

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077167.D
 Acq On : 23 Mar 2023 23:22
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Mar 24 04:57:26 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.819	128	44300	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	291986	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	329074	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	128345	30.802	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.667%			
60) 4-Bromofluorobenzene	12.854	95	181627	29.498	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.333%			
63) Toluene-d8	10.572	98	350170	30.059	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	152722	29.432	ug/l	100
3) Chloromethane	2.372	50	232646	43.414	ug/l	99
4) Vinyl Chloride	2.525	62	327105	64.130	ug/l	95
5) Bromomethane	2.949	94	205763	60.931	ug/l	83
6) Chloroethane	3.125	64	319190	95.333	ug/l	94
7) Trichlorofluoromethane	3.501	101	450218	49.635	ug/l	99
8) Diethyl Ether	3.972	74	157888	47.366	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	228071	45.198	ug/l	98
10) 1,1-Dichloroethene	4.354	96	220817	45.282	ug/l	95
11) Methyl Iodide	4.601	142	236061	41.704	ug/l	96
12) Methyl Acetate	5.037	43	488551	57.625	ug/l	96
13) Acrolein	4.195	56	328580	265.896	ug/l	99
14) Acrylonitrile	5.731	53	726428	264.335	ug/l	98
15) Acetone	4.443	58	188428	254.766	ug/l	98
16) Carbon Disulfide	4.719	76	618337	45.819	ug/l	96
17) Allyl chloride	5.037	41	385615	51.475	ug/l	90
18) Methylene Chloride	5.284	84	269458	46.561	ug/l	92
19) trans-1,2-Dichloroethene	5.795	96	238477	46.416	ug/l	95
20) Diisopropyl ether	6.684	45	885683	52.117	ug/l	94
21) 1,1-Dichloroethane	6.578	63	487610	48.728	ug/l	96
22) cis-1,2-Dichloroethene	7.495	96	278772	47.080	ug/l	98
23) tert-Butyl Alcohol	5.531	59	246744	301.258	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	789243	49.164	ug/l	100
25) Chloroform	7.972	83	487406	47.540	ug/l	97
26) Cyclohexane	8.266	56	426965	47.624	ug/l #	97
29) 1,1-Dichloropropene	8.378	75	362987	51.414	ug/l	98
30) 2-Butanone	7.489	43	1046818	307.668	ug/l	98
31) 2,2-Dichloropropane	7.495	77	326040	47.360	ug/l #	62
32) 1,1,1-Trichloroethane	8.172	97	425381	51.424	ug/l	98
33) Carbon Tetrachloride	8.372	117	358539	49.310	ug/l	95
34) Benzene	8.613	78	1078919	49.794	ug/l	97
35) Methacrylonitrile	7.789	41	224920	59.034	ug/l	98
36) 1,2-Dichloroethane	8.678	62	400508	53.885	ug/l	98
37) Trichloroethene	9.360	130	244133	46.591	ug/l	95
38) Methylcyclohexane	9.607	83	435500	50.509	ug/l	98
39) 1,2-Dichloropropane	9.625	63	290717	51.916	ug/l	97
40) Dibromomethane	9.713	93	185419	51.872	ug/l	96
41) Bromodichloromethane	9.895	83	379256	51.922	ug/l	98
42) Vinyl Acetate	6.613	43	3116027	299.423	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	416315	61.012	ug/l	99
44) Isopropyl Acetate	8.695	43	661986	59.995	ug/l	99
45) 1,4-Dioxane	9.701	88	112207	1201.647	ug/l	94
46) Methyl methacrylate	9.683	41	321096	60.118	ug/l	97
47) n-amyl Acetate	12.495	43	576047	64.526	ug/l	97
48) t-1,3-Dichloropropene	10.836	75	392207	53.821	ug/l	98
49) cis-1,3-Dichloropropene	10.319	75	429402	52.166	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	263369	50.437	ug/l	97
51) Ethyl methacrylate	10.877	69	422605	55.335	ug/l	95
52) 1,3-Dichloropropane	11.166	76	470081	52.291	ug/l	100
53) Dibromochloromethane	11.360	129	276135	52.208	ug/l	98
54) 1,2-Dibromoethane	11.471	107	258479	51.454	ug/l	99
55) 2-Chloroethyl vinyl ether	10.166	63	871731	313.040	ug/l	98
56) Bromoform	12.583	173	195997	55.593	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	2157474	301.696	ug/l	97
59) 2-Hexanone	11.201	43	1595227	312.436	ug/l	98
61) Tetrachloroethene	11.107	164	211392	41.686	ug/l	96
62) Toluene	10.636	91	1153846	49.804	ug/l	99
64) Chlorobenzene	11.895	112	689117	50.664	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.966	131	254075	49.600	ug/l	97
66) Ethyl Benzene	11.966	91	1294784	51.781	ug/l	97
67) m/p-Xylenes	12.077	106	997600	105.373	ug/l	95
68) o-Xylene	12.401	106	486528	52.604	ug/l	98
69) Styrene	12.413	104	797732	53.477	ug/l	99
70) Isopropylbenzene	12.701	105	1279803	53.267	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	409836	54.872	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	364345m	53.040	ug/l	
73) Bromobenzene	12.983	156	282543	51.877	ug/l	94
74) n-propylbenzene	13.042	91	1498584	53.181	ug/l	100
75) 2-Chlorotoluene	13.130	91	886823	50.856	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	1082914	52.255	ug/l	95
77) t-1,4-Dichloro-2-butene	12.742	75	118117	57.635	ug/l	99
78) 4-Chlorotoluene	13.224	91	857252	51.091	ug/l	96
79) tert-butylbenzene	13.442	119	912275	52.558	ug/l	96
80) 1,2,4-Trimethylbenzene	13.489	105	1070934	52.805	ug/l	97
81) sec-Butylbenzene	13.618	105	1330897	53.910	ug/l	99
82) p-Isopropyltoluene	13.736	119	1079230	54.312	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	531447	52.901	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	508050	52.303	ug/l	96
85) n-Butylbenzene	14.060	91	917873	54.816	ug/l	98
86) Hexachloroethane	14.336	117	194247	53.699	ug/l	95
87) 1,2-Dichlorobenzene	14.112	146	520566	52.109	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	79425	55.116	ug/l	98
89) 1,2,4-Trichlorobenzene	15.395	180	252755	49.587	ug/l	96
90) Hexachlorobutadiene	15.507	225	134888	49.094	ug/l	95
91) Naphthalene	15.642	128	854145	52.770	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	251209	49.143	ug/l	98

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

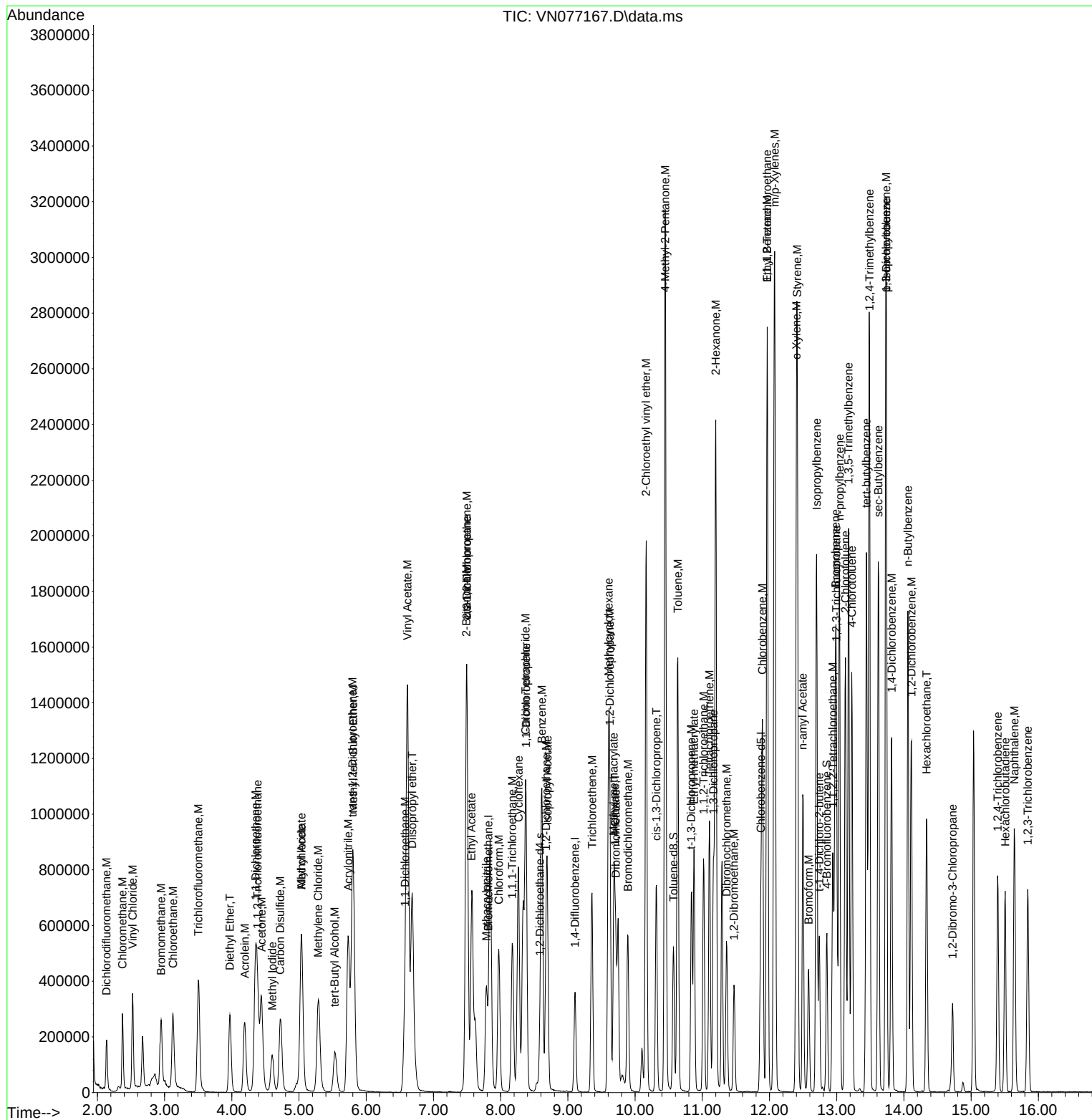
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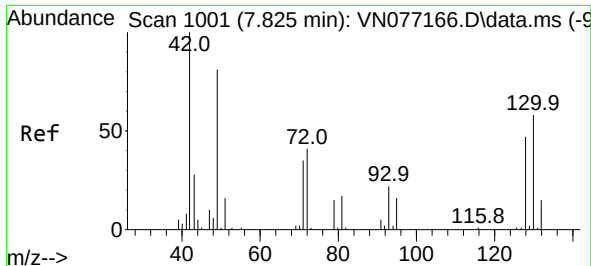
Instrument :
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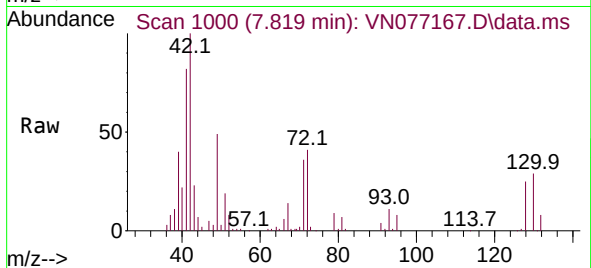
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

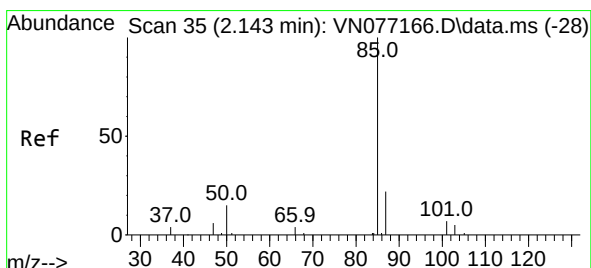
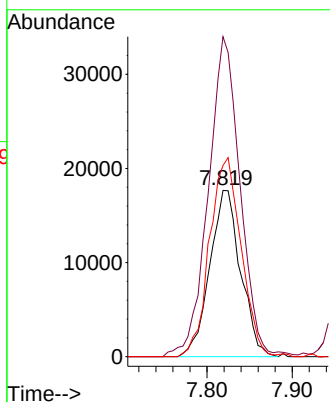
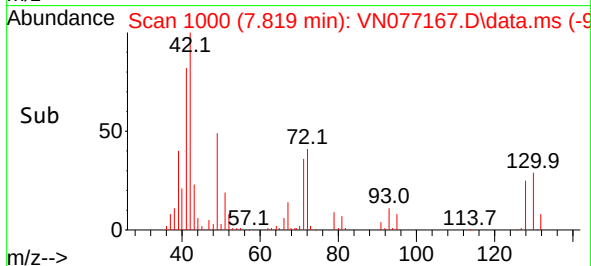
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:128 Resp: 44300
Ion Ratio Lower Upper
128 100
49 197.4 0.0 461.8
130 122.9 0.0 295.3

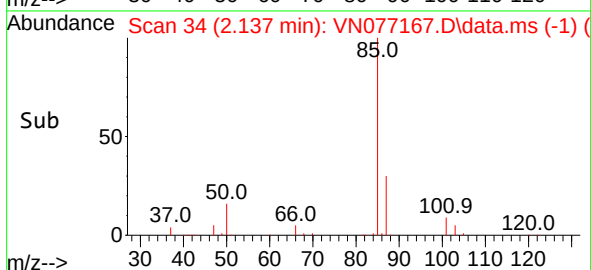
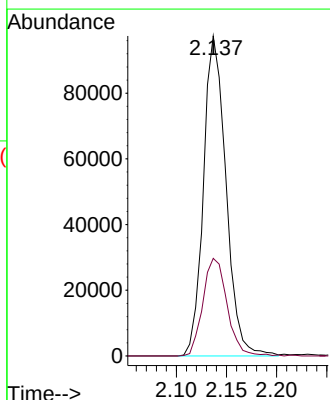
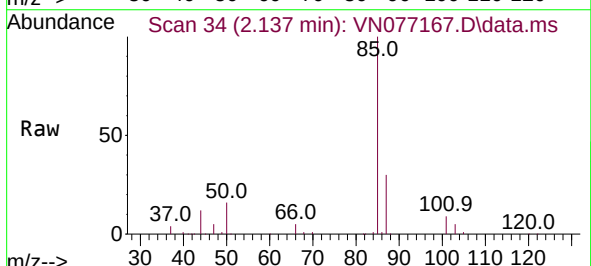
Manual Integrations
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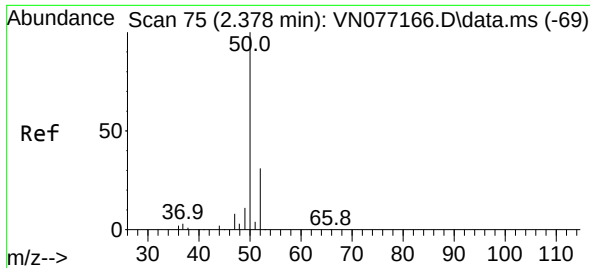
Reviewed By :Krupa Patel 03/24/2023
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#2
Dichlorodifluoromethane
Concen: 29.432 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

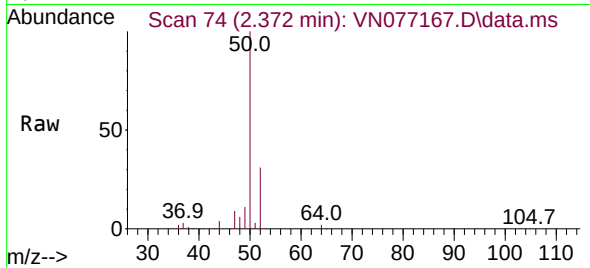
Tgt Ion: 85 Resp: 152722
Ion Ratio Lower Upper
85 100
87 30.5 15.4 46.1





#3
Chloromethane
Concen: 43.414 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

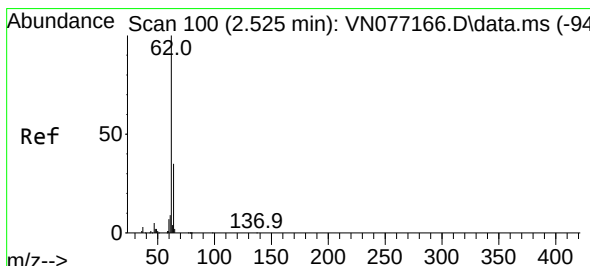
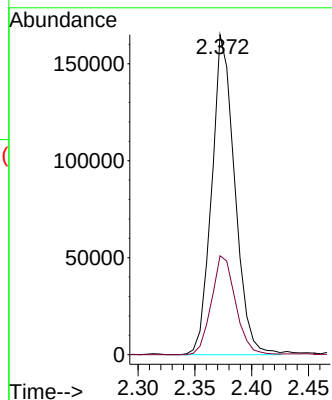
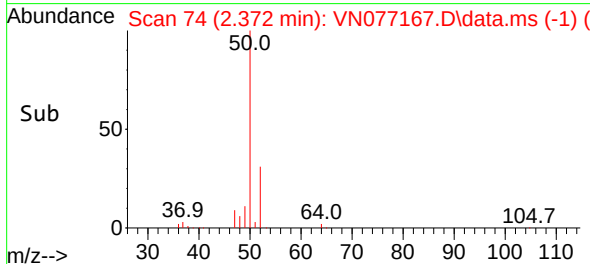
Instrument :
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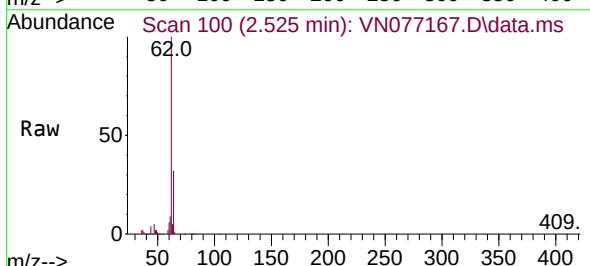
Tgt Ion: 50 Resp: 232640
Ion Ratio Lower Upper
50 100
52 30.9 25.3 37.9

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APPROVED

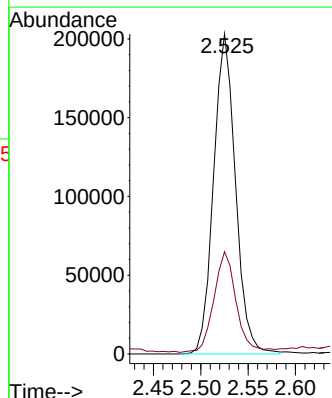
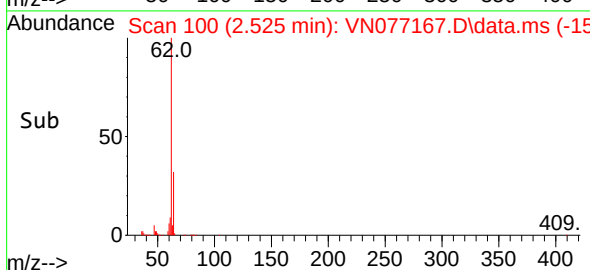
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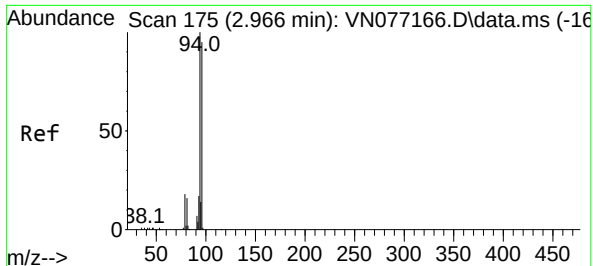


#4
Vinyl Chloride
Concen: 64.130 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



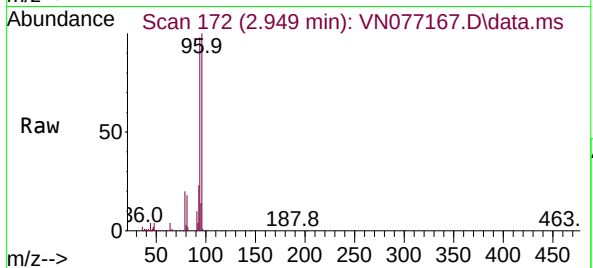
Tgt Ion: 62 Resp: 327105
Ion Ratio Lower Upper
62 100
64 31.4 23.1 34.7





#5
Bromomethane
Concen: 60.931 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

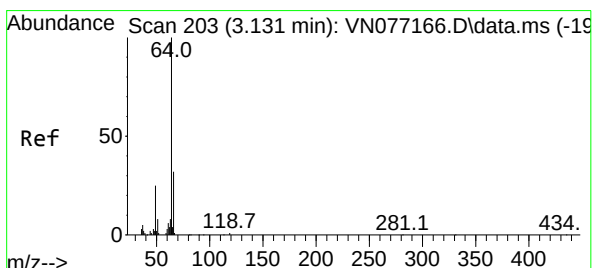
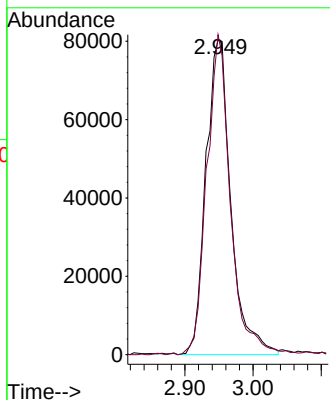
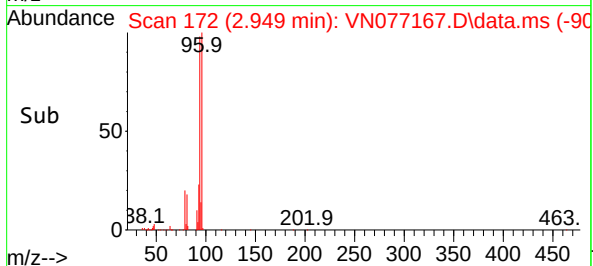
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



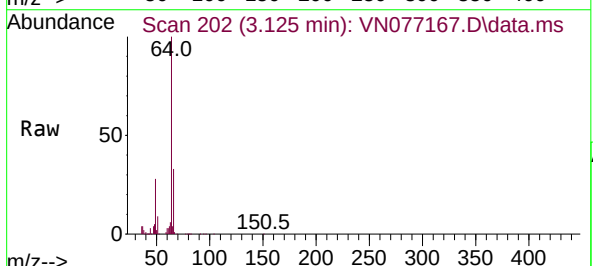
Tgt Ion: 94 Resp: 20576
Ion Ratio Lower Upper
94 100
96 101.8 68.6 103.0

Manual Integrations
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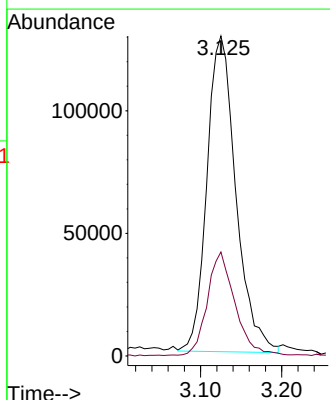
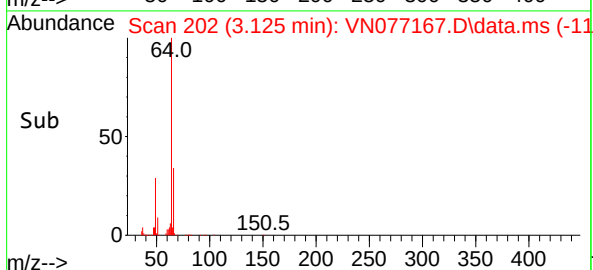
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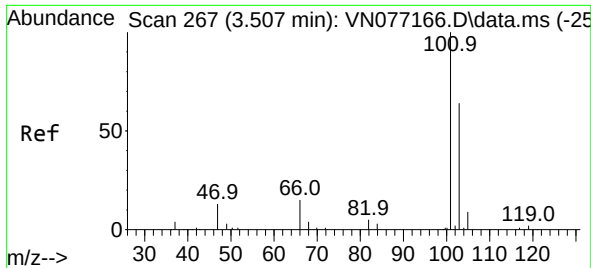


#6
Chloroethane
Concen: 95.333 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN077167.D
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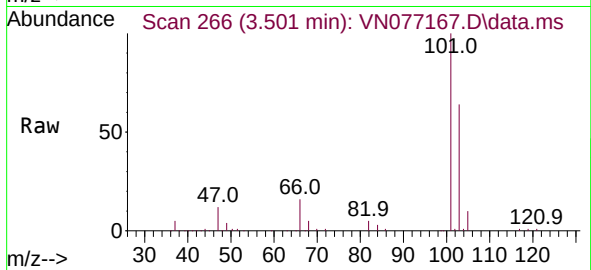
Tgt Ion: 64 Resp: 319190
Ion Ratio Lower Upper
64 100
66 32.9 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 49.635 ug/l
 RT: 3.501 min Scan# 267
 Delta R.T. -0.006 min
 Lab File: VN077167.D
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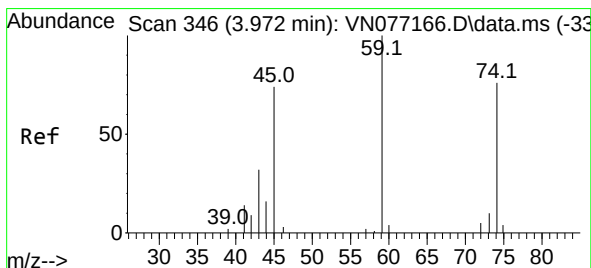
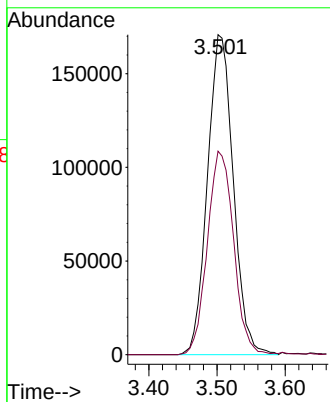
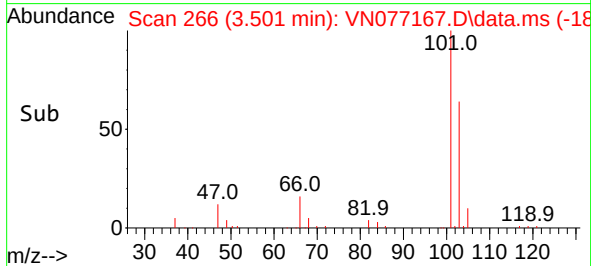
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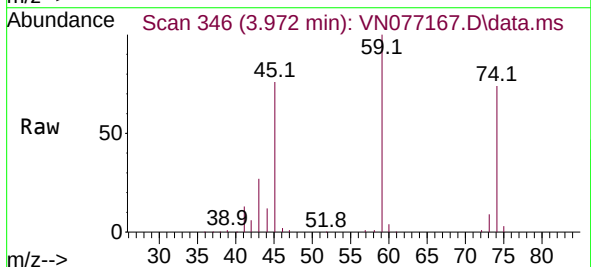
Tgt Ion:101 Resp: 450218
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.2 75.2

