

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032423\
 Data File : VN077171.D
 Acq On : 24 Mar 2023 01:24
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN032423

Manual Integrations
 APPROVED

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

Quant Time: Mar 24 05:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	41818	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	289761	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.872	117	318242	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	128939	30.361	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.200%			
60) 4-Bromofluorobenzene	12.854	95	168149	29.411	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.033%			
63) Toluene-d8	10.572	98	336507	29.621	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.733%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	63068	22.904	ug/l	98
3) Chloromethane	2.378	50	102433	23.376	ug/l	94
4) Vinyl Chloride	2.525	62	132170	21.393	ug/l	98
5) Bromomethane	2.972	94	115683	26.705	ug/l	89
6) Chloroethane	3.131	64	127877	24.828	ug/l	93
7) Trichlorofluoromethane	3.507	101	177249	19.930	ug/l	97
8) Diethyl Ether	3.972	74	65074	20.853	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	92744	19.943	ug/l	98
10) 1,1-Dichloroethene	4.354	96	88429	20.322	ug/l	96
11) Methyl Iodide	4.607	142	89861	19.391	ug/l	95
12) Methyl Acetate	5.037	43	196737	20.967	ug/l	97
13) Acrolein	4.196	56	131356	103.301	ug/l	97
14) Acrylonitrile	5.731	53	303240	106.539	ug/l	99
15) Acetone	4.443	58	80774	108.533	ug/l	99
16) Carbon Disulfide	4.725	76	242705	19.750	ug/l	98
17) Allyl chloride	5.037	41	152666	19.948	ug/l	94
18) Methylene Chloride	5.290	84	109627	20.499	ug/l	92
19) trans-1,2-Dichloroethene	5.796	96	96063	20.606	ug/l	91
20) Diisopropyl ether	6.690	45	371054	21.403	ug/l	97
21) 1,1-Dichloroethane	6.578	63	198161	20.302	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	111850	20.321	ug/l	98
23) tert-Butyl Alcohol	5.531	59	97641	101.065	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	324073	20.977	ug/l	99
25) Chloroform	7.972	83	199128	20.851	ug/l	99
26) Cyclohexane	8.266	56	172157	20.912	ug/l #	99
29) 1,1-Dichloropropene	8.378	75	142682	20.298	ug/l	98
30) 2-Butanone	7.495	43	418231	103.136	ug/l	98
31) 2,2-Dichloropropane	7.495	77	125469	19.055	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	168667	19.901	ug/l	99
33) Carbon Tetrachloride	8.372	117	144474	20.292	ug/l	91
34) Benzene	8.613	78	436636	20.265	ug/l	95
35) Methacrylonitrile	7.790	41	91059	20.456	ug/l	97
36) 1,2-Dichloroethane	8.678	62	164823	20.749	ug/l	98
37) Trichloroethene	9.360	130	97039	19.921	ug/l	99
38) Methylcyclohexane	9.607	83	156779	18.736	ug/l	97
39) 1,2-Dichloropropane	9.631	63	116167	20.139	ug/l	92
40) Dibromomethane	9.719	93	75868	20.568	ug/l	94
41) Bromodichloromethane	9.895	83	149768	19.939	ug/l	92
42) Vinyl Acetate	6.613	43	1218852	100.277	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	169921	20.975	ug/l	100
44) Isopropyl Acetate	8.695	43	263485	20.154	ug/l	98
45) 1,4-Dioxane	9.695	88	43335	407.656	ug/l	96
46) Methyl methacrylate	9.684	41	128169	21.263	ug/l	97
47) n-amyl Acetate	12.495	43	209134	19.014	ug/l	95
48) t-1,3-Dichloropropene	10.842	75	144916	18.994	ug/l	99
49) cis-1,3-Dichloropropene	10.313	75	162471	19.452	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	105810	20.435	ug/l	94
51) Ethyl methacrylate	10.878	69	158718	19.853	ug/l	95
52) 1,3-Dichloropropane	11.166	76	188586	20.518	ug/l	98
53) Dibromochloromethane	11.360	129	107721	20.093	ug/l	95
54) 1,2-Dibromoethane	11.472	107	102983	20.211	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	315273	94.320	ug/l	98
56) Bromoform	12.583	173	69565	18.492	ug/l	97
58) 4-Methyl-2-Pentanone	10.448	43	871343	106.086	ug/l	99
59) 2-Hexanone	11.201	43	630830	105.335	ug/l	99
61) Tetrachloroethene	11.107	164	81674	20.448	ug/l	95
62) Toluene	10.631	91	459505	20.544	ug/l	99
64) Chlorobenzene	11.895	112	263426	19.907	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.966	131	97658	20.095	ug/l	97
66) Ethyl Benzene	11.966	91	489113	20.351	ug/l	100
67) m/p-Xylenes	12.077	106	367290	39.712	ug/l	93
68) o-Xylene	12.401	106	185661	20.503	ug/l	99
69) Styrene	12.413	104	286894	19.511	ug/l	96
70) Isopropylbenzene	12.701	105	460446	19.608	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.936	83	160303	20.856	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	144884m	21.296	ug/l	
73) Bromobenzene	12.983	156	106191	20.228	ug/l	93
74) n-propylbenzene	13.042	91	537679	19.778	ug/l	100
75) 2-Chlorotoluene	13.130	91	326675	19.930	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	393986	20.213	ug/l	95
77) t-1,4-Dichloro-2-butene	12.742	75	41530	19.149	ug/l	90
78) 4-Chlorotoluene	13.224	91	311508	19.756	ug/l	96
79) tert-butylbenzene	13.442	119	327042	19.640	ug/l	95
80) 1,2,4-Trimethylbenzene	13.483	105	383033	19.802	ug/l	99
81) sec-Butylbenzene	13.619	105	468345	19.479	ug/l	100
82) p-Isopropyltoluene	13.730	119	375746	19.496	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	193839	19.941	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	184625	19.497	ug/l	98
85) n-Butylbenzene	14.060	91	302501	18.569	ug/l	98
86) Hexachloroethane	14.342	117	73533	20.007	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	193879	19.945	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	29953	20.310	ug/l	97
89) 1,2,4-Trichlorobenzene	15.395	180	80536	18.572	ug/l	97
90) Hexachlorobutadiene	15.507	225	49064	20.056	ug/l	94
91) Naphthalene	15.648	128	263476	18.516	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	82855	19.242	ug/l	95

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

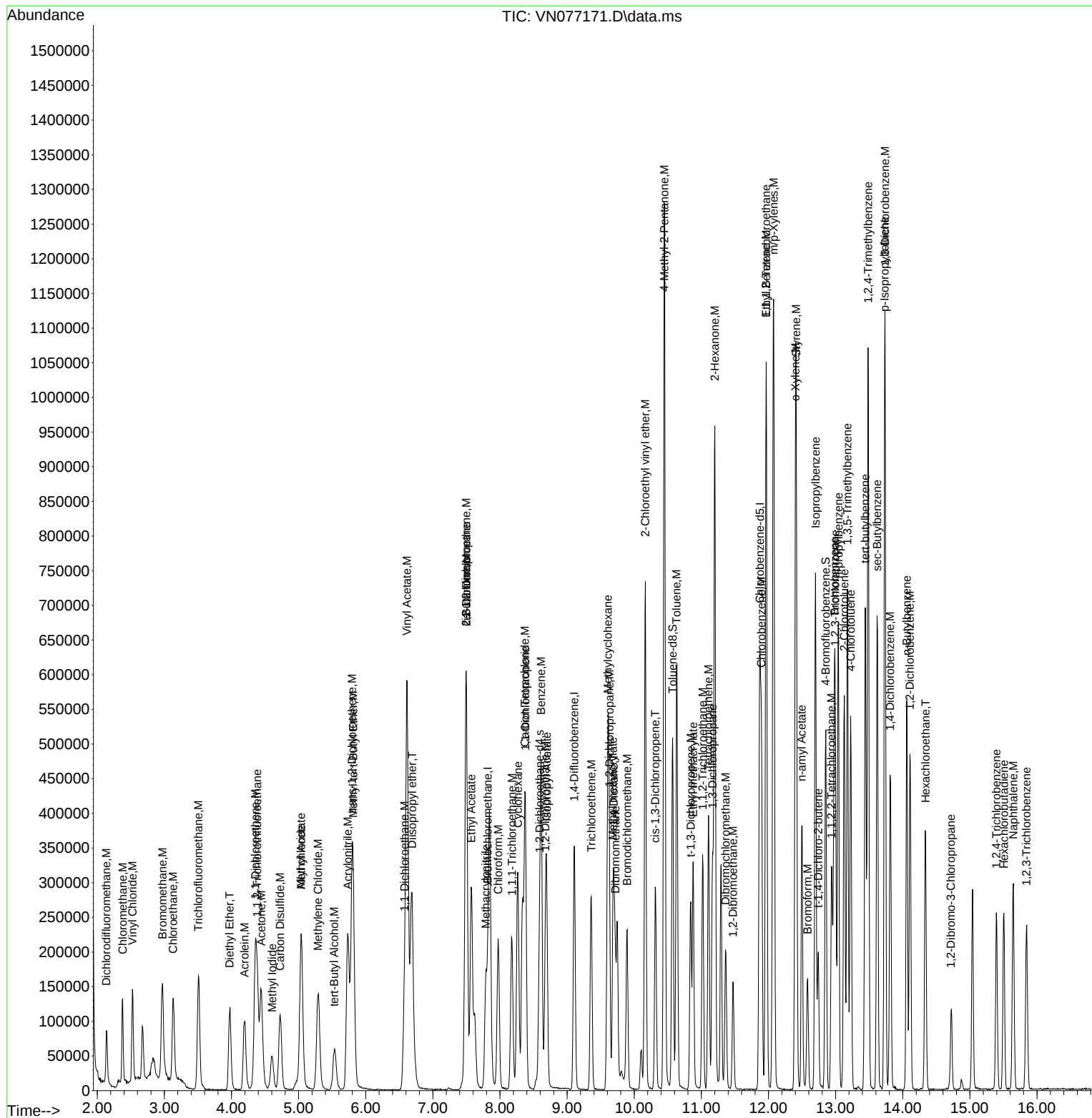
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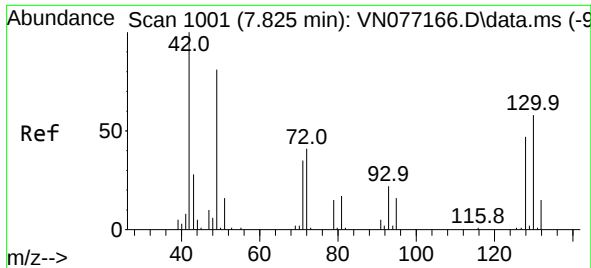
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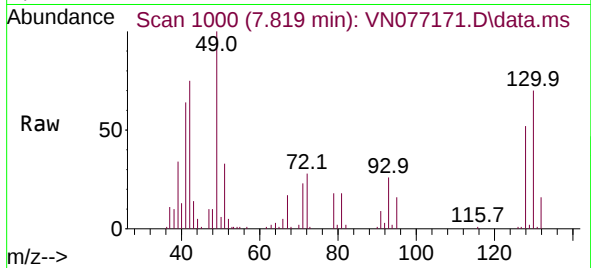
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

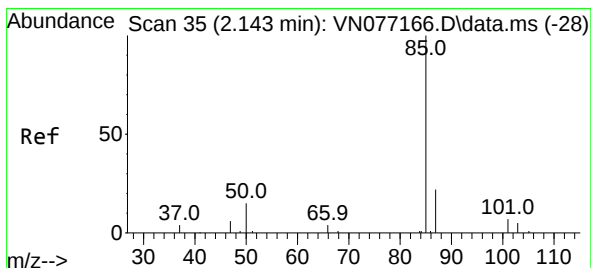
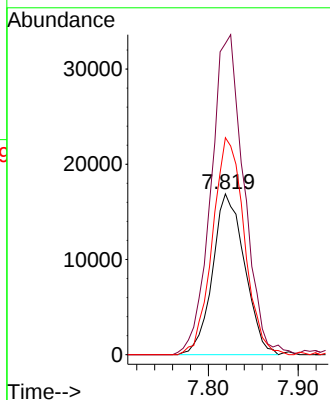
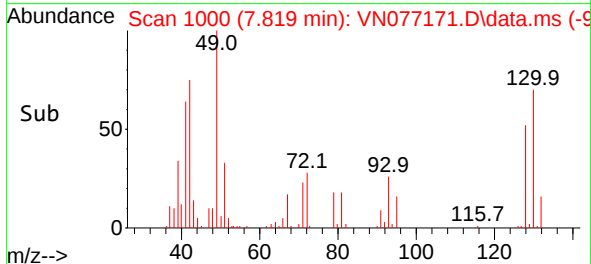
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion:128 Resp: 41818
Ion Ratio Lower Upper
128 100
49 203.0 0.0 461.8
130 134.4 0.0 295.3

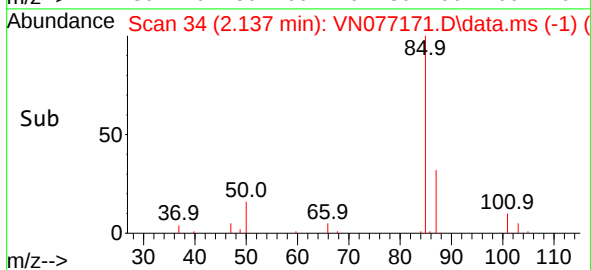
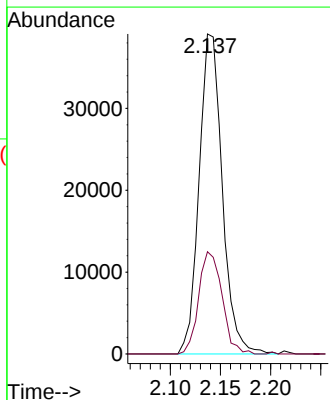
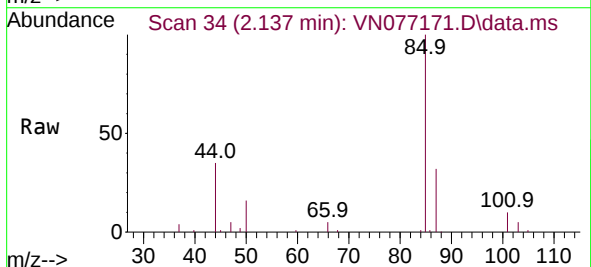
Manual Integrations
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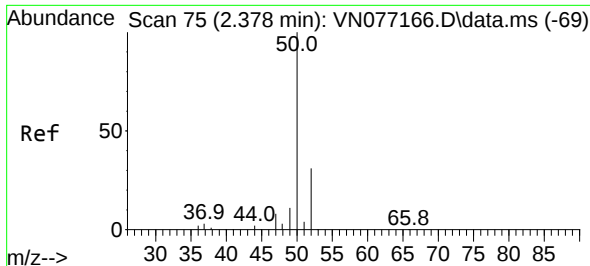
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#2
Dichlorodifluoromethane
Concen: 22.904 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

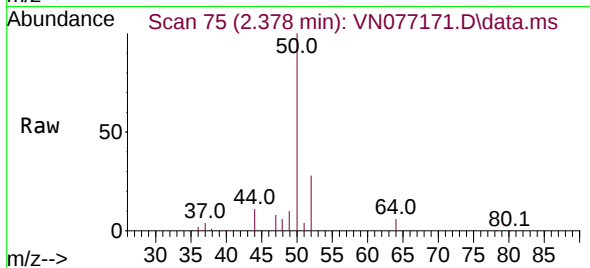
Tgt Ion: 85 Resp: 63068
Ion Ratio Lower Upper
85 100
87 32.0 15.4 46.1





#3
Chloromethane
Concen: 23.376 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

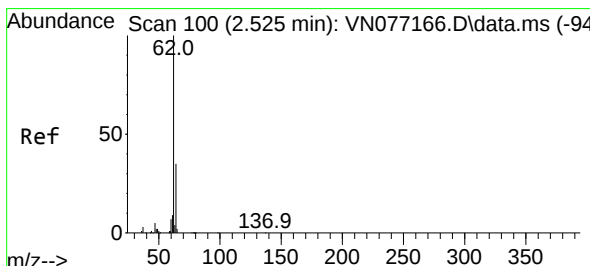
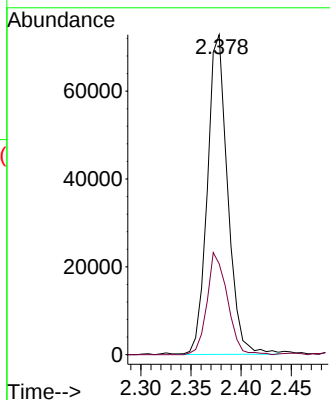
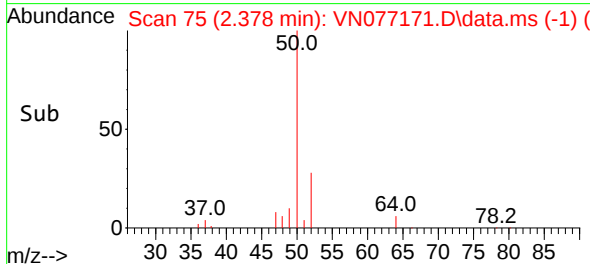
Instrument :
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Tgt Ion: 50 Resp: 10243
Ion Ratio Lower Upper
50 100
52 28.5 25.3 37.9

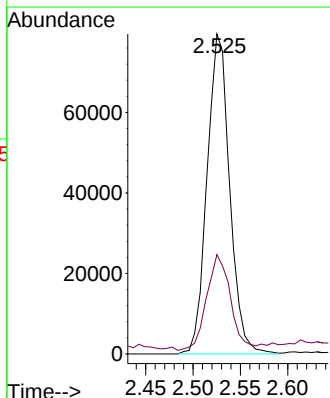
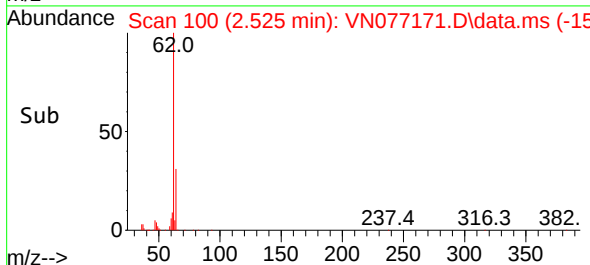
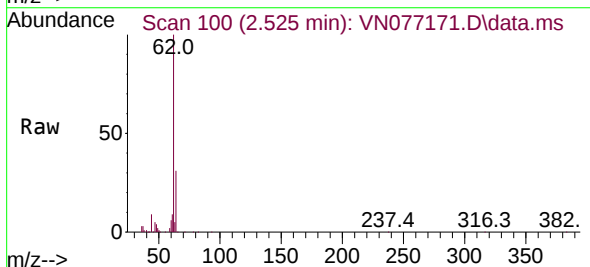
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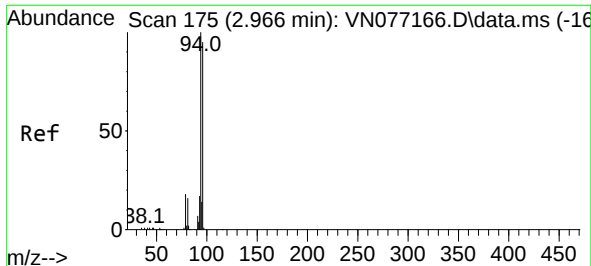
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#4
Vinyl Chloride
Concen: 21.393 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

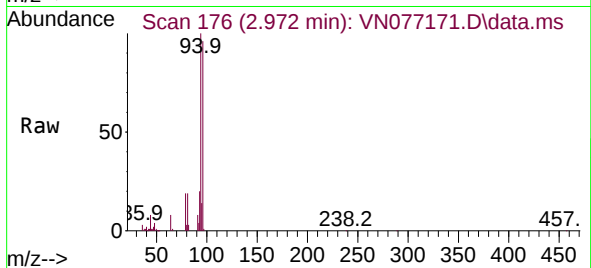
Tgt Ion: 62 Resp: 132170
Ion Ratio Lower Upper
62 100
64 30.0 23.1 34.7





#5
Bromomethane
Concen: 26.705 ug/l
RT: 2.972 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

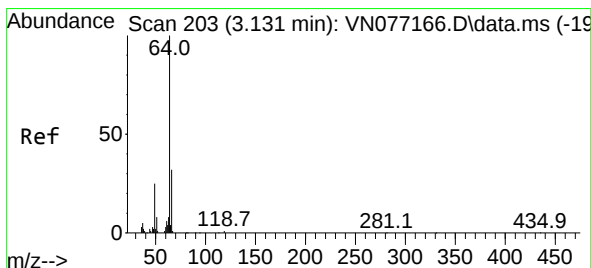
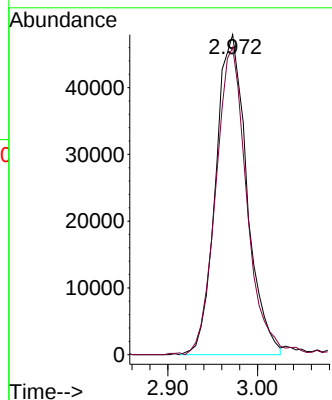
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 94 Resp: 11568
Ion Ratio Lower Upper
94 100
96 95.4 68.6 103.0

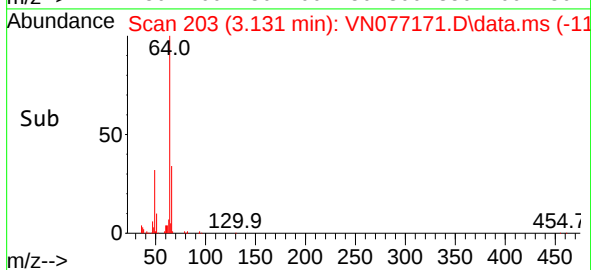
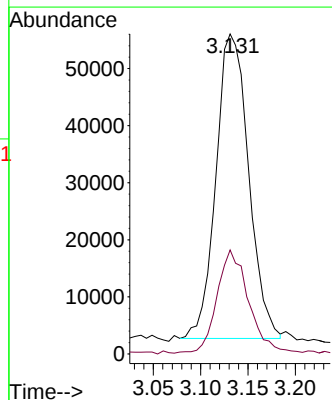
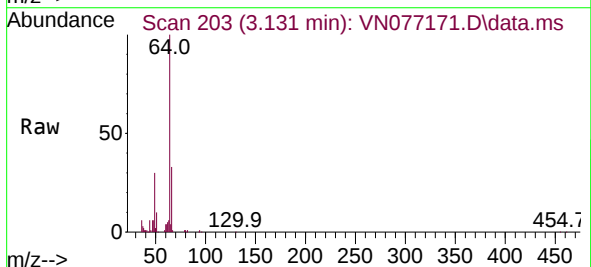
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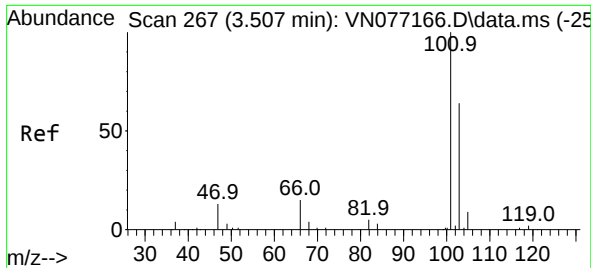
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#6
Chloroethane
Concen: 24.828 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

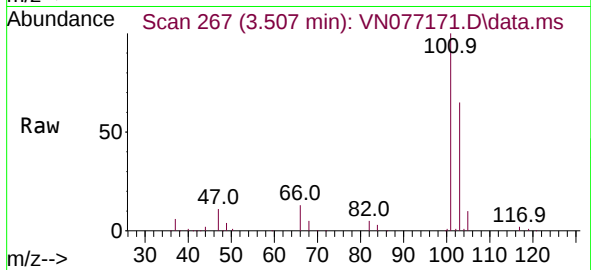
Tgt Ion: 64 Resp: 127877
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.6





#7
Trichlorofluoromethane
Concen: 19.930 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077171.D
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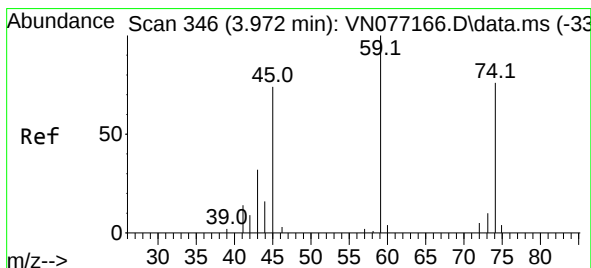
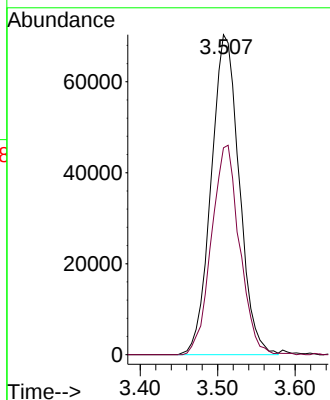
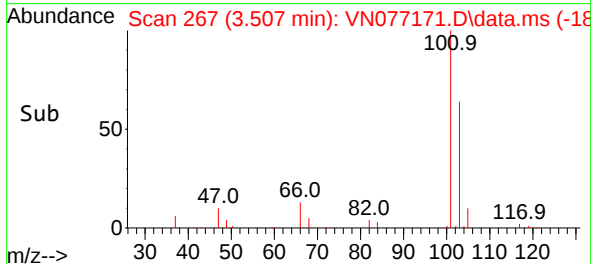
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Tgt Ion:101 Resp: 177249
Ion Ratio Lower Upper
101 100
103 64.7 50.2 75.2

