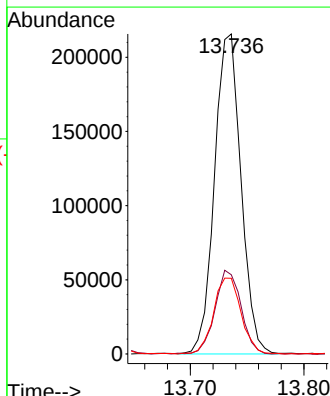
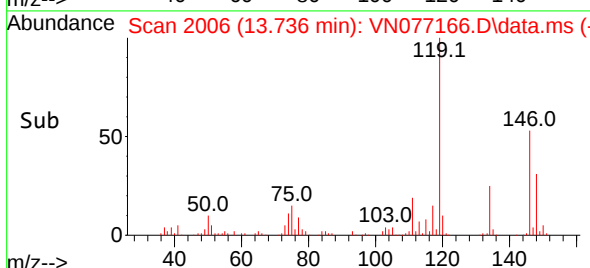
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

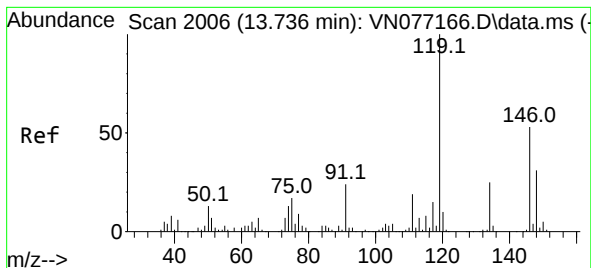


#82
p-Isopropyltoluene
Concen: 18.556 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion:119 Resp: 349373
Ion Ratio Lower Upper
119 100
134 25.6 0.0 53.4
91 24.7 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 19.148 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:146 Resp: 182260

Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.8

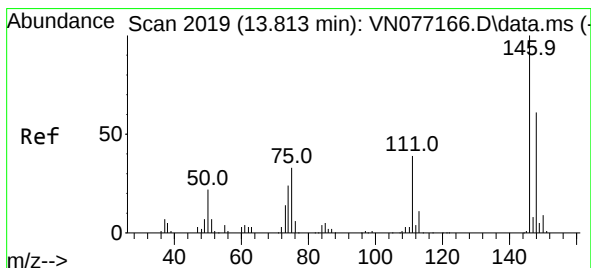
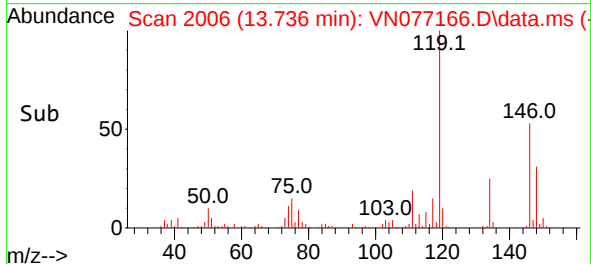
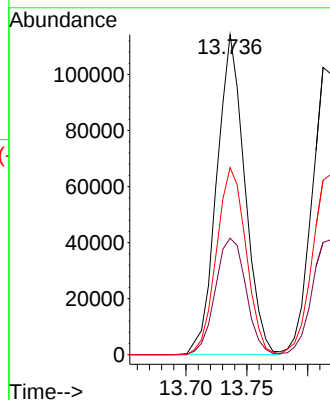
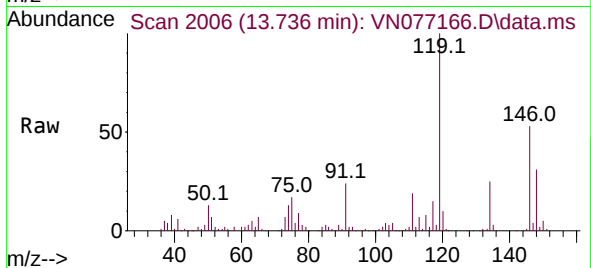
148 61.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#84