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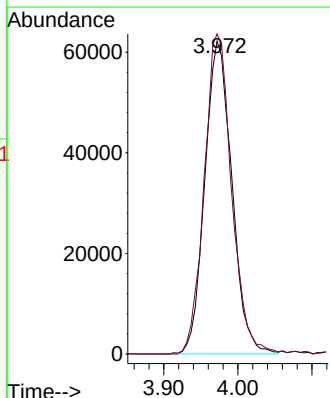
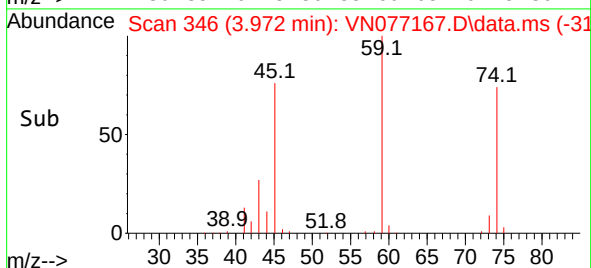
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

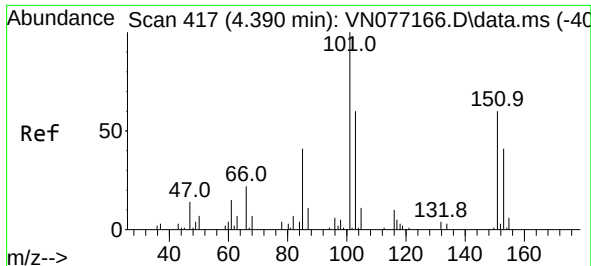


#8
 Diethyl Ether
 Concen: 47.366 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 157888
 Ion Ratio Lower Upper
 74 100
 45 103.8 21.4 193.0





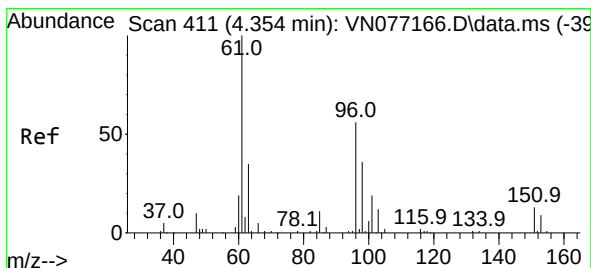
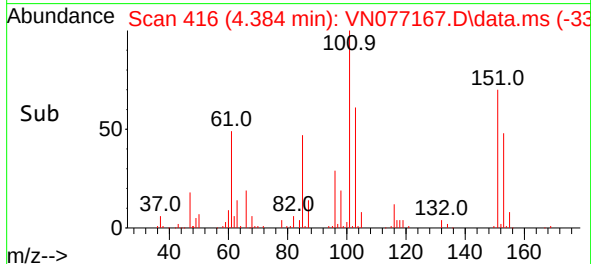
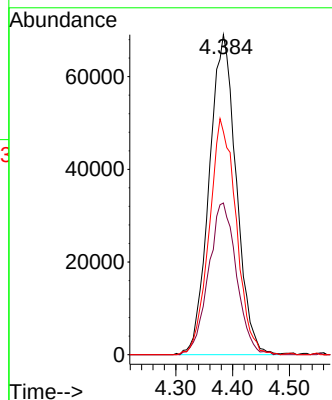
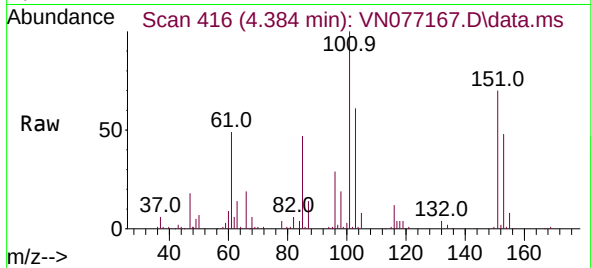
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.198 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

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ClientSampleId :
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Tgt Ion:101 Resp: 22807
Ion Ratio Lower Upper
101 100
85 48.6 0.0 95.2
151 73.6 0.0 142.2

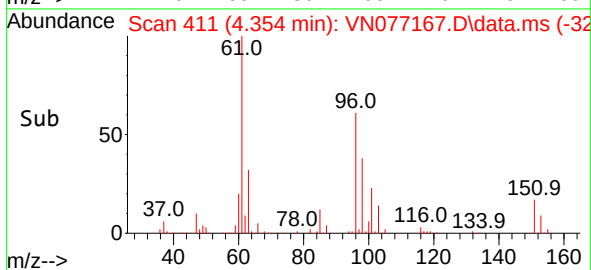
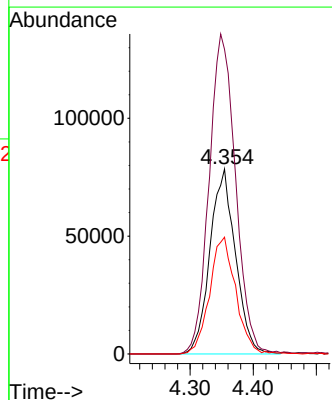
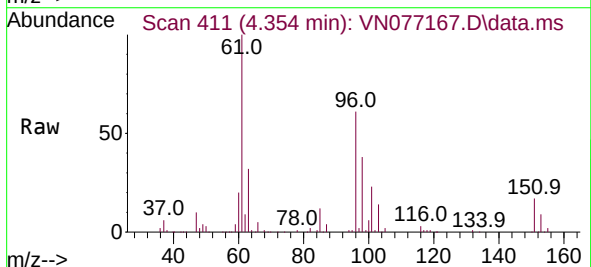
Manual Integrations
APPROVED

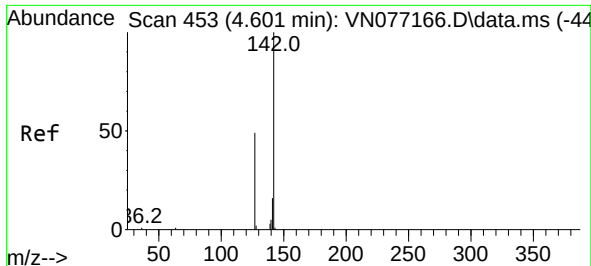
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 45.282 ug/l
RT: 4.354 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

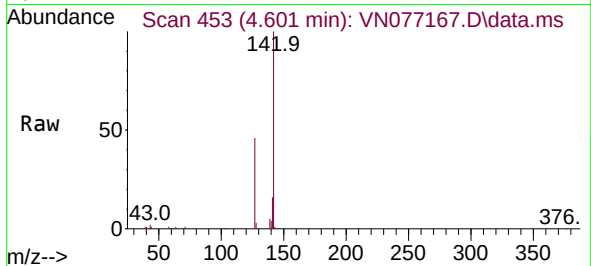
Tgt Ion: 96 Resp: 220817
Ion Ratio Lower Upper
96 100
61 164.5 137.1 205.7
98 63.1 53.2 79.8





#11
Methyl Iodide
Concen: 41.704 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

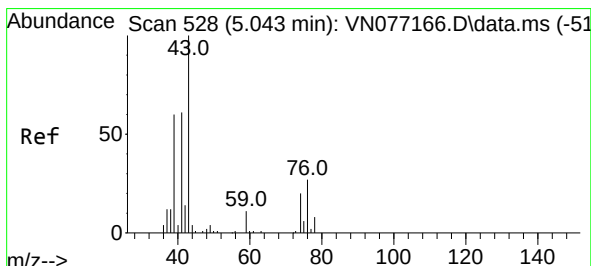
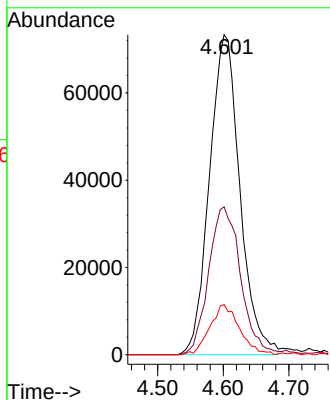
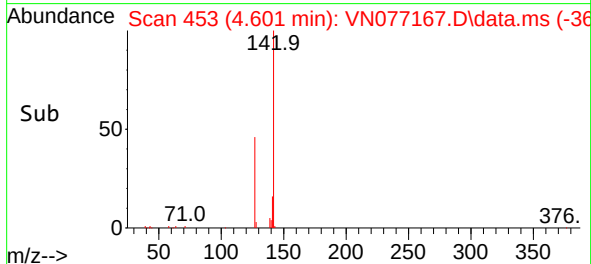
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:142 Resp: 23606
Ion Ratio Lower Upper
142 100
127 46.1 25.0 75.0
141 15.7 8.0 24.0

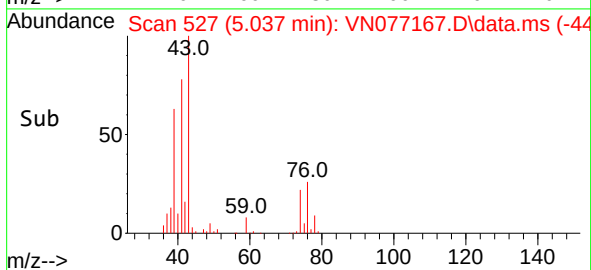
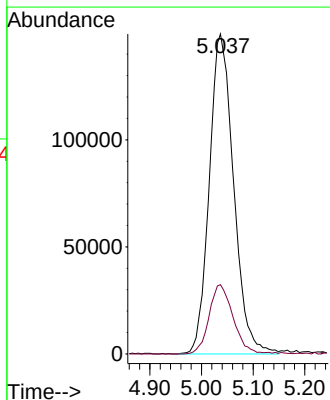
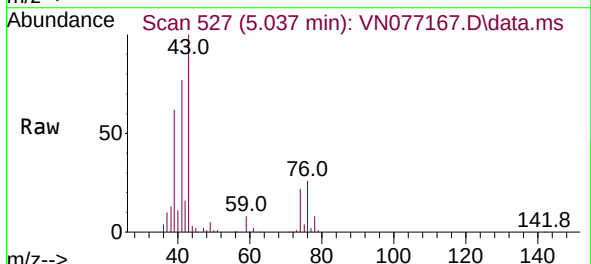
Manual Integrations
APPROVED

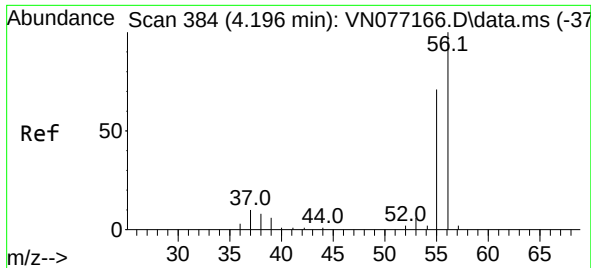
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
Methyl Acetate
Concen: 57.625 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

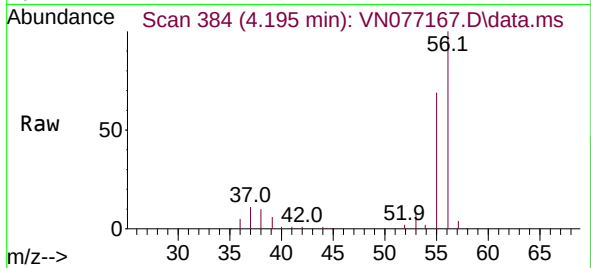
Tgt Ion: 43 Resp: 488551
Ion Ratio Lower Upper
43 100
74 21.6 19.0 28.4





#13
Acrolein
Concen: 265.896 ug/l
RT: 4.195 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

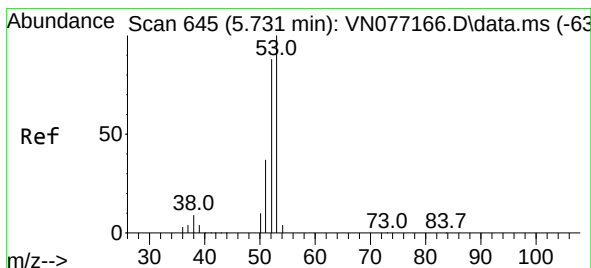
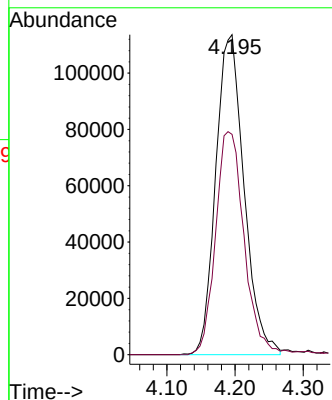
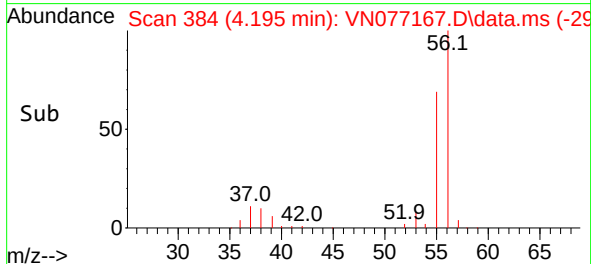
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 56 Resp: 328580
Ion Ratio Lower Upper
56 100
55 69.7 55.0 82.4

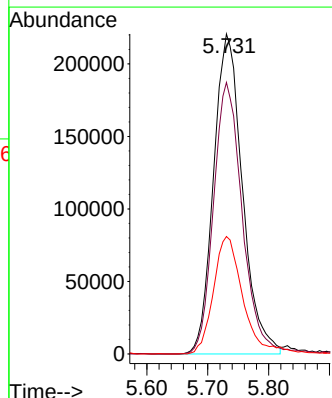
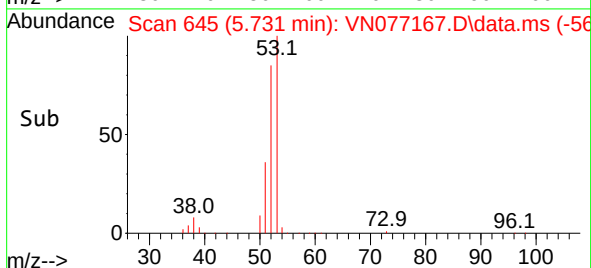
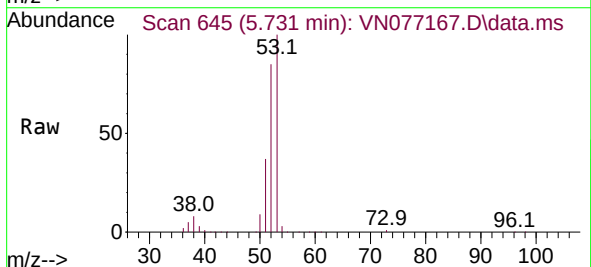
Manual Integrations
APPROVED

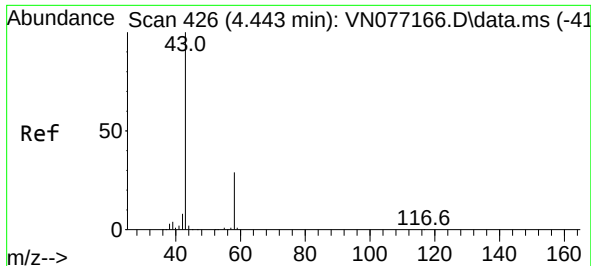
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#14
Acrylonitrile
Concen: 264.335 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

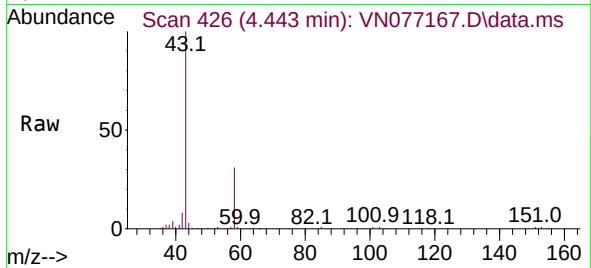
Tgt Ion: 53 Resp: 726428
Ion Ratio Lower Upper
53 100
52 84.2 41.5 124.6
51 37.4 17.6 52.8





#15
Acetone
Concen: 254.766 ug/l
RT: 4.443 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

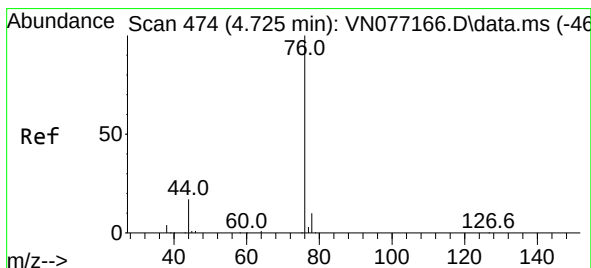
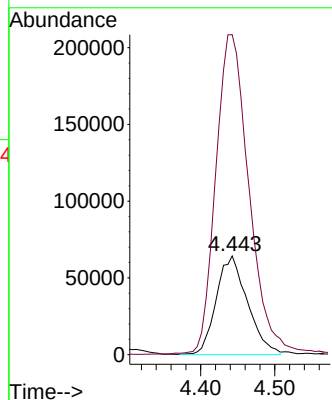
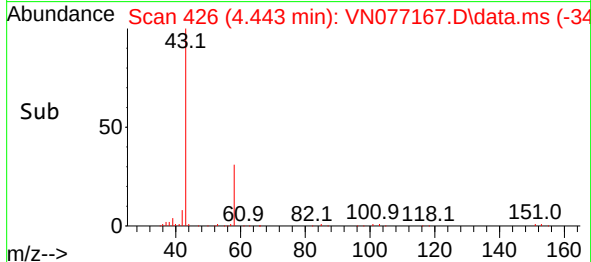
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



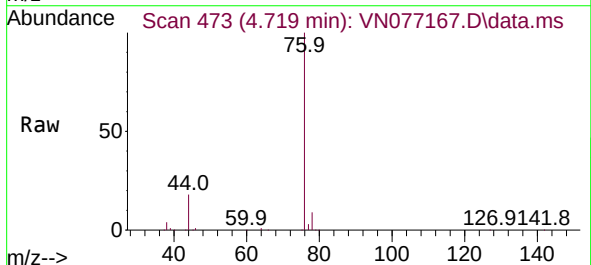
Tgt Ion: 58 Resp: 188428
Ion Ratio Lower Upper
58 100
43 323.9 255.4 383.0

Manual Integrations
APPROVED

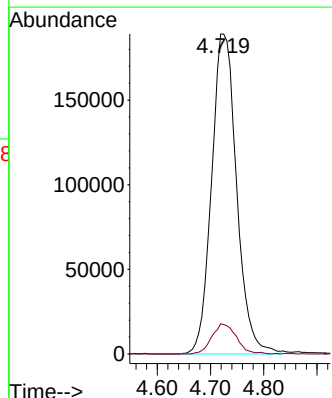
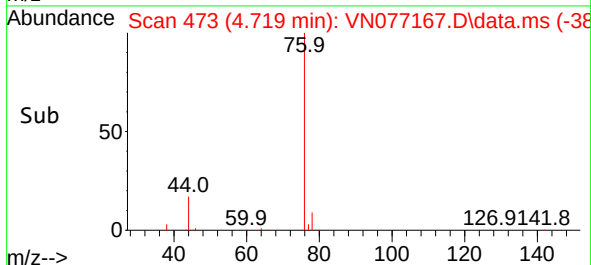
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

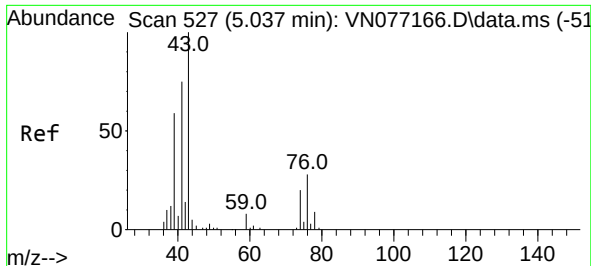


#16
Carbon Disulfide
Concen: 45.819 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



Tgt Ion: 76 Resp: 618337
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8





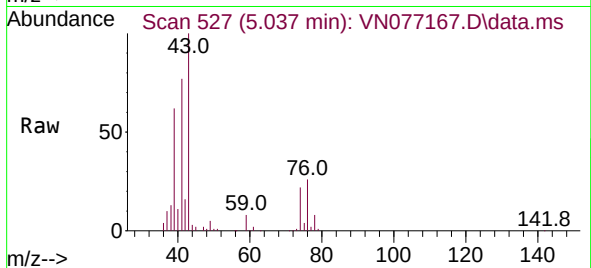
#17
Allyl chloride
Concen: 51.475 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

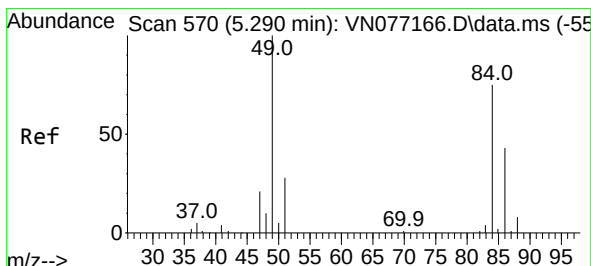
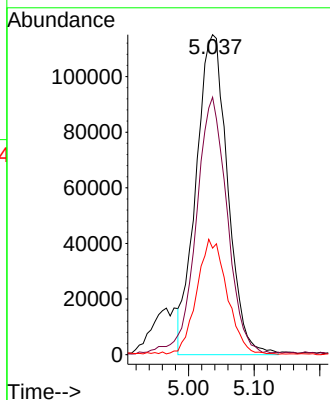
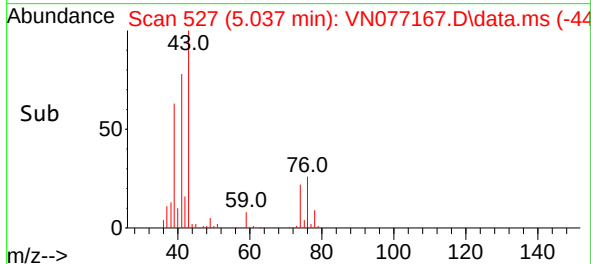


Tgt Ion: 41 Resp: 38561
Ion Ratio Lower Upper
41 100
39 80.1 34.8 104.3
76 33.4 17.5 52.5

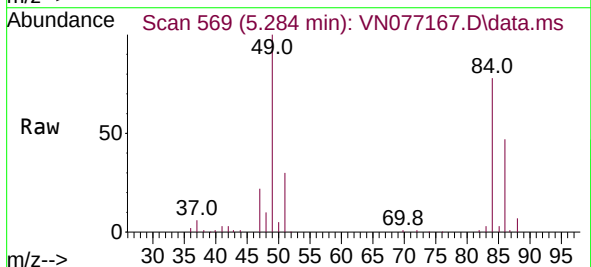
Manual Integrations

APPROVED

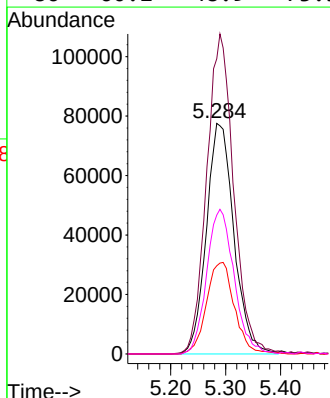
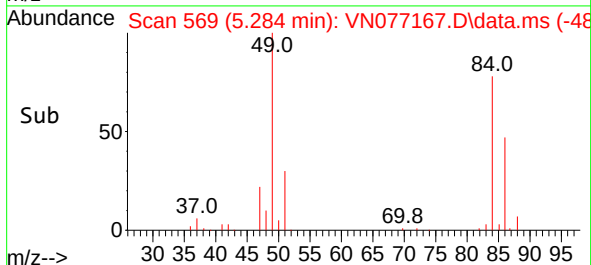
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

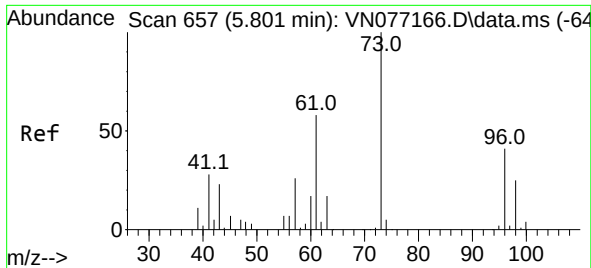


#18
Methylene Chloride
Concen: 46.561 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



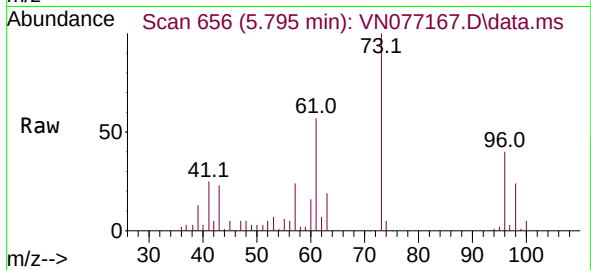
Tgt Ion: 84 Resp: 269458
Ion Ratio Lower Upper
84 100
49 127.7 113.8 170.6
51 38.2 34.2 51.4
86 60.2 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 46.416 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

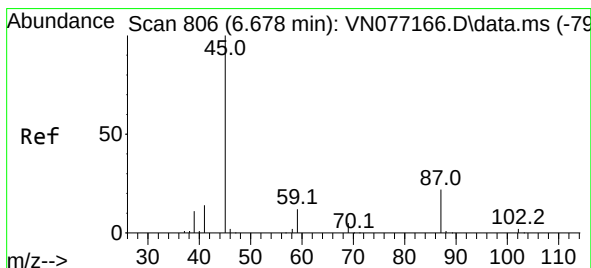
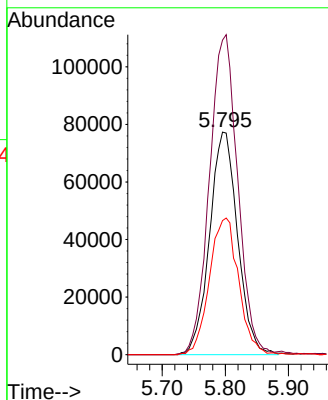
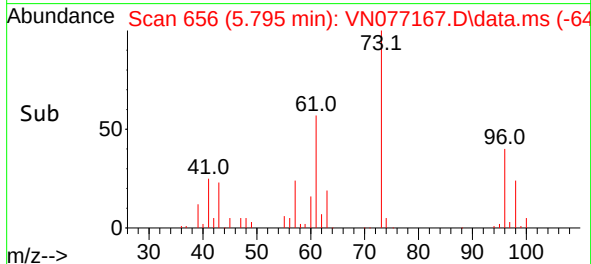
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



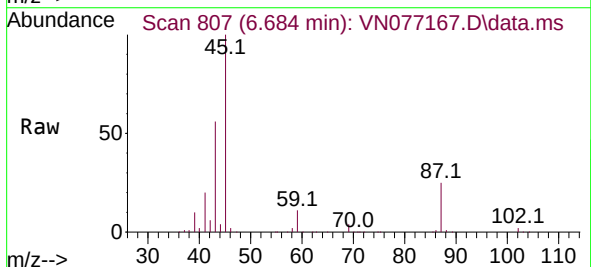
Tgt Ion: 96 Resp: 23847
Ion Ratio Lower Upper
96 100
61 140.9 111.0 166.4
98 60.2 55.0 82.6