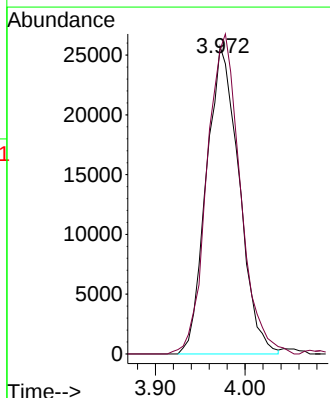
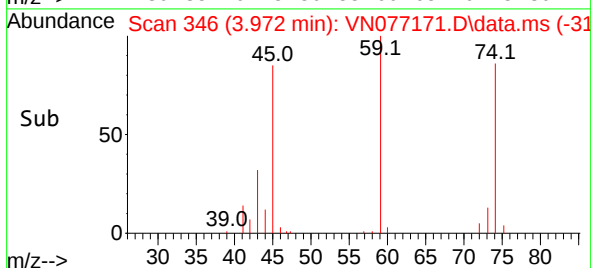
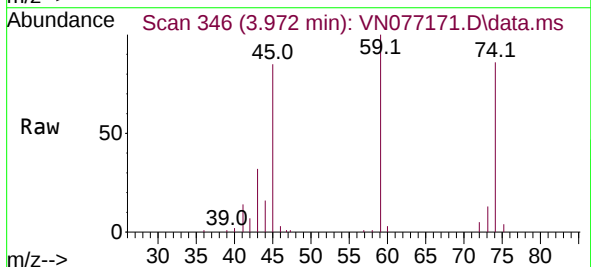
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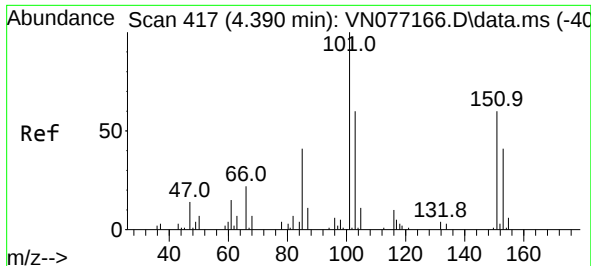
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#8
Diethyl Ether
Concen: 20.853 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 74 Resp: 65074
Ion Ratio Lower Upper
74 100
45 106.0 21.4 193.0





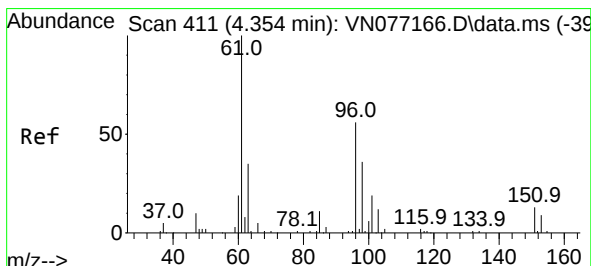
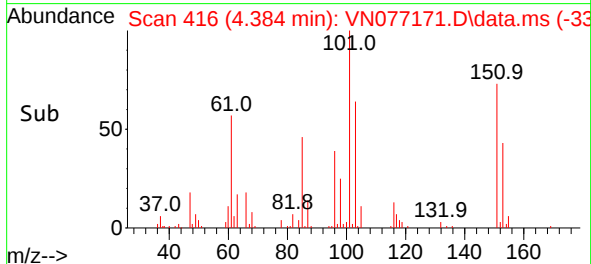
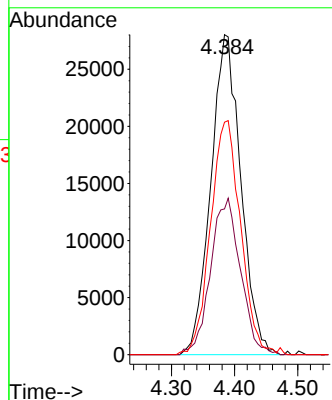
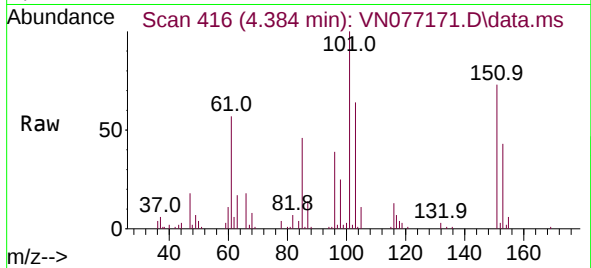
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.943 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 92744
Ion Ratio Lower Upper
101 100
85 48.6 0.0 95.2
151 72.4 0.0 142.2

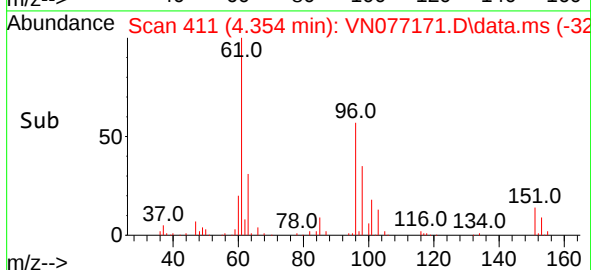
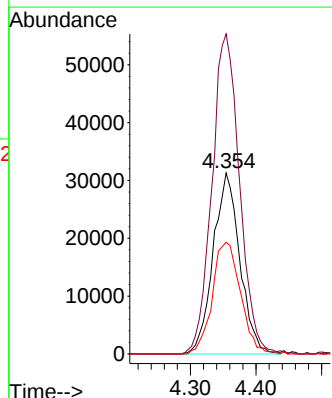
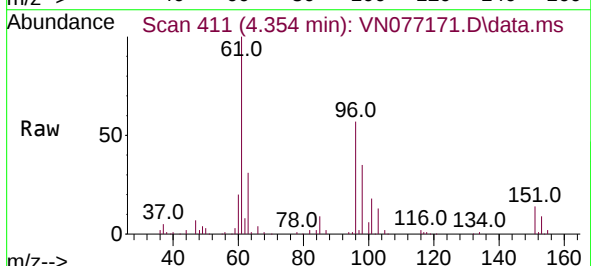
Manual Integrations
APPROVED

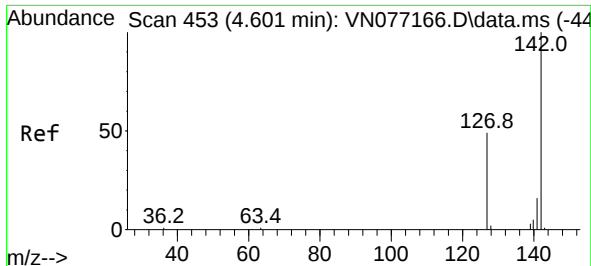
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#10
1,1-Dichloroethene
Concen: 20.322 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

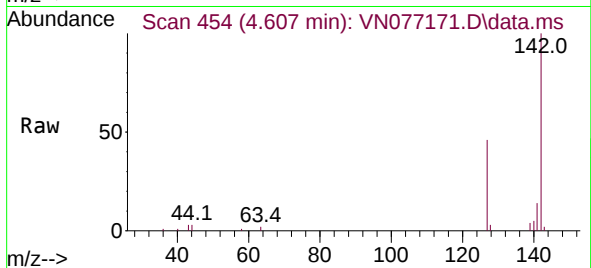
Tgt Ion: 96 Resp: 88429
Ion Ratio Lower Upper
96 100
61 176.8 137.1 205.7
98 61.7 53.2 79.8





#11
Methyl Iodide
Concen: 19.391 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

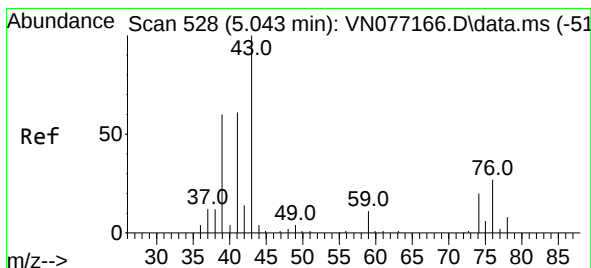
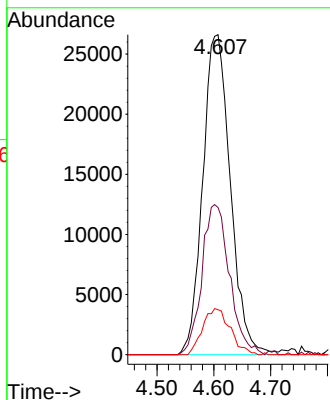
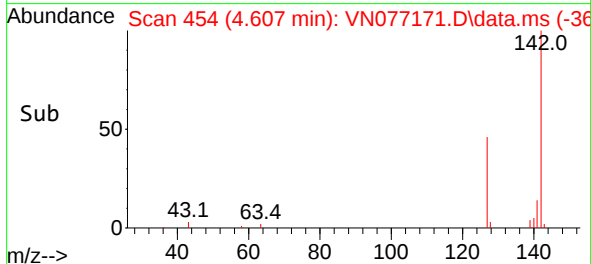
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion:142 Resp: 8986
Ion Ratio Lower Upper
142 100
127 46.2 25.0 75.0
141 14.1 8.0 24.0

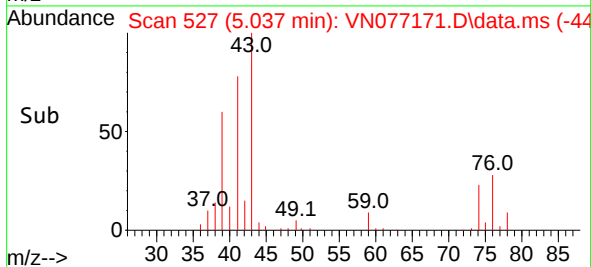
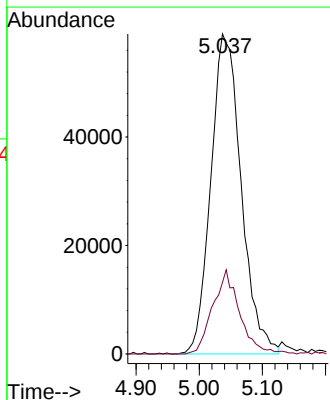
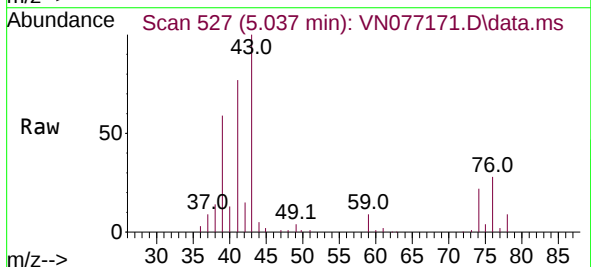
Manual Integrations
APPROVED

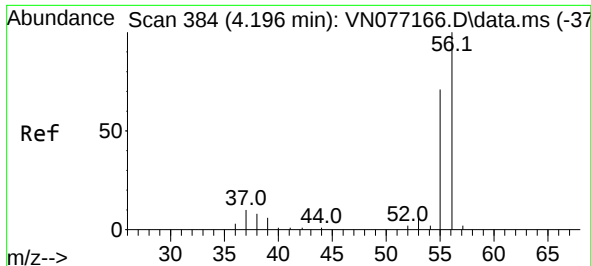
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#12
Methyl Acetate
Concen: 20.967 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

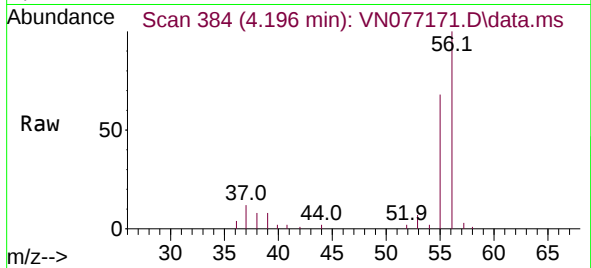
Tgt Ion: 43 Resp: 196737
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.4





#13
Acrolein
Concen: 103.301 ug/l
RT: 4.196 min Scan# 384
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

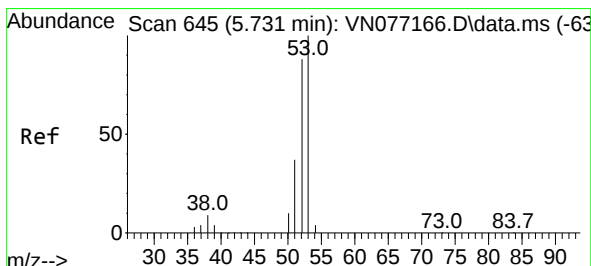
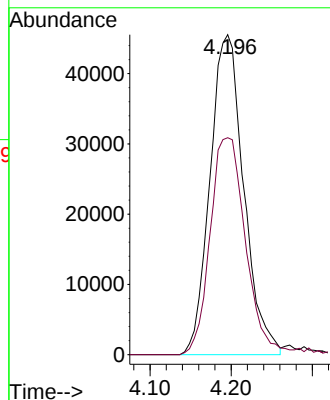
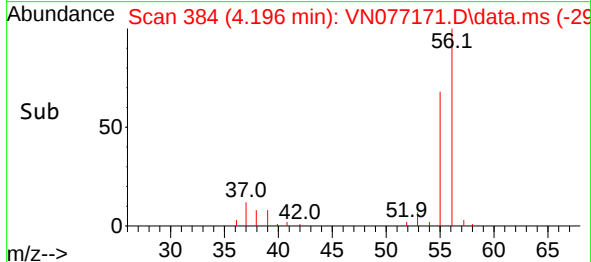
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



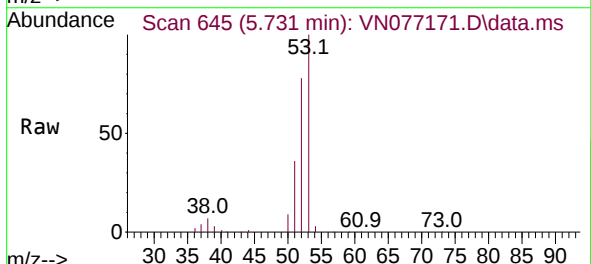
Tgt Ion: 56 Resp: 131350
Ion Ratio Lower Upper
56 100
55 71.1 55.0 82.4

Manual Integrations
APPROVED

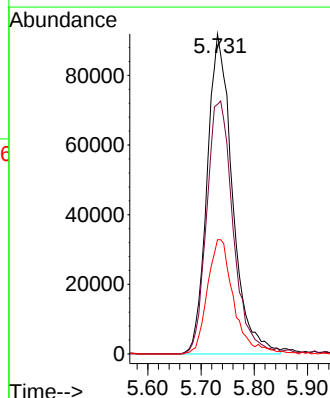
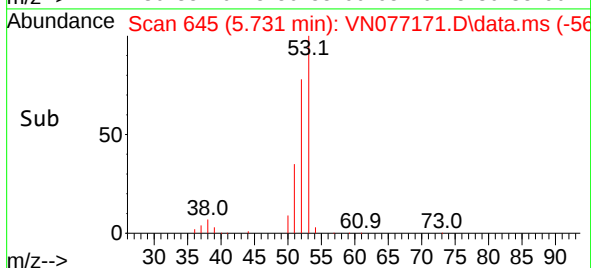
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

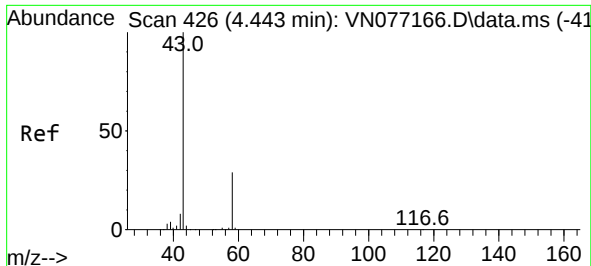


#14
Acrylonitrile
Concen: 106.539 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



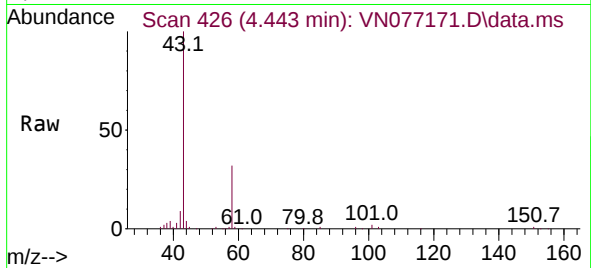
Tgt Ion: 53 Resp: 303240
Ion Ratio Lower Upper
53 100
52 82.5 41.5 124.6
51 35.6 17.6 52.8





#15
Acetone
Concen: 108.533 ug/l
RT: 4.443 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

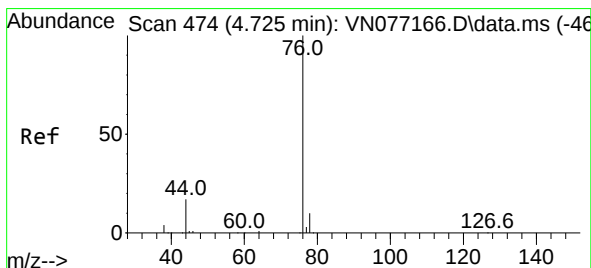
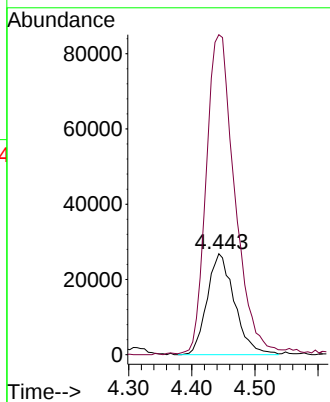
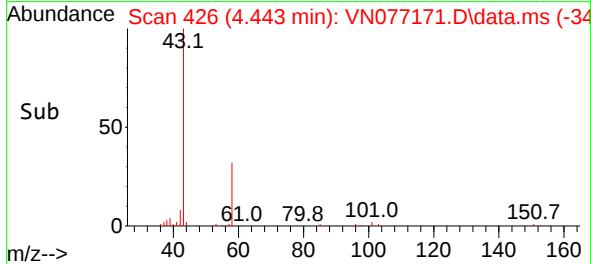
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



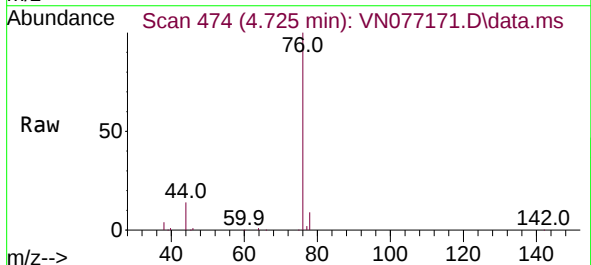
Tgt Ion: 58 Resp: 80774
Ion Ratio Lower Upper
58 100
43 316.2 255.4 383.0

Manual Integrations
APPROVED

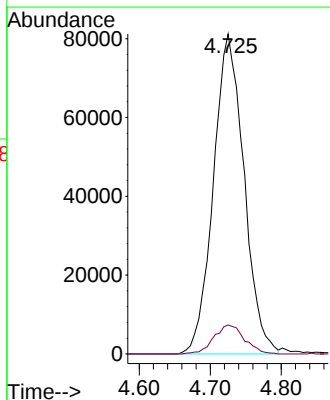
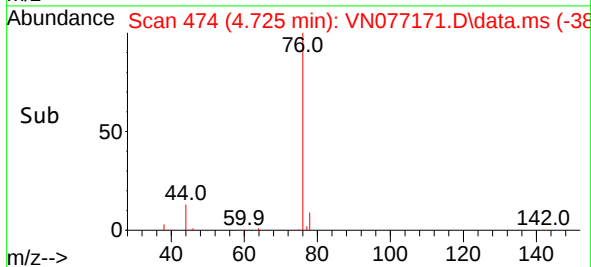
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

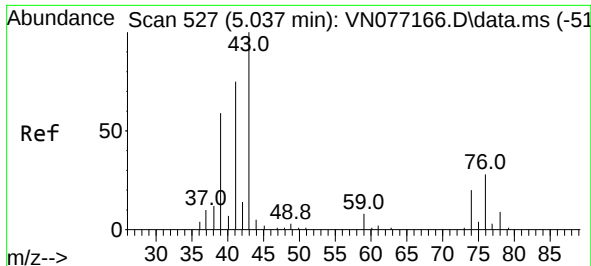


#16
Carbon Disulfide
Concen: 19.750 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



Tgt Ion: 76 Resp: 242705
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8





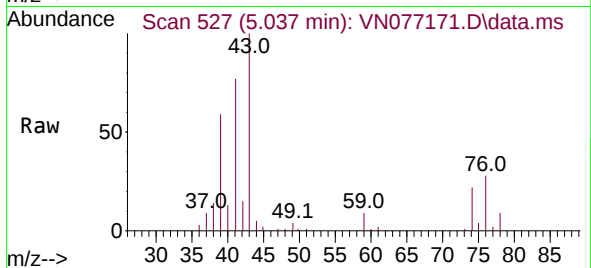
#17
Allyl chloride
Concen: 19.948 ug/l
RT: 5.037 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423



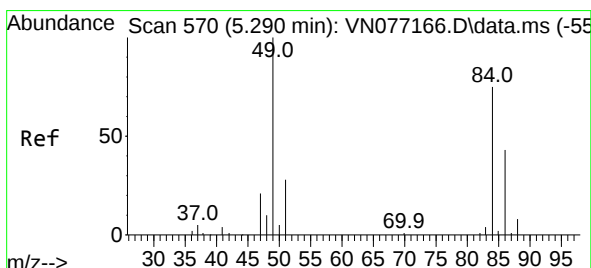
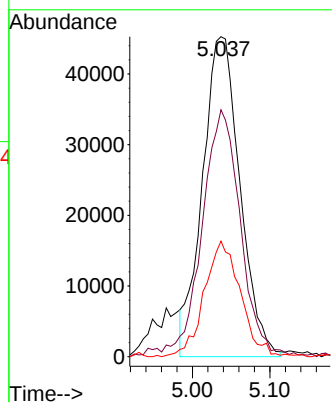
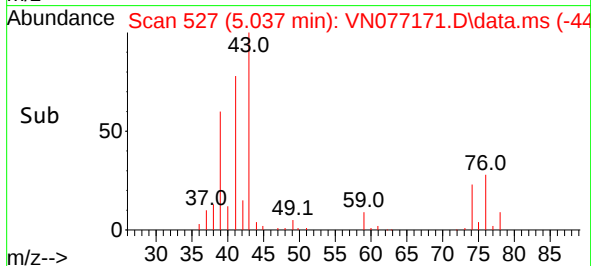
Tgt Ion: 41 Resp: 152660
Ion Ratio Lower Upper
41 100
39 76.2 34.8 104.3
76 36.2 17.5 52.5

Manual Integrations

APPROVED

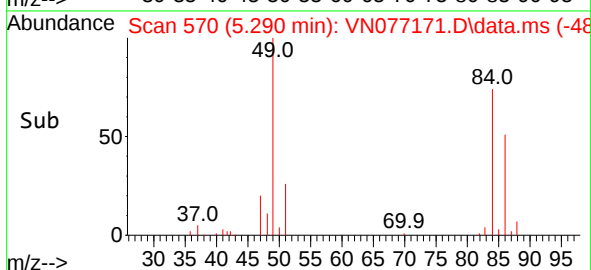
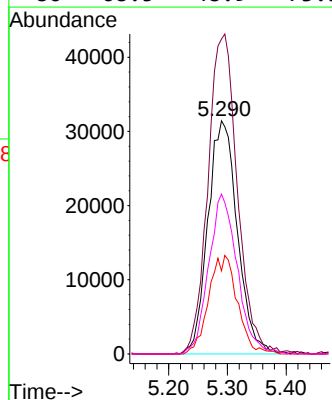
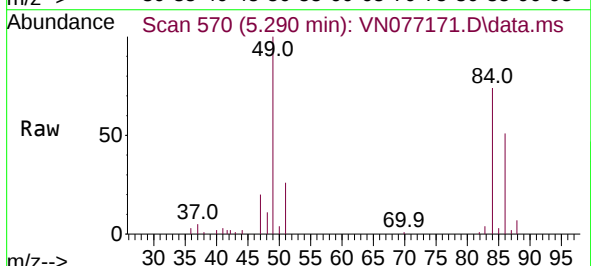
Reviewed By :Krupa Patel 03/24/2023

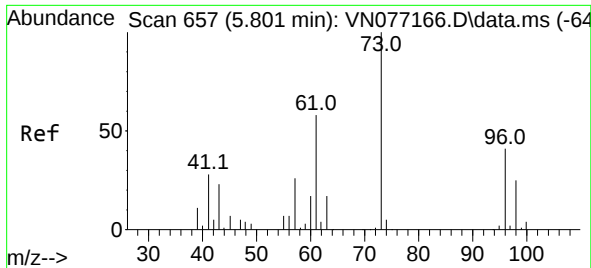
Supervised By :Semsettin Yesilyurt 03/27/2023



#18
Methylene Chloride
Concen: 20.499 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 84 Resp: 109627
Ion Ratio Lower Upper
84 100
49 135.0 113.8 170.6
51 35.6 34.2 51.4
86 68.5 48.9 73.3