1,4-Dichlorobenzene

Concen: 18.694 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VN077166.D

Acq: 23 Mar 2023 22:58

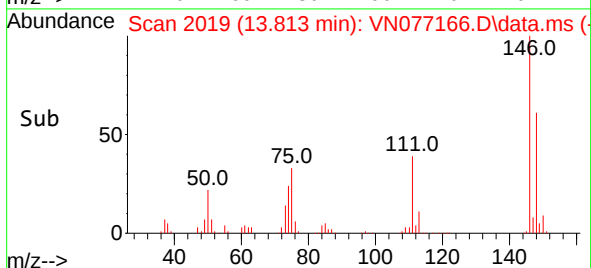
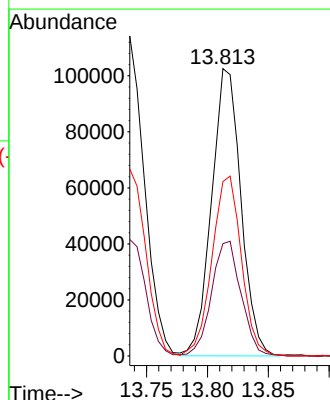
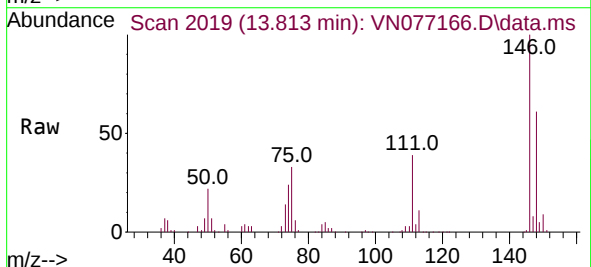
Tgt Ion:146 Resp: 172056

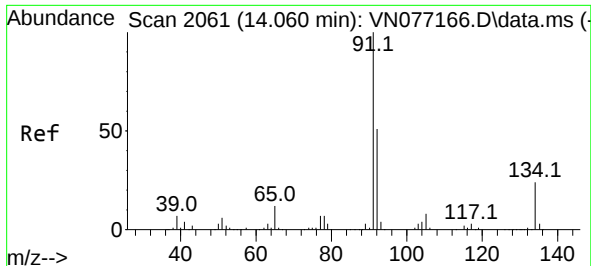
Ion Ratio Lower Upper

146 100

111 40.3 18.2 54.6

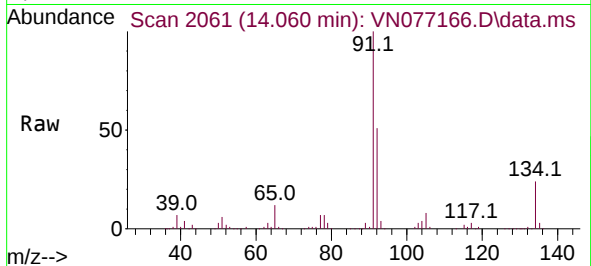
148 62.8 31.1 93.2





#85
n-Butylbenzene
Concen: 17.488 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