Manual Integrations
APPROVED

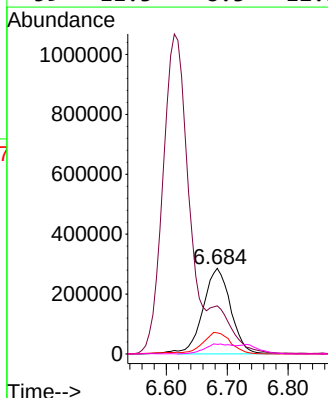
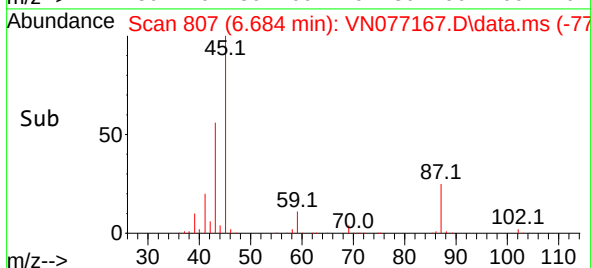
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

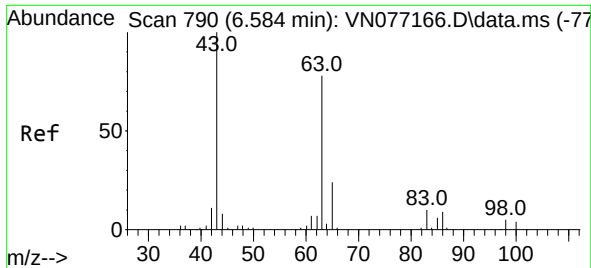


#20
Diisopropyl ether
Concen: 52.117 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



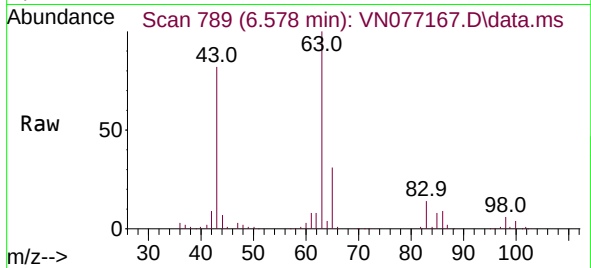
Tgt Ion: 45 Resp: 885683
Ion Ratio Lower Upper
45 100
43 55.3 38.6 58.0
87 24.8 20.1 30.1
59 11.3 8.3 12.5





#21
1,1-Dichloroethane
Concen: 48.728 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

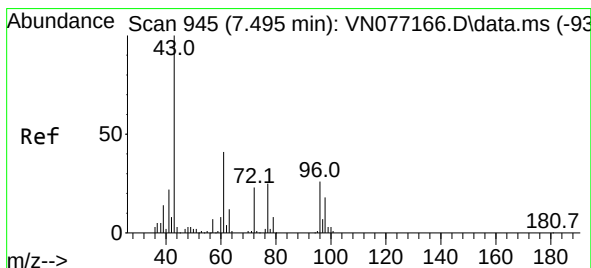
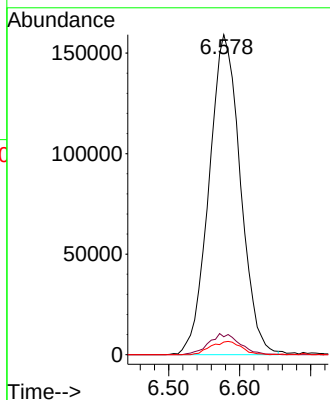
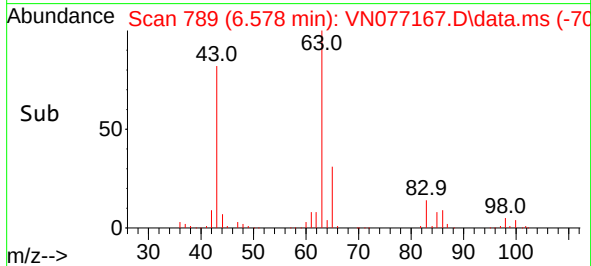
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 63 Resp: 487610
Ion Ratio Lower Upper
63 100
98 5.6 3.6 10.9
100 4.0 2.6 7.8

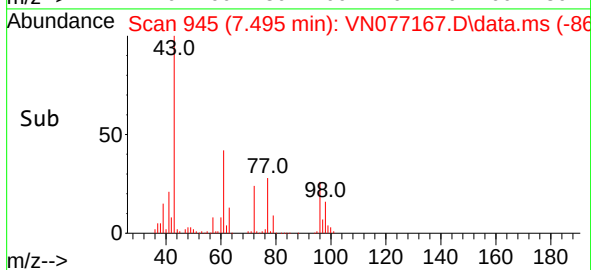
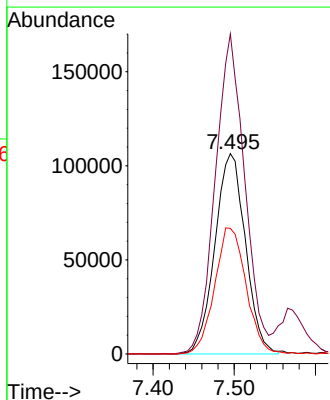
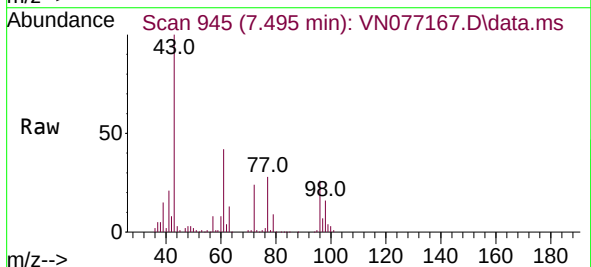
Manual Integrations
APPROVED

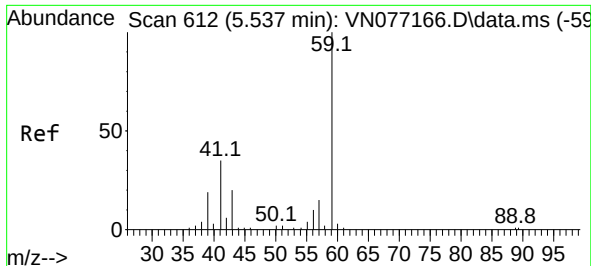
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
cis-1,2-Dichloroethene
Concen: 47.080 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 96 Resp: 278772
Ion Ratio Lower Upper
96 100
61 153.7 121.0 181.4
98 64.7 50.1 75.1





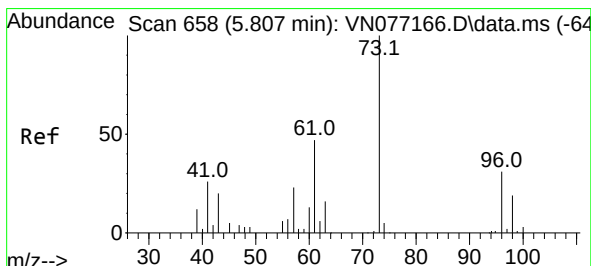
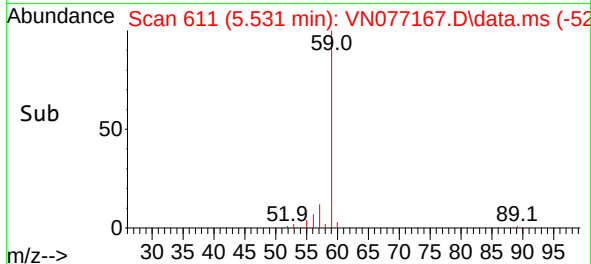
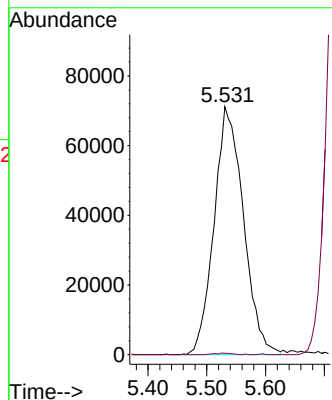
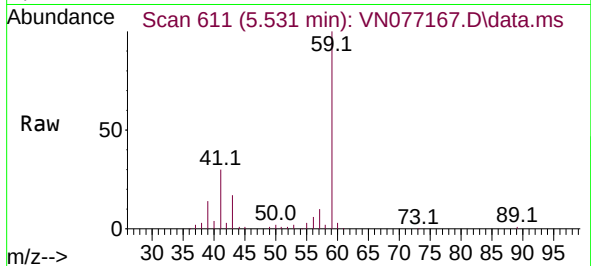
#23
tert-Butyl Alcohol
Concen: 301.258 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 246744
Ion Ratio Lower Upper
59 100
52 0.4 0.2 0.2

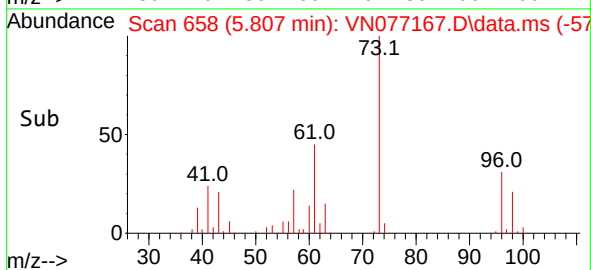
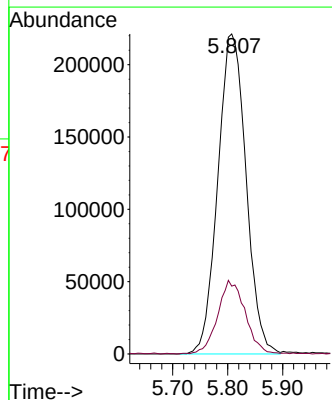
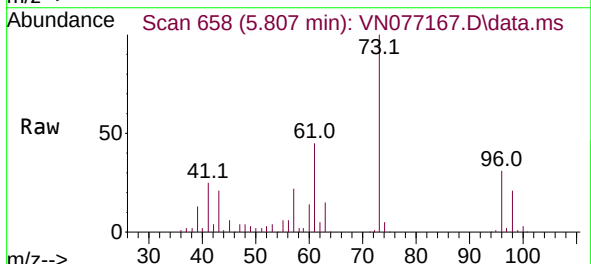
Manual Integrations
APPROVED

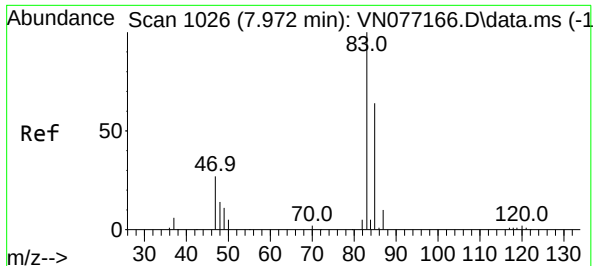
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 49.164 ug/l
RT: 5.807 min Scan# 658
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 73 Resp: 789243
Ion Ratio Lower Upper
73 100
43 22.3 17.8 26.6





#25

Chloroform

Concen: 47.540 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 83 Resp: 487400

Ion Ratio Lower Upper

83 100

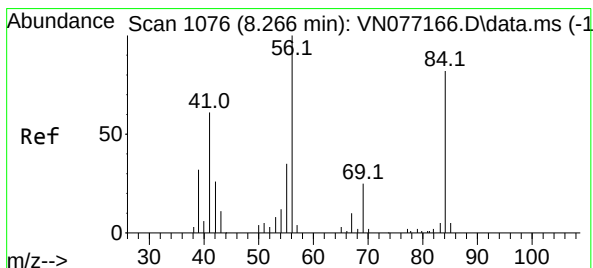
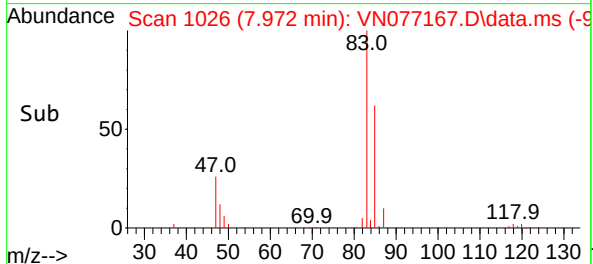
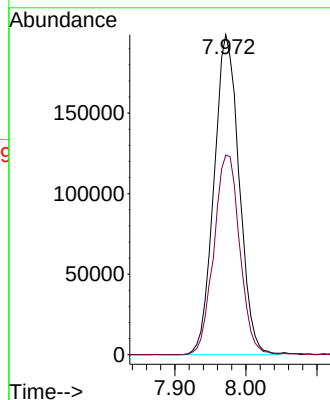
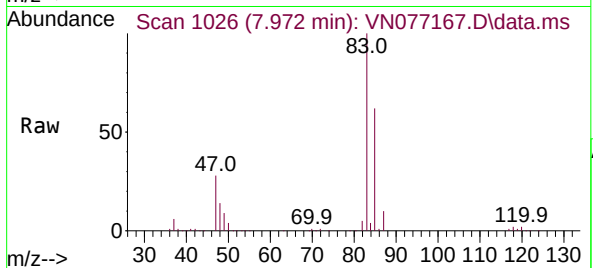
85 62.4 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 47.624 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

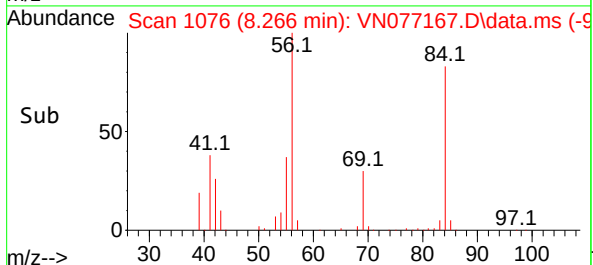
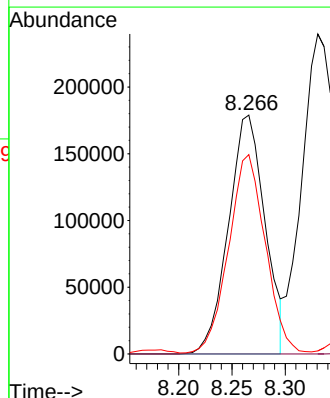
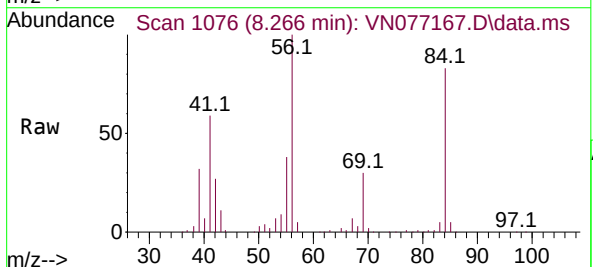
Tgt Ion: 56 Resp: 426965

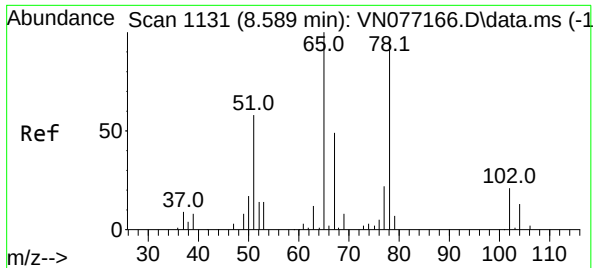
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.5 65.3 97.9





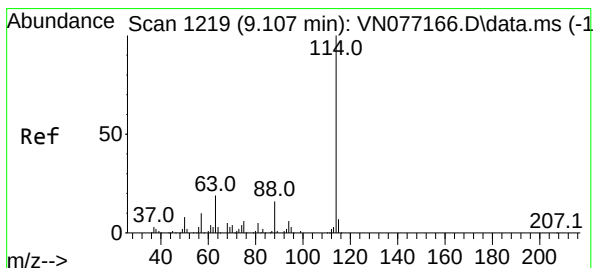
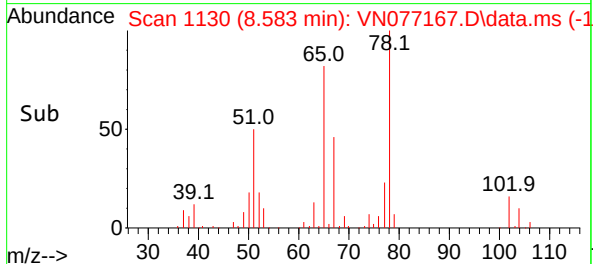
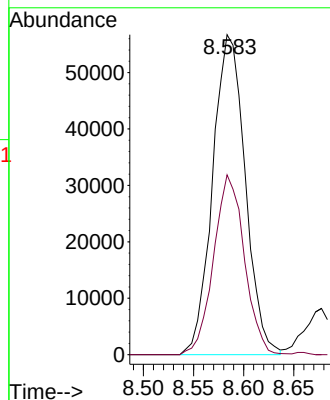
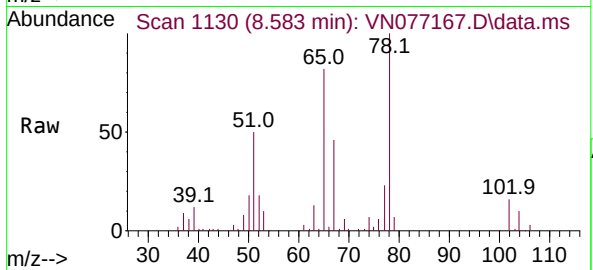
#27
1,2-Dichloroethane-d4
Concen: 30.802 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 12834
Ion Ratio Lower Upper
65 100
67 52.9 40.9 61.3

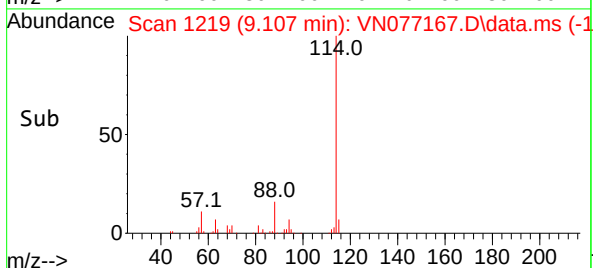
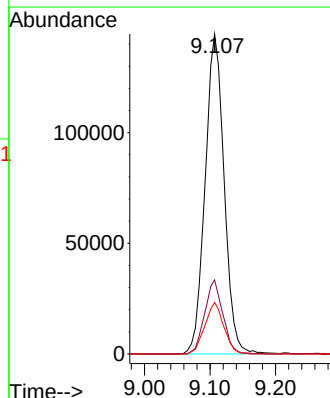
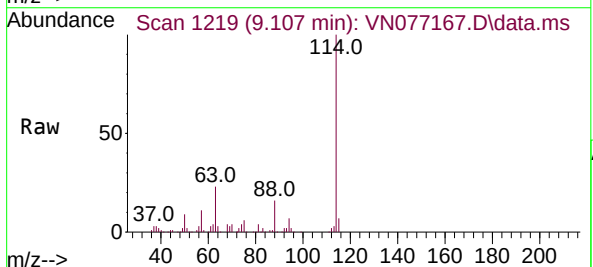
Manual Integrations
APPROVED

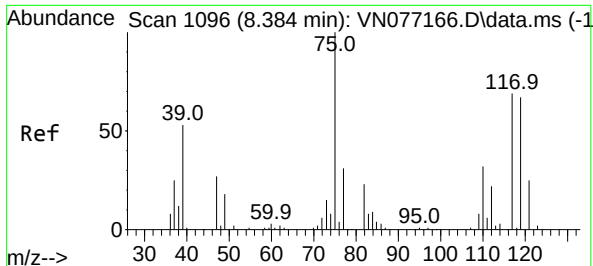
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion:114 Resp: 291986
Ion Ratio Lower Upper
114 100
63 22.0 17.0 25.4
88 16.0 11.6 17.4





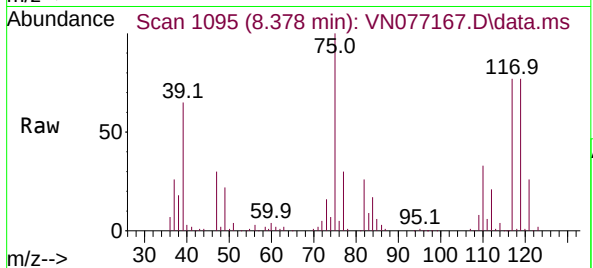
#29
1,1-Dichloropropene
Concen: 51.414 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



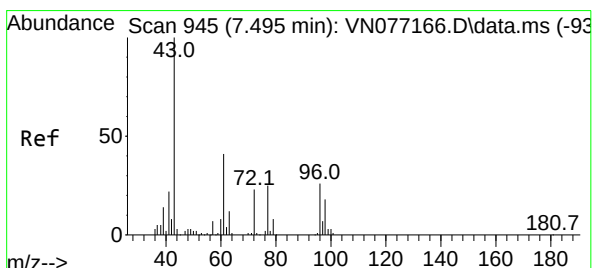
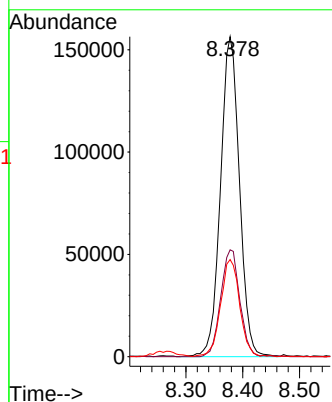
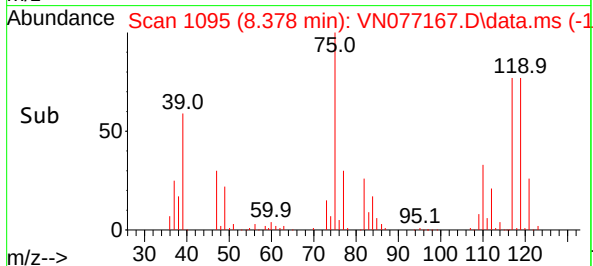
Tgt Ion: 75 Resp: 36298
Ion Ratio Lower Upper
75 100
110 33.4 0.0 67.2
77 30.5 0.0 64.4

Manual Integrations

APPROVED

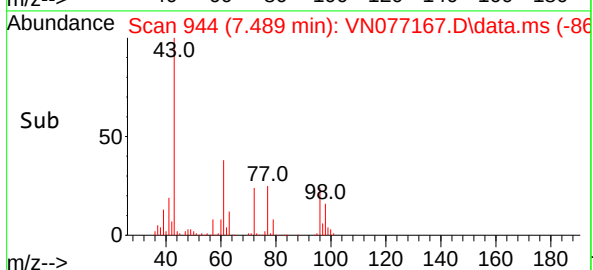
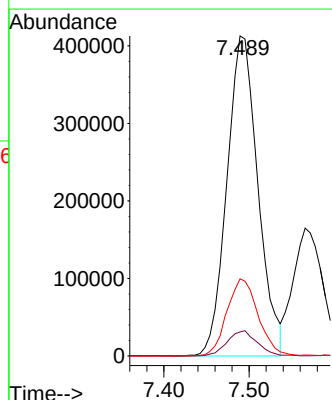
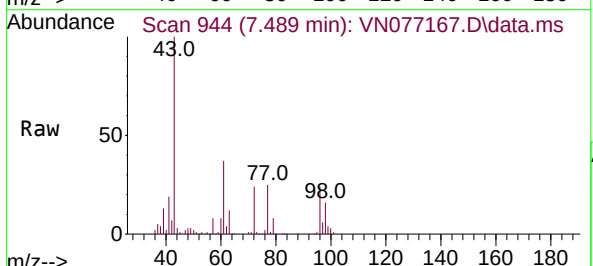
Reviewed By :Krupa Patel 03/24/2023

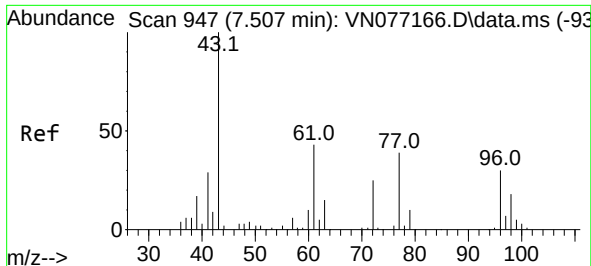
Supervised By :Semsettin Yesilyurt 03/27/2023



#30
2-Butanone
Concen: 307.668 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 43 Resp: 1046818
Ion Ratio Lower Upper
43 100
57 7.6 6.1 9.1
72 24.2 20.2 30.4





#31

2,2-Dichloropropane

Concen: 47.360 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.012 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion: 77 Resp: 326040

Ion Ratio Lower Upper

77 100

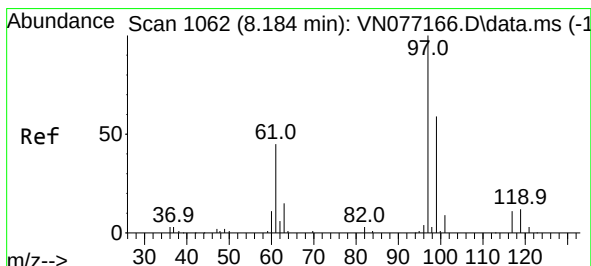
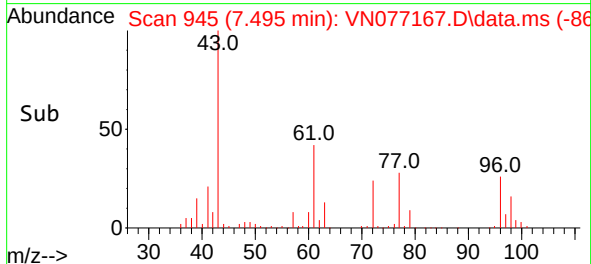
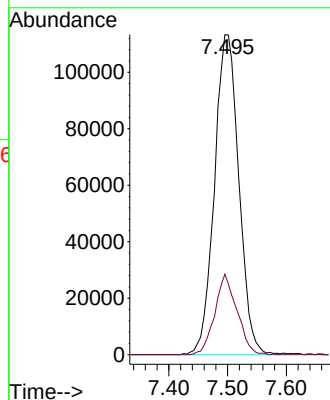
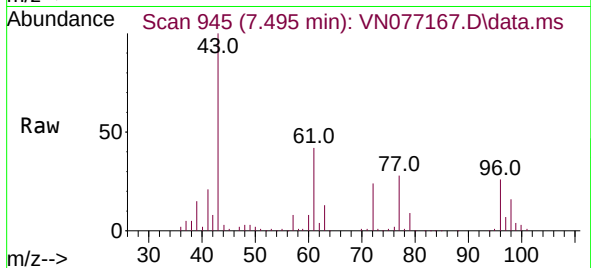
97 22.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#32