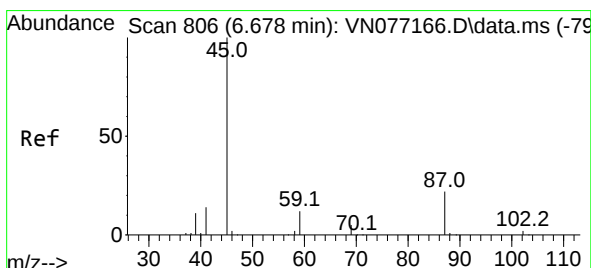
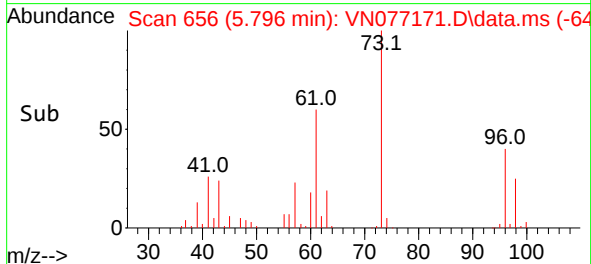
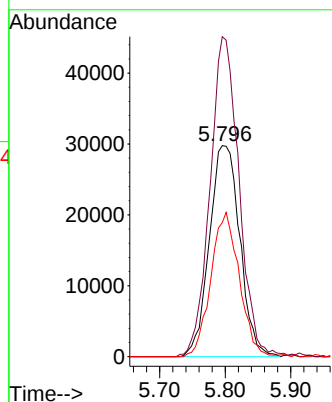
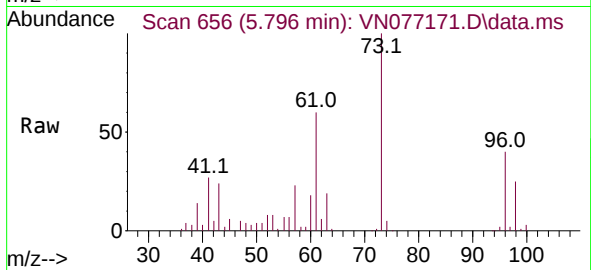
#19
trans-1,2-Dichloroethene
Concen: 20.606 ug/l
RT: 5.796 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion: 96 Resp: 9606
Ion Ratio Lower Upper
96 100
61 150.5 111.0 166.4
98 63.5 55.0 82.6

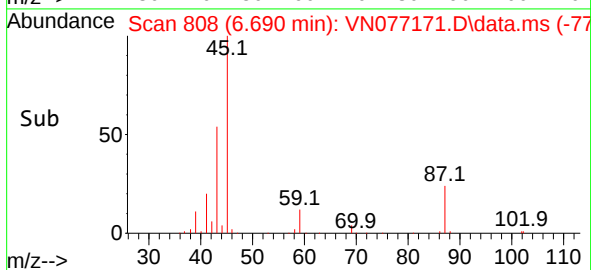
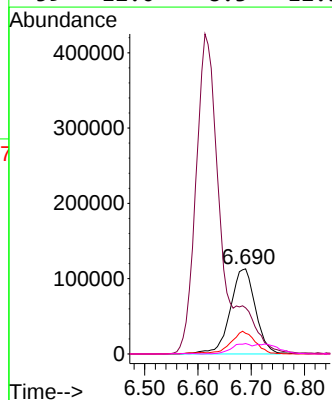
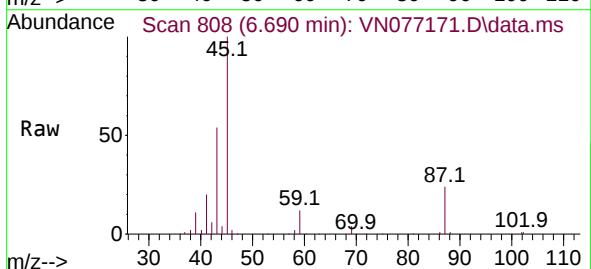
Manual Integrations
APPROVED

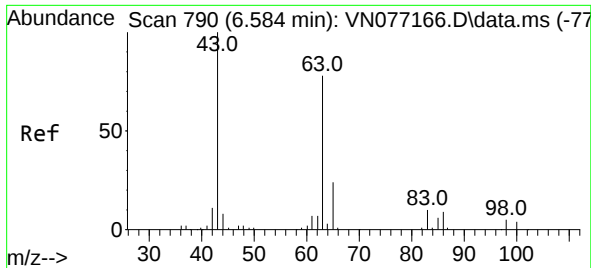
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#20
Diisopropyl ether
Concen: 21.403 ug/l
RT: 6.690 min Scan# 808
Delta R.T. 0.012 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 45 Resp: 371054
Ion Ratio Lower Upper
45 100
43 50.4 38.6 58.0
87 23.8 20.1 30.1
59 12.0 8.3 12.5





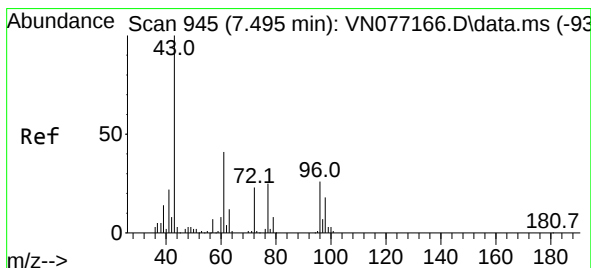
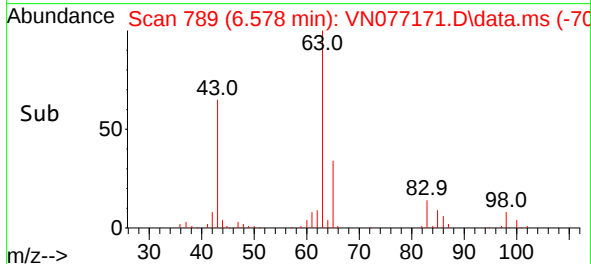
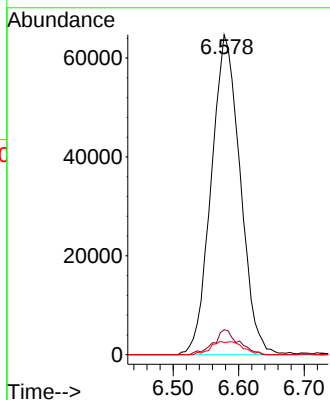
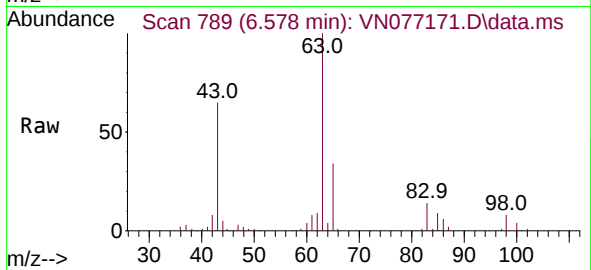
#21
1,1-Dichloroethane
Concen: 20.302 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion: 63 Resp: 19816
Ion Ratio Lower Upper
63 100
98 7.8 3.6 10.9
100 3.8 2.6 7.8

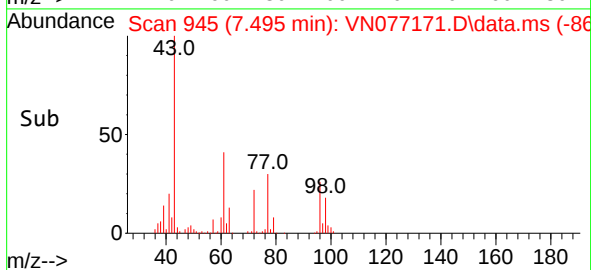
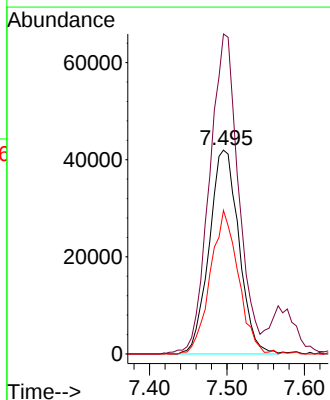
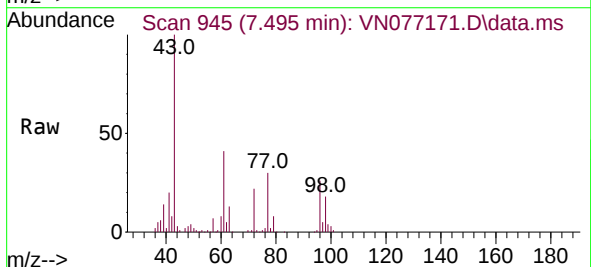
Manual Integrations
APPROVED

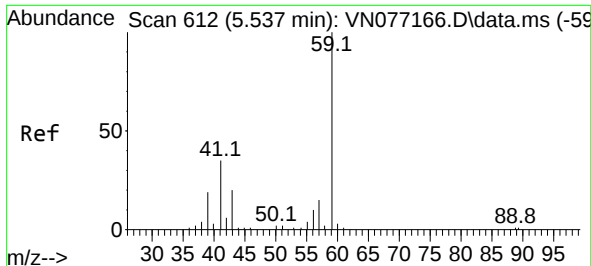
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#22
cis-1,2-Dichloroethene
Concen: 20.321 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

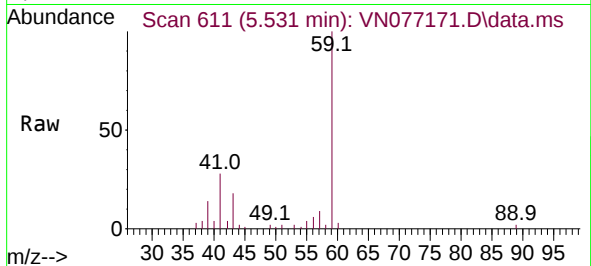
Tgt Ion: 96 Resp: 111850
Ion Ratio Lower Upper
96 100
61 153.2 121.0 181.4
98 66.0 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 101.065 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

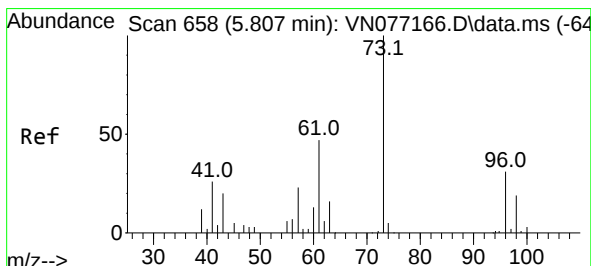
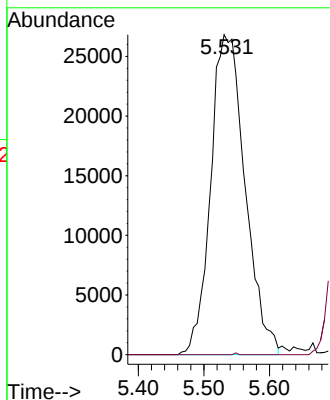
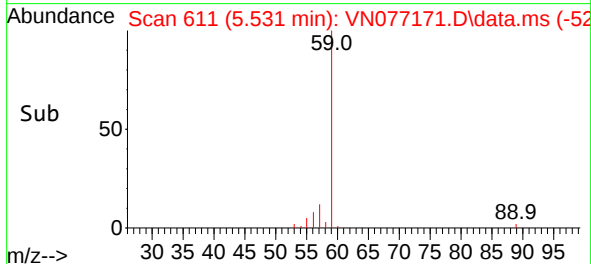
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 59 Resp: 9764
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

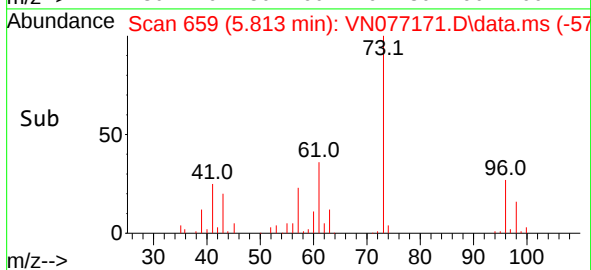
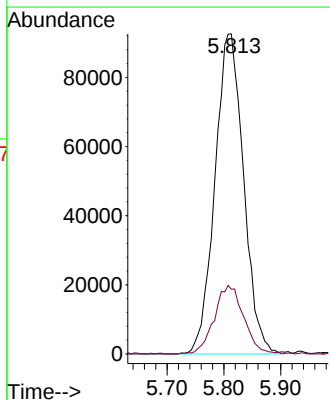
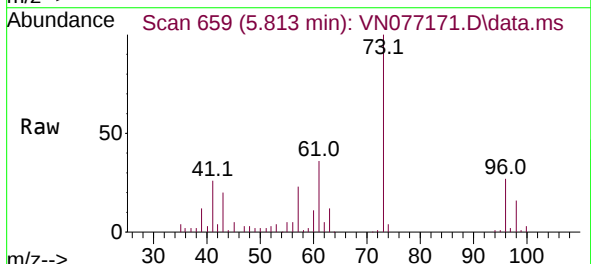
Manual Integrations
APPROVED

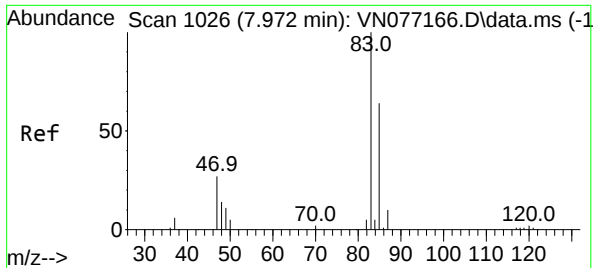
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#24
Methyl tert-Butyl Ether
Concen: 20.977 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 73 Resp: 324073
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.6





#25

Chloroform

Concen: 20.851 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

Tgt Ion: 83 Resp: 199128

Ion Ratio Lower Upper

83 100

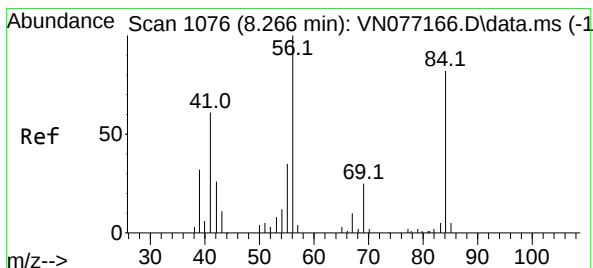
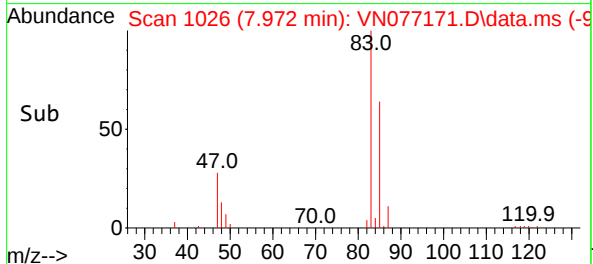
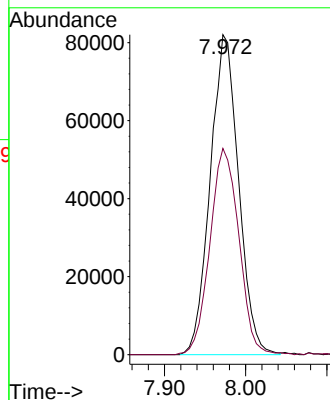
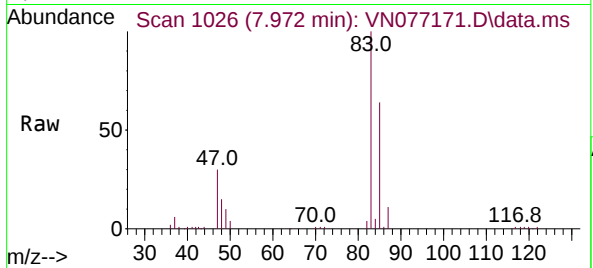
85 64.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#26

Cyclohexane

Concen: 20.912 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

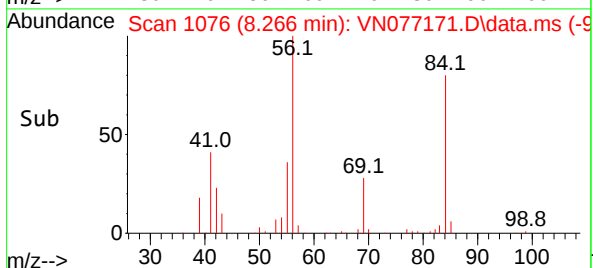
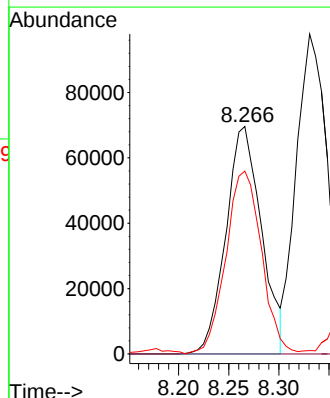
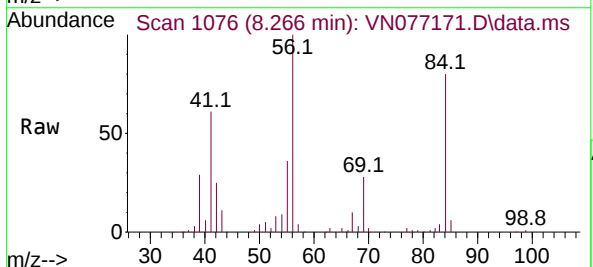
Tgt Ion: 56 Resp: 172157

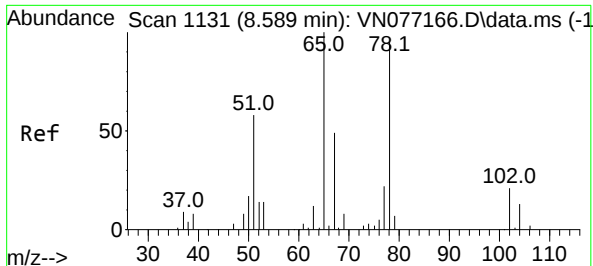
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

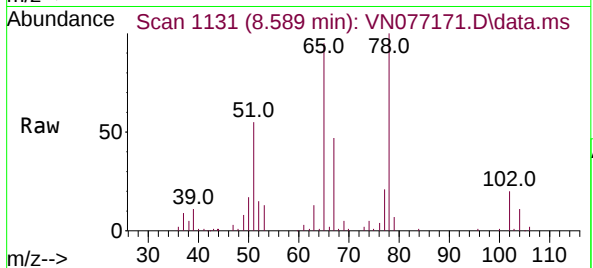
84 80.3 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 30.361 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

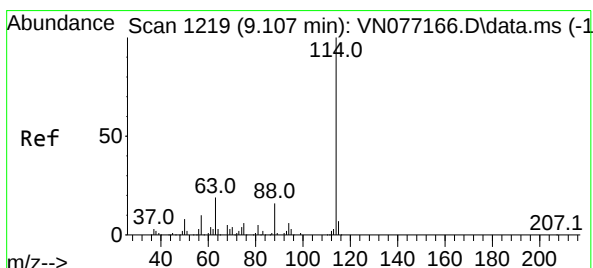
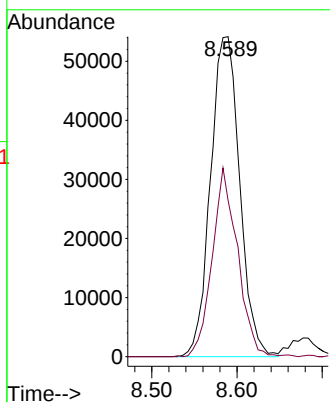
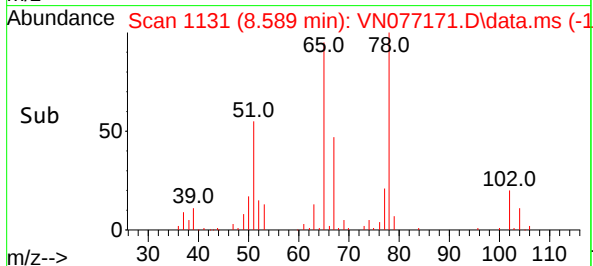
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN032423



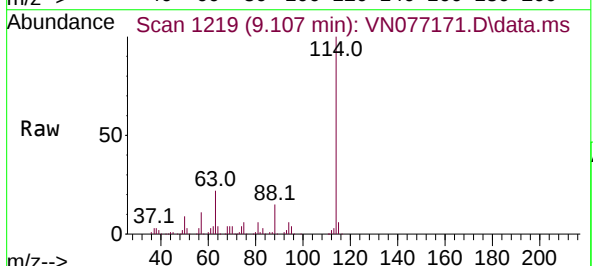
Tgt Ion: 65 Resp: 128939
Ion Ratio Lower Upper
65 100
67 51.1 40.9 61.3

Manual Integrations
APPROVED

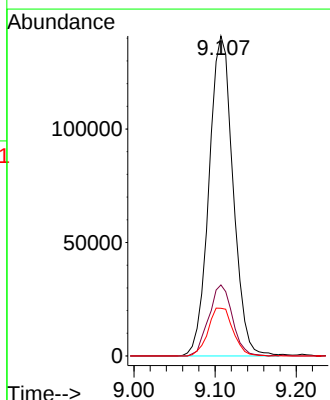
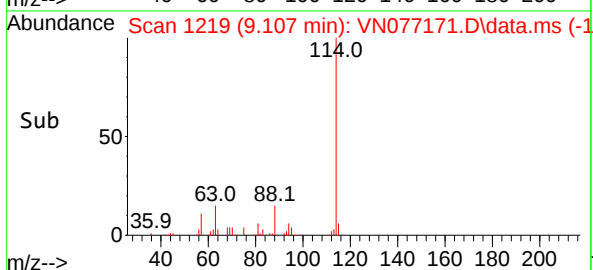
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

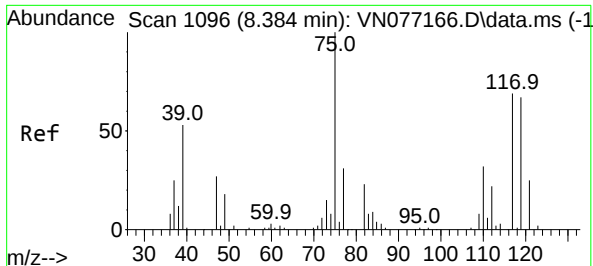


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



Tgt Ion:114 Resp: 289761
Ion Ratio Lower Upper
114 100
63 21.8 17.0 25.4
88 15.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.298 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

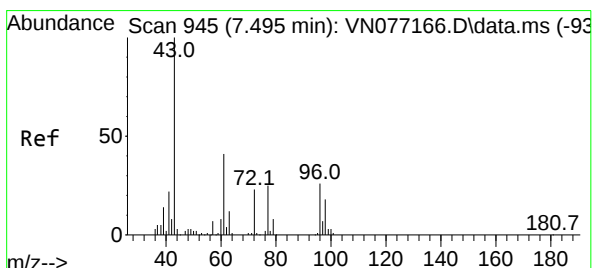
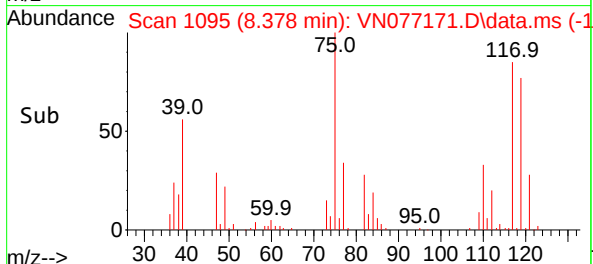
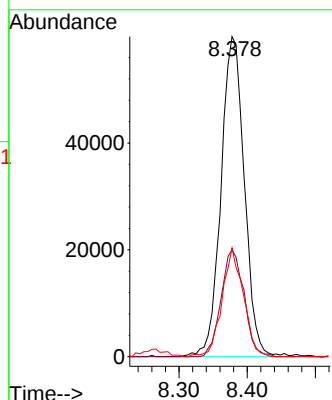
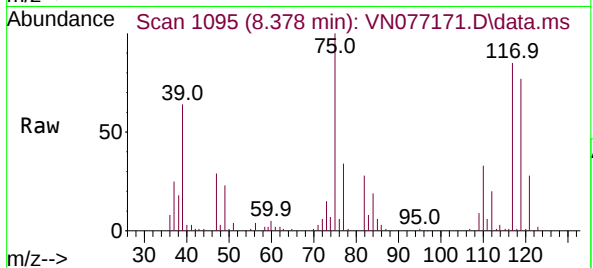
Tgt Ion: 75 Resp: 14268
Ion Ratio Lower Upper
75 100
110 32.8 0.0 67.2
77 30.9 0.0 64.4

Manual Integrations

APPROVED

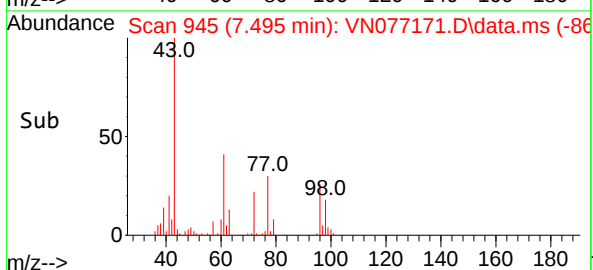
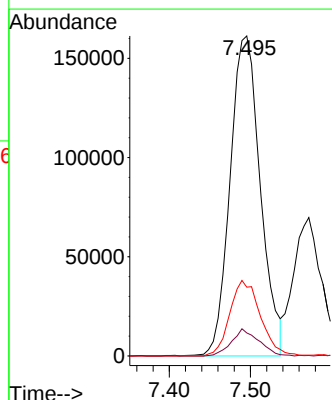
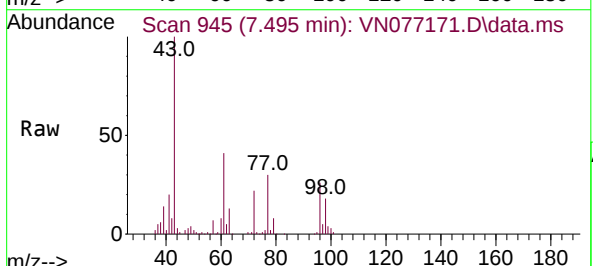
Reviewed By :Krupa Patel 03/24/2023

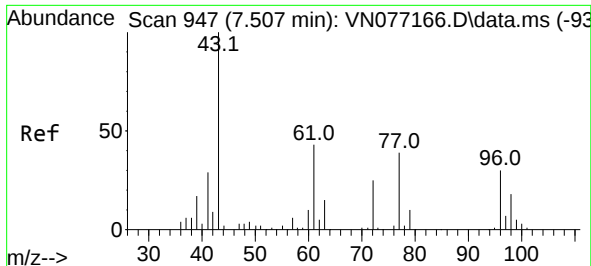
Supervised By :Semsettin Yesilyurt 03/27/2023