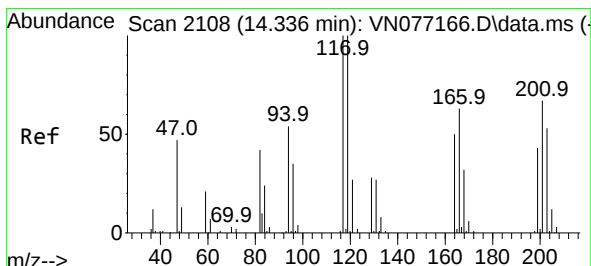
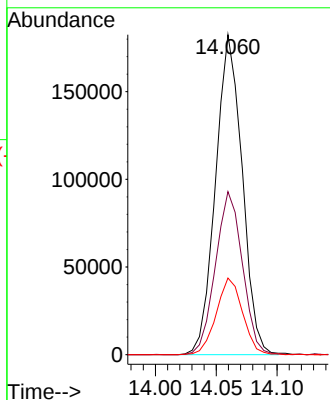
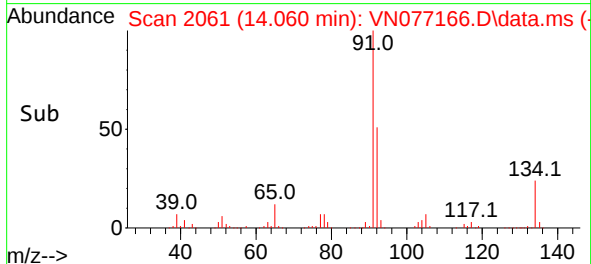
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 277460
Ion Ratio Lower Upper
91 100
92 51.7 0.0 103.2
134 23.7 0.0 50.0

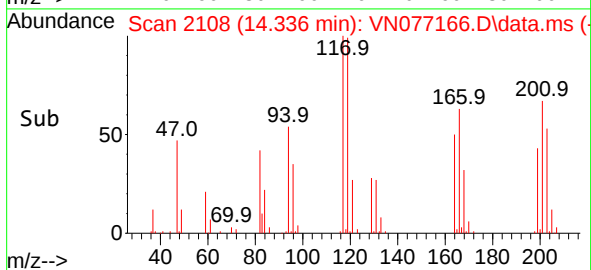
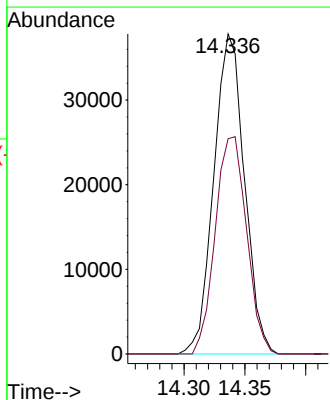
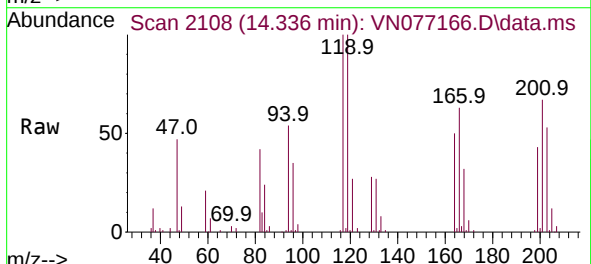
Manual Integrations
APPROVED

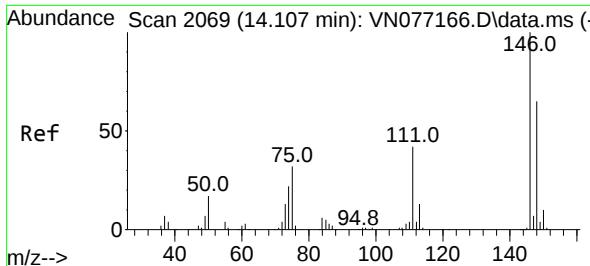
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#86
Hexachloroethane
Concen: 19.318 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

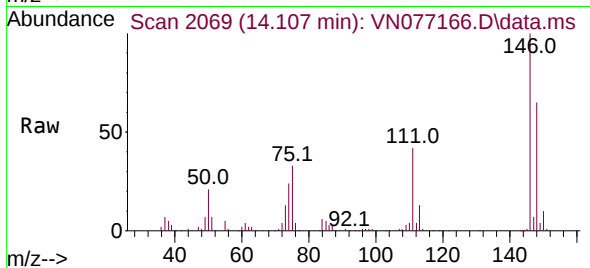
Tgt Ion:117 Resp: 66209
Ion Ratio Lower Upper
117 100
201 69.4 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 19.048 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