1,1,1-Trichloroethane

Concen: 51.424 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

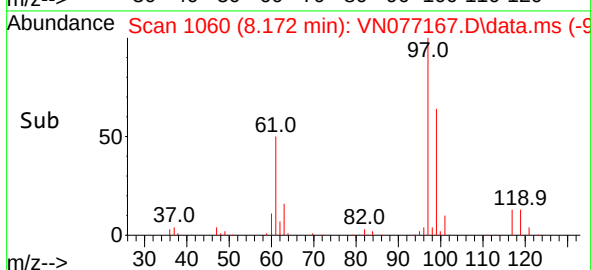
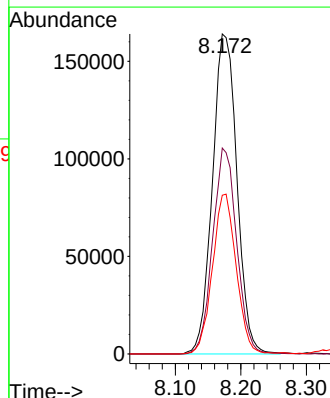
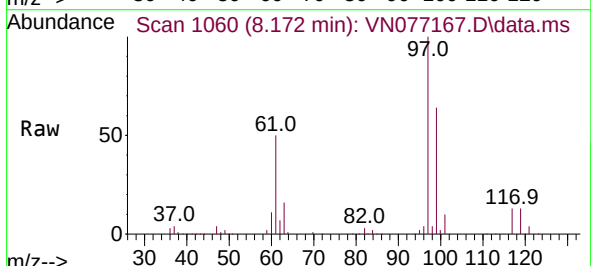
Tgt Ion: 97 Resp: 425381

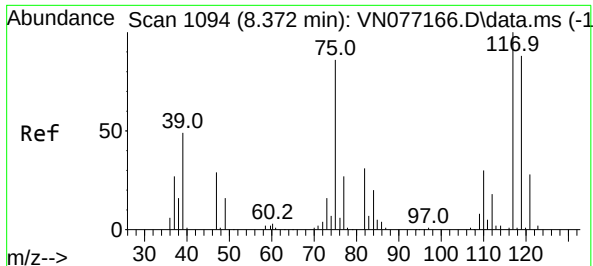
Ion Ratio Lower Upper

97 100

99 63.0 51.8 77.8

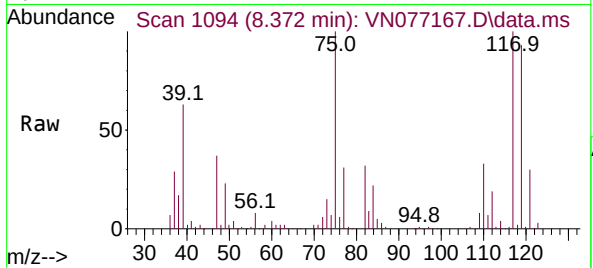
61 48.3 39.3 58.9





#33
Carbon Tetrachloride
Concen: 49.310 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

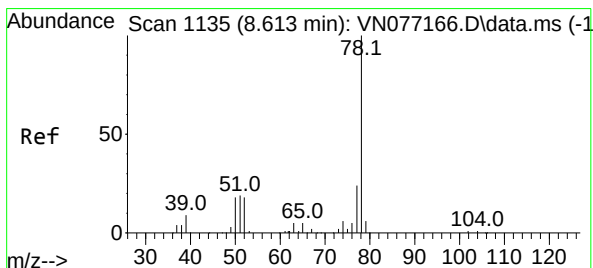
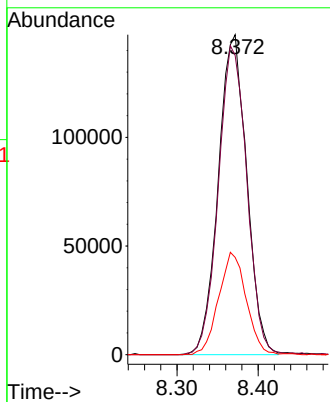
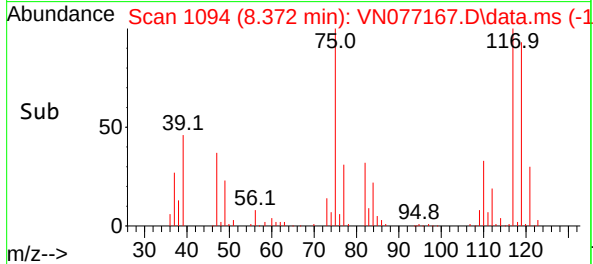
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 358539
Ion Ratio Lower Upper
117 100
119 93.5 79.8 119.8
121 30.4 23.4 35.0

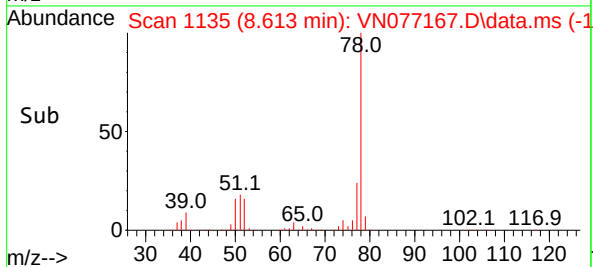
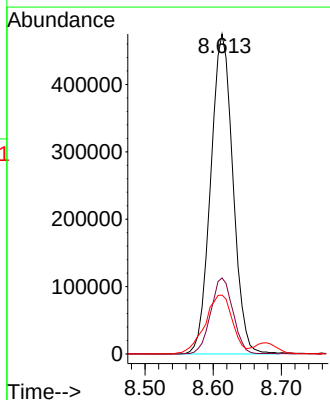
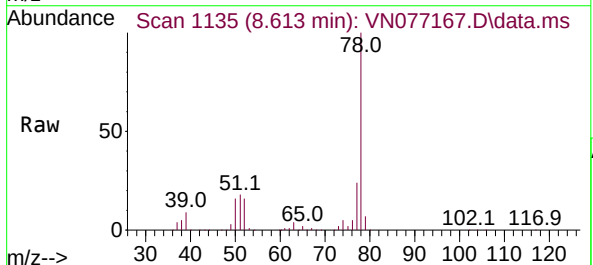
Manual Integrations
APPROVED

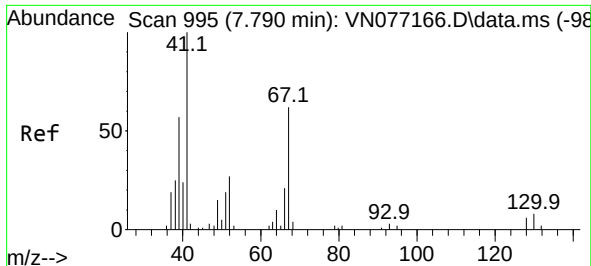
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#34
Benzene
Concen: 49.794 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 78 Resp: 1078919
Ion Ratio Lower Upper
78 100
77 23.8 17.4 26.2
51 18.1 13.8 20.6





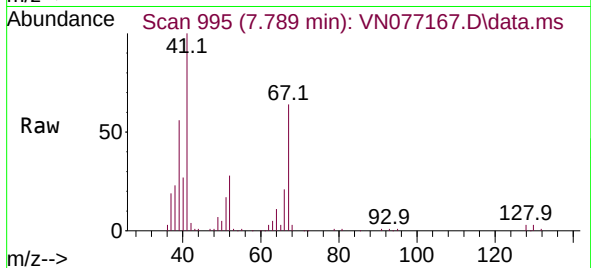
#35
Methacrylonitrile
Concen: 59.034 ug/l
RT: 7.789 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050



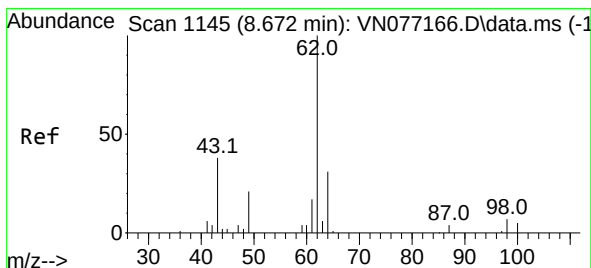
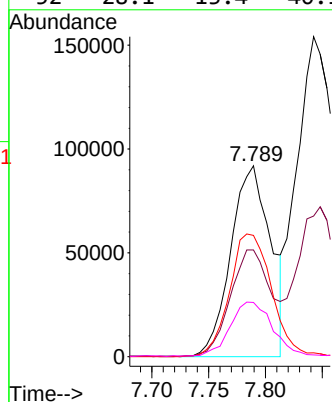
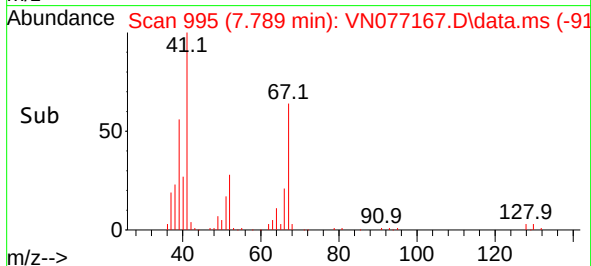
Tgt Ion: 41 Resp: 224920
Ion Ratio Lower Upper
41 100
39 55.7 26.6 79.7
67 63.5 32.3 96.9
52 28.1 13.4 40.1

Manual Integrations

APPROVED

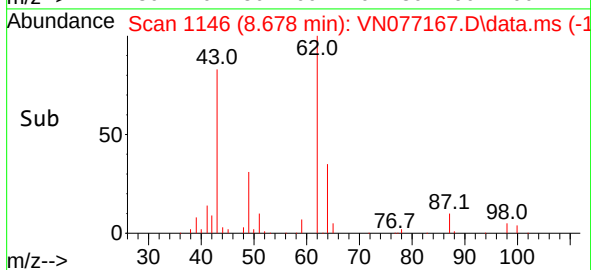
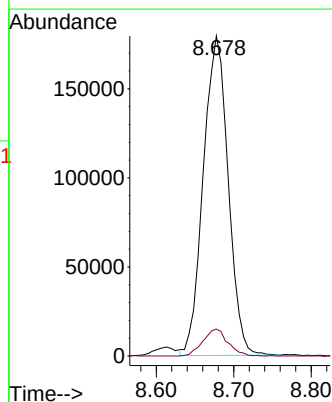
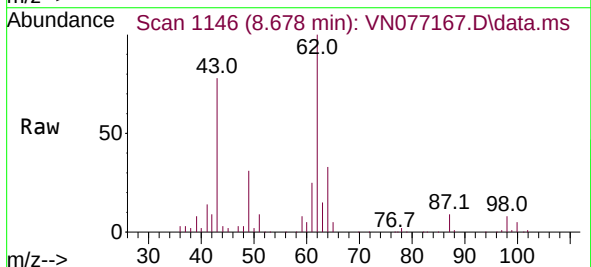
Reviewed By :Krupa Patel 03/24/2023

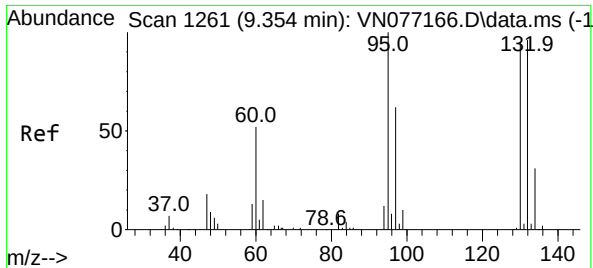
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 53.885 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

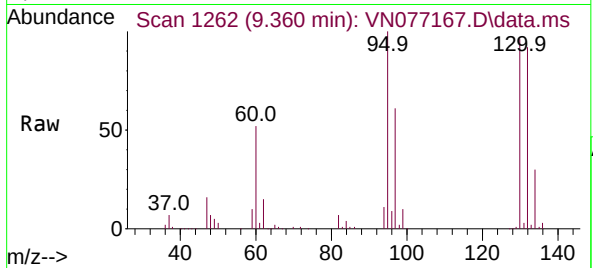
Tgt Ion: 62 Resp: 400508
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.0





#37
Trichloroethene
Concen: 46.591 ug/l
RT: 9.360 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

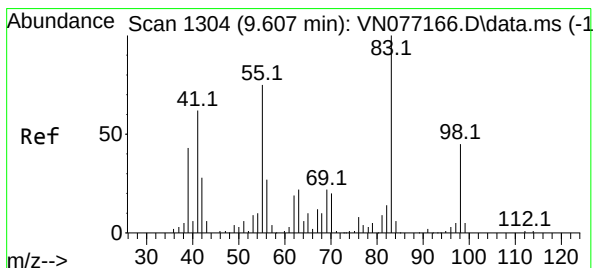
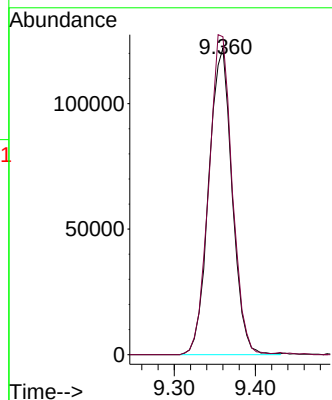
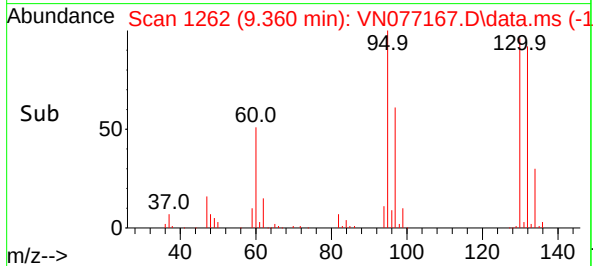
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



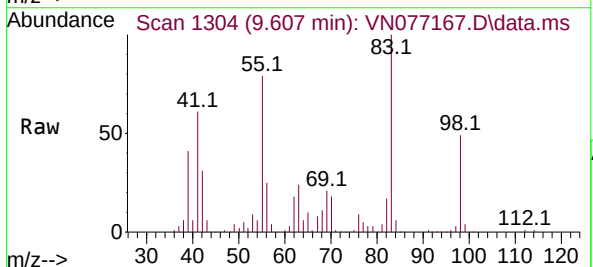
Tgt Ion:130 Resp: 24413
Ion Ratio Lower Upper
130 100
95 103.7 78.7 118.1

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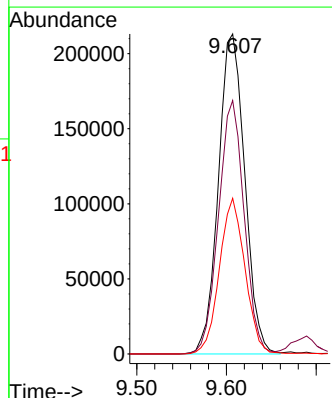
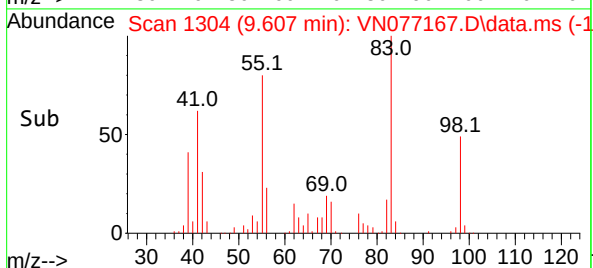
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

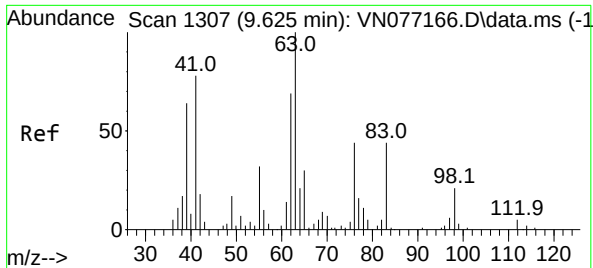


#38
Methylcyclohexane
Concen: 50.509 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



Tgt Ion: 83 Resp: 435500
Ion Ratio Lower Upper
83 100
55 77.0 37.6 112.9
98 47.3 24.1 72.4





#39

1,2-Dichloropropane

Concen: 51.916 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 29071

Ion Ratio Lower Upper

63 100

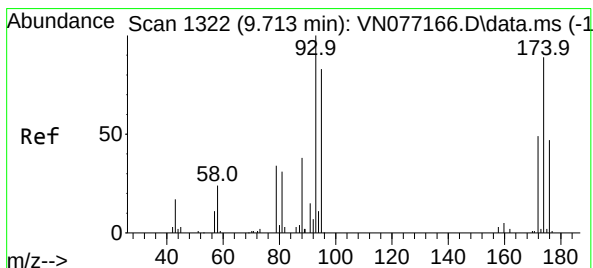
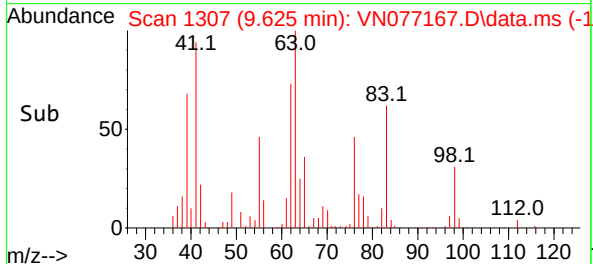
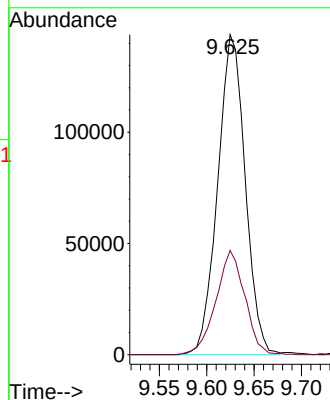
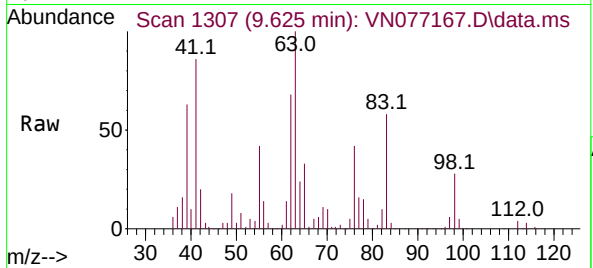
65 32.3 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Dibromomethane

Concen: 51.872 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

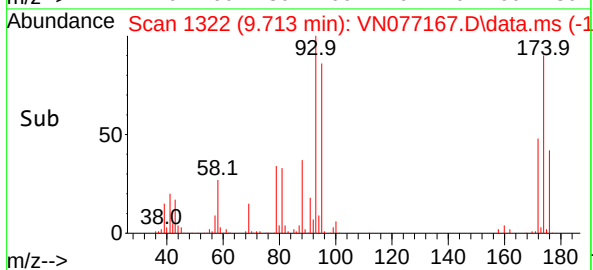
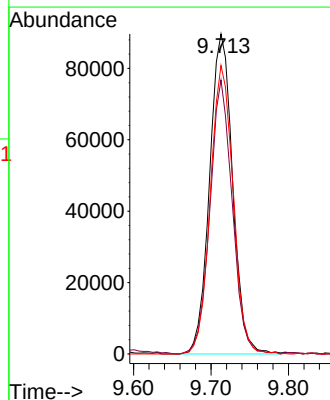
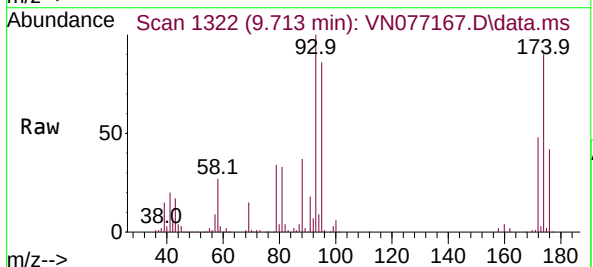
Tgt Ion: 93 Resp: 185419

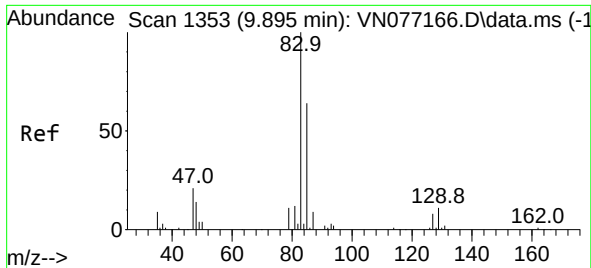
Ion Ratio Lower Upper

93 100

95 82.8 0.0 158.0

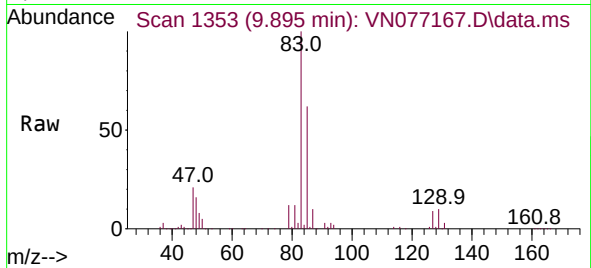
174 89.2 0.0 171.2





#41
Bromodichloromethane
Concen: 51.922 ug/l
RT: 9.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

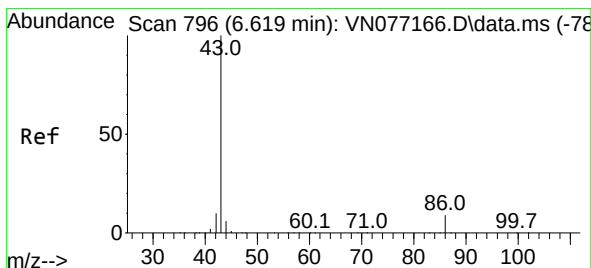
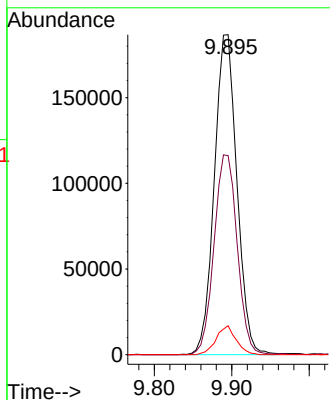
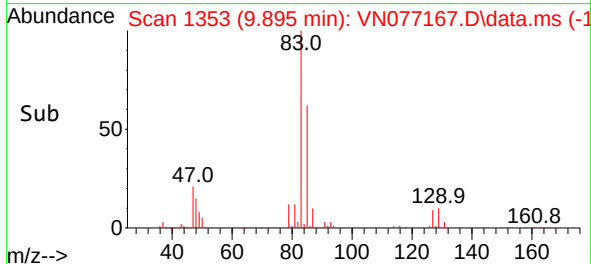
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 379250
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.4
127 9.0 6.2 9.2

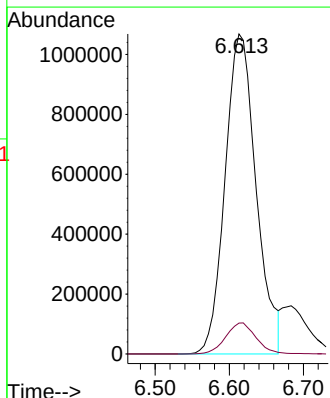
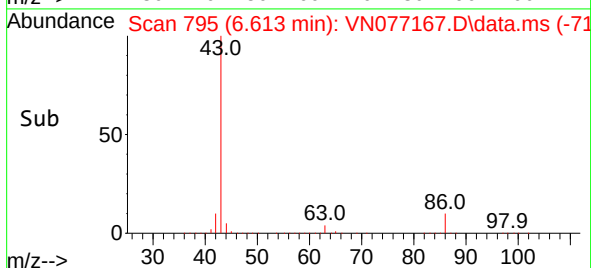
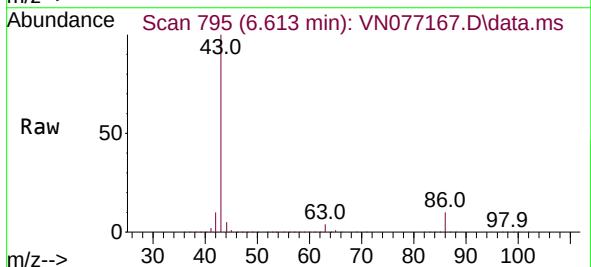
Manual Integrations
APPROVED

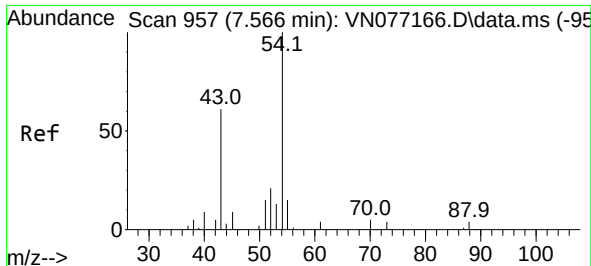
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#42
Vinyl Acetate
Concen: 299.423 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 43 Resp: 3116027
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6





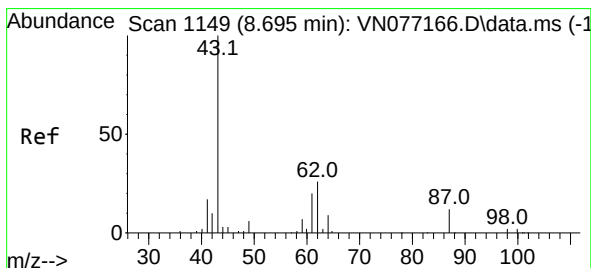
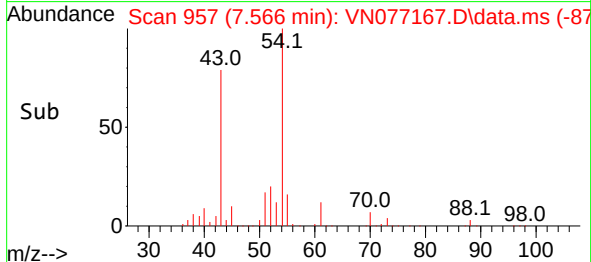
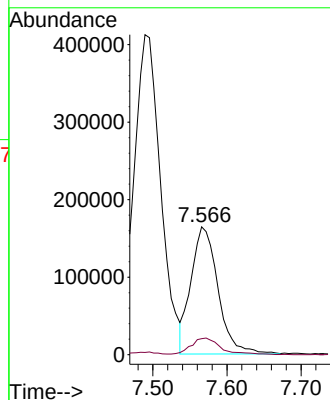
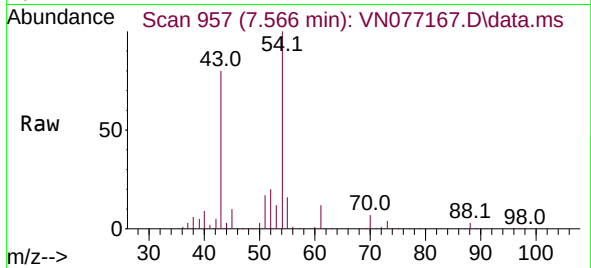
#43
Ethyl Acetate
Concen: 61.012 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 416315
Ion Ratio Lower Upper
43 100
45 14.4 11.2 16.8