#30
2-Butanone
Concen: 103.136 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 43 Resp: 418231
Ion Ratio Lower Upper
43 100
57 7.6 6.1 9.1
72 23.8 20.2 30.4





#31

2,2-Dichloropropane

Concen: 19.055 ug/l

RT: 7.495 min Scan# 94

Delta R.T. -0.012 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

Tgt Ion: 77 Resp: 125469

Ion Ratio Lower Upper

77 100

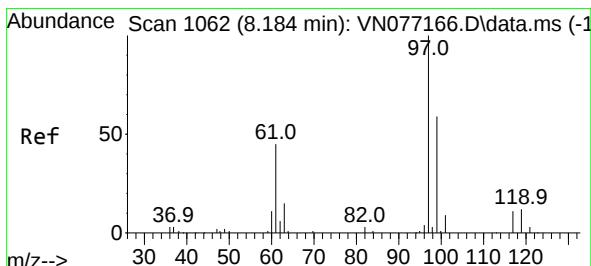
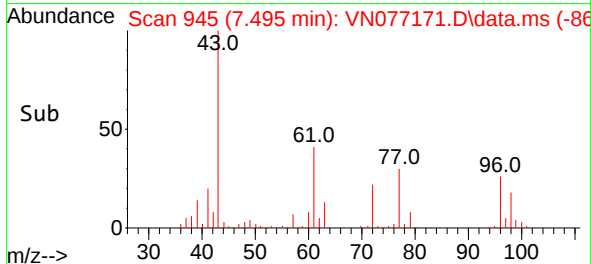
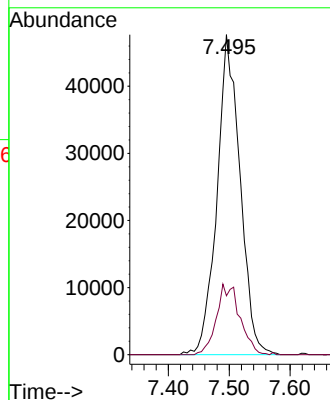
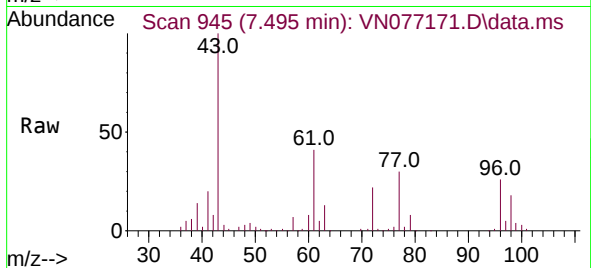
97 10.8 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#32

1,1,1-Trichloroethane

Concen: 19.901 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

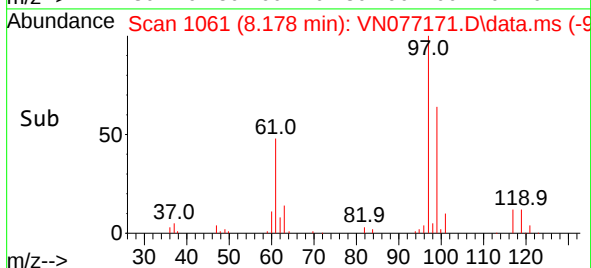
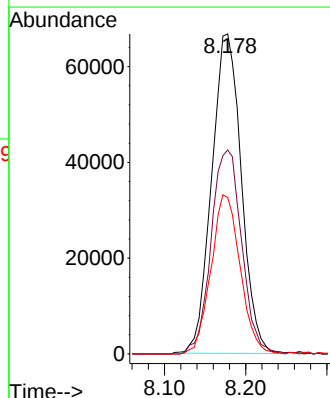
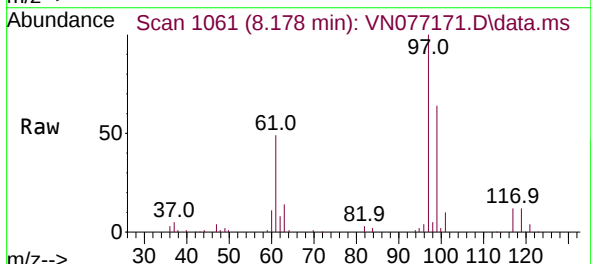
Tgt Ion: 97 Resp: 168667

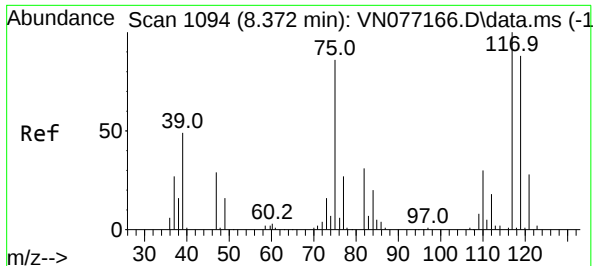
Ion Ratio Lower Upper

97 100

99 66.0 51.8 77.8

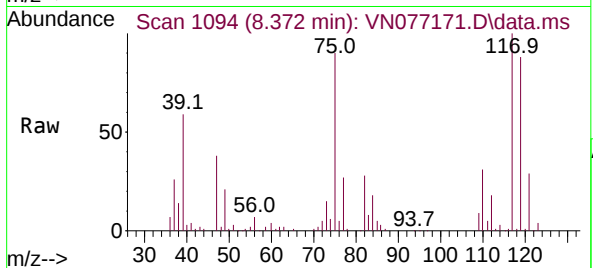
61 49.2 39.3 58.9





#33
Carbon Tetrachloride
Concen: 20.292 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

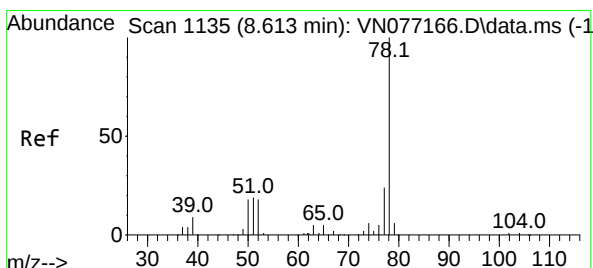
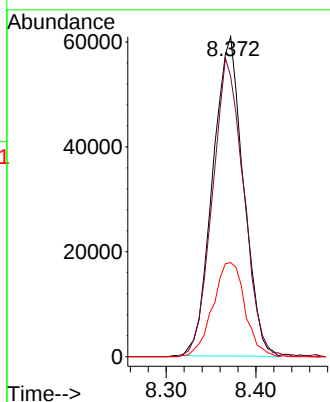
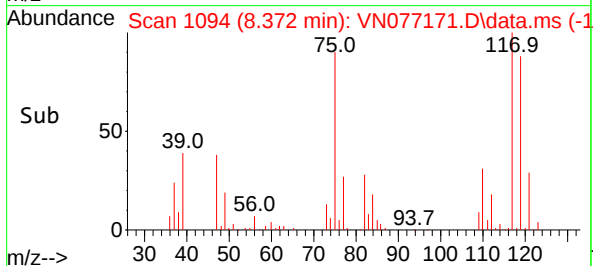
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



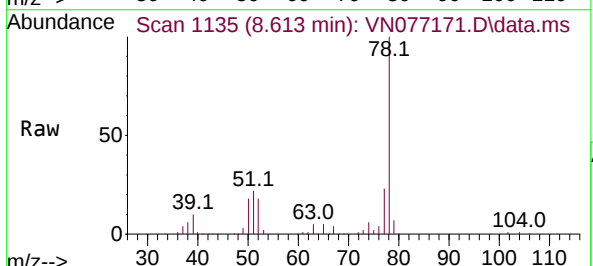
Tgt Ion:117 Resp: 144474
Ion Ratio Lower Upper
117 100
119 87.8 79.8 119.8
121 29.5 23.4 35.0

Manual Integrations
APPROVED

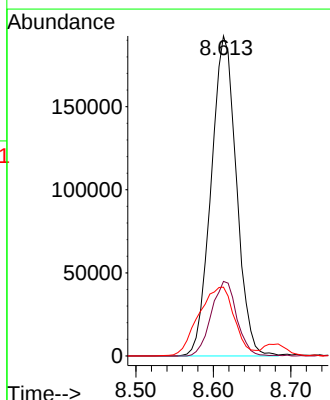
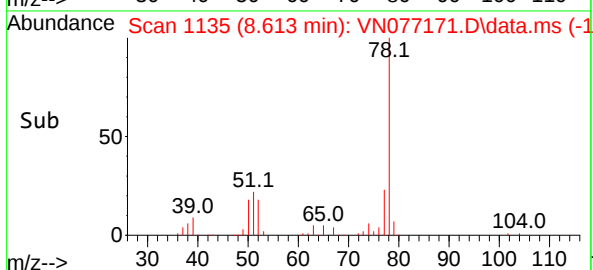
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

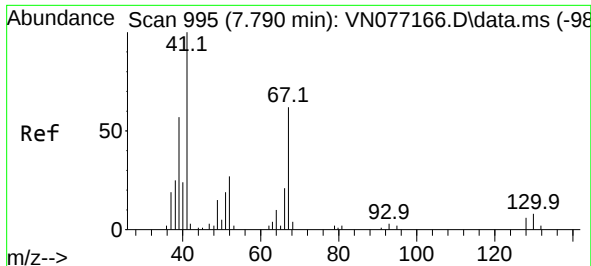


#34
Benzene
Concen: 20.265 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



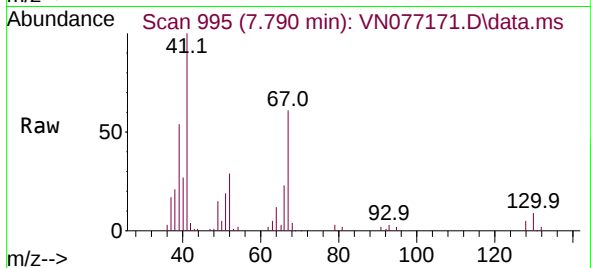
Tgt Ion: 78 Resp: 436636
Ion Ratio Lower Upper
78 100
77 23.3 17.4 26.2
51 20.5 13.8 20.6





#35
Methacrylonitrile
Concen: 20.456 ug/l
RT: 7.790 min Scan# 9105
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

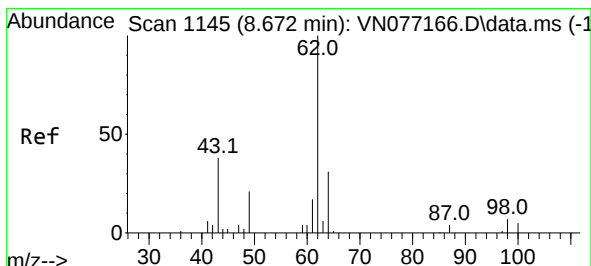
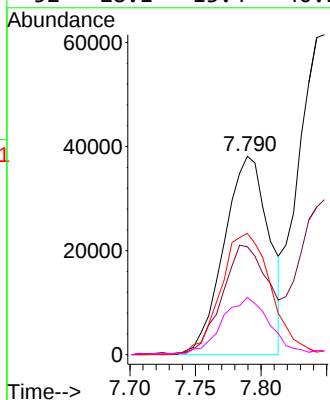
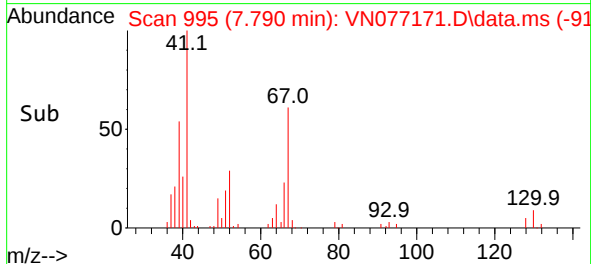
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion:	41	Ratio	100	Lower	Upper
39	53.5	26.6	79.7		
67	60.7	32.3	96.9		
52	28.1	13.4	40.1		

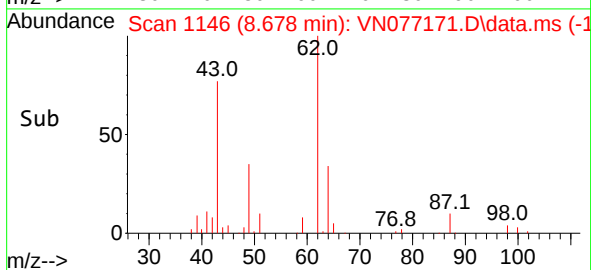
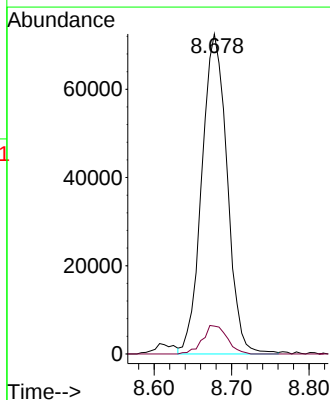
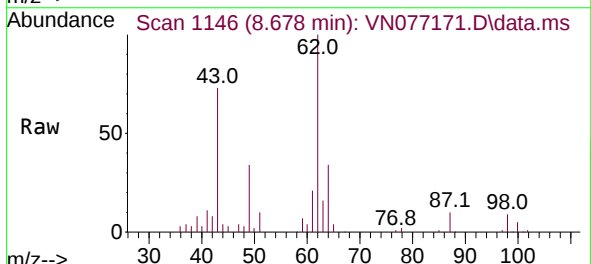
Manual Integrations
APPROVED

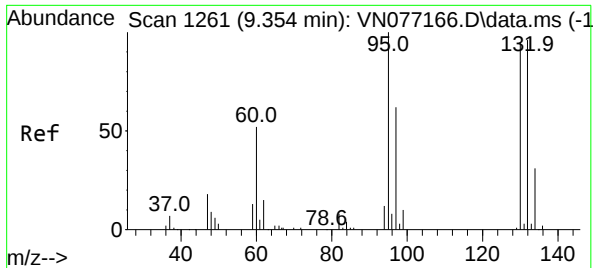
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#36
1,2-Dichloroethane
Concen: 20.749 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

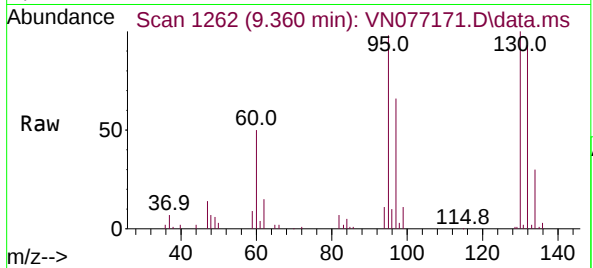
Tgt Ion:	62	Ratio	100	Lower	Upper
98	8.6	7.4	11.0		





#37
Trichloroethene
Concen: 19.921 ug/l
RT: 9.360 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

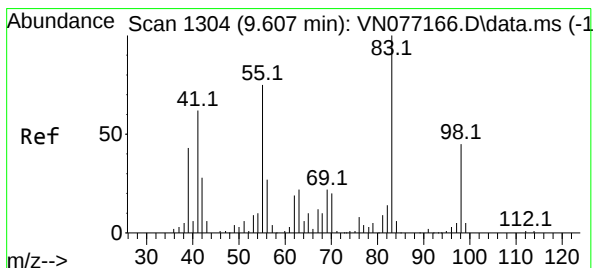
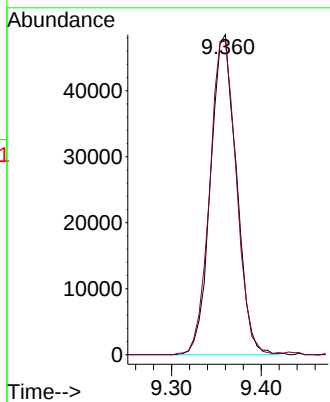
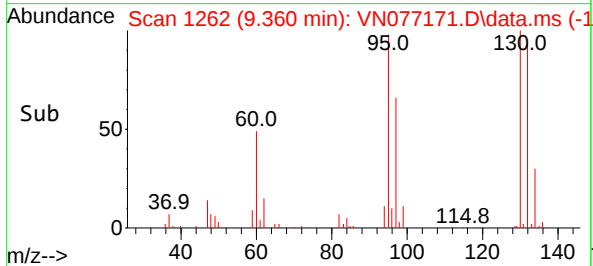
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



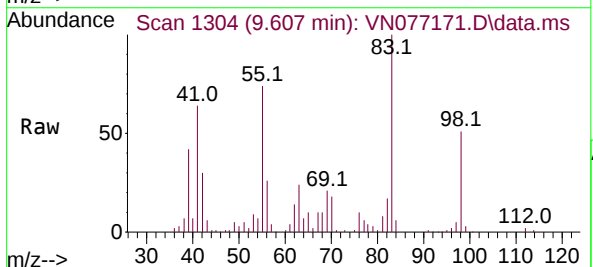
Tgt Ion:130 Resp: 97039
Ion Ratio Lower Upper
130 100
95 97.4 78.7 118.1

Manual Integrations
APPROVED

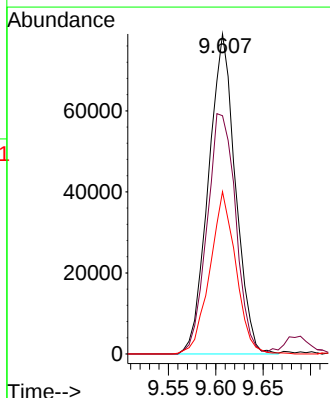
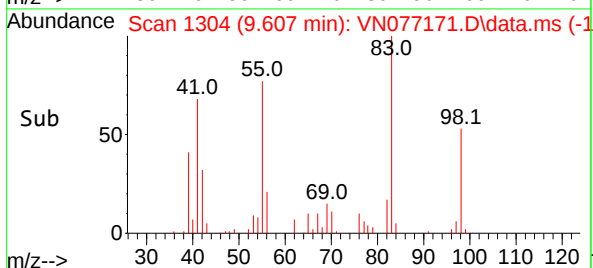
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

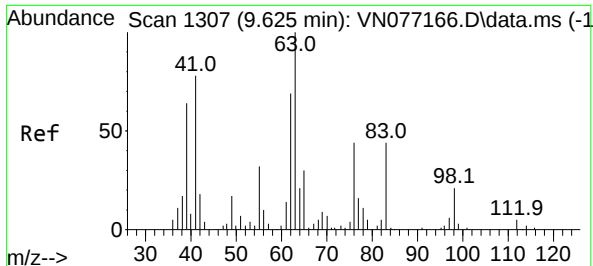


#38
Methylcyclohexane
Concen: 18.736 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



Tgt Ion: 83 Resp: 156779
Ion Ratio Lower Upper
83 100
55 79.6 37.6 112.9
98 48.7 24.1 72.4





#39

1,2-Dichloropropane

Concen: 20.139 ug/l

RT: 9.631 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

Tgt Ion: 63 Resp: 11616

Ion Ratio Lower Upper

63 100

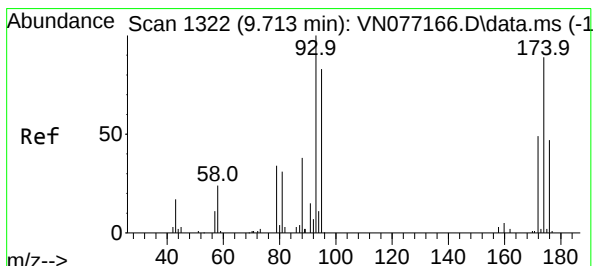
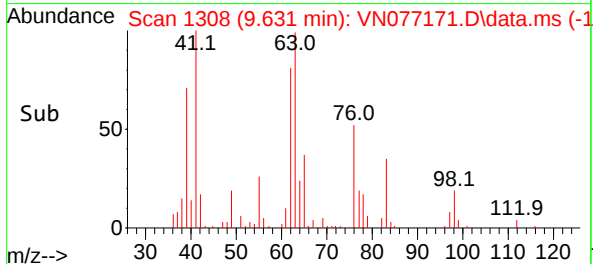
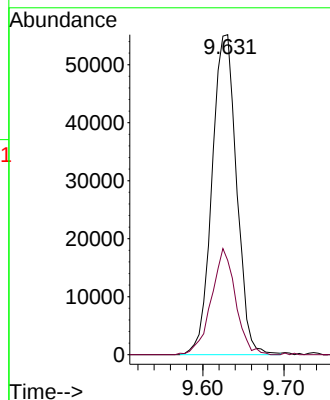
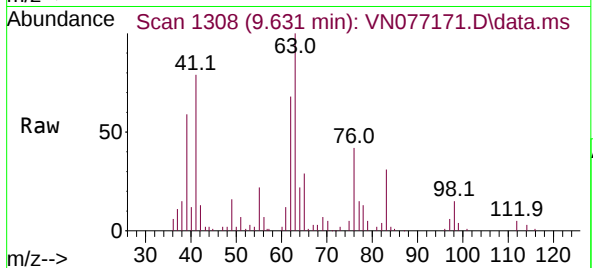
65 29.5 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#40

Dibromomethane

Concen: 20.568 ug/l

RT: 9.719 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

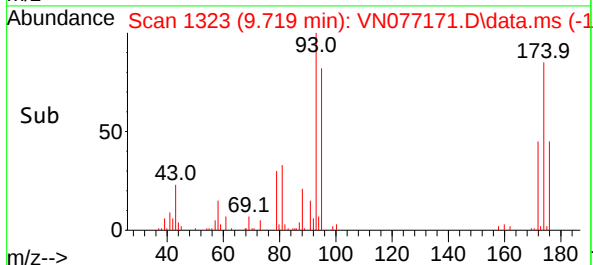
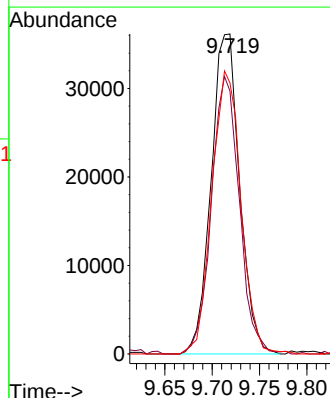
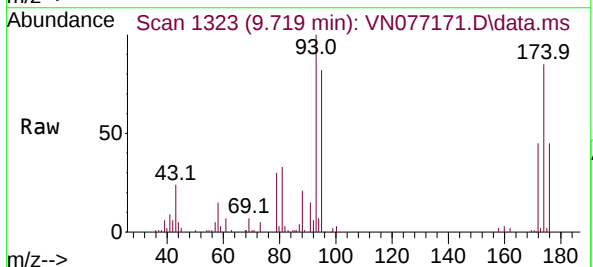
Tgt Ion: 93 Resp: 75868

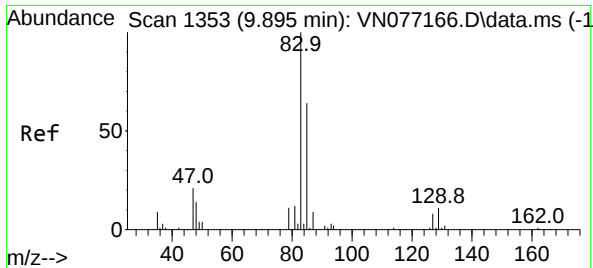
Ion Ratio Lower Upper

93 100

95 84.7 0.0 158.0

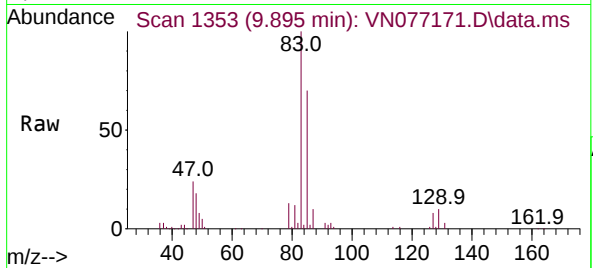
174 90.1 0.0 171.2





#41
Bromodichloromethane
Concen: 19.939 ug/l
RT: 9.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

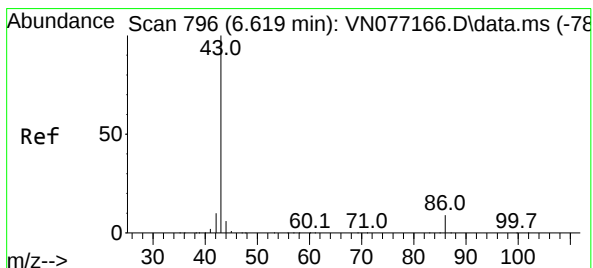
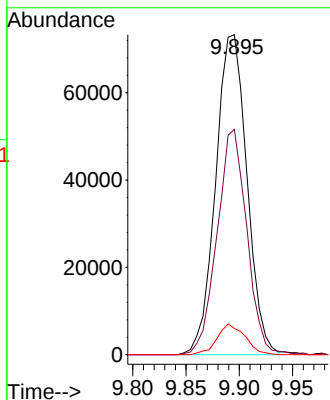
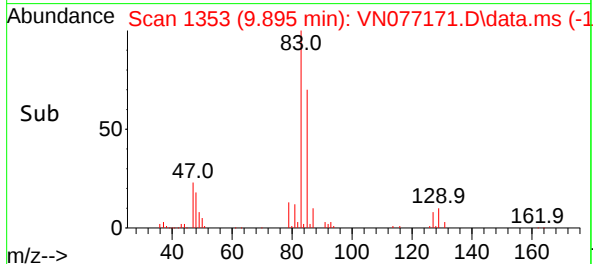
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



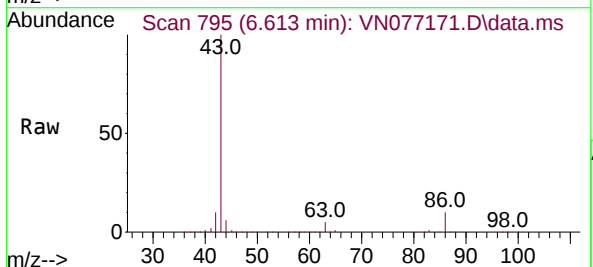
Tgt Ion: 83 Resp: 149768
Ion Ratio Lower Upper
83 100
85 70.4 51.0 76.4
127 8.2 6.2 9.2