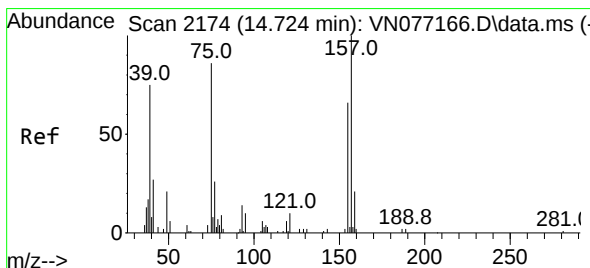
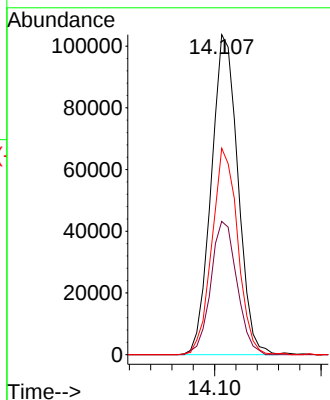
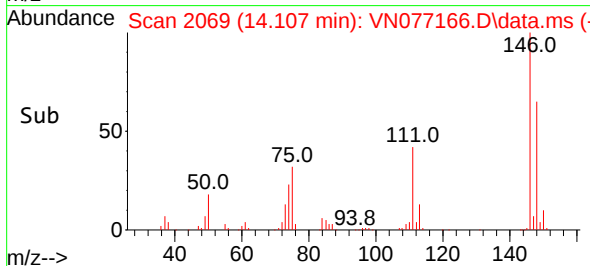
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



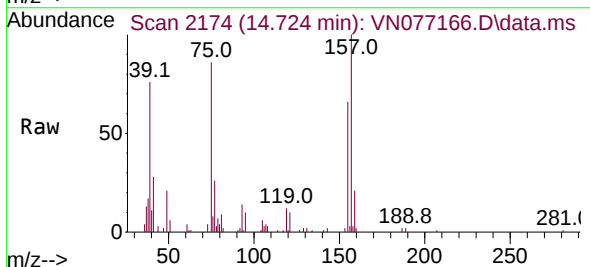
Tgt Ion:146 Resp: 180304
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 62.2 32.5 97.5

Manual Integrations
APPROVED

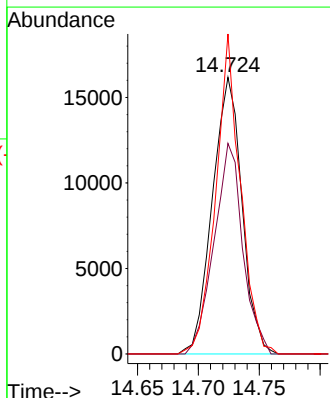
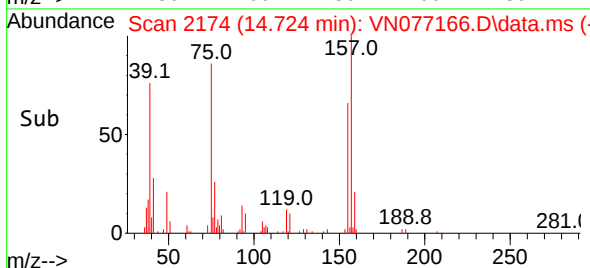
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

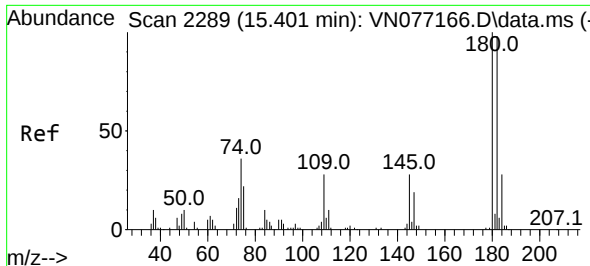


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.036 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