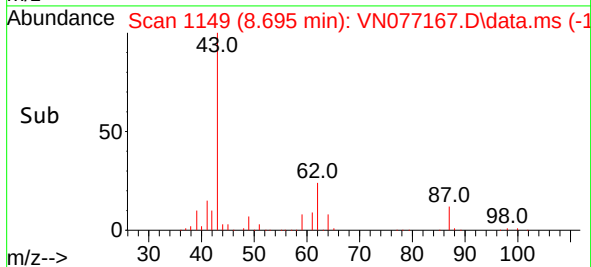
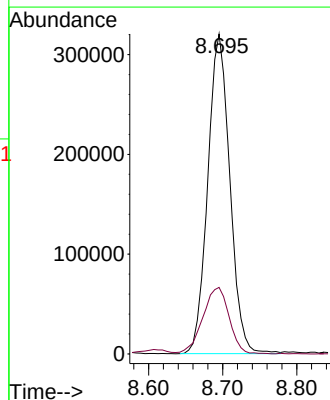
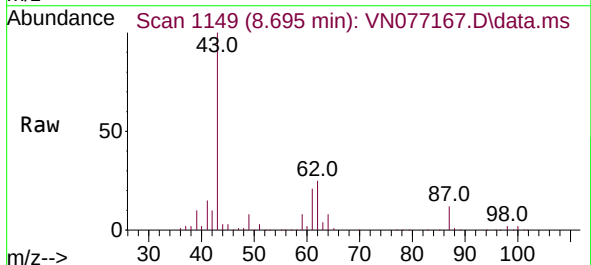
Manual Integrations
APPROVED

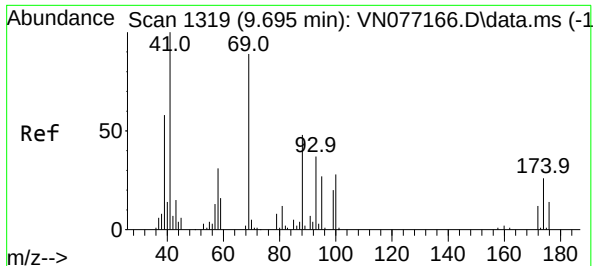
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 59.995 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 43 Resp: 661986
Ion Ratio Lower Upper
43 100
61 24.9 19.5 29.3





#45

1,4-Dioxane

Concen: 1201.647 ug/l

RT: 9.701 min Scan# 11220

Delta R.T. 0.006 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 88 Resp: 11220

Ion Ratio Lower Upper

88 100

43 34.0 26.0 39.0

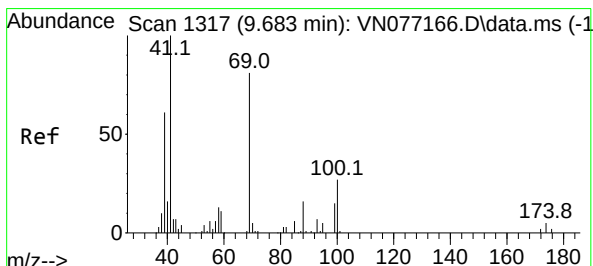
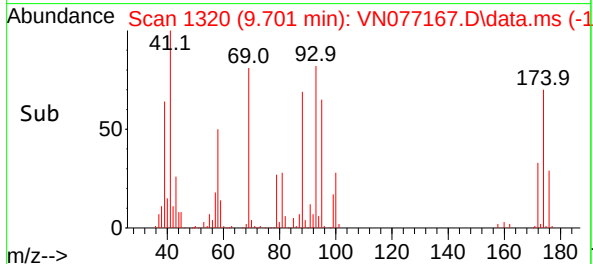
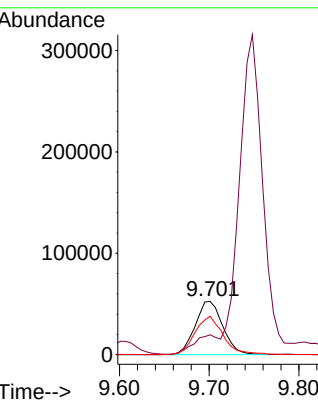
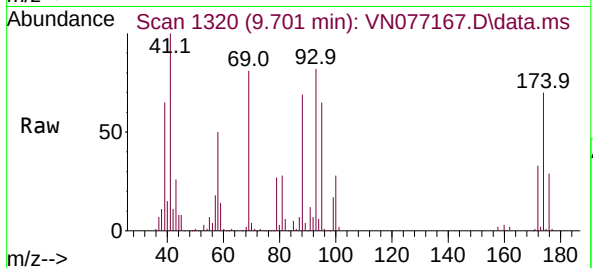
58 74.0 54.3 81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 60.118 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

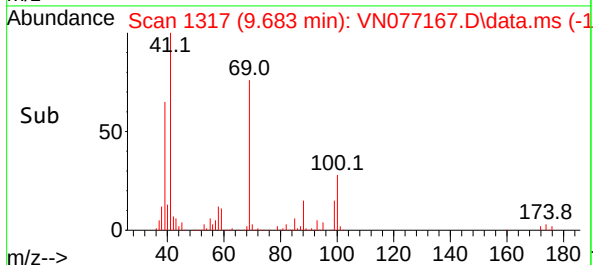
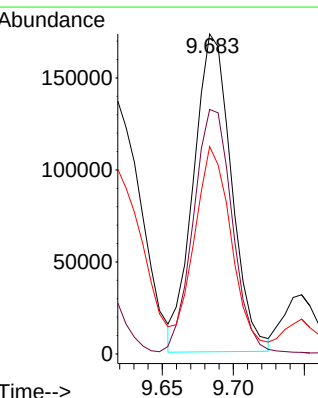
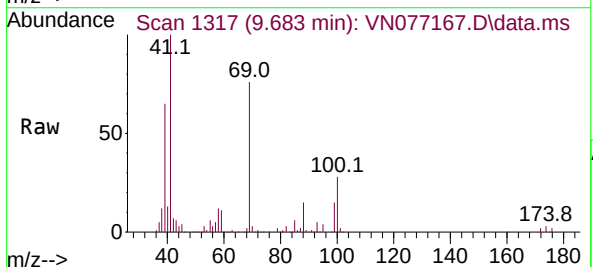
Tgt Ion: 41 Resp: 321096

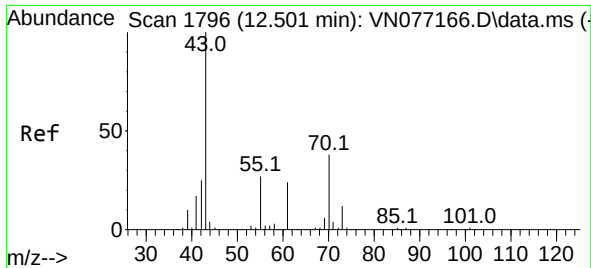
Ion Ratio Lower Upper

41 100

69 78.7 40.6 121.7

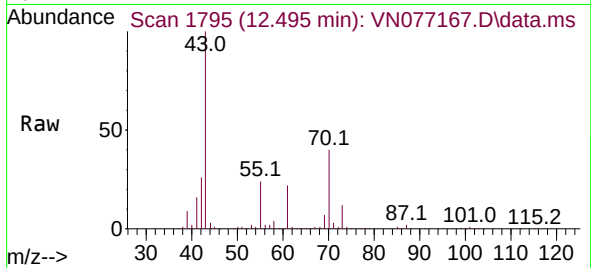
39 64.2 30.5 91.5





#47
n-amyl Acetate
Concen: 64.526 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

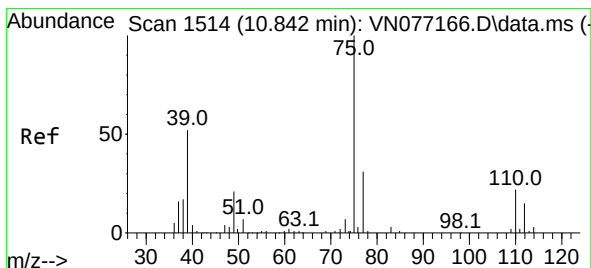
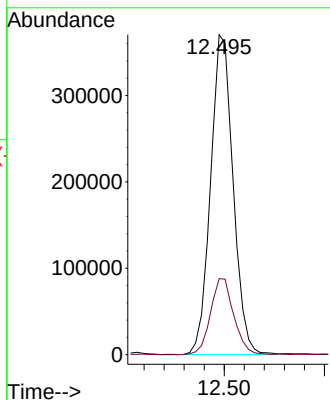
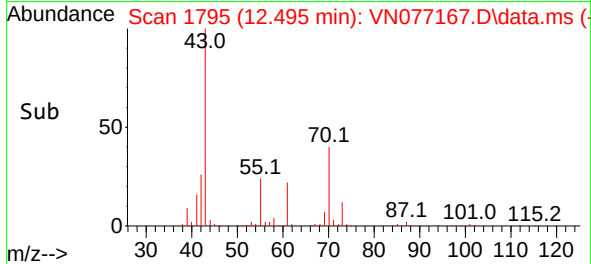
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 57604
Ion Ratio Lower Upper
43 100
55 24.6 18.3 27.5

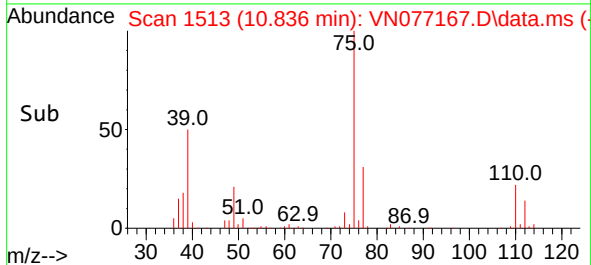
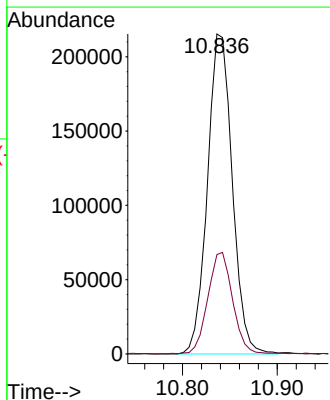
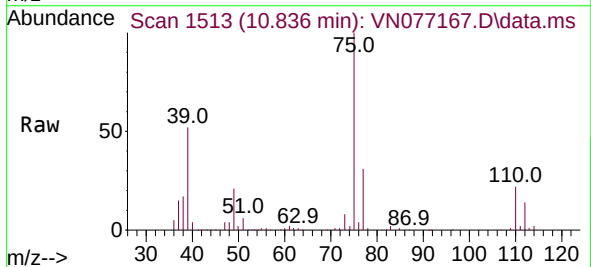
Manual Integrations
APPROVED

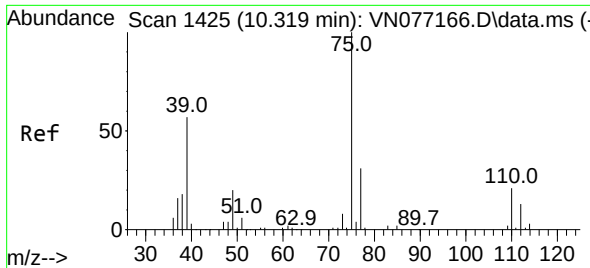
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#48
t-1,3-Dichloropropene
Concen: 53.821 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

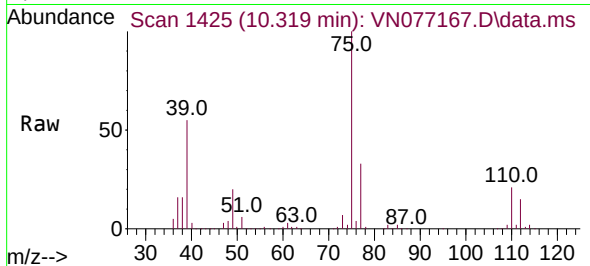
Tgt Ion: 75 Resp: 392207
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2





#49
 cis-1,3-Dichloropropene
 Concen: 52.166 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VN077167.D
 Acq: 23 Mar 2023 23:22

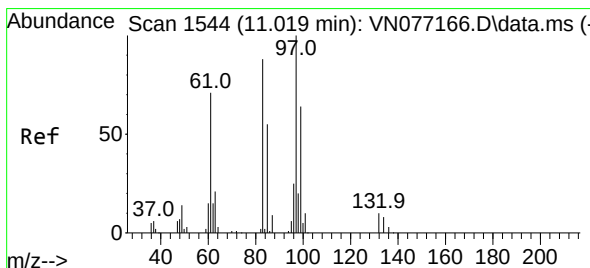
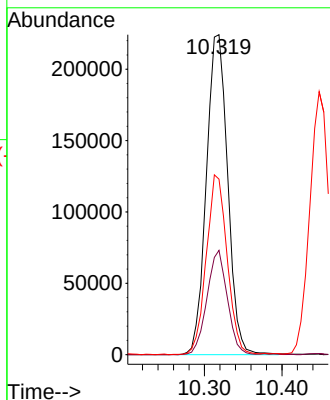
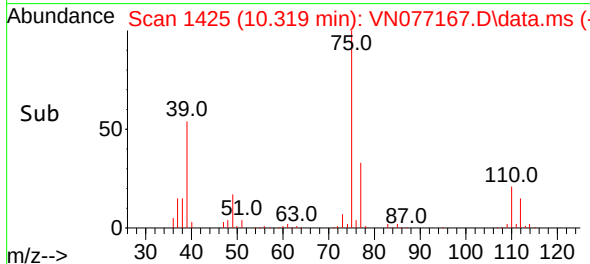
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050



Tgt Ion: 75 Resp: 429402
 Ion Ratio Lower Upper
 75 100
 77 32.6 27.5 41.3
 39 54.8 43.5 65.3

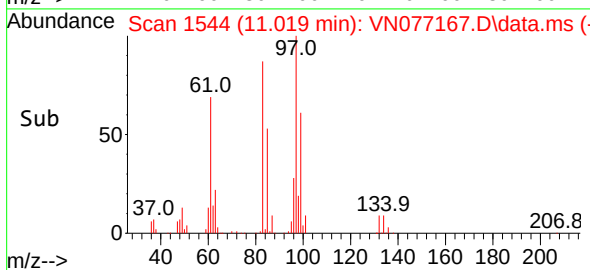
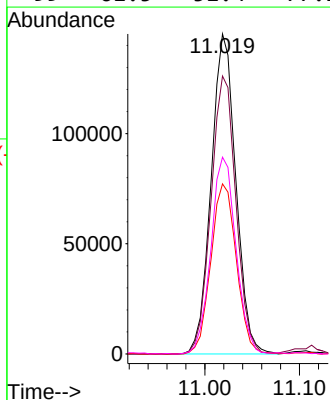
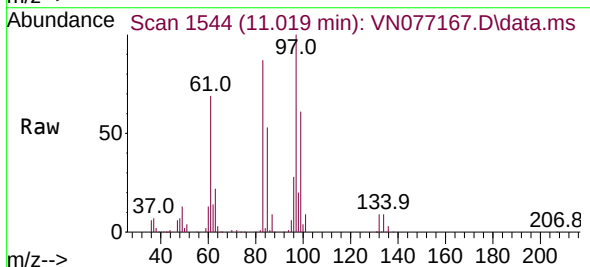
Manual Integrations
 APPROVED

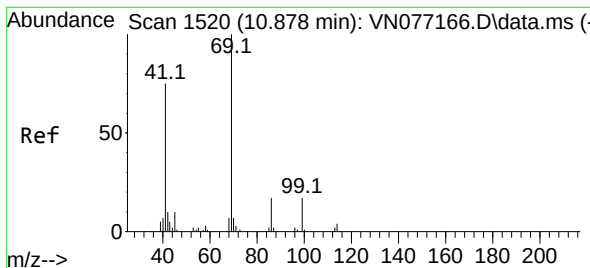
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#50
 1,1,2-Trichloroethane
 Concen: 50.437 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077167.D
 Acq: 23 Mar 2023 23:22

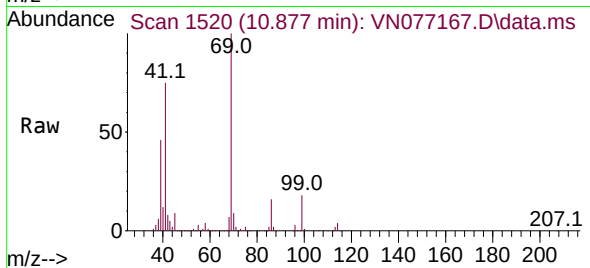
Tgt Ion: 97 Resp: 263369
 Ion Ratio Lower Upper
 97 100
 83 86.8 71.0 106.4
 85 53.1 45.5 68.3
 99 61.5 51.4 77.2





#51
Ethyl methacrylate
Concen: 55.335 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

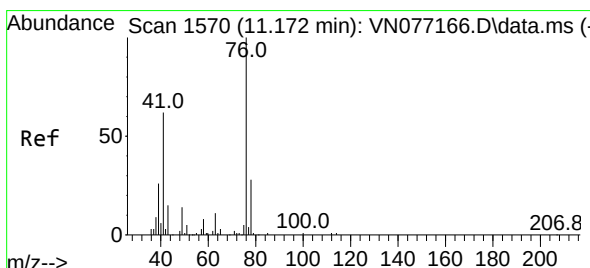
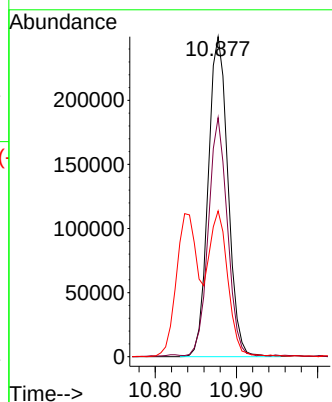
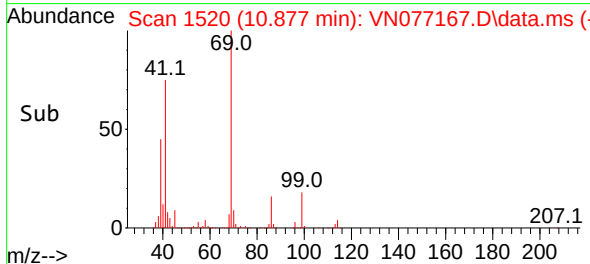
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



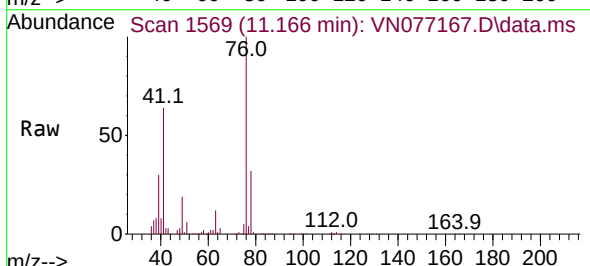
Tgt Ion: 69 Resp: 422609
Ion Ratio Lower Upper
69 100
41 74.3 36.3 108.7
39 45.3 19.9 59.7

Manual Integrations
APPROVED

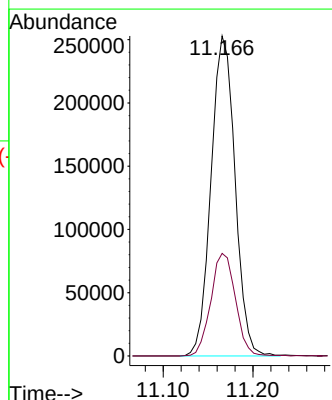
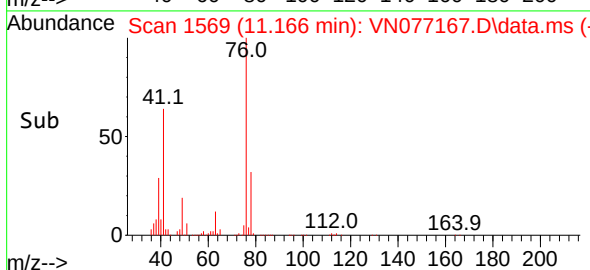
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

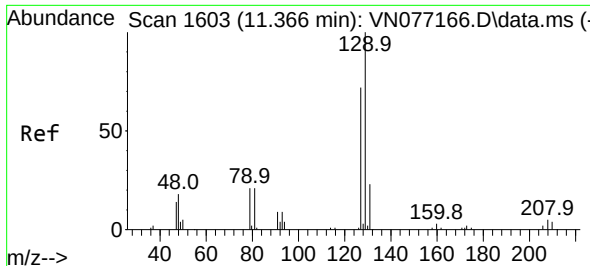


#52
1,3-Dichloropropane
Concen: 52.291 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



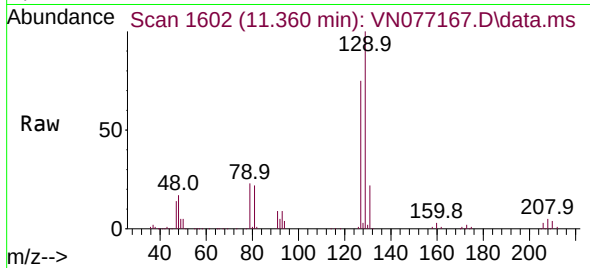
Tgt Ion: 76 Resp: 470081
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.4





#53
Dibromochloromethane
Concen: 52.208 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

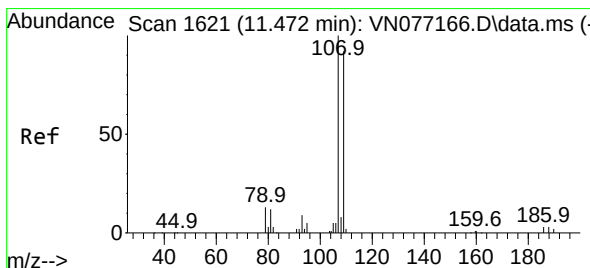
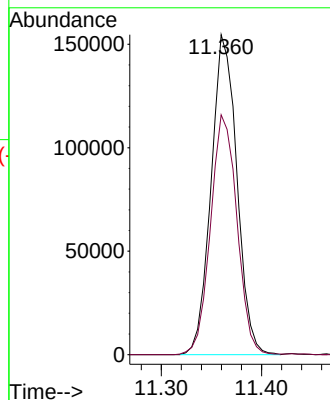
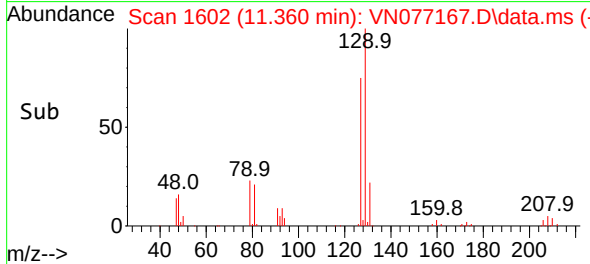
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



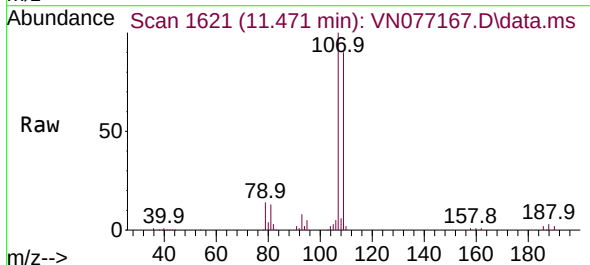
Tgt Ion:129 Resp: 276135
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.1

Manual Integrations
APPROVED

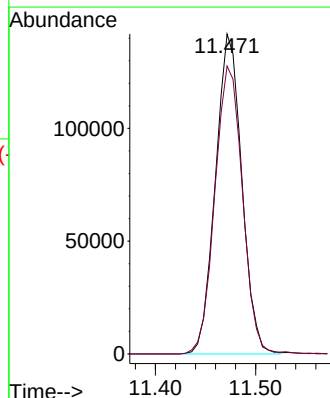
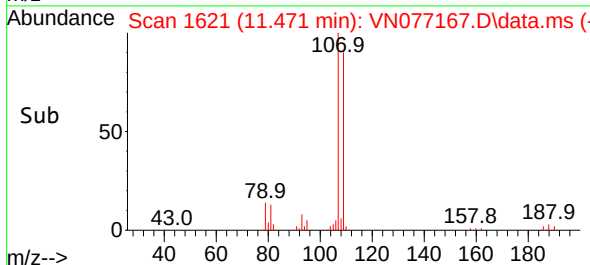
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

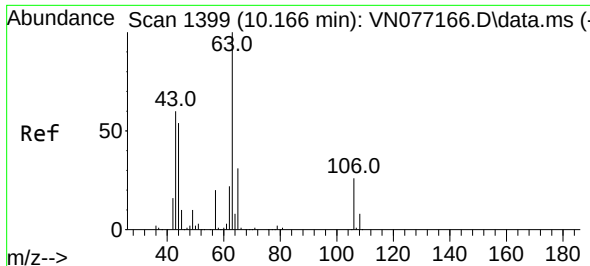


#54
1,2-Dibromoethane
Concen: 51.454 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



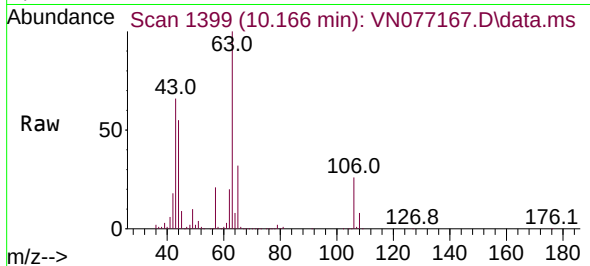
Tgt Ion:107 Resp: 258479
Ion Ratio Lower Upper
107 100
109 94.0 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 313.040 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

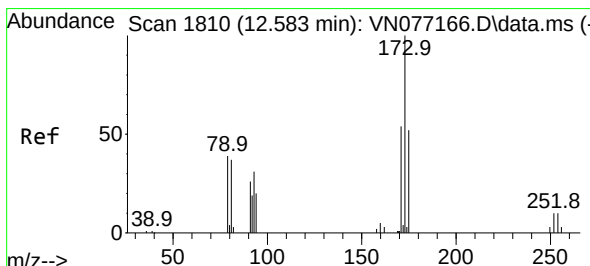
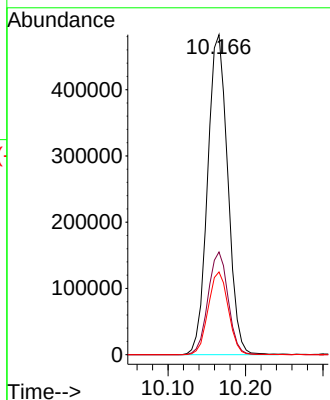
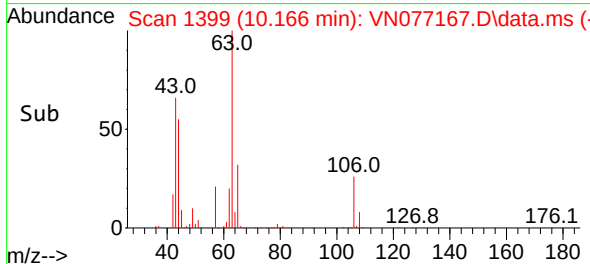
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 63 Resp: 87173
Ion Ratio Lower Upper
63 100
65 31.9 26.3 39.5
106 25.9 21.6 32.4