Manual Integrations
APPROVED

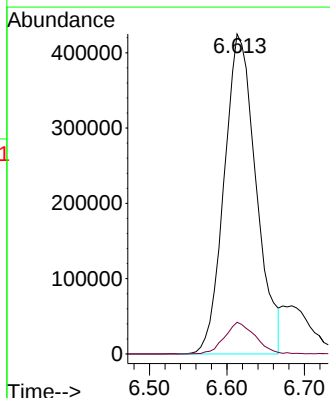
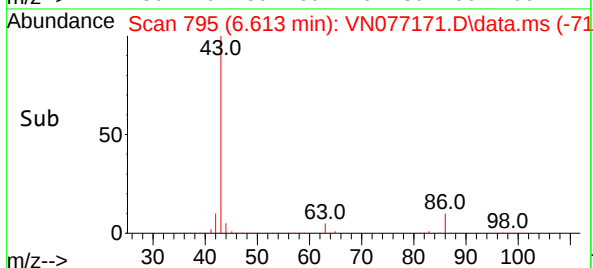
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

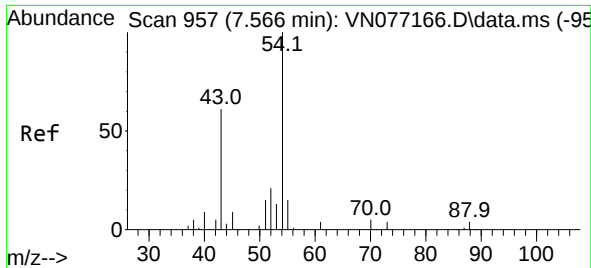


#42
Vinyl Acetate
Concen: 100.277 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



Tgt Ion: 43 Resp: 1218852
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6





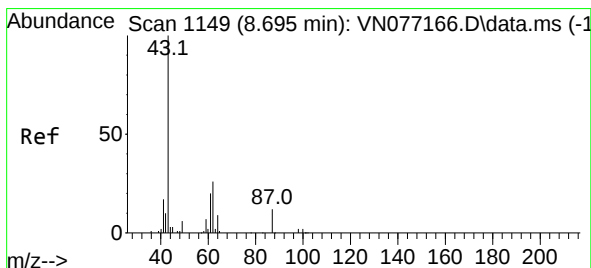
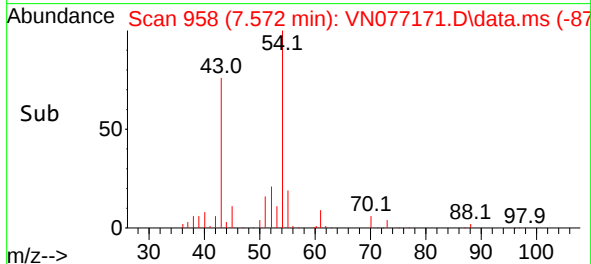
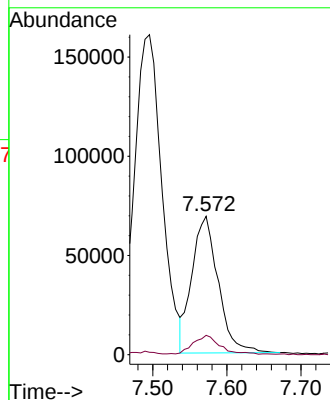
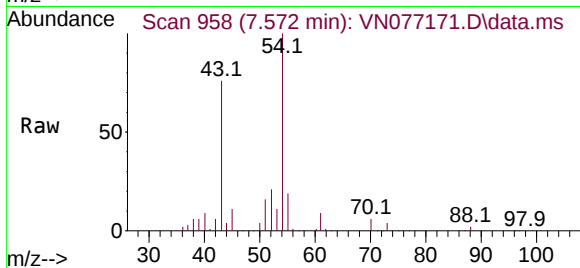
#43
Ethyl Acetate
Concen: 20.975 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion: 43 Resp: 16992
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8

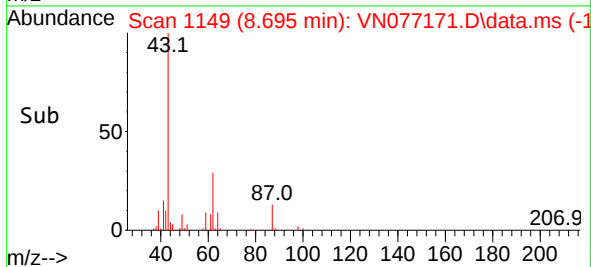
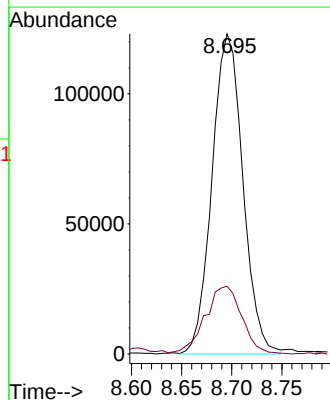
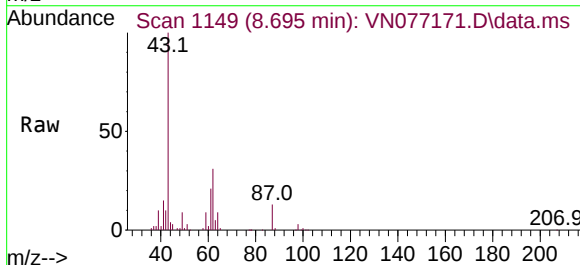
Manual Integrations
APPROVED

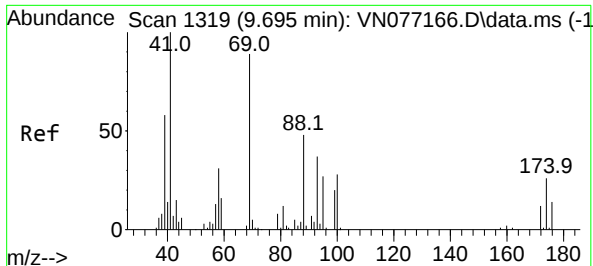
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#44
Isopropyl Acetate
Concen: 20.154 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 43 Resp: 263485
Ion Ratio Lower Upper
43 100
61 25.2 19.5 29.3





#45

1,4-Dioxane

Concen: 407.656 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

Tgt Ion: 88 Resp: 4333

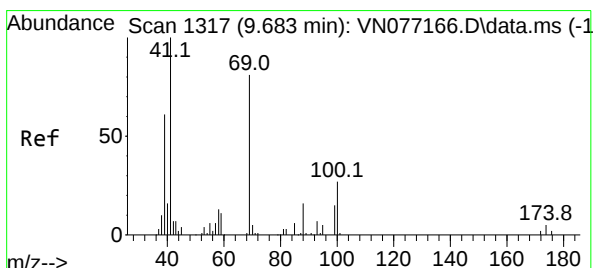
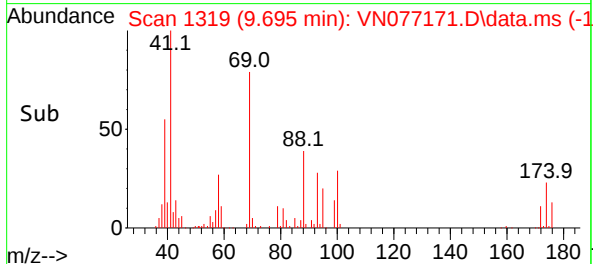
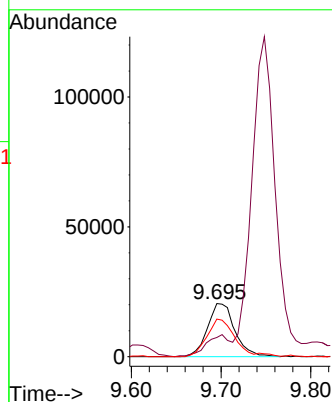
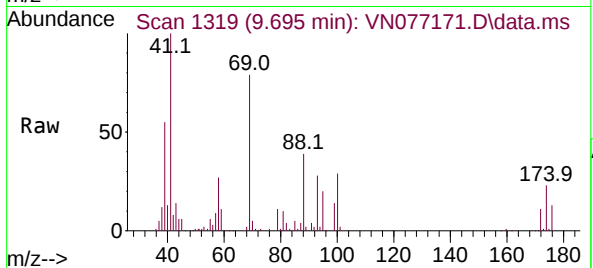
Ion	Ratio	Lower	Upper
88	100		
43	36.8	26.0	39.0
58	69.9	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#46

Methyl methacrylate

Concen: 21.263 ug/l

RT: 9.684 min Scan# 1317

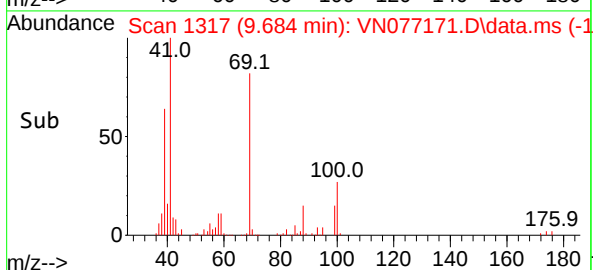
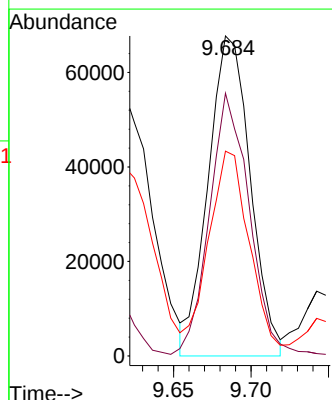
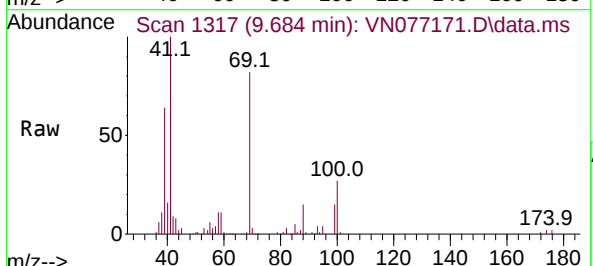
Delta R.T. 0.001 min

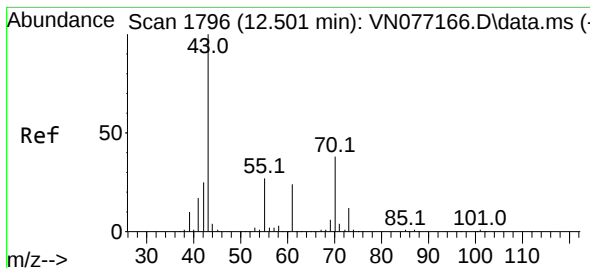
Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Tgt Ion: 41 Resp: 128169

Ion	Ratio	Lower	Upper
41	100		
69	84.0	40.6	121.7
39	63.9	30.5	91.5





#47

n-amy1 Acetate

Concen: 19.014 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

Tgt Ion: 43 Resp: 209134

Ion Ratio Lower Upper

43 100

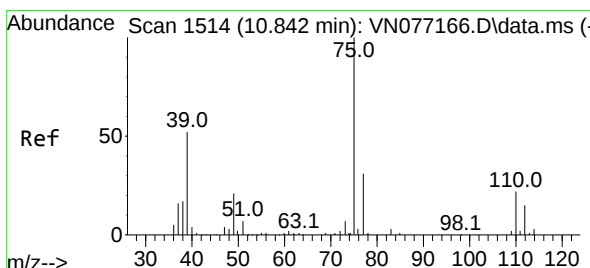
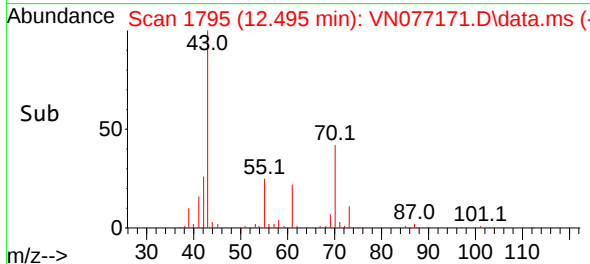
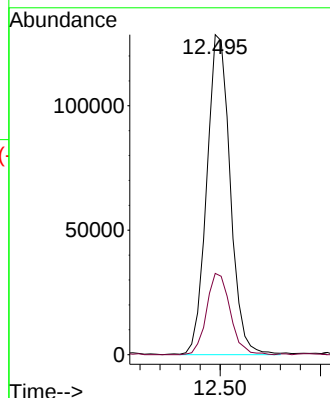
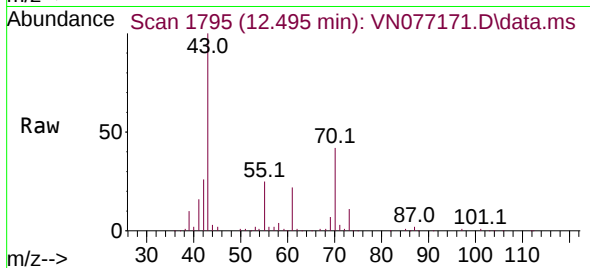
55 25.6 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#48

t-1,3-Dichloropropene

Concen: 18.994 ug/l

RT: 10.842 min Scan# 1514

Delta R.T. 0.000 min

Lab File: VN077171.D

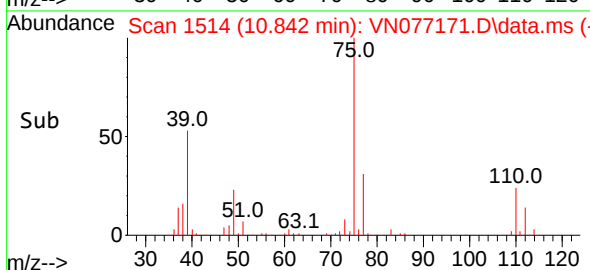
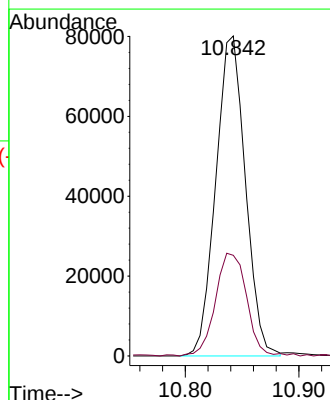
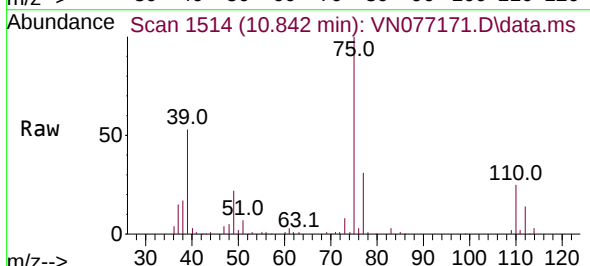
Acq: 24 Mar 2023 01:24

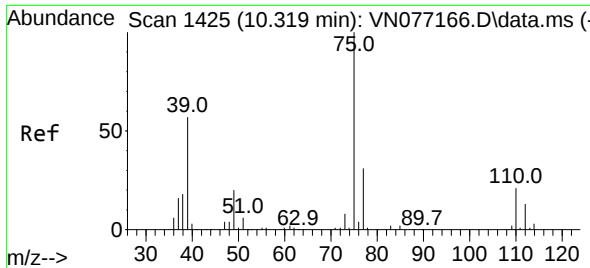
Tgt Ion: 75 Resp: 144916

Ion Ratio Lower Upper

75 100

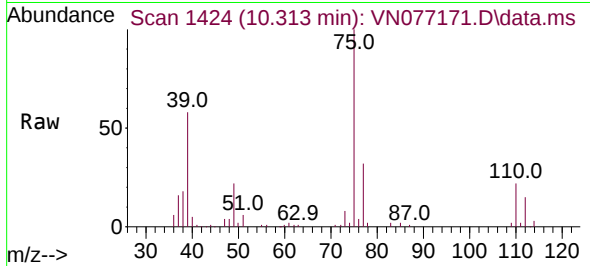
77 31.4 25.4 38.2





#49
cis-1,3-Dichloropropene
Concen: 19.452 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

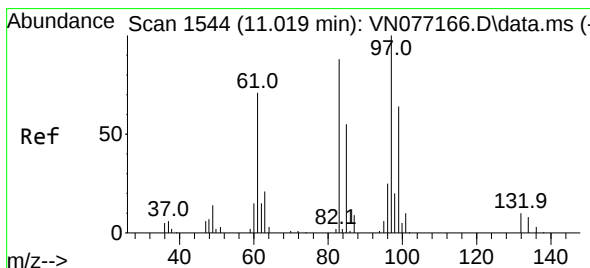
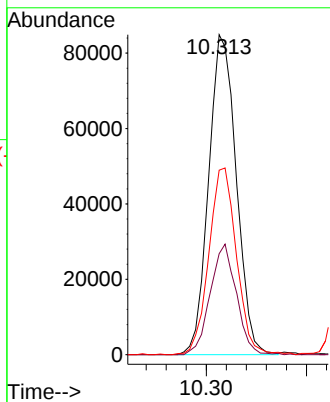
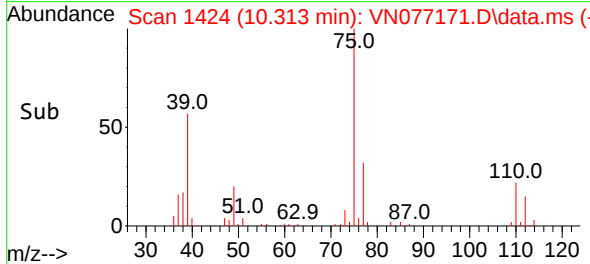
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 75 Resp: 16247
Ion Ratio Lower Upper
75 100
77 31.5 27.5 41.3
39 57.3 43.5 65.3

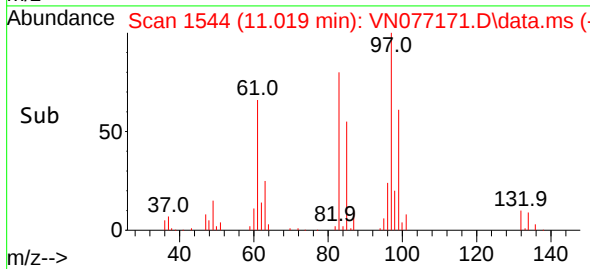
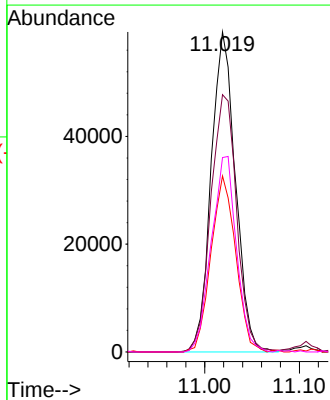
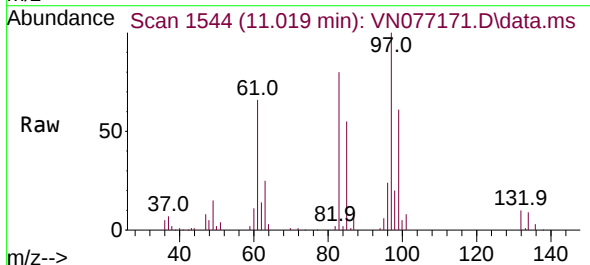
Manual Integrations
APPROVED

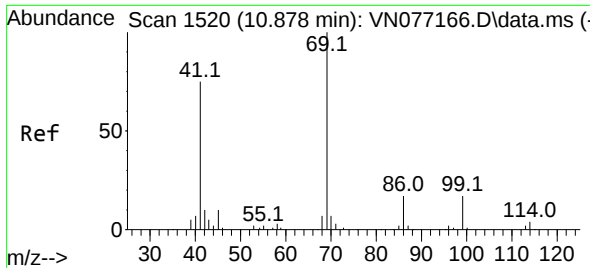
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#50
1,1,2-Trichloroethane
Concen: 20.435 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

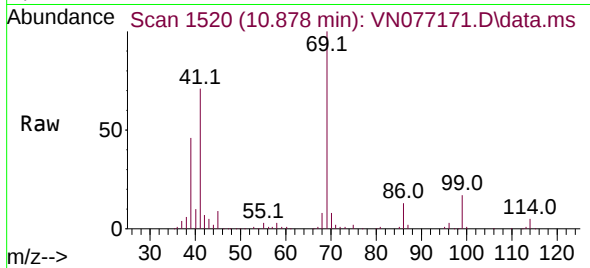
Tgt Ion: 97 Resp: 105810
Ion Ratio Lower Upper
97 100
83 80.4 71.0 106.4
85 55.0 45.5 68.3
99 60.7 51.4 77.2





#51
Ethyl methacrylate
Concen: 19.853 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

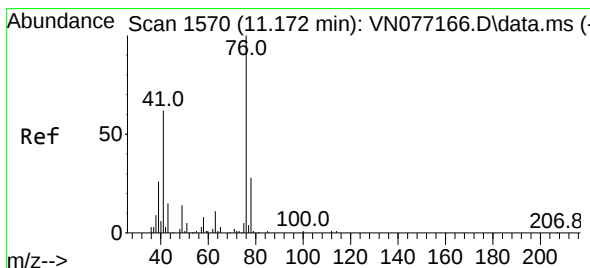
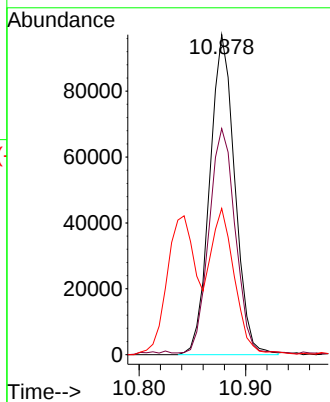
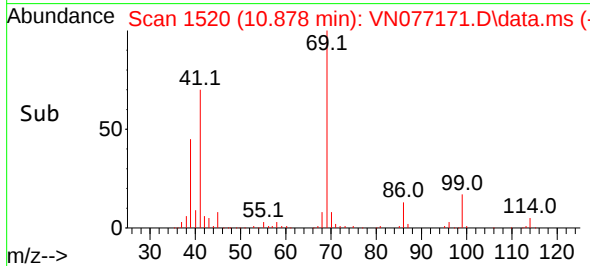
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 69 Resp: 158718
Ion Ratio Lower Upper
69 100
41 70.1 36.3 108.7
39 44.8 19.9 59.7

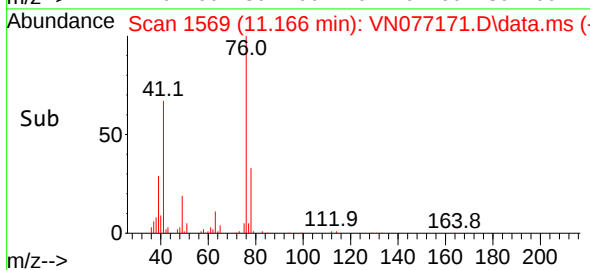
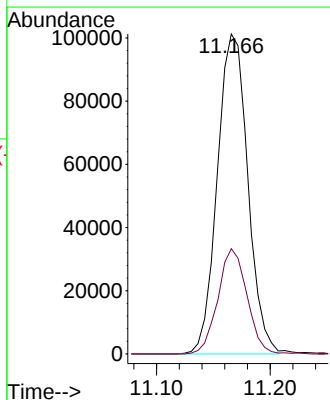
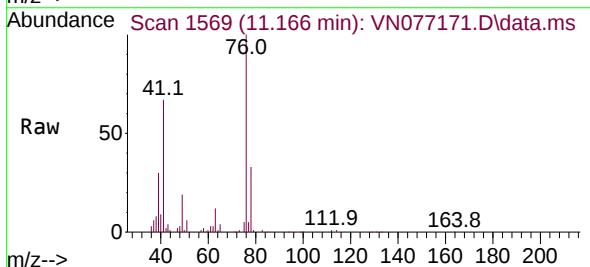
Manual Integrations
APPROVED

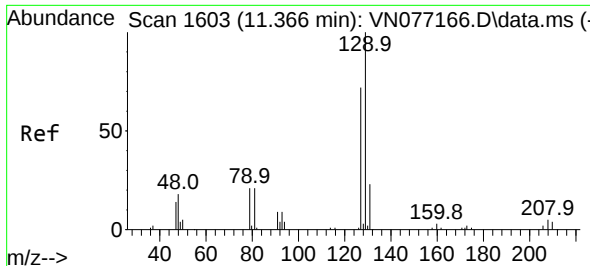
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#52
1,3-Dichloropropane
Concen: 20.518 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

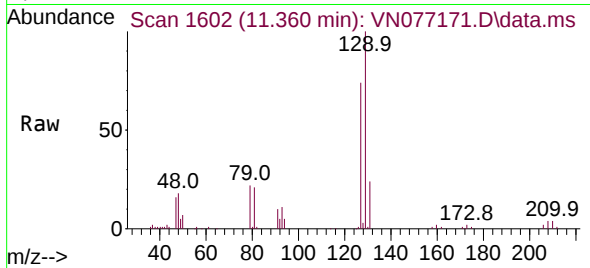
Tgt Ion: 76 Resp: 188586
Ion Ratio Lower Upper
76 100
78 31.4 0.0 65.4





#53
Dibromochloromethane
Concen: 20.093 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