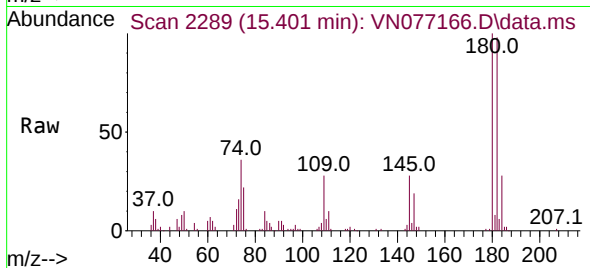
Tgt Ion: 75 Resp: 27358
Ion Ratio Lower Upper
75 100
155 73.8 62.5 93.7
157 96.7 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 14.791 ug/l
RT: 15.401 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

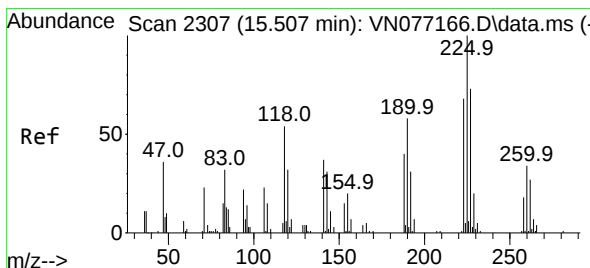
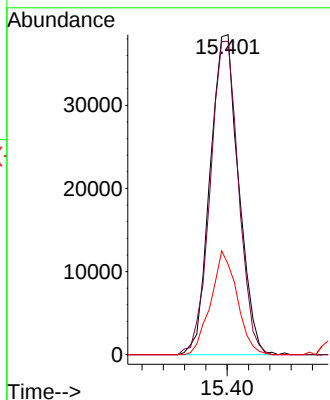
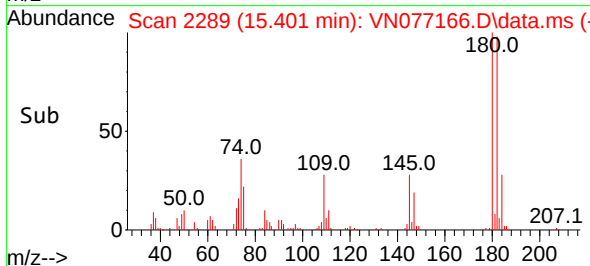
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:180 Resp: 7143
Ion Ratio Lower Upper
180 100
182 97.0 76.6 115.0
145 29.9 24.6 36.8

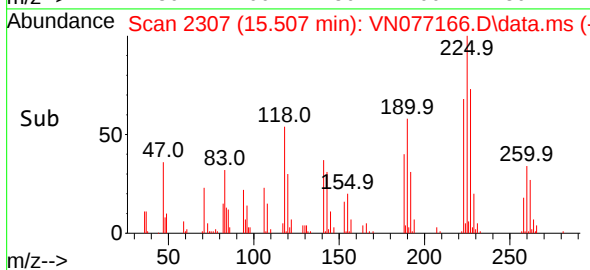
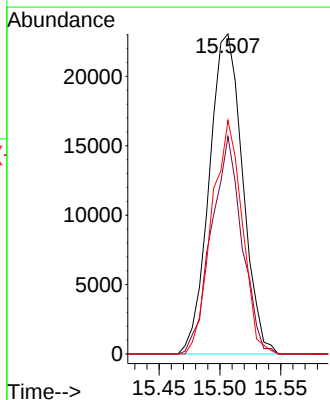
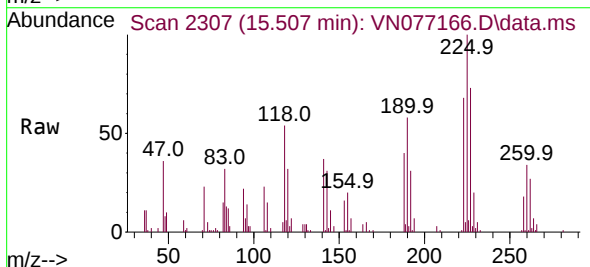
Manual Integrations
APPROVED