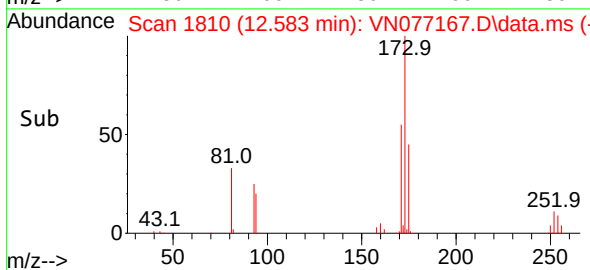
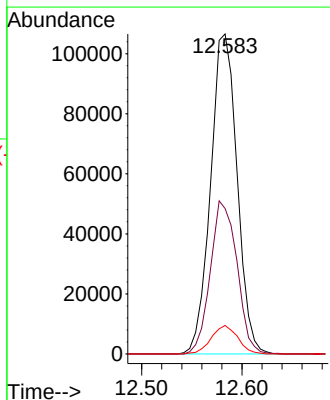
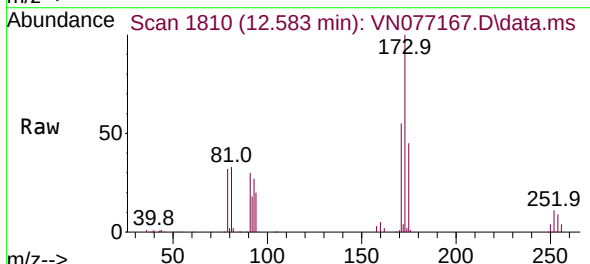
Manual Integrations
APPROVED

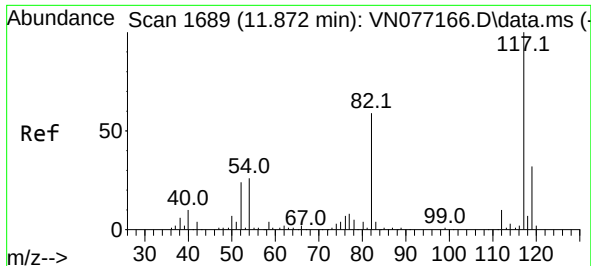
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 55.593 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

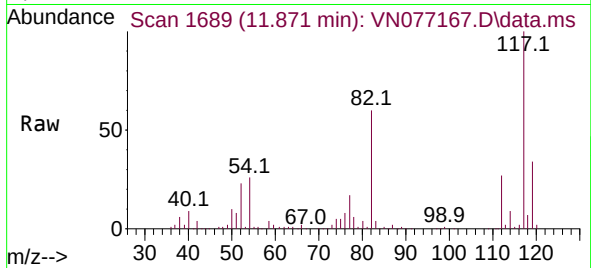
Tgt Ion:173 Resp: 195997
Ion Ratio Lower Upper
173 100
175 48.0 37.8 56.6
254 8.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

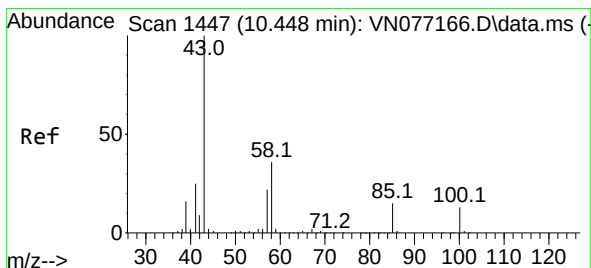
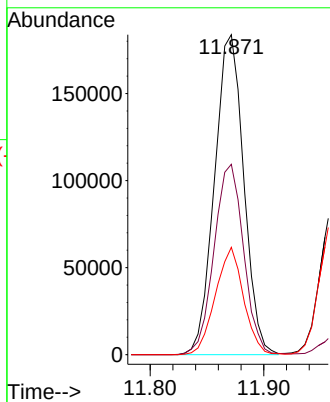
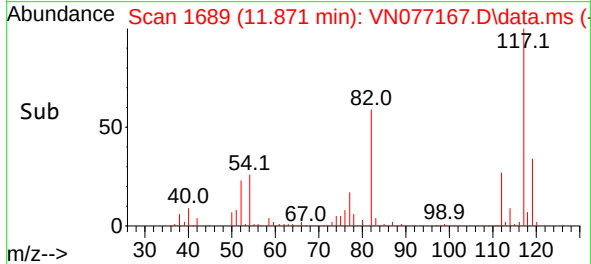
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 329074
Ion Ratio Lower Upper
117 100
82 60.2 45.4 68.0
119 32.3 26.8 40.2

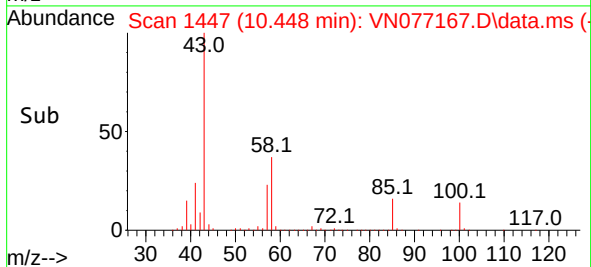
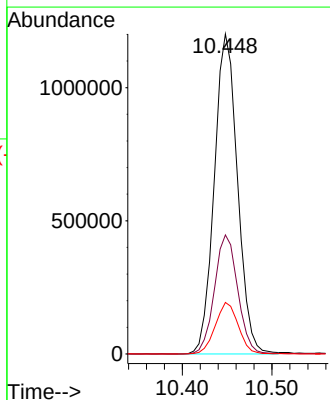
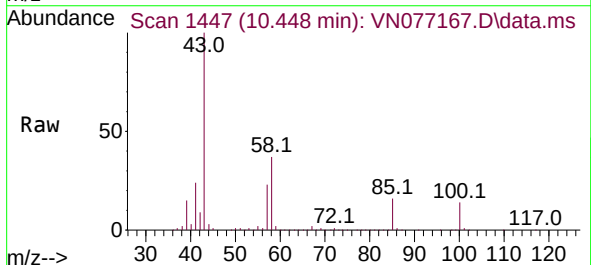
Manual Integrations
APPROVED

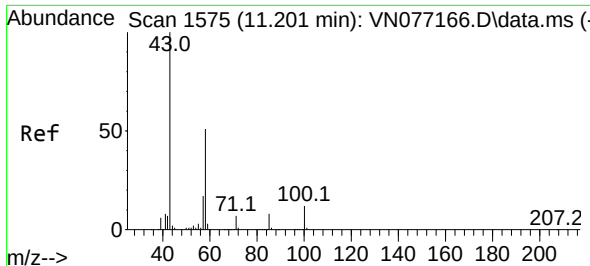
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
4-Methyl-2-Pentanone
Concen: 301.696 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

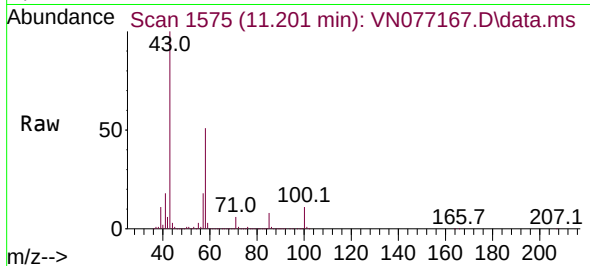
Tgt Ion: 43 Resp: 2157474
Ion Ratio Lower Upper
43 100
58 37.3 28.6 42.8
85 15.9 11.8 17.8





#59
2-Hexanone
Concen: 312.436 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

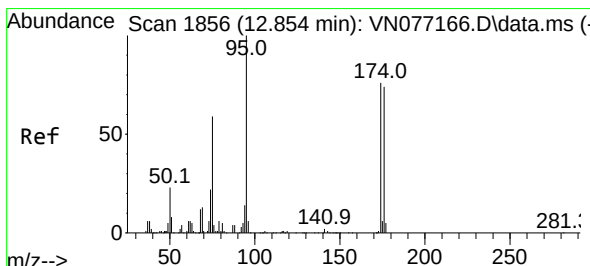
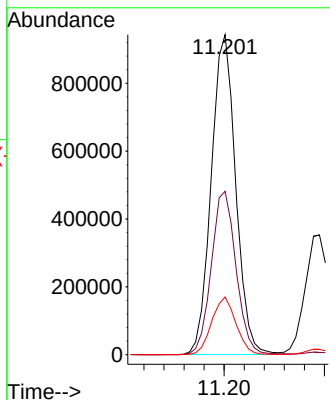
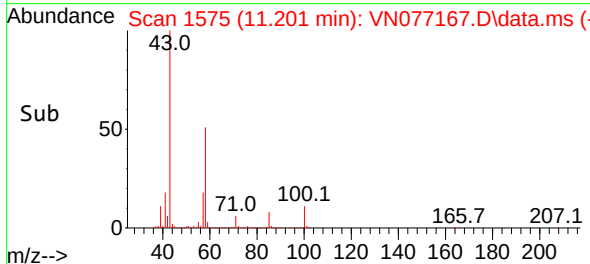
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 1595227
Ion Ratio Lower Upper
43 100
58 51.8 40.6 60.8
57 17.9 13.1 19.7

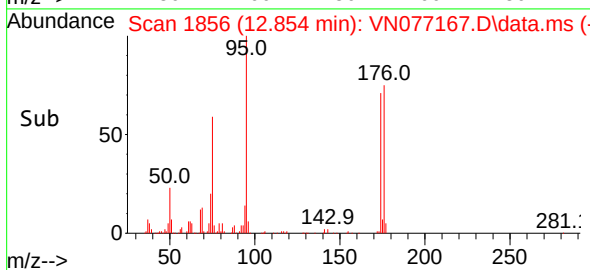
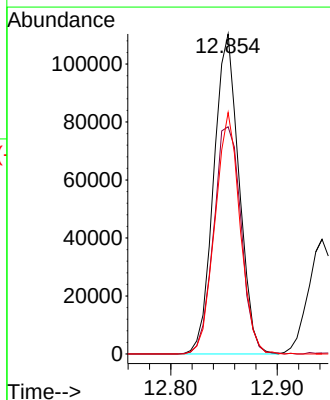
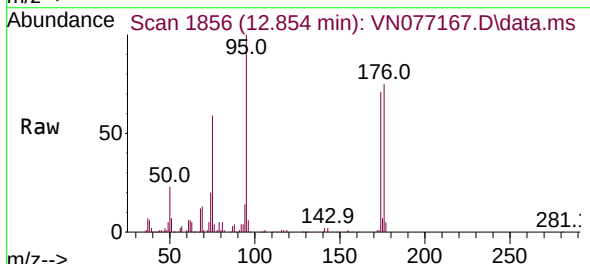
Manual Integrations
APPROVED

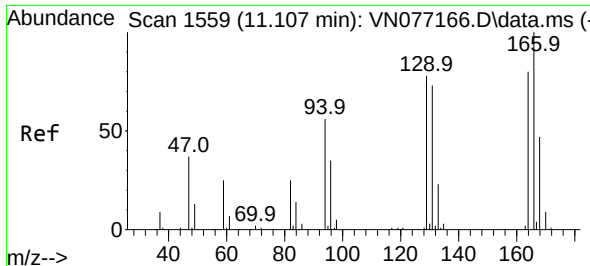
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 29.498 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

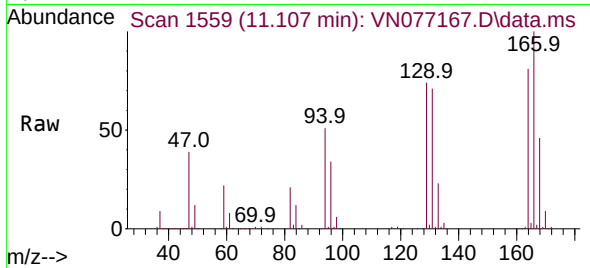
Tgt Ion: 95 Resp: 181627
Ion Ratio Lower Upper
95 100
174 77.1 64.2 96.4
176 74.9 61.4 92.0





#61
Tetrachloroethene
Concen: 41.686 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

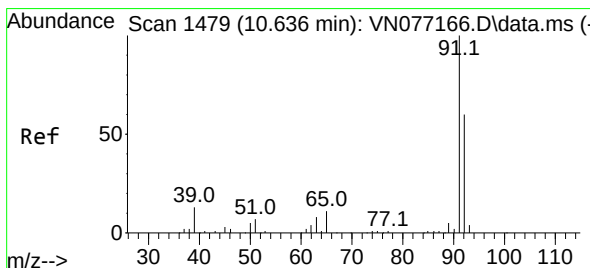
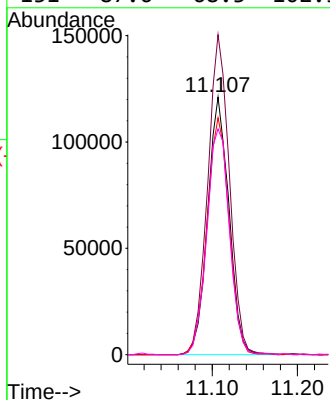
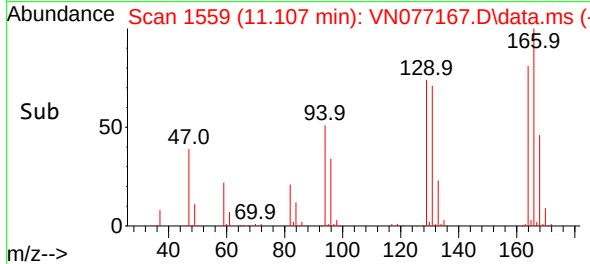
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 211392
Ion Ratio Lower Upper
164 100
166 124.2 96.2 144.2
129 92.0 78.2 117.4
131 87.6 68.3 102.5

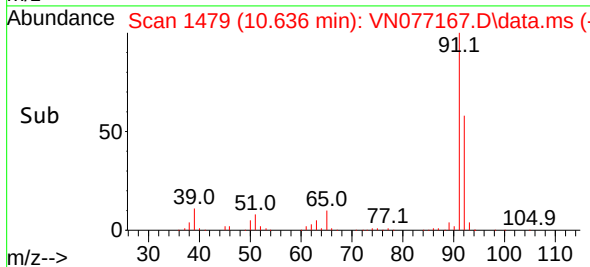
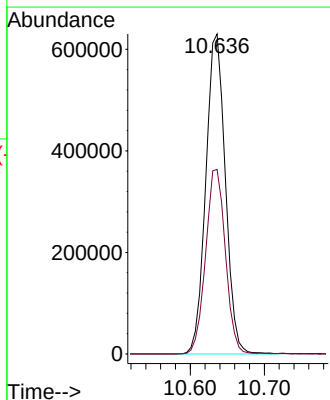
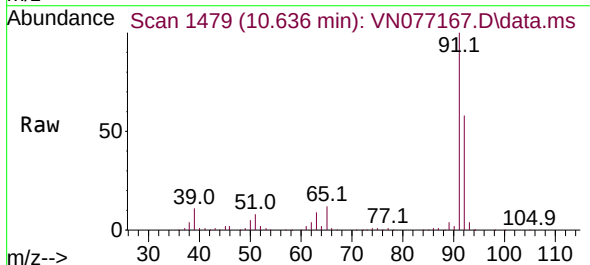
Manual Integrations
APPROVED

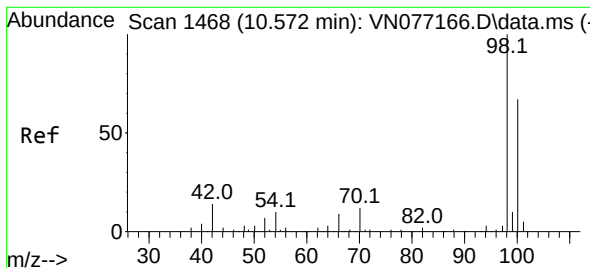
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#62
Toluene
Concen: 49.804 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 91 Resp: 1153846
Ion Ratio Lower Upper
91 100
92 58.4 46.3 69.5





#63

Toluene-d8

Concen: 30.059 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 98 Resp: 350170

Ion Ratio Lower Upper

98 100

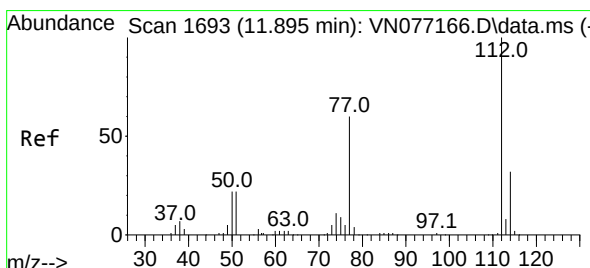
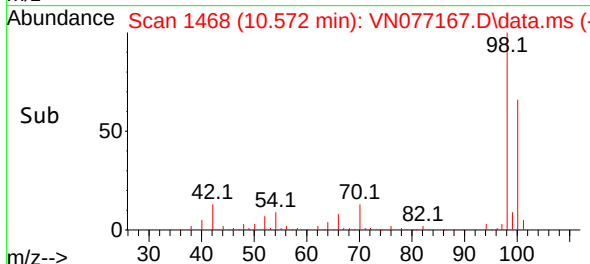
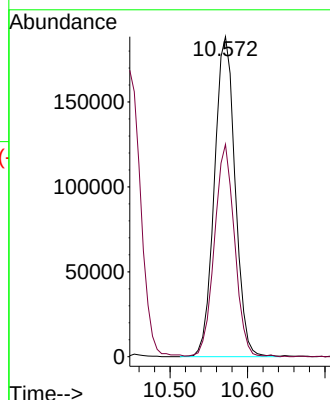
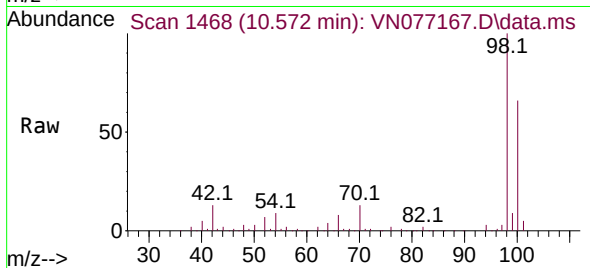
100 64.4 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#64

Chlorobenzene

Concen: 50.664 ug/l

RT: 11.895 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VN077167.D

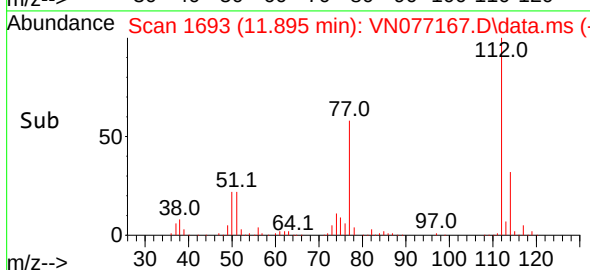
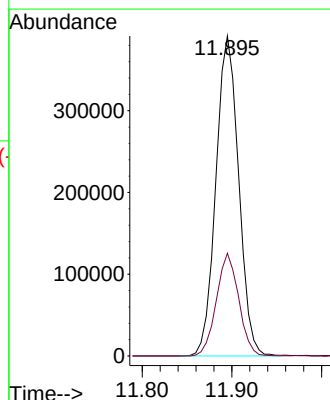
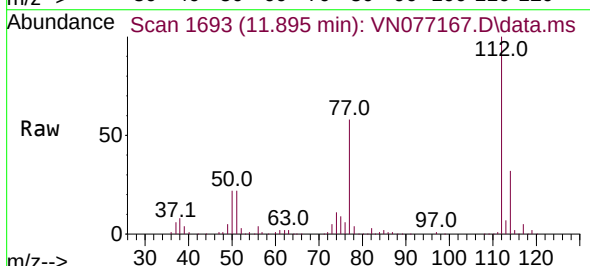
Acq: 23 Mar 2023 23:22

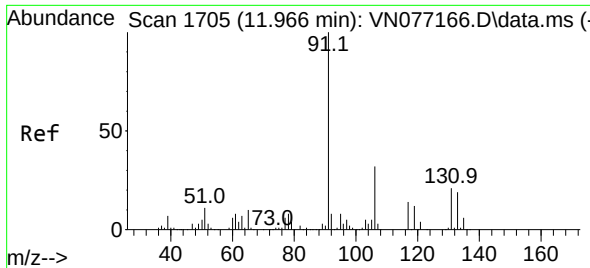
Tgt Ion:112 Resp: 689117

Ion Ratio Lower Upper

112 100

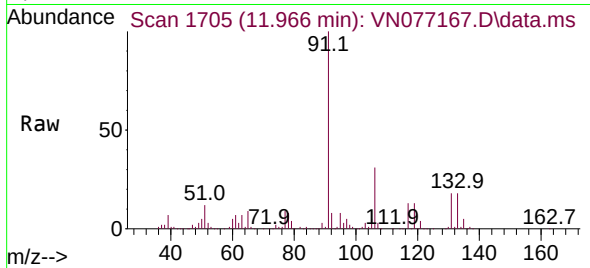
114 32.1 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 49.600 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

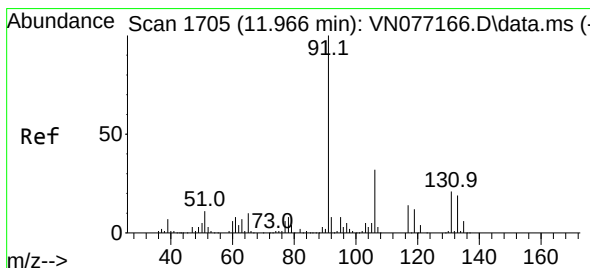
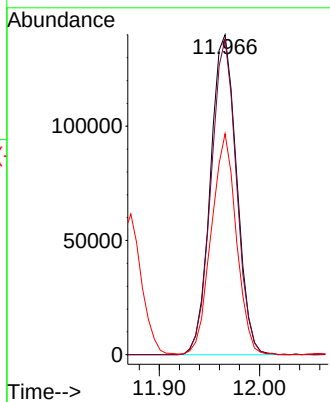
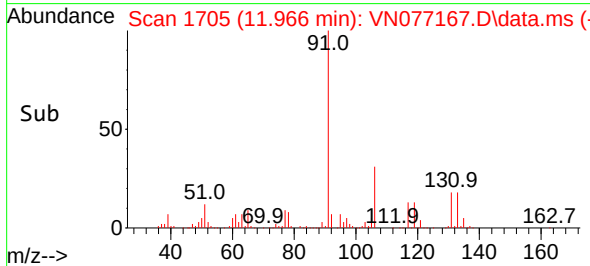
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:131 Resp: 254079
Ion Ratio Lower Upper
131 100
133 95.7 0.0 197.6
119 66.1 0.0 127.8

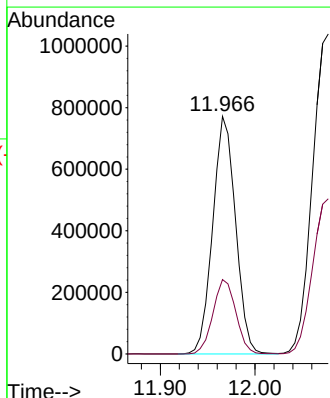
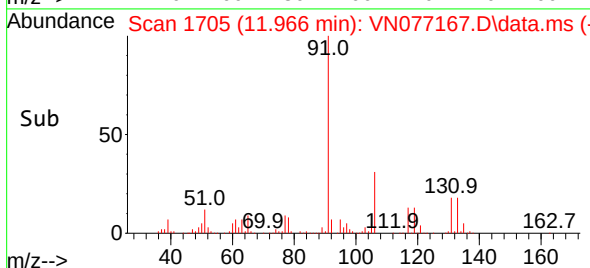
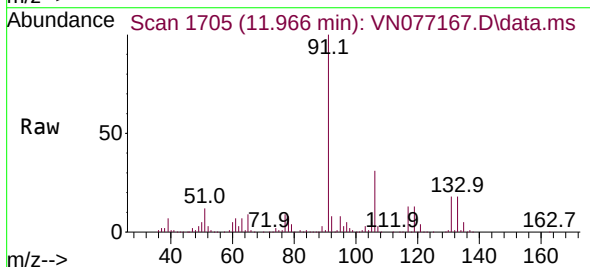
Manual Integrations
APPROVED

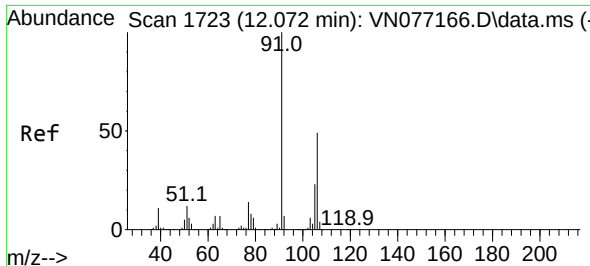
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
Ethyl Benzene
Concen: 51.781 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 91 Resp: 1294784
Ion Ratio Lower Upper
91 100
106 31.3 23.8 35.8





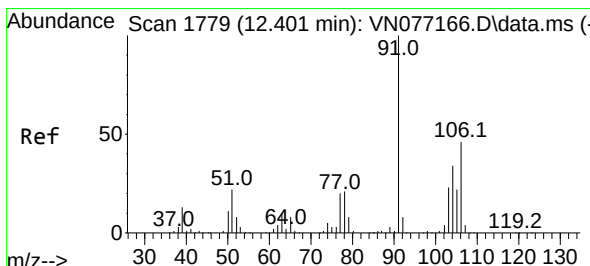
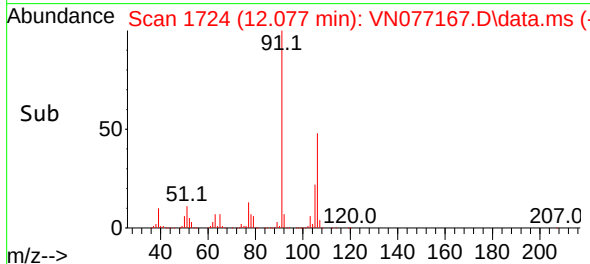
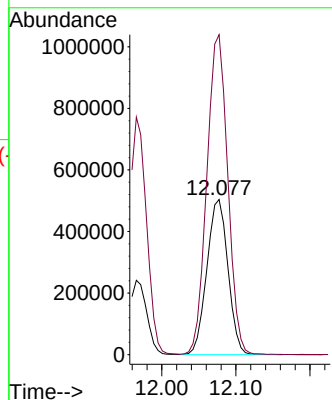
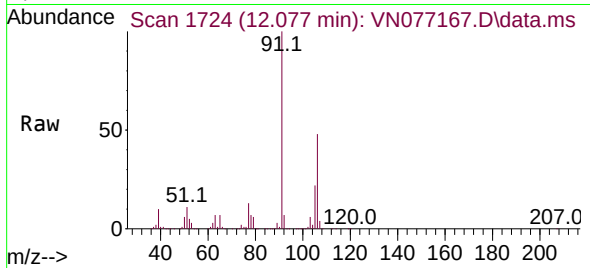
#67
m/p-Xylenes
Concen: 105.373 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:106 Resp: 997600
Ion Ratio Lower Upper
106 100
91 204.0 157.4 236.2