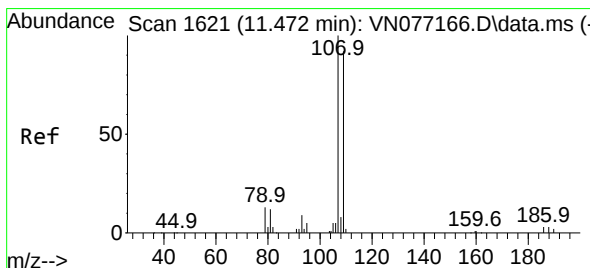
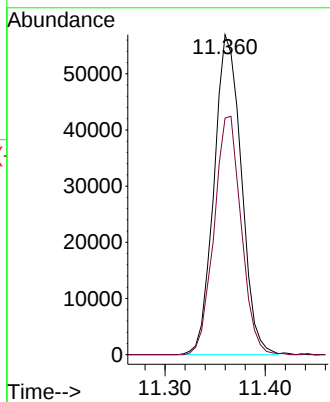
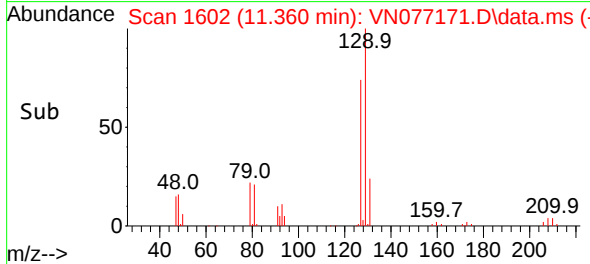
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion:129 Resp: 10772
Ion Ratio Lower Upper
129 100
127 73.9 39.4 118.1

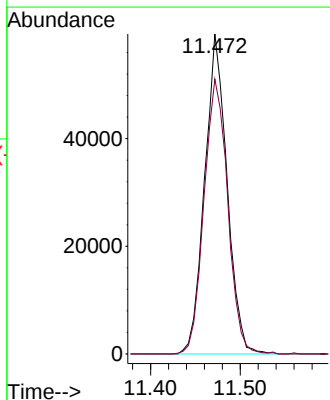
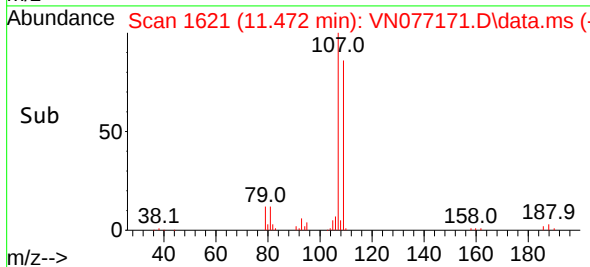
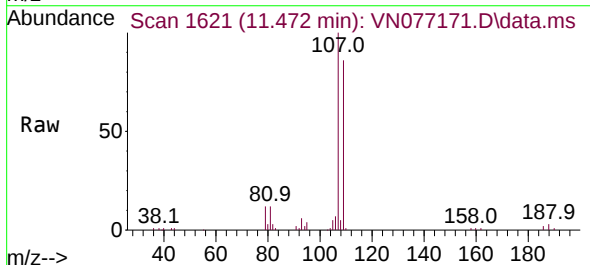
Manual Integrations
APPROVED

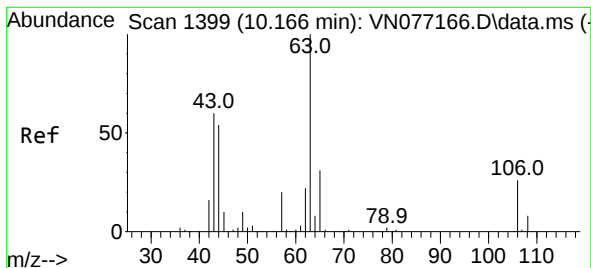
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#54
1,2-Dibromoethane
Concen: 20.211 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

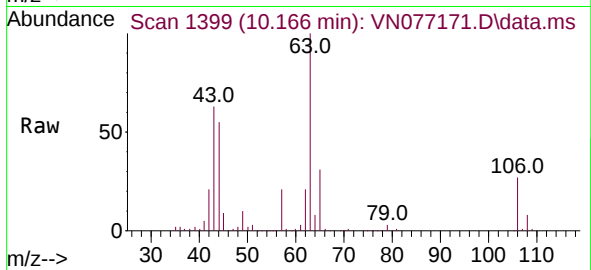
Tgt Ion:107 Resp: 102983
Ion Ratio Lower Upper
107 100
109 90.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 94.320 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

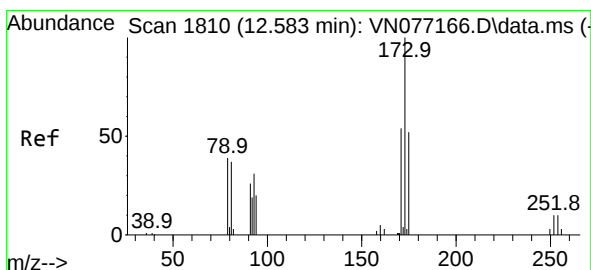
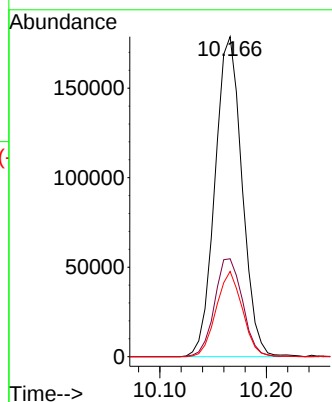
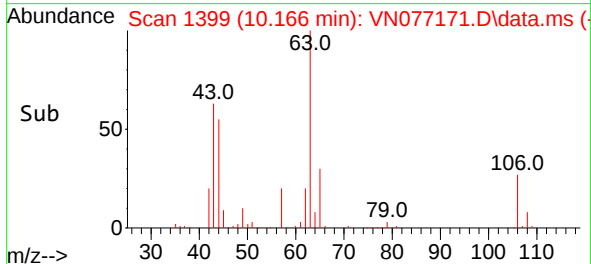
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 63 Resp: 31527
Ion Ratio Lower Upper
63 100
65 31.6 26.3 39.5
106 25.8 21.6 32.4

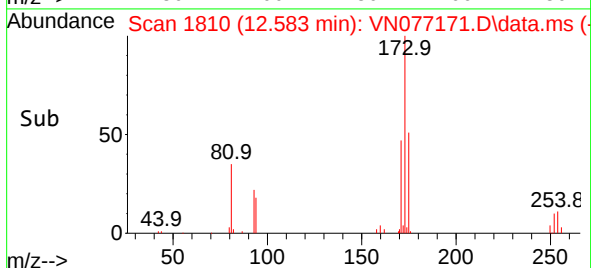
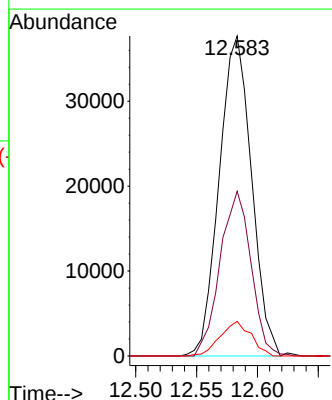
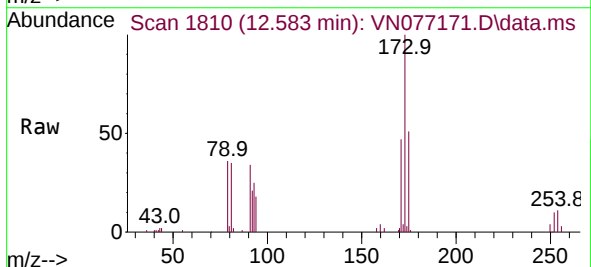
Manual Integrations
APPROVED

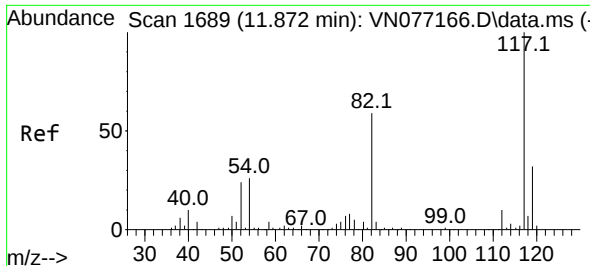
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#56
Bromoform
Concen: 18.492 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

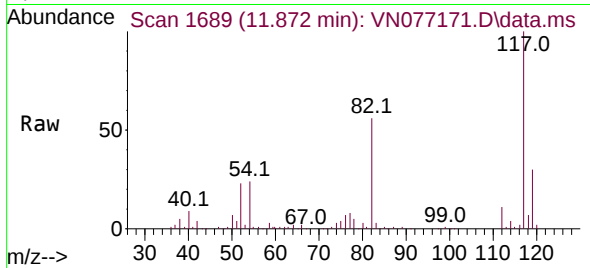
Tgt Ion:173 Resp: 69565
Ion Ratio Lower Upper
173 100
175 49.3 37.8 56.6
254 10.3 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

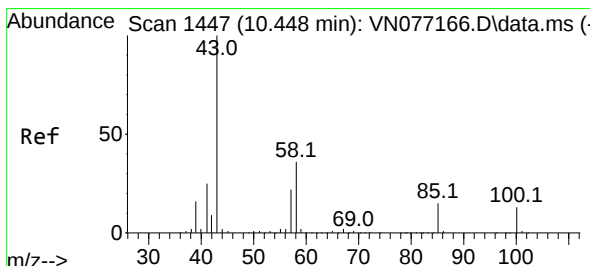
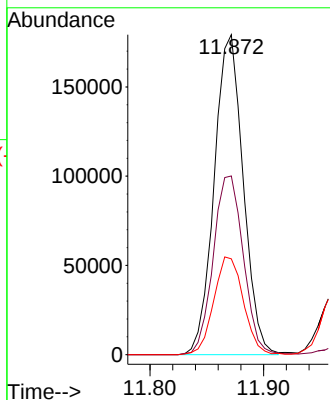
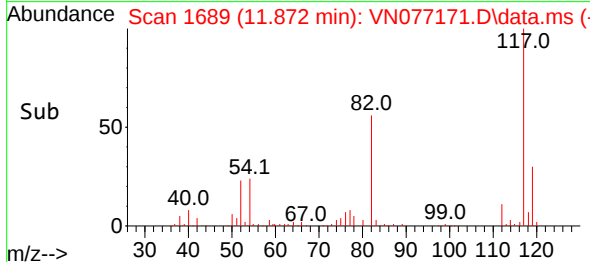
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 117 Resp: 31824
Ion Ratio Lower Upper
117 100
82 58.0 45.4 68.0
119 31.2 26.8 40.2

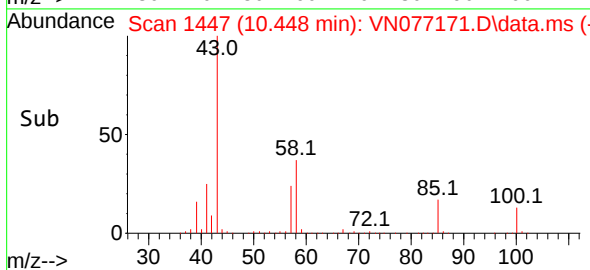
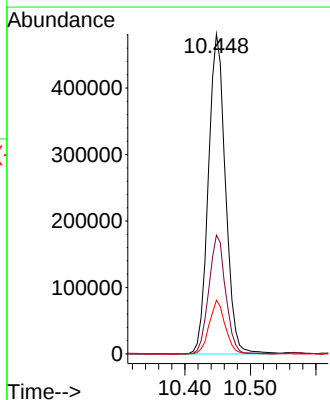
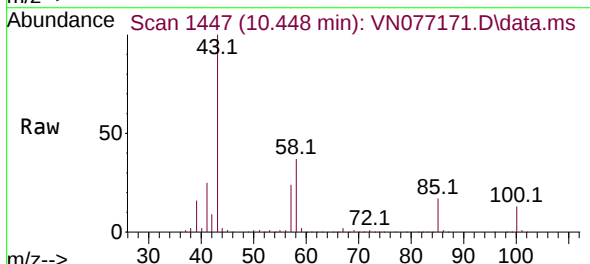
Manual Integrations
APPROVED

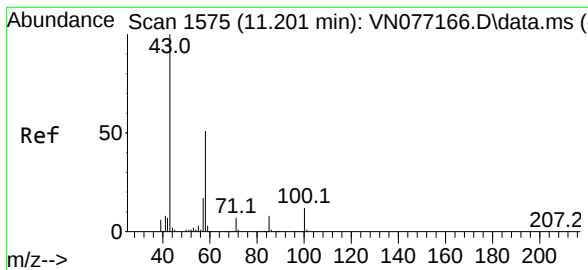
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#58
4-Methyl-2-Pentanone
Concen: 106.086 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

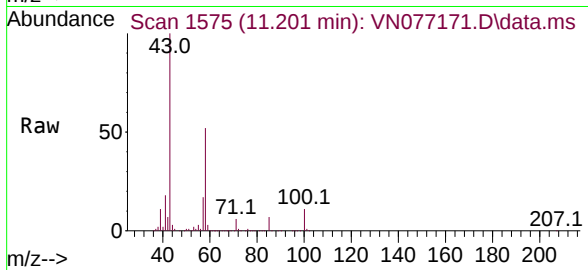
Tgt Ion: 43 Resp: 871343
Ion Ratio Lower Upper
43 100
58 36.3 28.6 42.8
85 15.7 11.8 17.8





#59
2-Hexanone
Concen: 105.335 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

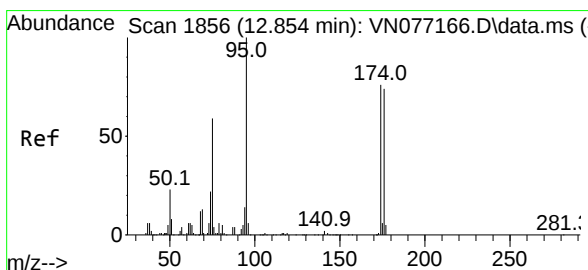
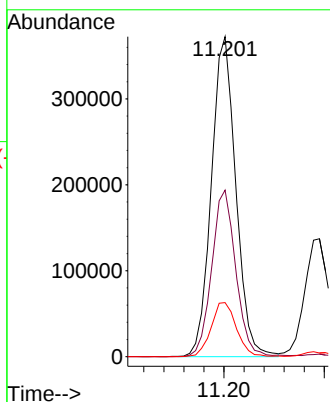
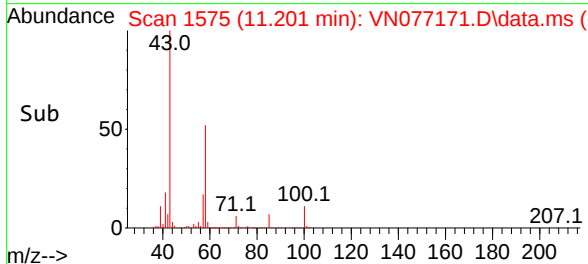
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 43 Resp: 630830
Ion Ratio Lower Upper
43 100
58 51.0 40.6 60.8
57 17.6 13.1 19.7

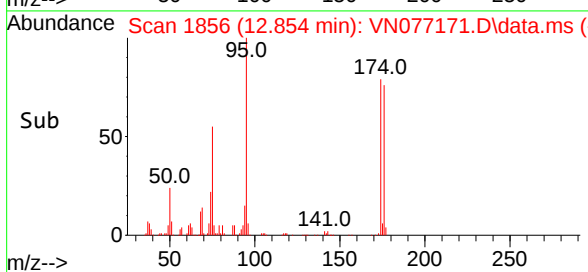
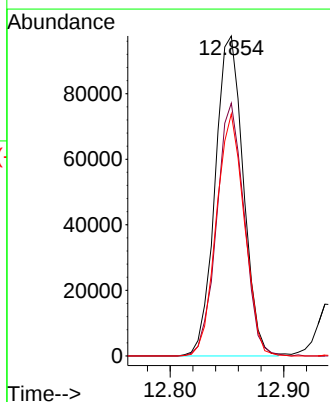
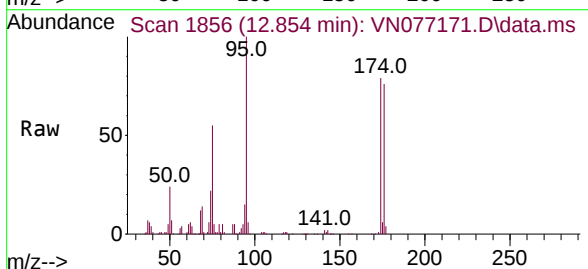
Manual Integrations
APPROVED

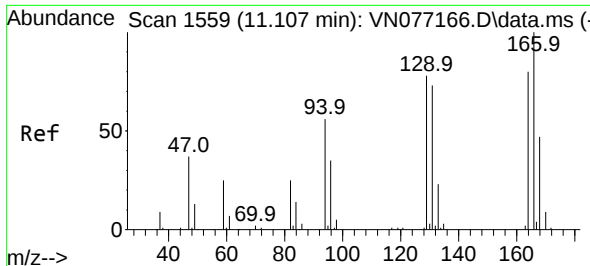
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#60
4-Bromofluorobenzene
Concen: 29.411 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

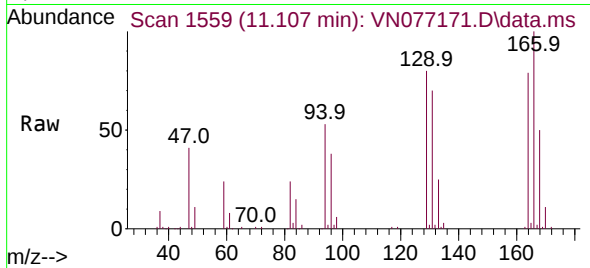
Tgt Ion: 95 Resp: 168149
Ion Ratio Lower Upper
95 100
174 77.0 64.2 96.4
176 75.2 61.4 92.0





#61
Tetrachloroethene
Concen: 20.448 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

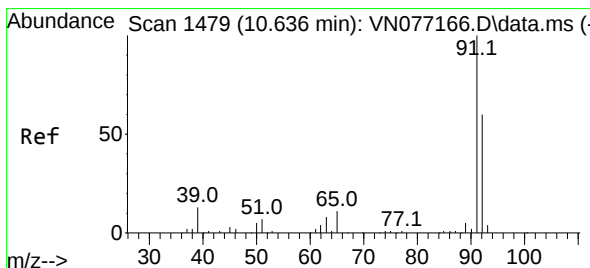
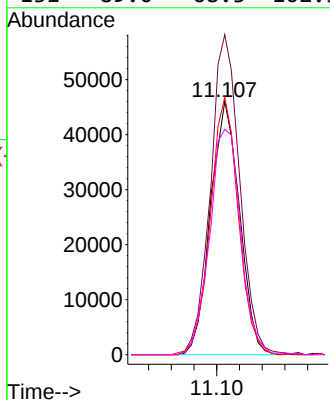
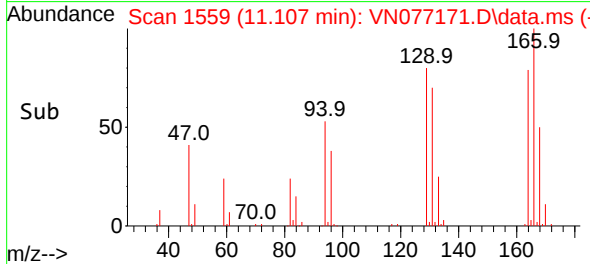
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



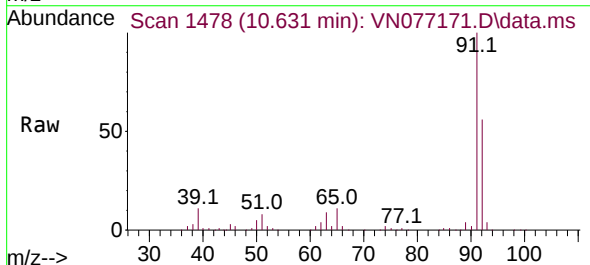
Tgt Ion:164 Resp: 81674
Ion Ratio Lower Upper
164 100
166 126.4 96.2 144.2
129 101.6 78.2 117.4
131 89.0 68.3 102.5

Manual Integrations
APPROVED

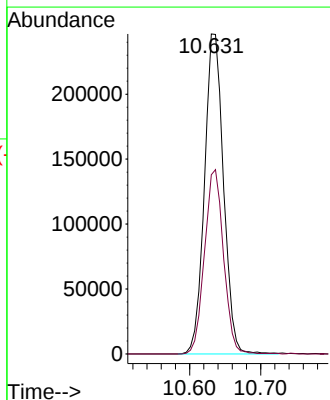
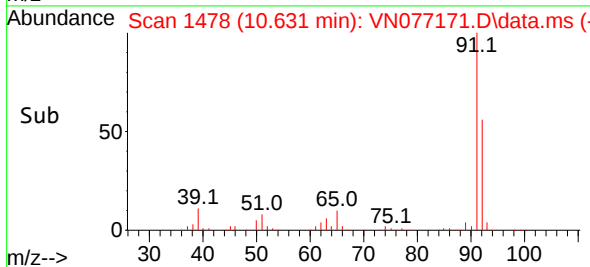
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

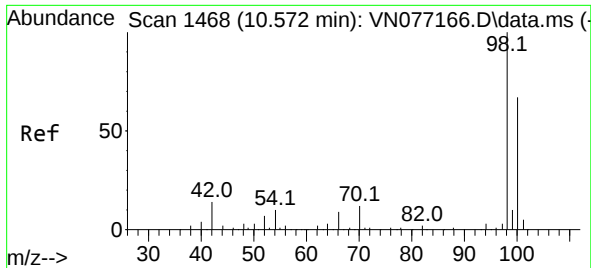


#62
Toluene
Concen: 20.544 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. -0.005 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



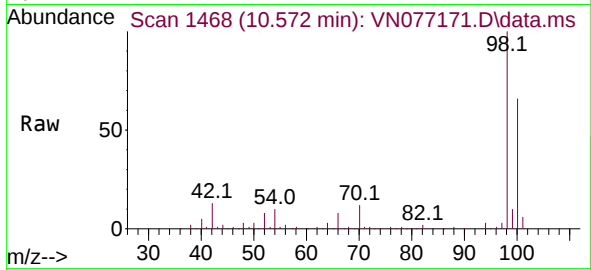
Tgt Ion: 91 Resp: 459505
Ion Ratio Lower Upper
91 100
92 57.5 46.3 69.5





#63
Toluene-d8
Concen: 29.621 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

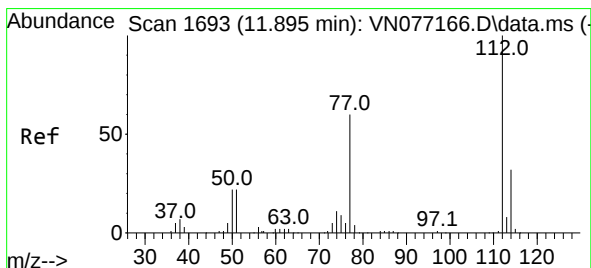
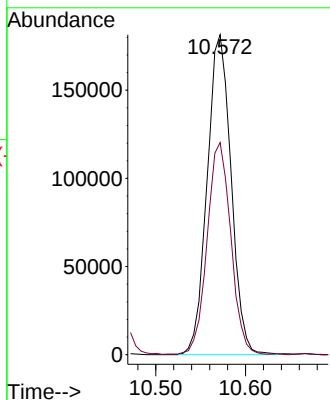
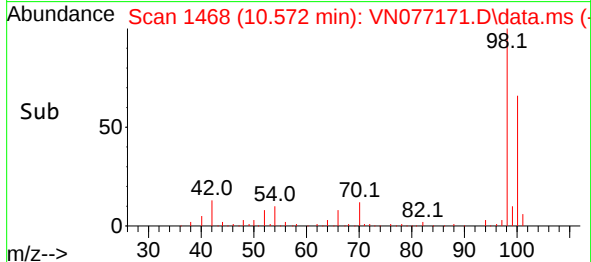
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



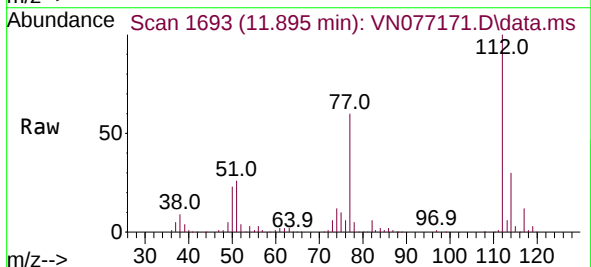
Tgt Ion: 98 Resp: 336507
Ion Ratio Lower Upper
98 100
100 65.3 53.8 80.6

Manual Integrations
APPROVED

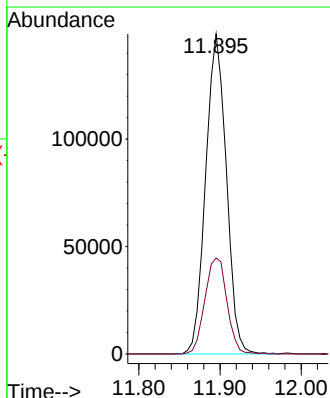
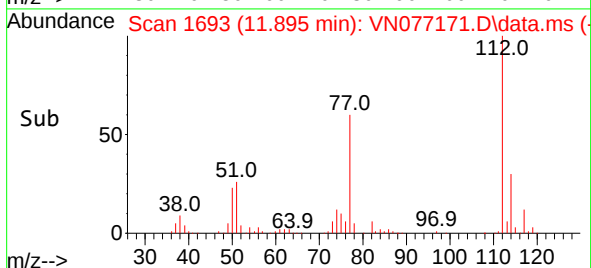
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

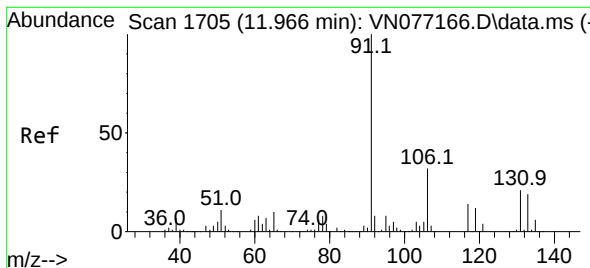


#64
Chlorobenzene
Concen: 19.907 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