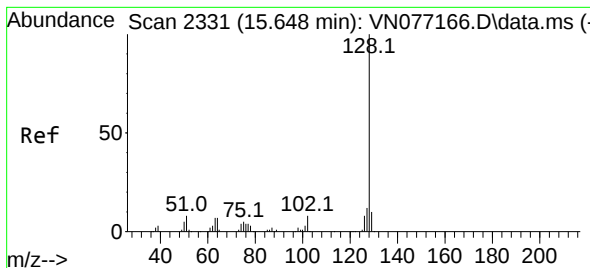
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachlorobutadiene
Concen: 16.900 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

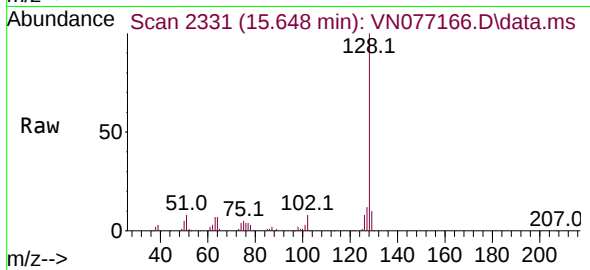
Tgt Ion:225 Resp: 43997
Ion Ratio Lower Upper
225 100
223 62.3 0.0 135.4
227 66.4 0.0 129.4





#91
Naphthalene
Concen: 15.264 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58

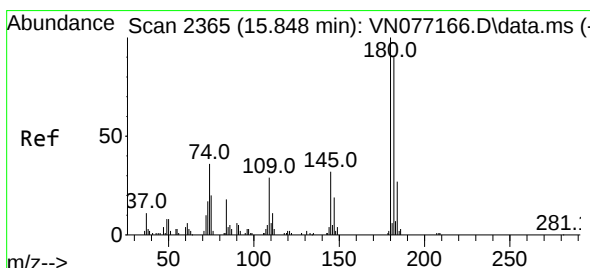
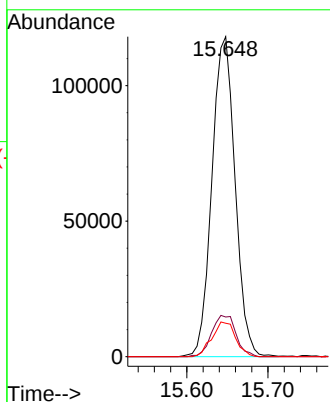
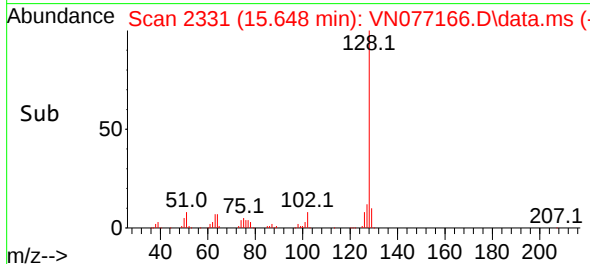
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



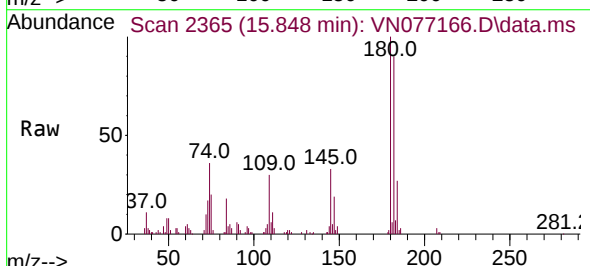
Tgt Ion:128 Resp: 234092
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.6
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.357 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.000 min
Lab File: VN077166.D
Acq: 23 Mar 2023 22:58



Tgt Ion:180 Resp: 74383
Ion Ratio Lower Upper
180 100
182 93.7 0.0 190.8
145 33.8 0.0 65.0