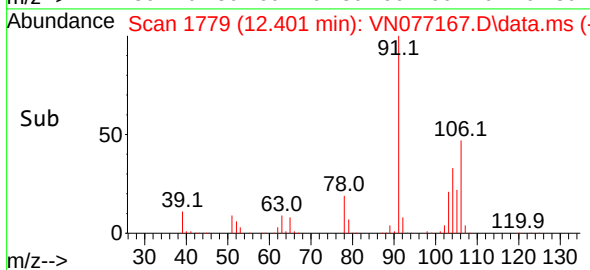
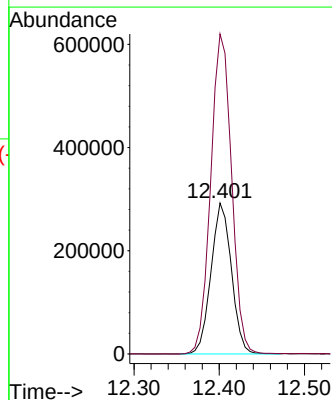
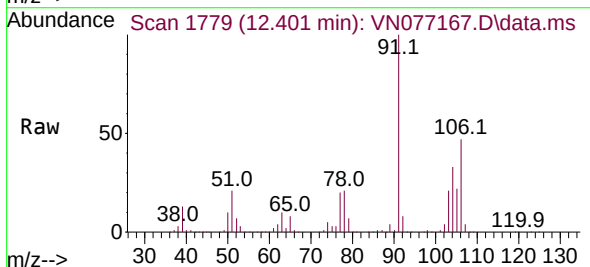
Manual Integrations
APPROVED

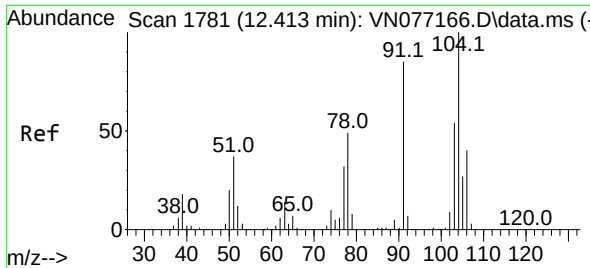
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 52.604 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion:106 Resp: 486528
Ion Ratio Lower Upper
106 100
91 217.0 107.2 321.6





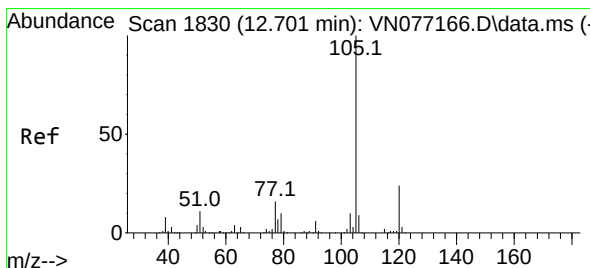
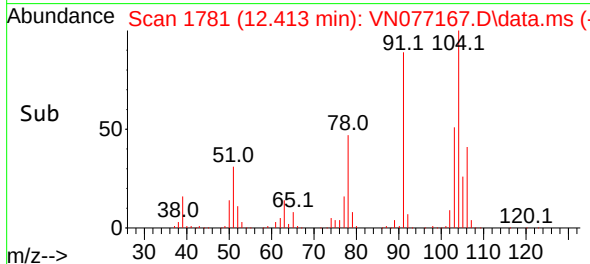
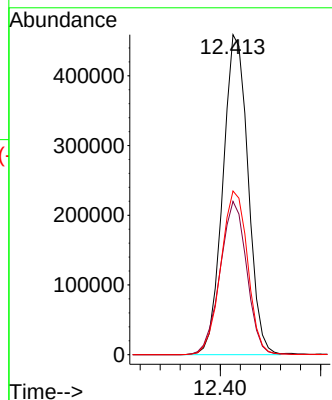
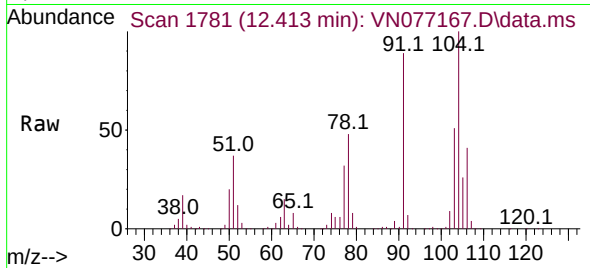
#69
Styrene
Concen: 53.477 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 797732
Ion Ratio Lower Upper
104 100
78 50.8 39.6 59.4
103 54.5 43.9 65.9

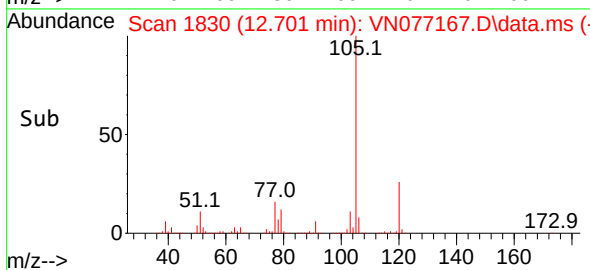
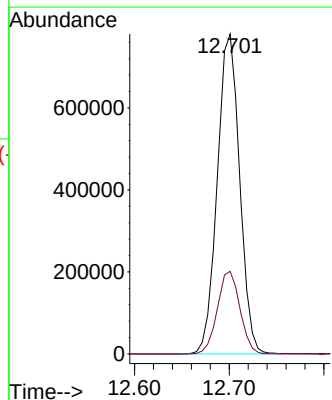
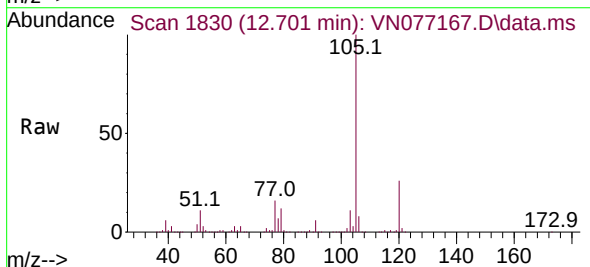
Manual Integrations
APPROVED

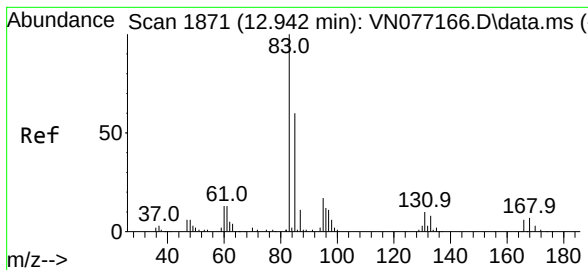
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#70
Isopropylbenzene
Concen: 53.267 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion:105 Resp: 1279803
Ion Ratio Lower Upper
105 100
120 26.0 19.0 35.2





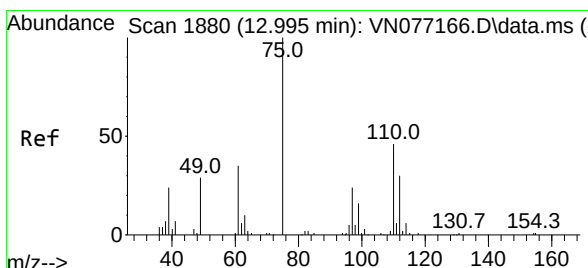
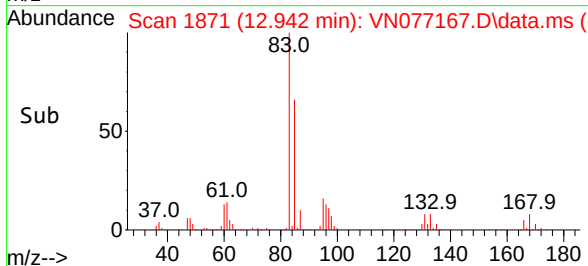
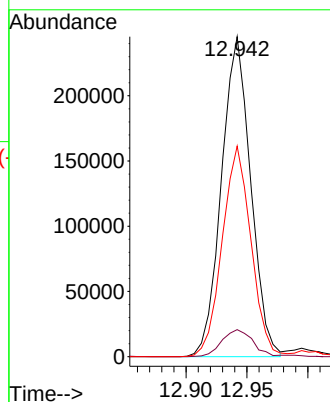
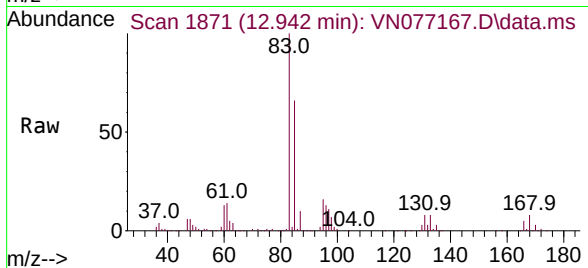
#71
1,1,2,2-Tetrachloroethane
Concen: 54.872 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument : MSVOA_N
ClientSampleId : VSTDIC050

Tgt Ion: 83 Resp: 409830
Ion Ratio Lower Upper
83 100
131 8.9 5.0 14.9
85 64.8 32.3 96.9

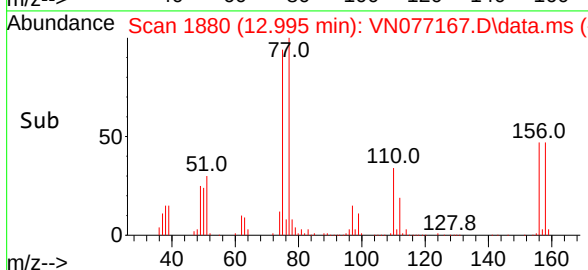
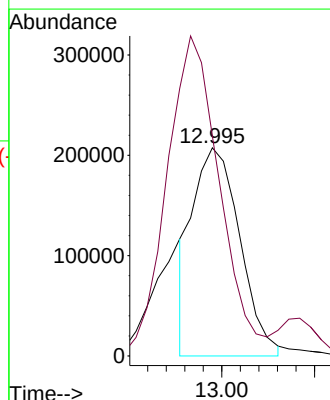
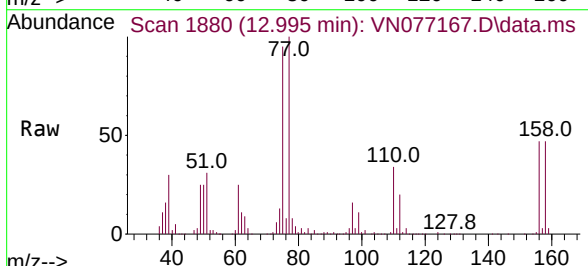
Manual Integrations
APPROVED

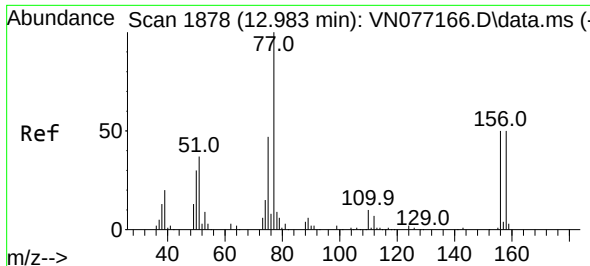
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#72
1,2,3-Trichloropropane
Concen: 53.040 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

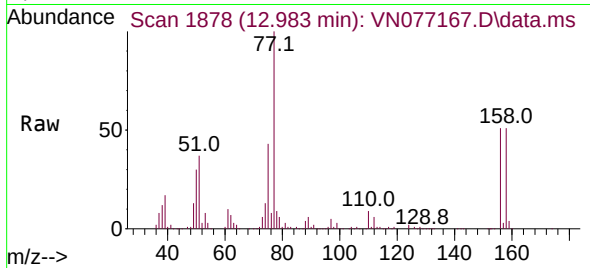
Tgt Ion: 75 Resp: 364345
Ion Ratio Lower Upper
75 100
77 172.9 0.0 332.6





#73
Bromobenzene
Concen: 51.877 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

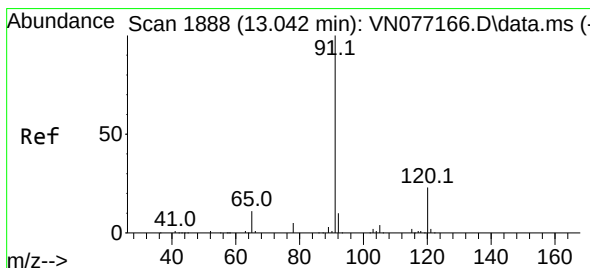
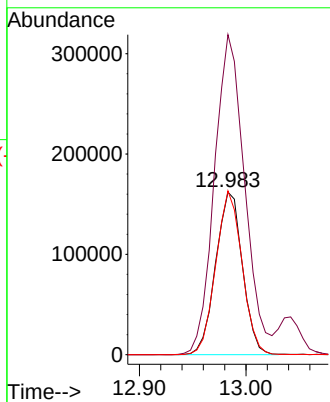
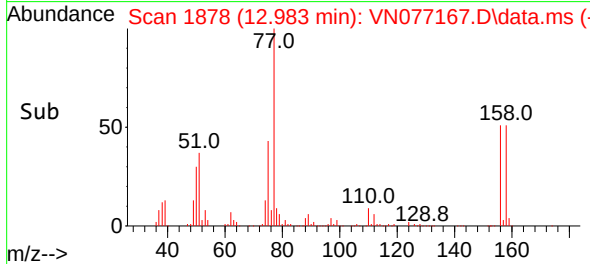
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



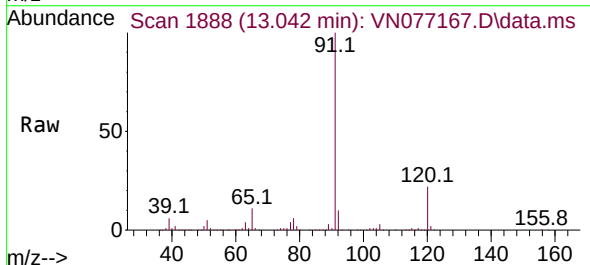
Tgt Ion:156 Resp: 28254
Ion Ratio Lower Upper
156 100
77 222.9 0.0 423.0
158 98.7 0.0 188.6

Manual Integrations
APPROVED

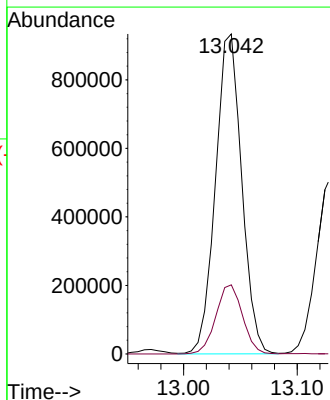
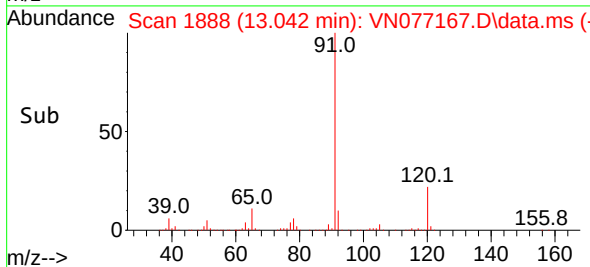
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

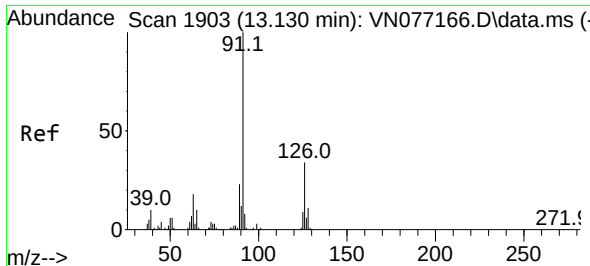


#74
n-propylbenzene
Concen: 53.181 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



Tgt Ion: 91 Resp: 1498584
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0





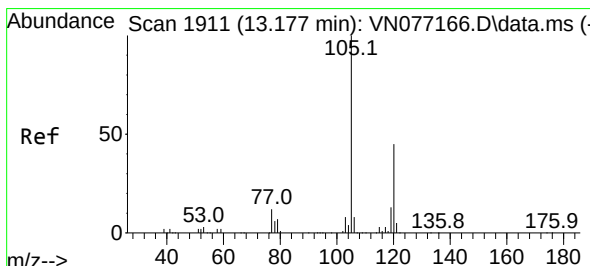
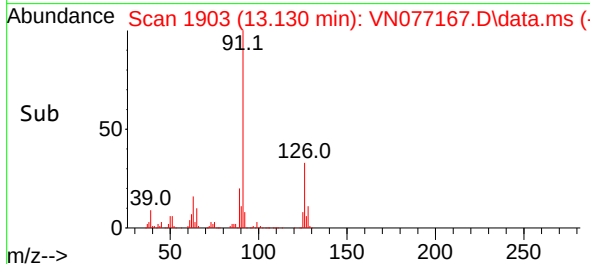
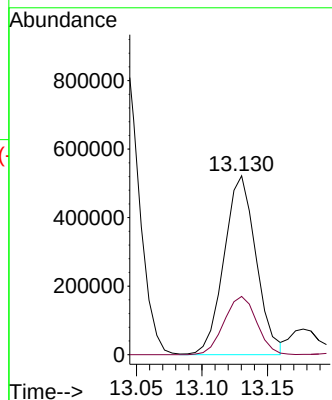
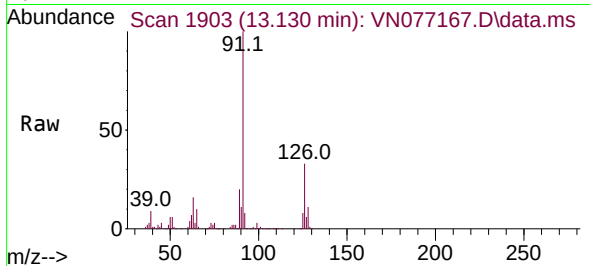
#75
2-Chlorotoluene
Concen: 50.856 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 886823
Ion Ratio Lower Upper
91 100
126 33.1 0.0 66.4

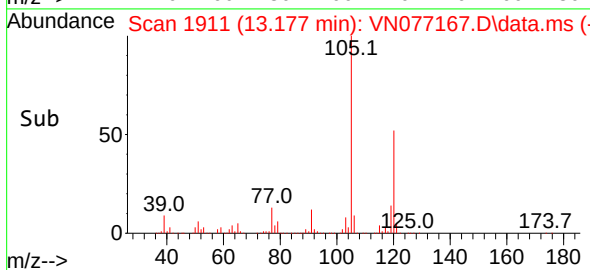
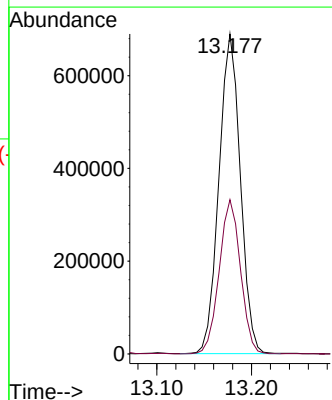
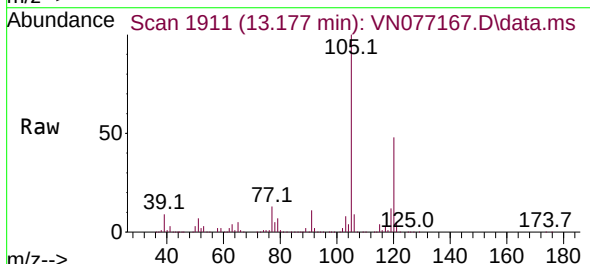
Manual Integrations
APPROVED

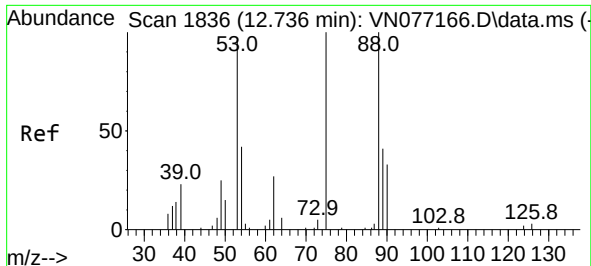
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#76
1,3,5-Trimethylbenzene
Concen: 52.255 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

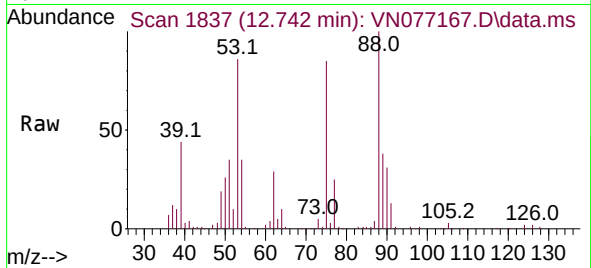
Tgt Ion:105 Resp: 1082914
Ion Ratio Lower Upper
105 100
120 48.0 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 57.635 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

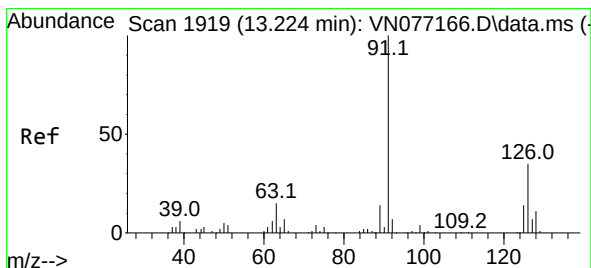
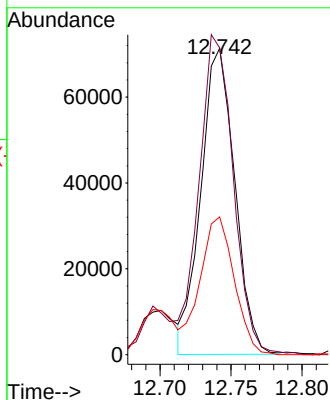
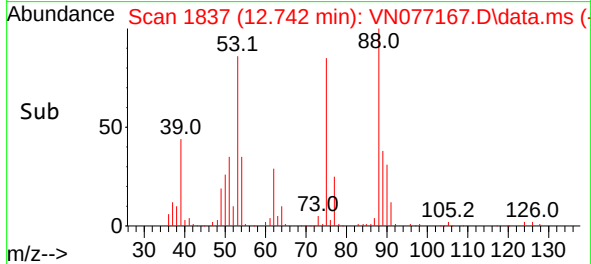
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 11811
Ion Ratio Lower Upper
75 100
53 99.7 50.4 151.3
89 45.2 22.1 66.5

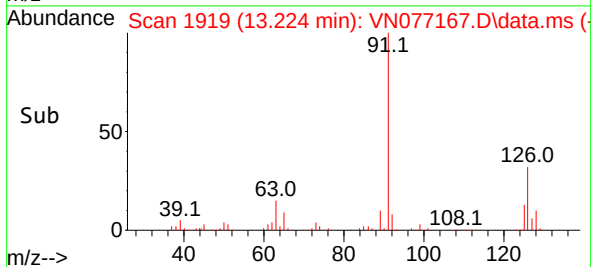
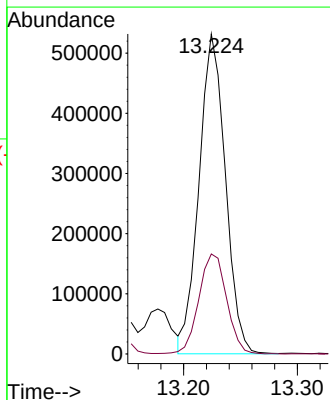
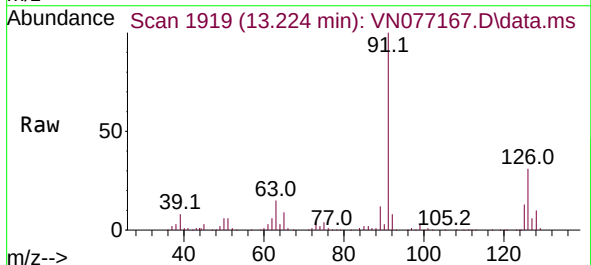
Manual Integrations
APPROVED

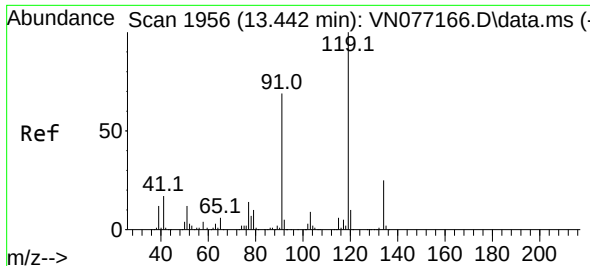
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#78
4-Chlorotoluene
Concen: 51.091 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion: 91 Resp: 857252
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





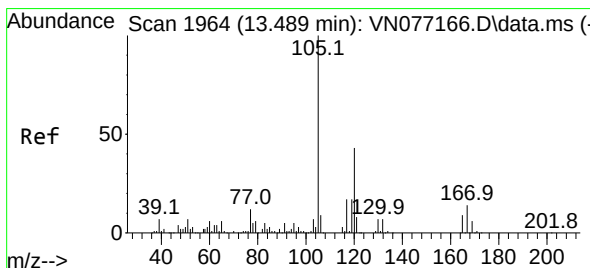
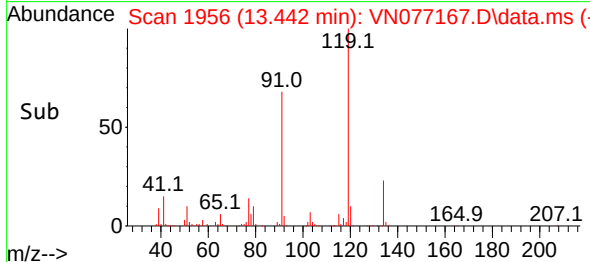
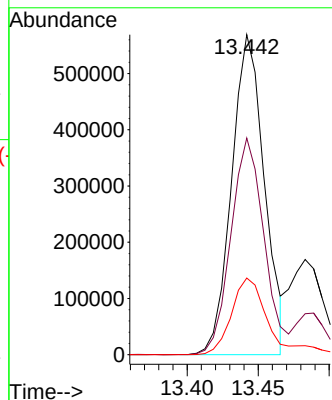
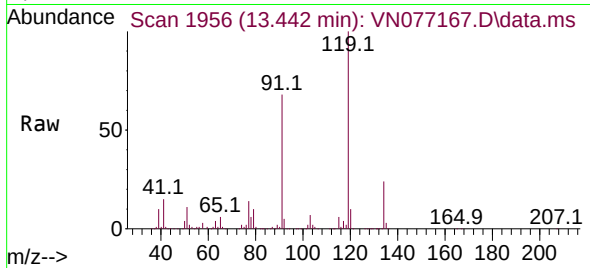
#79
tert-butylbenzene
Concen: 52.558 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 912275
Ion Ratio Lower Upper
119 100
91 68.7 0.0 129.6
134 24.5 0.0 47.8

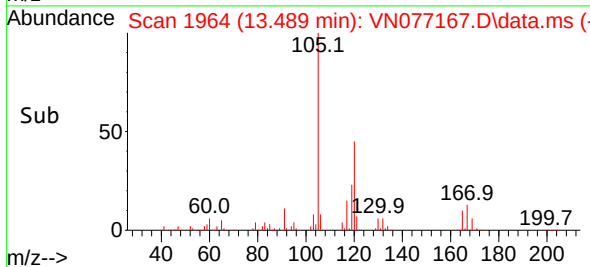
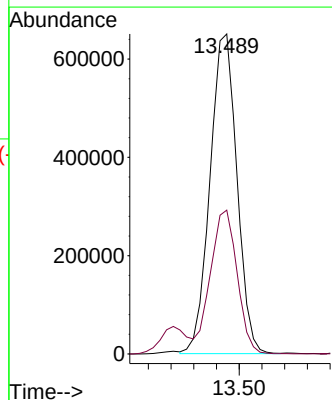
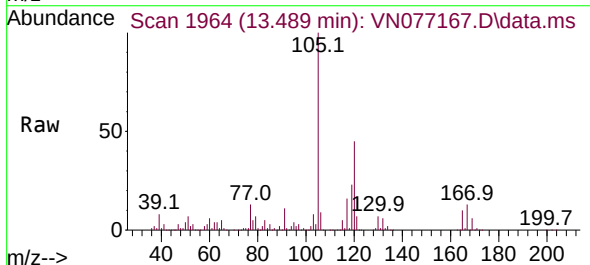
Manual Integrations
APPROVED