Tgt Ion:112 Resp: 263426
Ion Ratio Lower Upper
112 100
114 30.0 24.5 36.7





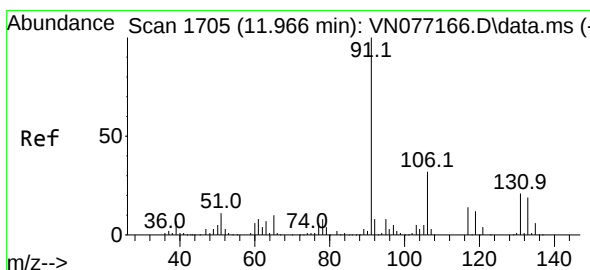
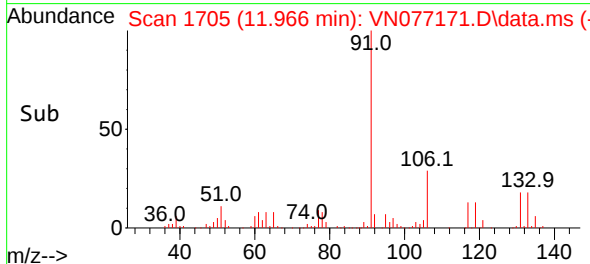
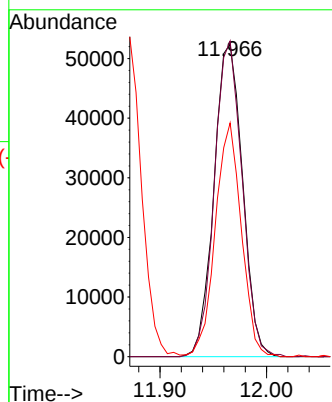
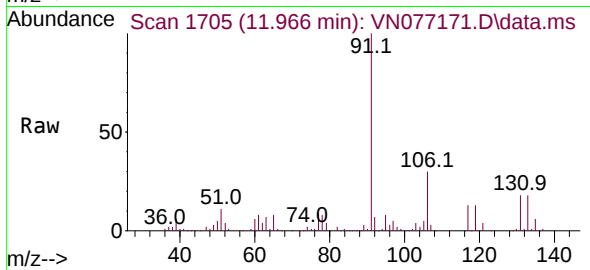
#65
1,1,1,2-Tetrachloroethane
Concen: 20.095 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion:131 Resp: 97658
Ion Ratio Lower Upper
131 100
133 97.6 0.0 197.6
119 68.3 0.0 127.8

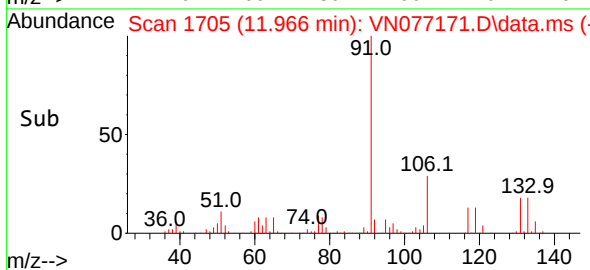
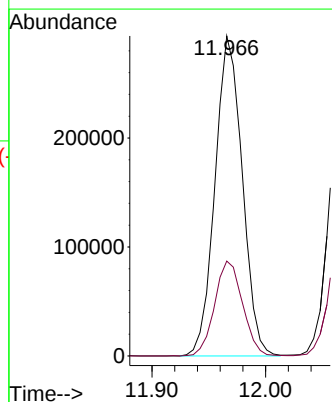
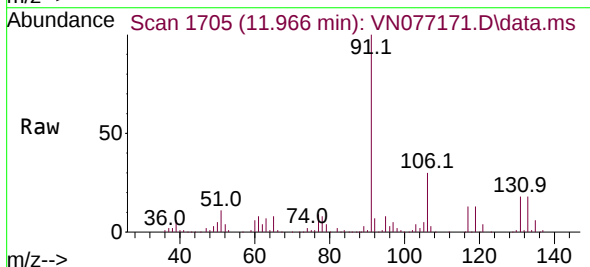
Manual Integrations
APPROVED

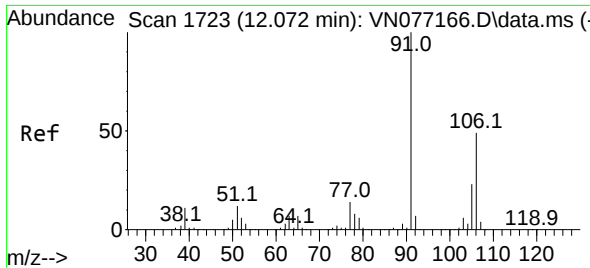
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#66
Ethyl Benzene
Concen: 20.351 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 91 Resp: 489113
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8





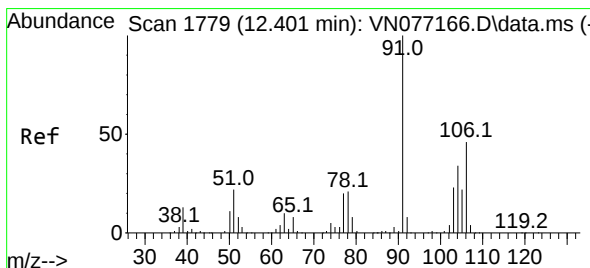
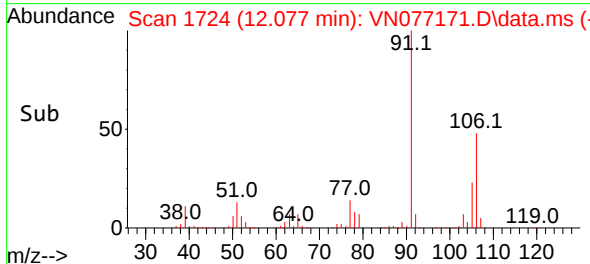
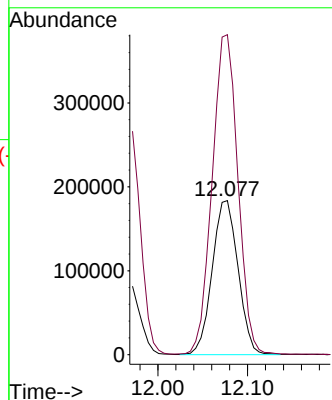
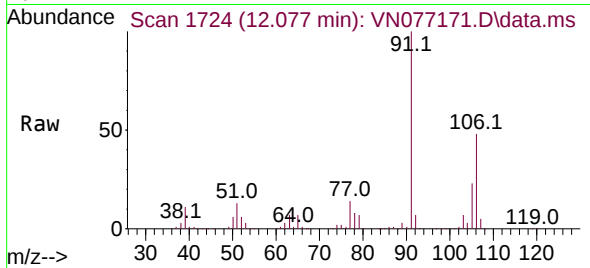
#67
m/p-Xylenes
Concen: 39.712 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion:106 Resp: 367290
Ion Ratio Lower Upper
106 100
91 207.1 157.4 236.2

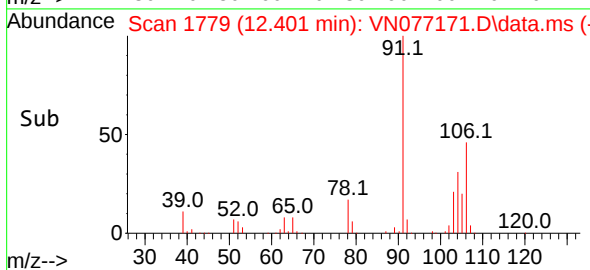
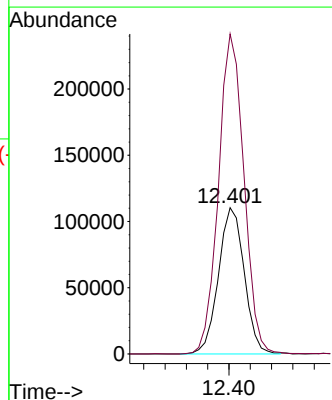
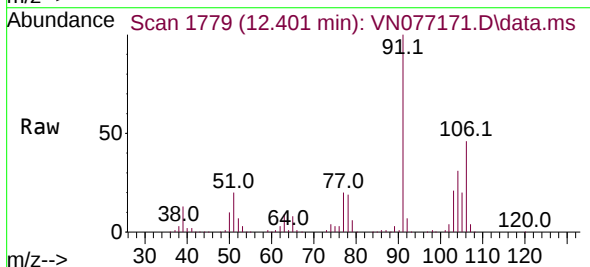
Manual Integrations
APPROVED

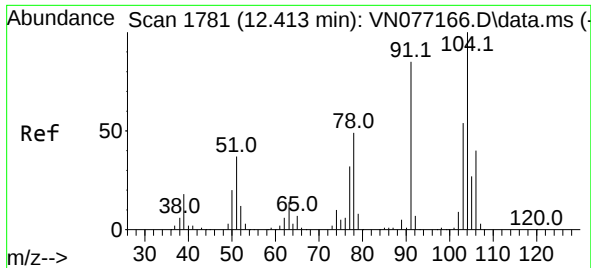
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#68
o-Xylene
Concen: 20.503 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion:106 Resp: 185661
Ion Ratio Lower Upper
106 100
91 216.0 107.2 321.6





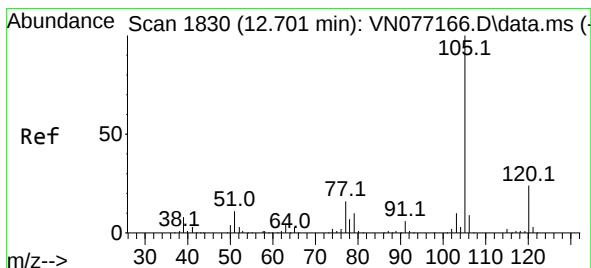
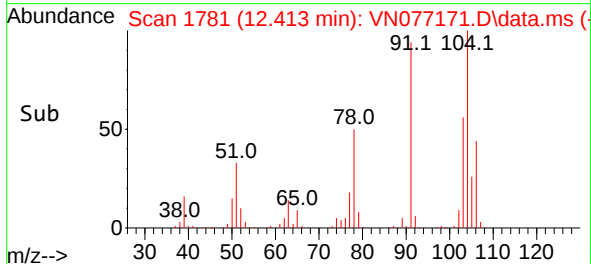
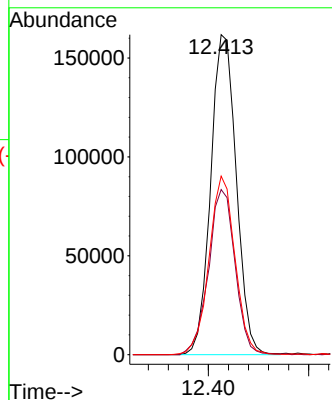
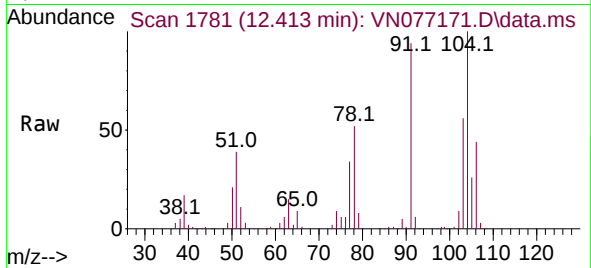
#69
Styrene
Concen: 19.511 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion:104 Resp: 286894
Ion Ratio Lower Upper
104 100
78 53.5 39.6 59.4
103 56.6 43.9 65.9

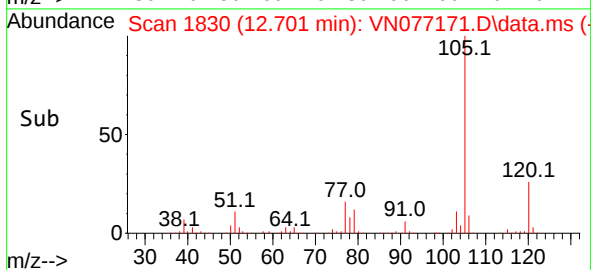
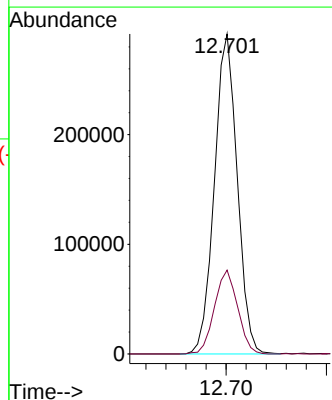
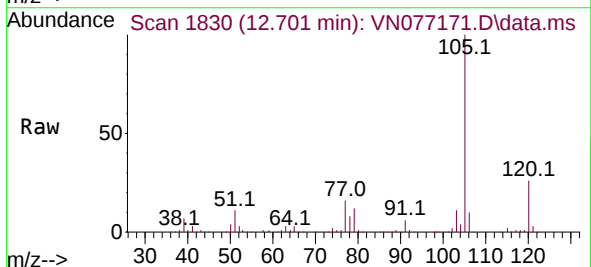
Manual Integrations
APPROVED

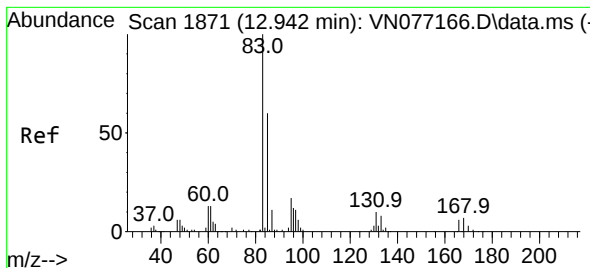
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#70
Isopropylbenzene
Concen: 19.608 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion:105 Resp: 460446
Ion Ratio Lower Upper
105 100
120 26.6 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 20.856 ug/l

RT: 12.936 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

Tgt Ion: 83 Resp: 16030

Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

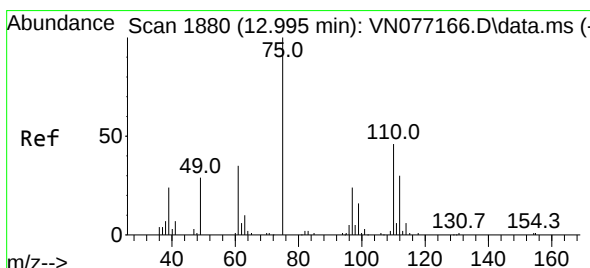
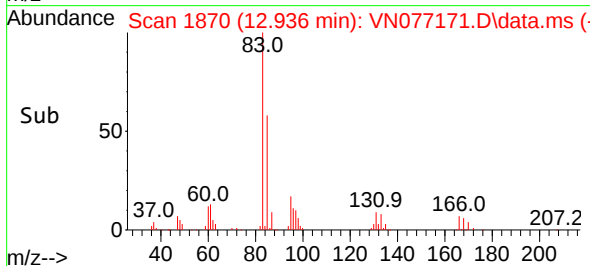
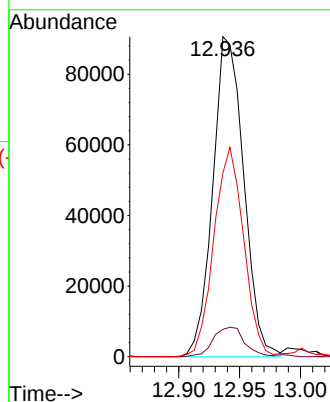
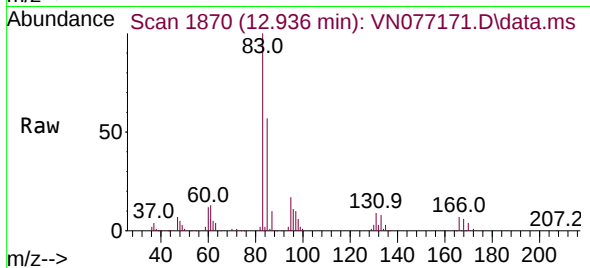
85 62.8 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#72

1,2,3-Trichloropropane

Concen: 21.296 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077171.D

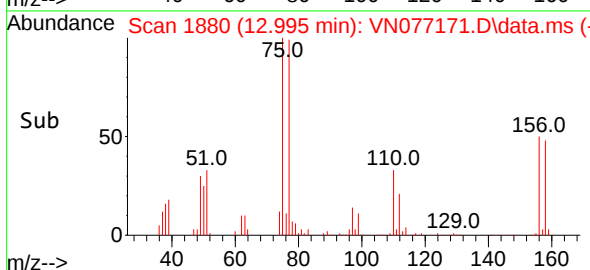
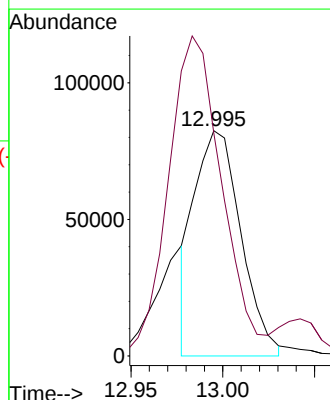
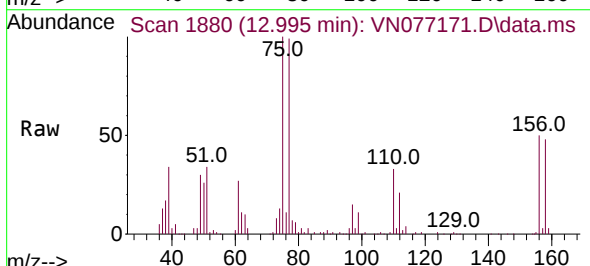
Acq: 24 Mar 2023 01:24

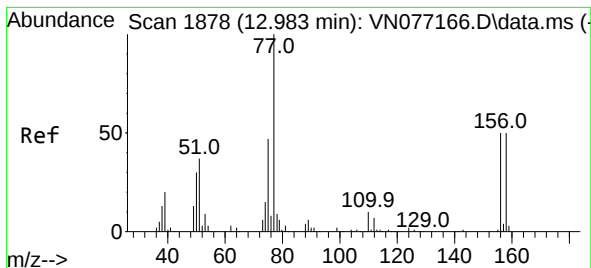
Tgt Ion: 75 Resp: 144884

Ion Ratio Lower Upper

75 100

77 164.0 0.0 332.6





#73

Bromobenzene

Concen: 20.228 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

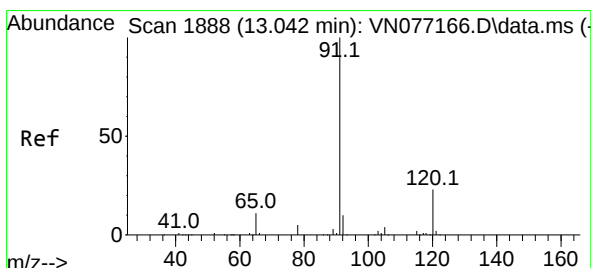
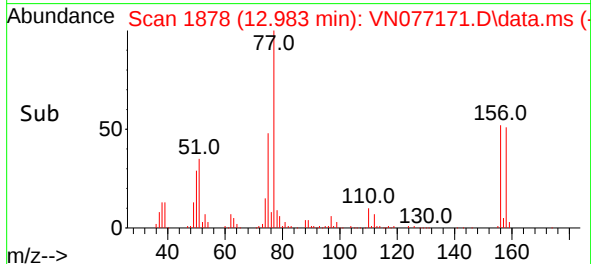
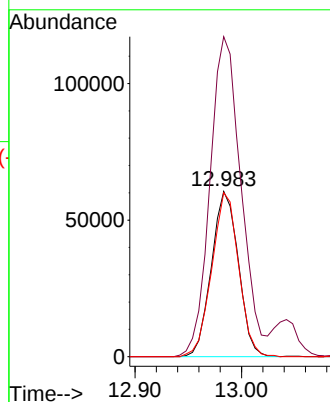
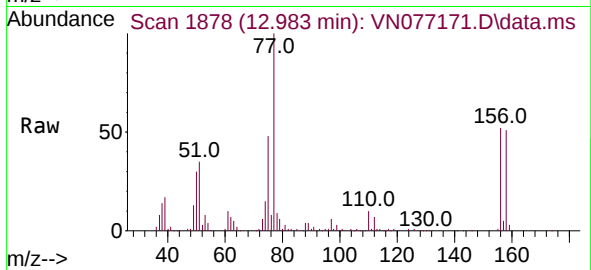
Tgt Ion:	156	Resp:	10619
Ion Ratio	Lower	Upper	
156	100		
77	223.7	0.0	423.0
158	98.9	0.0	188.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#74

n-propylbenzene

Concen: 19.778 ug/l

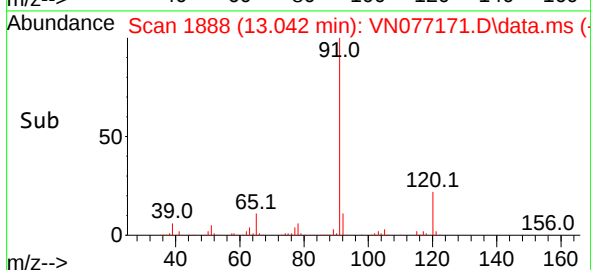
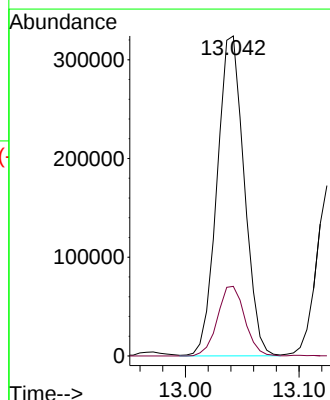
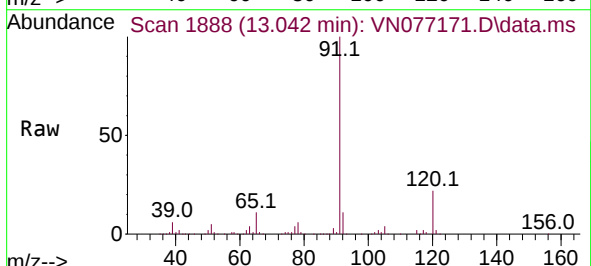
RT: 13.042 min Scan# 1888

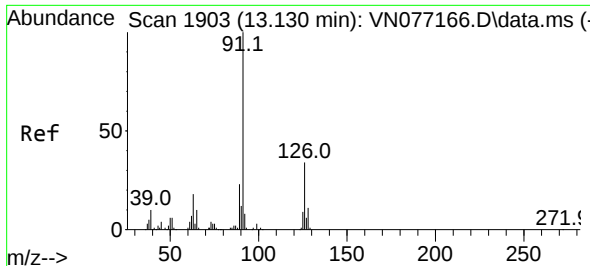
Delta R.T. 0.000 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

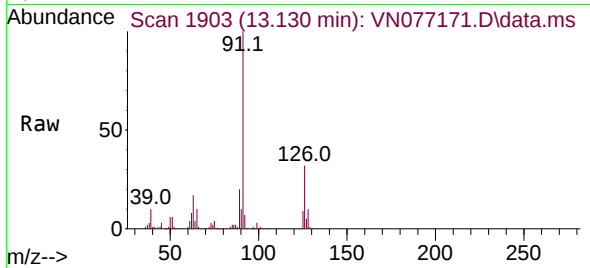
Tgt Ion:	91	Resp:	537679
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	44.0





#75
2-Chlorotoluene
Concen: 19.930 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

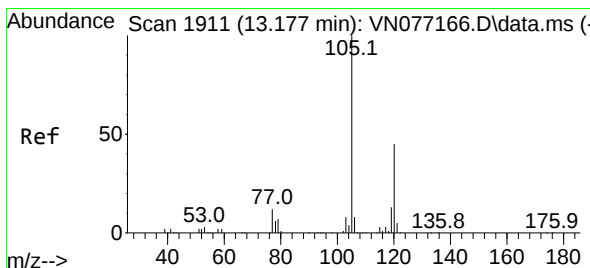
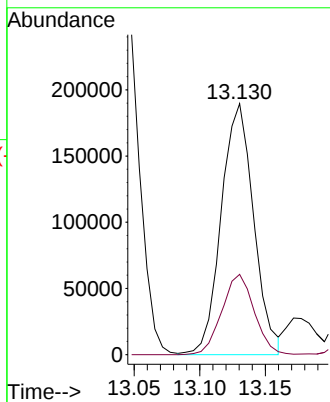
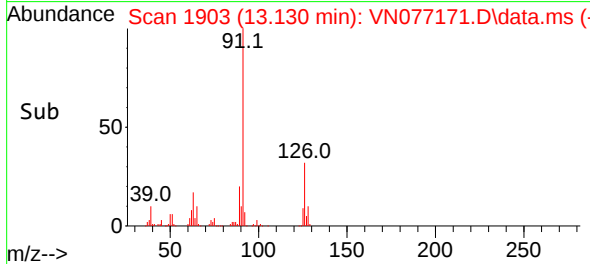
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



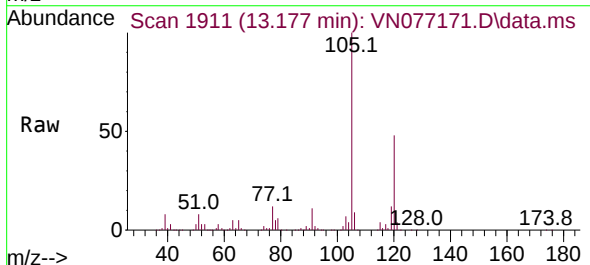
Tgt Ion: 91 Resp: 326679
Ion Ratio Lower Upper
91 100
126 31.8 0.0 66.4

Manual Integrations
APPROVED

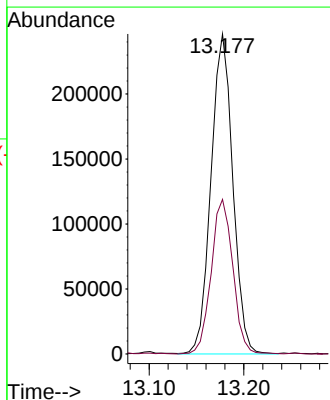
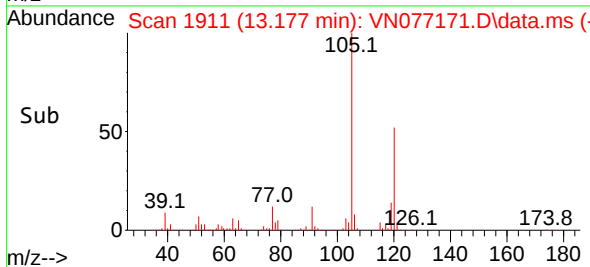
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