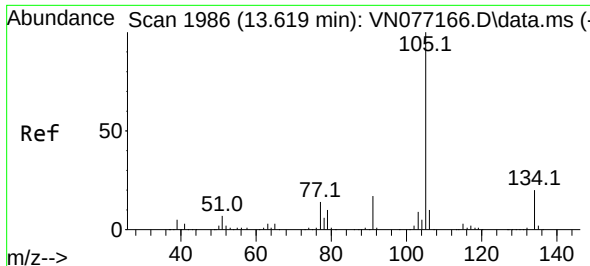
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 52.805 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

Tgt Ion:105 Resp: 1070934
Ion Ratio Lower Upper
105 100
120 44.4 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 53.910 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077167.D
 Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

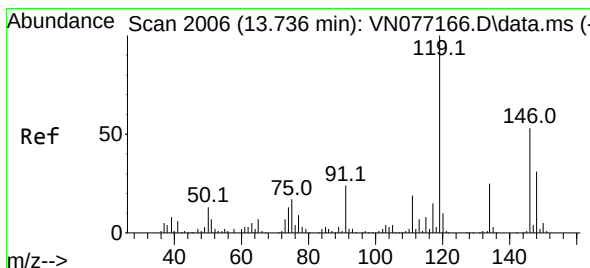
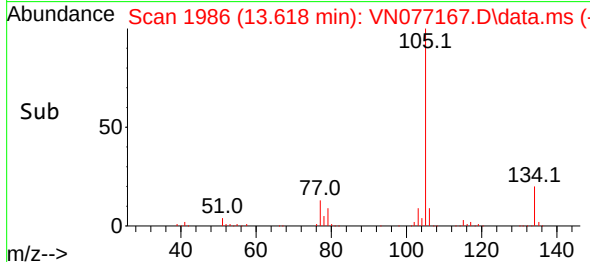
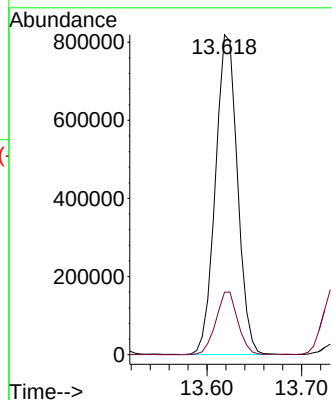
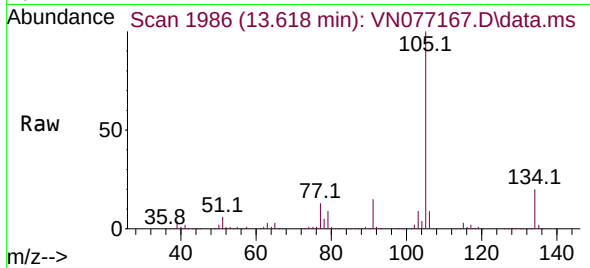
ClientSampleId :

VSTDIC050

Tgt Ion:105 Resp: 133089
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

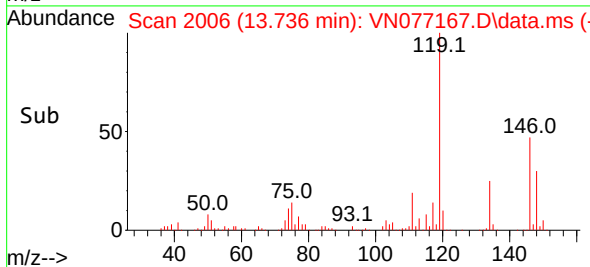
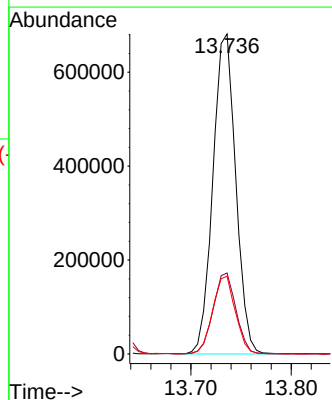
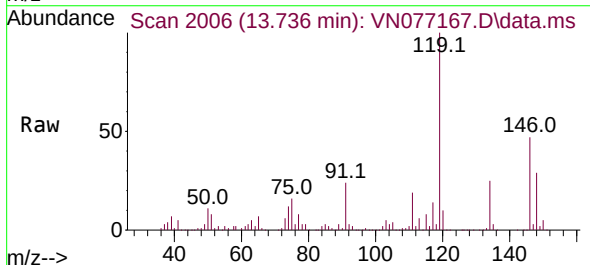
Manual Integrations
 APPROVED

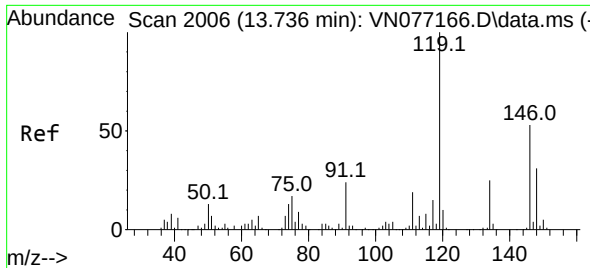
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023



#82
 p-Isopropyltoluene
 Concen: 54.312 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077167.D
 Acq: 23 Mar 2023 23:22

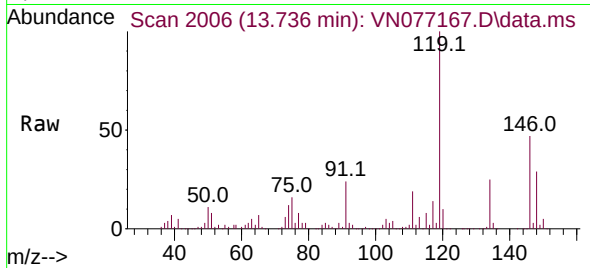
Tgt Ion:119 Resp: 1079230
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 53.4
 91 24.0 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 52.901 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

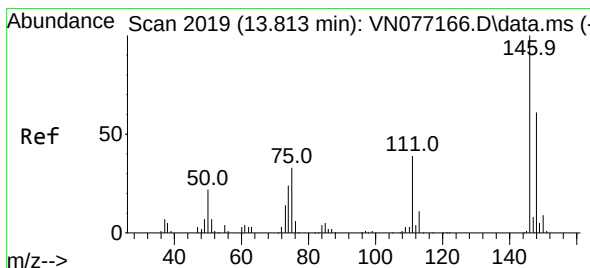
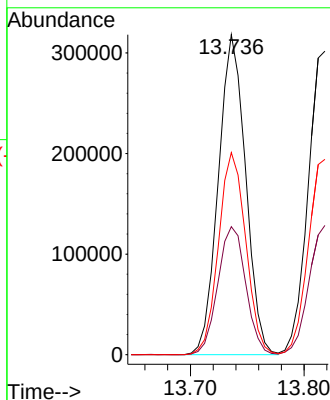
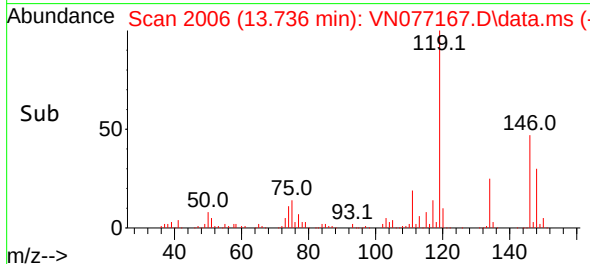
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



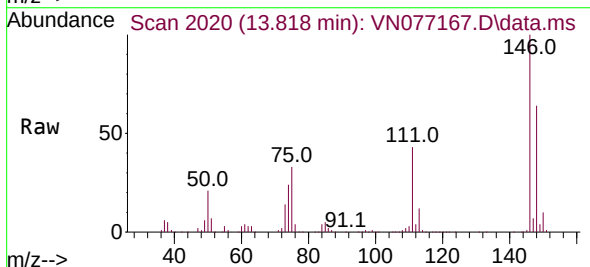
Tgt Ion:146 Resp: 53144
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.8
148 63.1 31.9 95.5

Manual Integrations
APPROVED

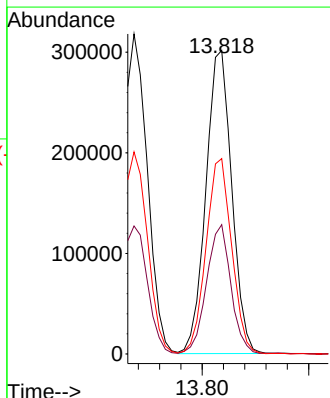
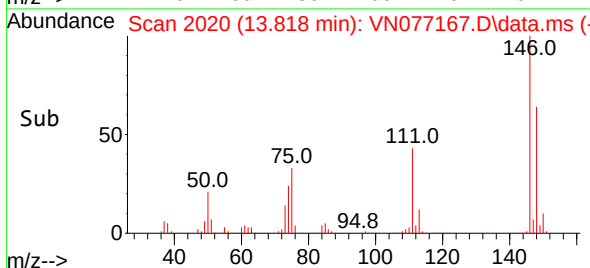
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

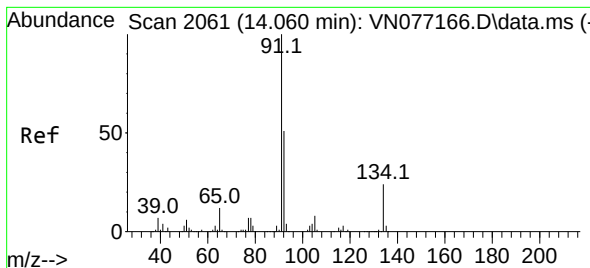


#84
1,4-Dichlorobenzene
Concen: 52.303 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



Tgt Ion:146 Resp: 508050
Ion Ratio Lower Upper
146 100
111 40.2 18.2 54.6
148 64.1 31.1 93.2





#85

n-Butylbenzene

Concen: 54.816 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

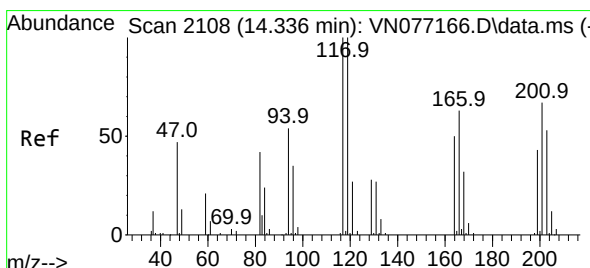
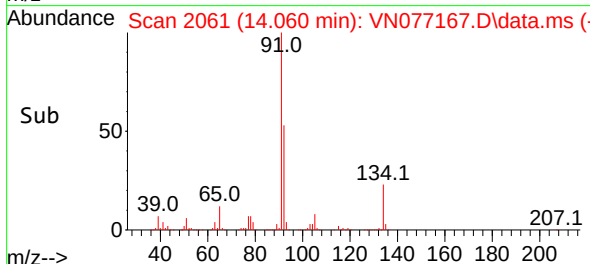
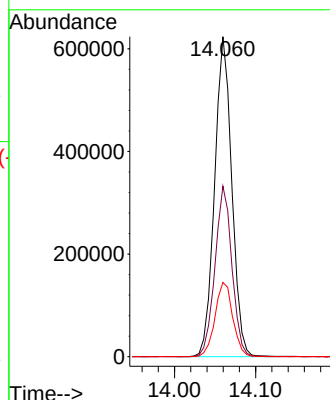
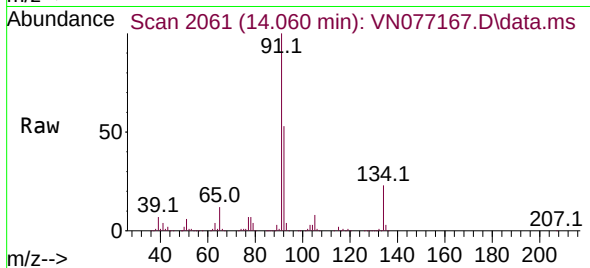
Tgt Ion:	91	Resp:	91787
Ion	Ratio	Lower	Upper
91	100		
92	52.7	0.0	103.2
134	24.0	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#86

Hexachloroethane

Concen: 53.699 ug/l

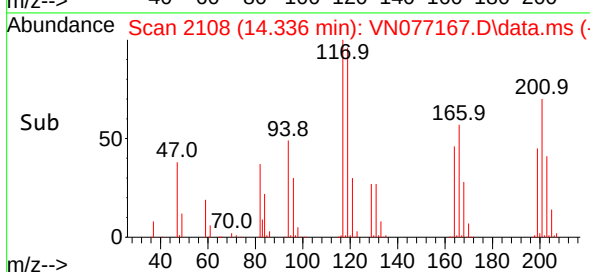
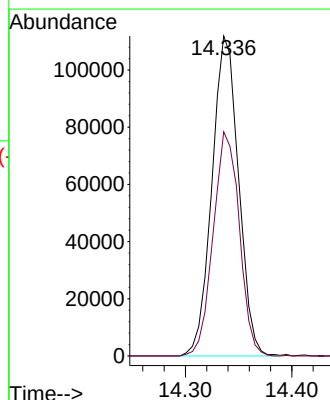
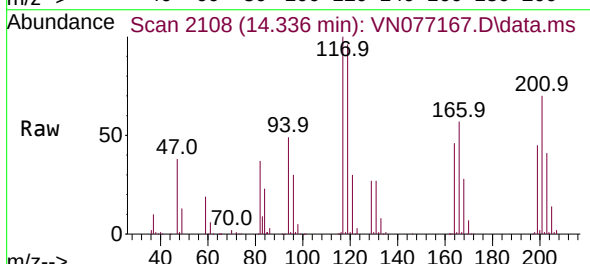
RT: 14.336 min Scan# 2108

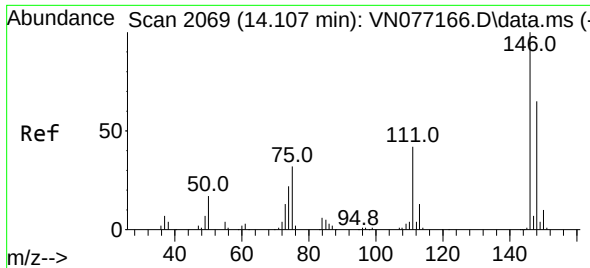
Delta R.T. -0.000 min

Lab File: VN077167.D

Acq: 23 Mar 2023 23:22

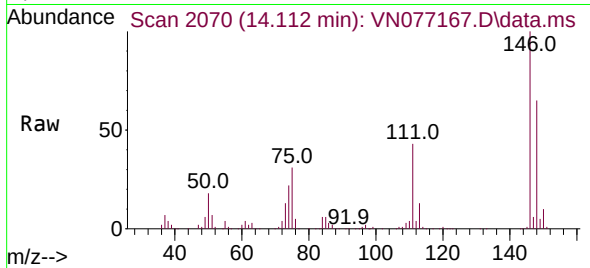
Tgt Ion:	117	Resp:	194247
Ion	Ratio	Lower	Upper
117	100		
201	68.7	32.2	96.6





#87
1,2-Dichlorobenzene
Concen: 52.109 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

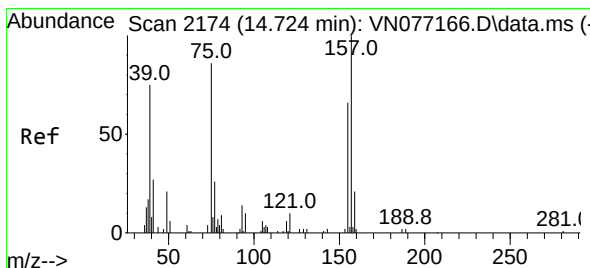
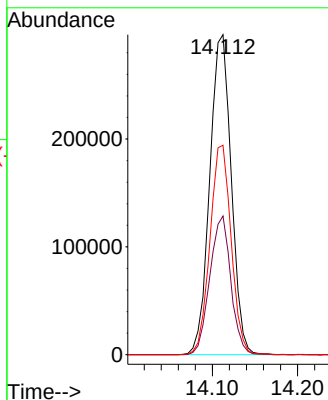
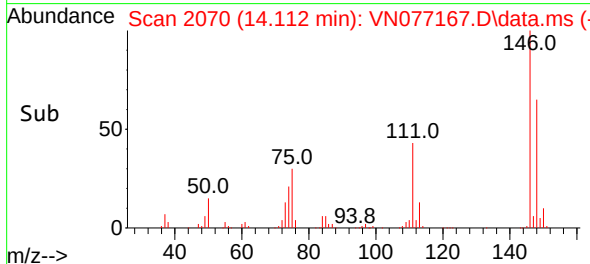
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



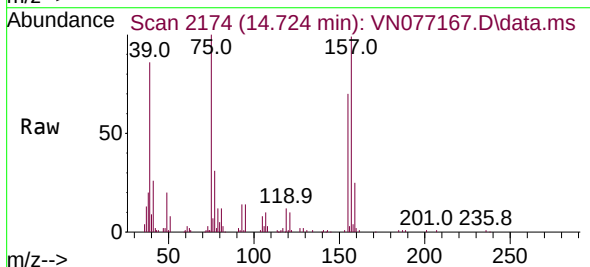
Tgt Ion:146 Resp: 52056
Ion Ratio Lower Upper
146 100
111 42.3 20.5 61.6
148 64.5 32.5 97.5

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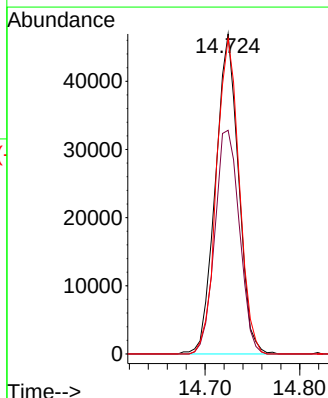
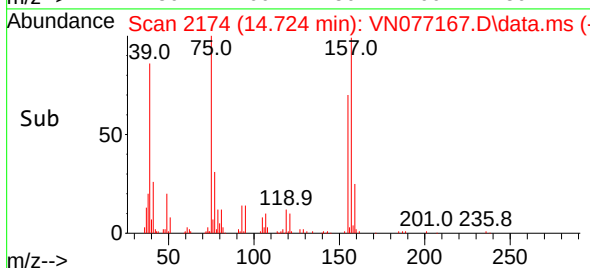
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

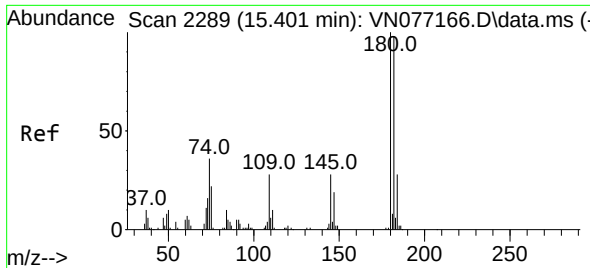


#88
1,2-Dibromo-3-Chloropropane
Concen: 55.116 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



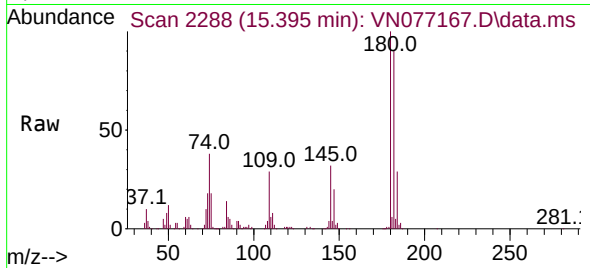
Tgt Ion: 75 Resp: 79425
Ion Ratio Lower Upper
75 100
155 74.3 62.5 93.7
157 97.1 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 49.587 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

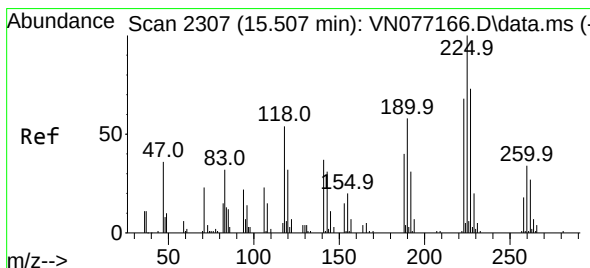
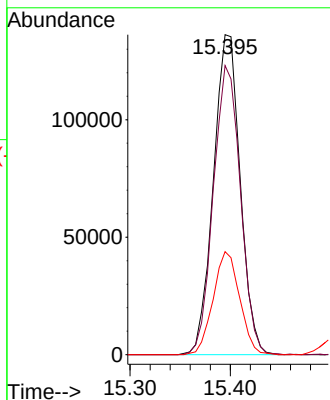
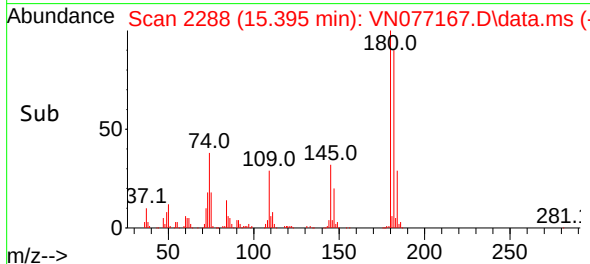
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



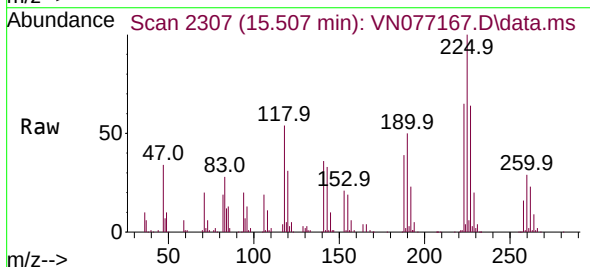
Tgt Ion:180 Resp: 25275
Ion Ratio Lower Upper
180 100
182 91.2 76.6 115.0
145 31.9 24.6 36.8

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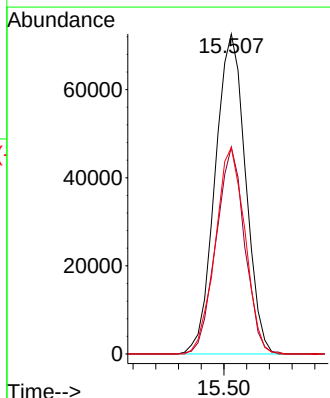
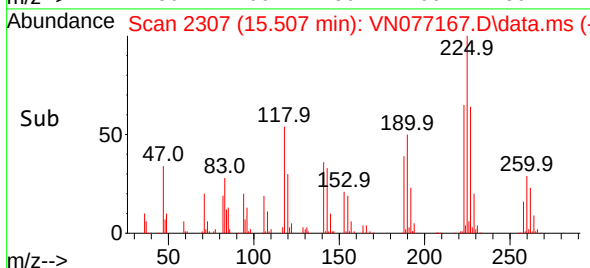
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

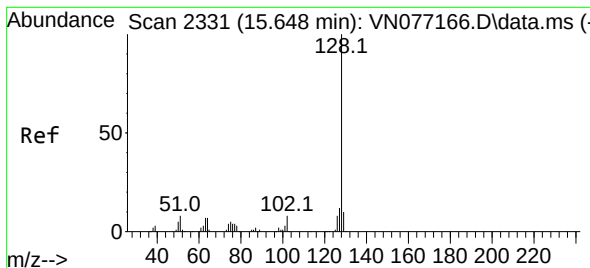


#90
Hexachlorobutadiene
Concen: 49.094 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



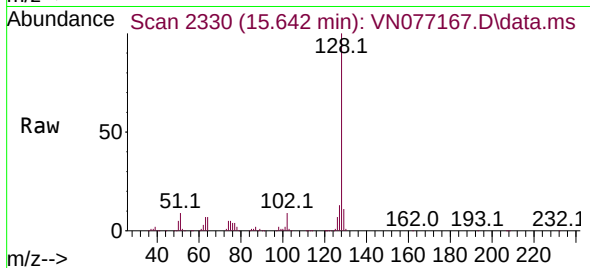
Tgt Ion:225 Resp: 134888
Ion Ratio Lower Upper
225 100
223 61.0 0.0 135.4
227 63.1 0.0 129.4





#91
Naphthalene
Concen: 52.770 ug/l
RT: 15.642 min Scan# 211
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22

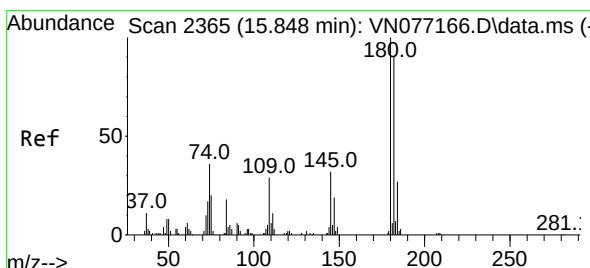
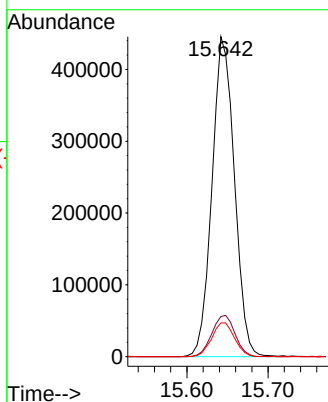
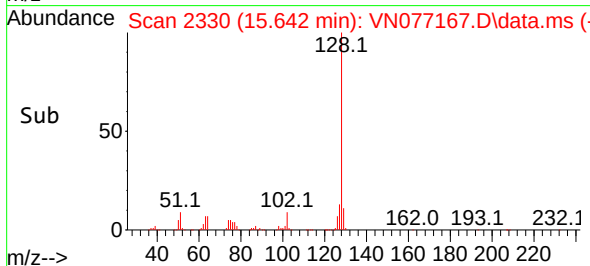
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



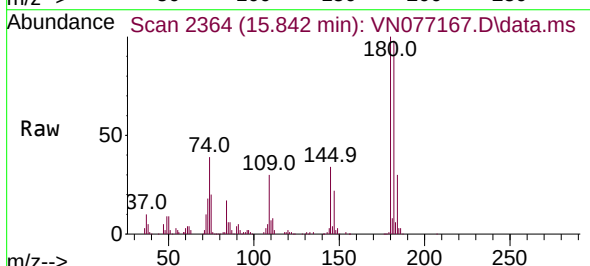
Tgt Ion:128 Resp: 85414
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 10.8 8.9 13.3

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



#92
1,2,3-Trichlorobenzene
Concen: 49.143 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077167.D
Acq: 23 Mar 2023 23:22



Tgt Ion:180 Resp: 251209
Ion Ratio Lower Upper
180 100
182 93.7 0.0 190.8
145 33.1 0.0 65.0