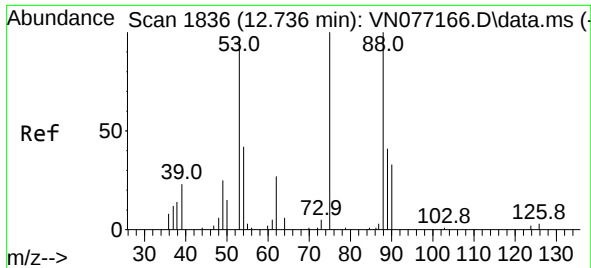


#76
1,3,5-Trimethylbenzene
Concen: 20.213 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



Tgt Ion:105 Resp: 393986
Ion Ratio Lower Upper
105 100
120 48.0 0.0 103.2





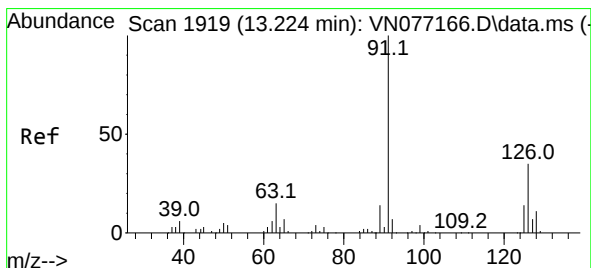
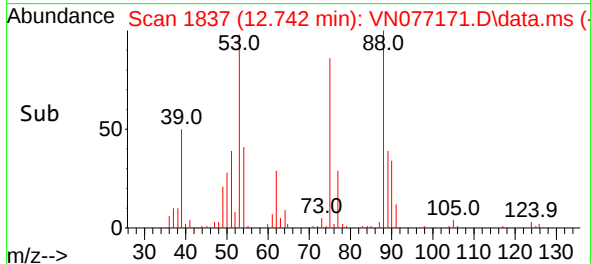
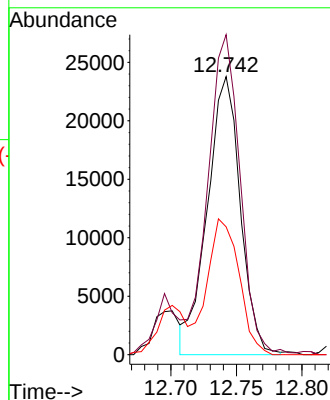
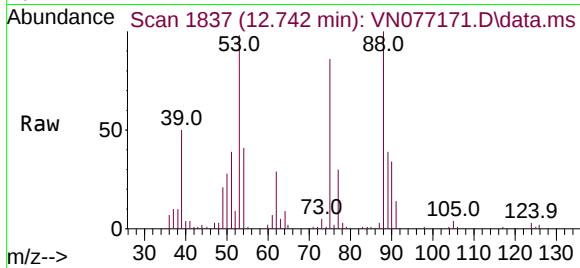
#77
t-1,4-Dichloro-2-butene
Concen: 19.149 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion: 75 Resp: 41530
Ion Ratio Lower Upper
75 100
53 114.2 50.4 151.3
89 46.4 22.1 66.5

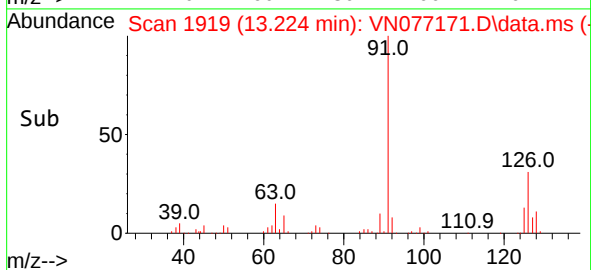
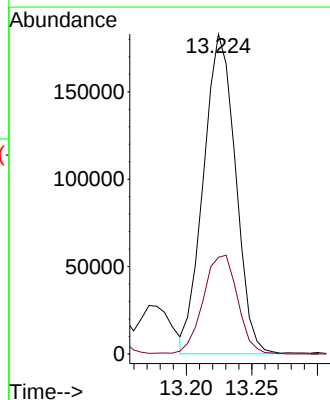
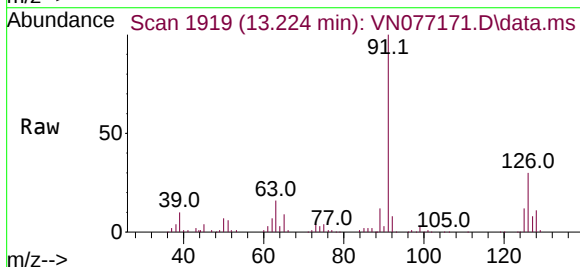
Manual Integrations
APPROVED

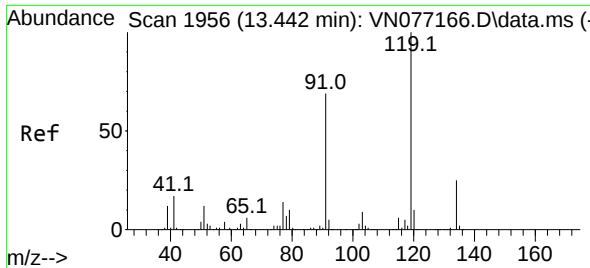
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#78
4-Chlorotoluene
Concen: 19.756 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion: 91 Resp: 311508
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





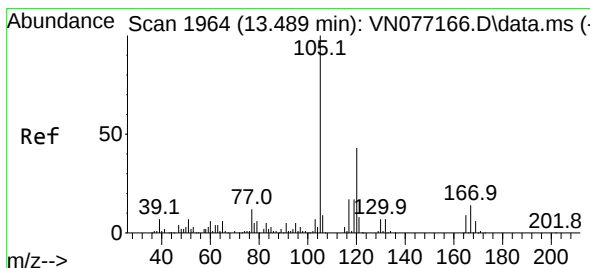
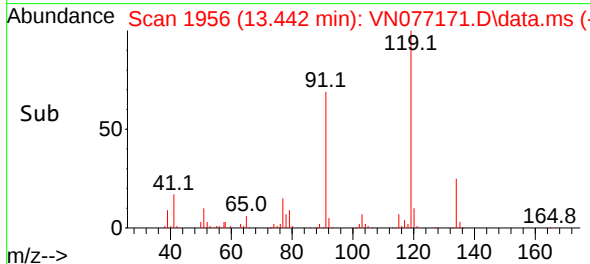
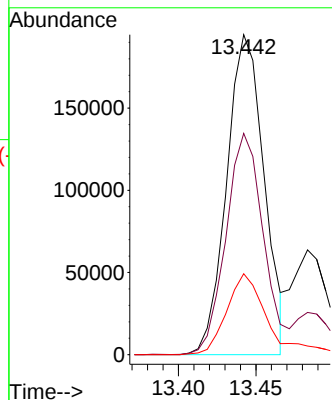
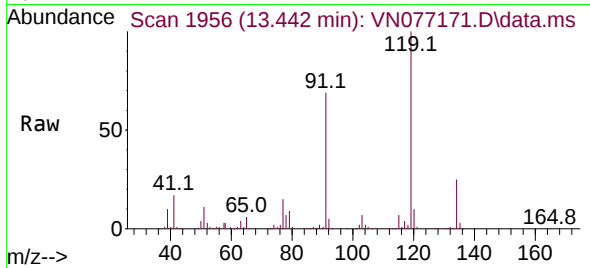
#79
tert-butylbenzene
Concen: 19.640 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion:119 Resp: 32704
Ion Ratio Lower Upper
119 100
91 69.5 0.0 129.6
134 24.3 0.0 47.8

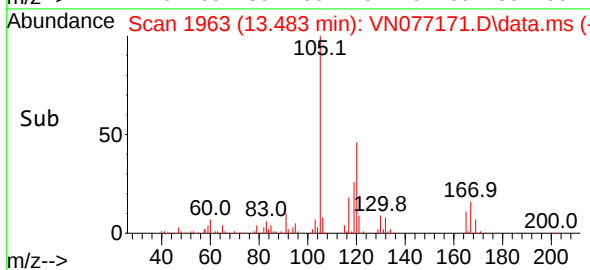
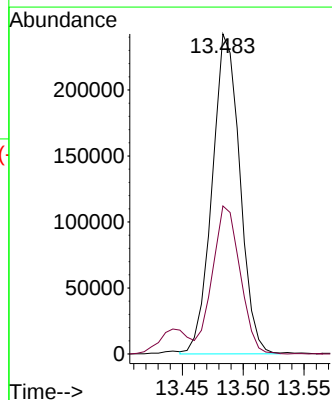
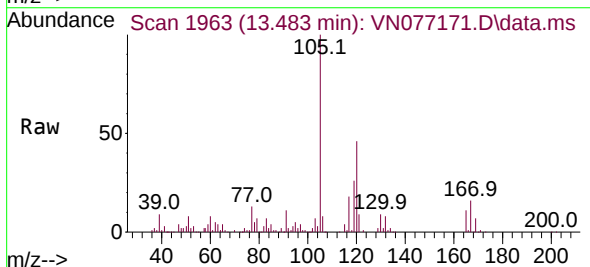
Manual Integrations
APPROVED

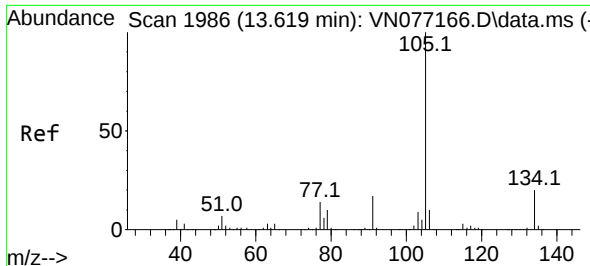
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.802 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

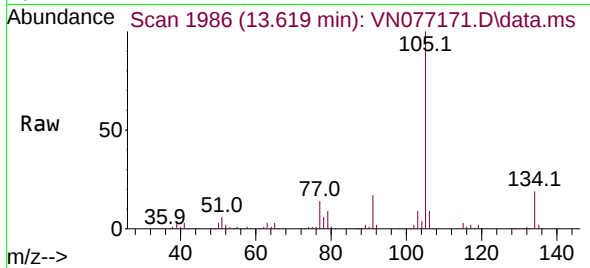
Tgt Ion:105 Resp: 383033
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 19.479 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077171.D
 Acq: 24 Mar 2023 01:24

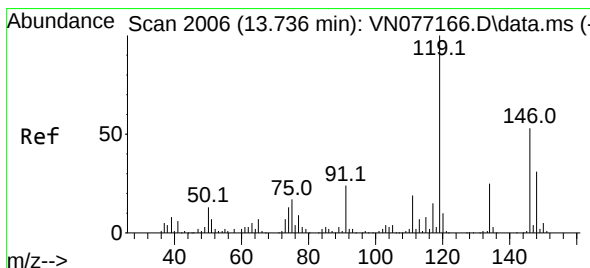
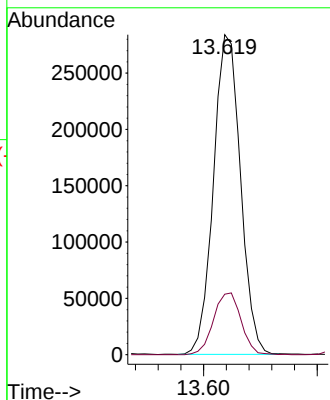
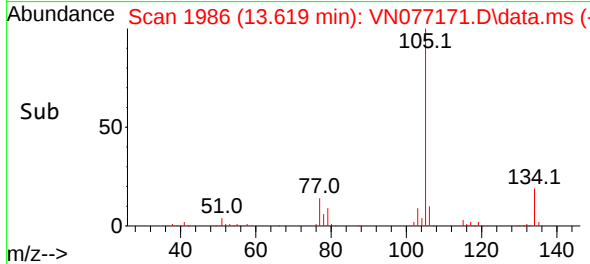
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN032423



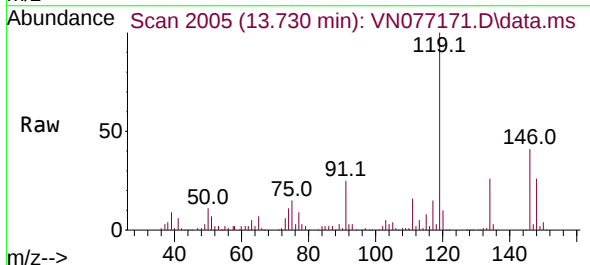
Tgt Ion:105 Resp: 46834
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

Manual Integrations
 APPROVED

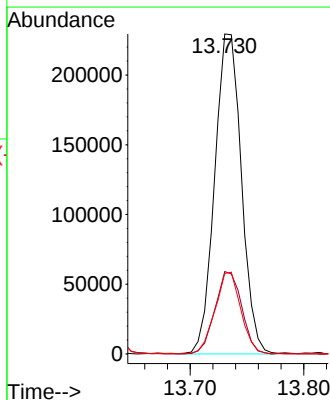
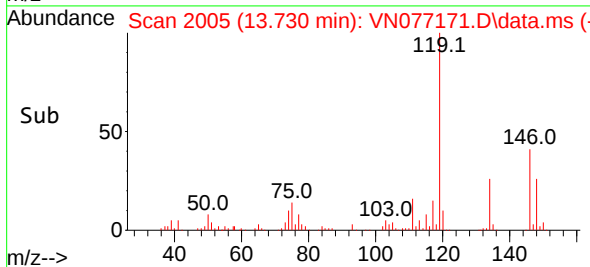
Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Semsettin Yesilyurt 03/27/2023

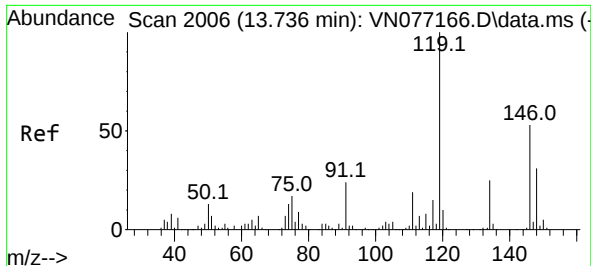


#82
 p-Isopropyltoluene
 Concen: 19.496 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077171.D
 Acq: 24 Mar 2023 01:24



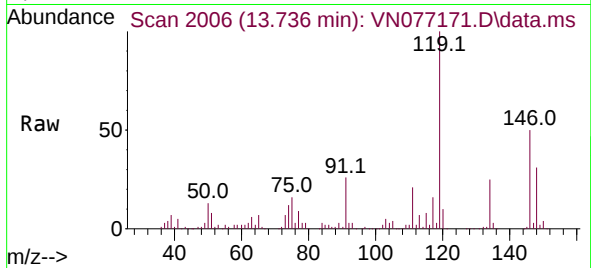
Tgt Ion:119 Resp: 375746
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 53.4
 91 24.7 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 19.941 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

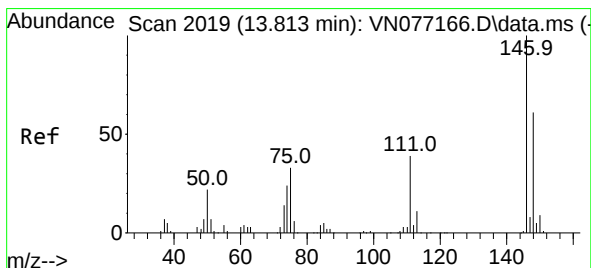
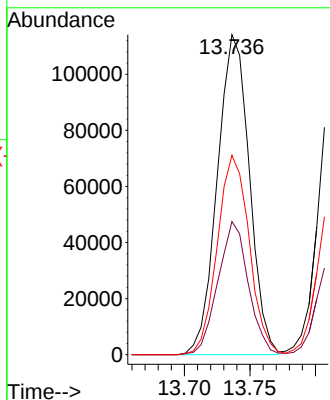
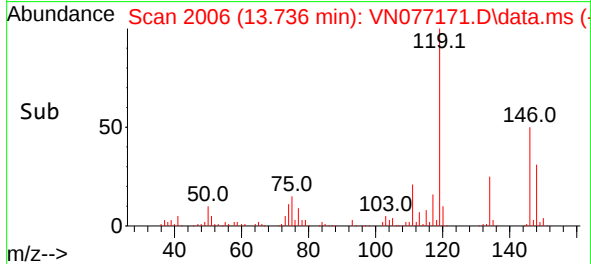
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



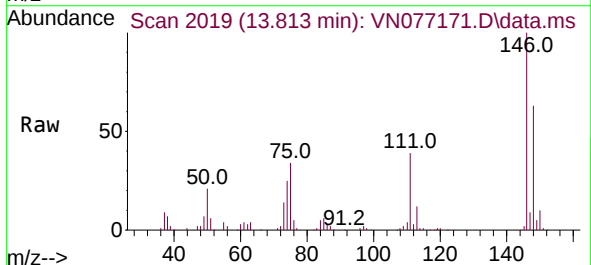
Tgt Ion:146 Resp: 193839
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.8
148 62.2 31.9 95.5

Manual Integrations
APPROVED

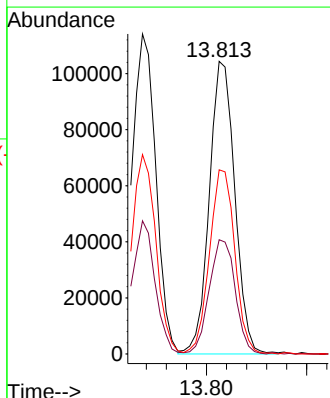
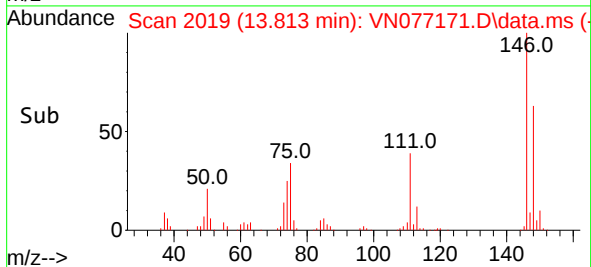
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023

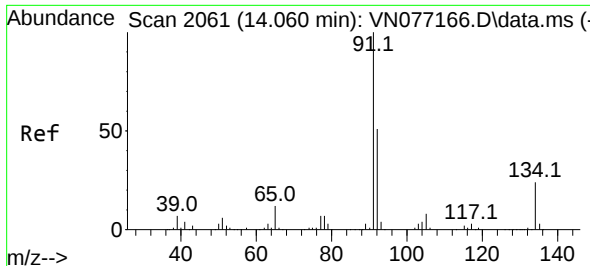


#84
1,4-Dichlorobenzene
Concen: 19.497 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24



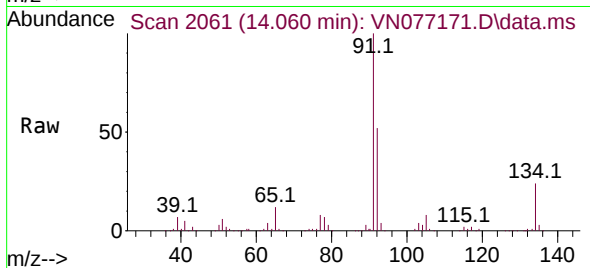
Tgt Ion:146 Resp: 184625
Ion Ratio Lower Upper
146 100
111 39.7 18.2 54.6
148 62.5 31.1 93.2





#85
n-Butylbenzene
Concen: 18.569 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

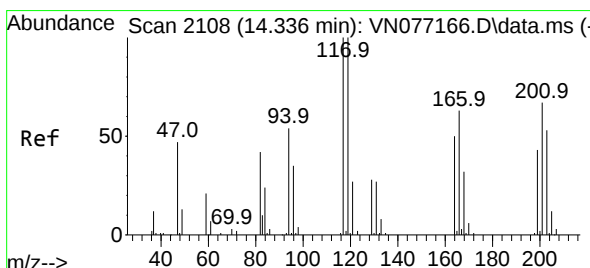
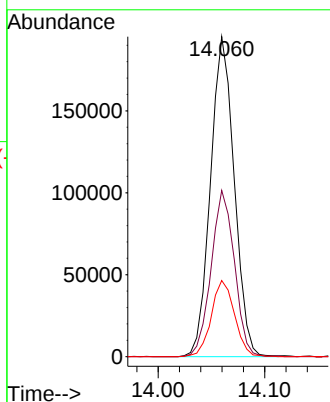
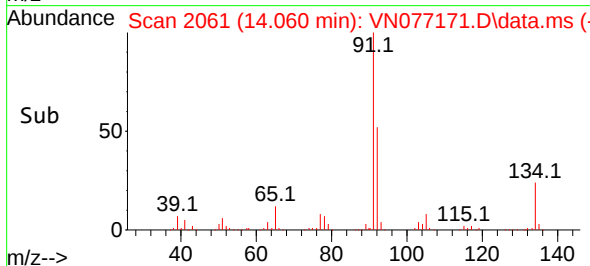
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion: 91 Resp: 30250
Ion Ratio Lower Upper
91 100
92 50.9 0.0 103.2
134 23.3 0.0 50.0

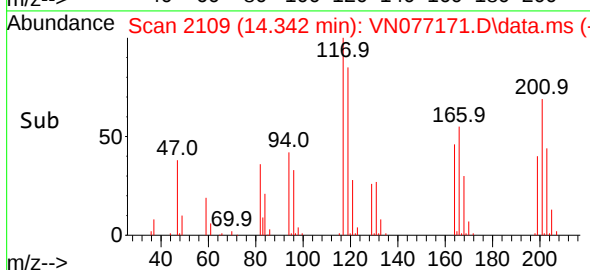
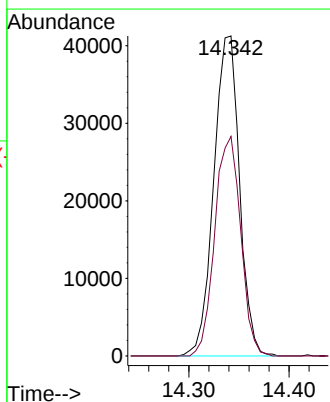
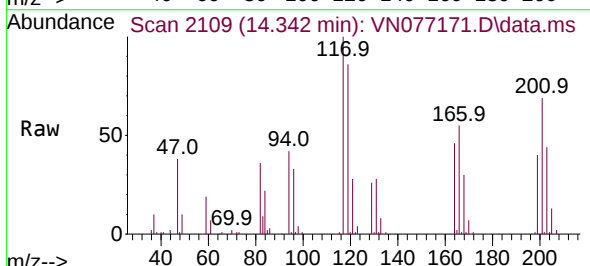
Manual Integrations
APPROVED

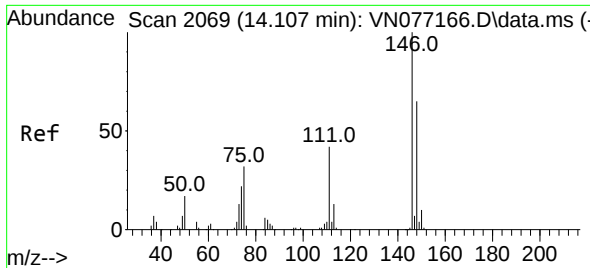
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#86
Hexachloroethane
Concen: 20.007 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion:117 Resp: 73533
Ion Ratio Lower Upper
117 100
201 68.9 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 19.945 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

Instrument :

MSVOA_N

ClientSampleId :

ICVVN032423

Tgt Ion:146 Resp: 193879

Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

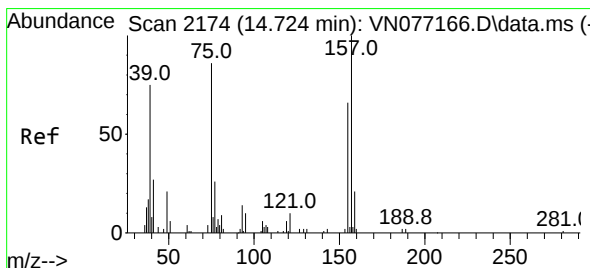
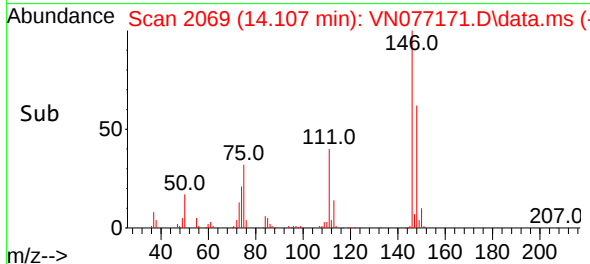
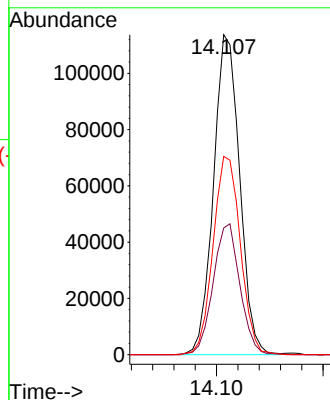
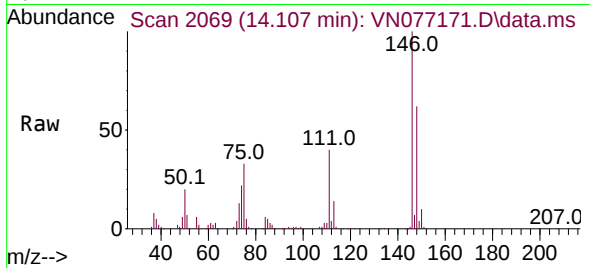
148 64.6 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/24/2023

Supervised By :Semsettin Yesilyurt 03/27/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.310 ug/l

RT: 14.718 min Scan# 2173

Delta R.T. -0.006 min

Lab File: VN077171.D

Acq: 24 Mar 2023 01:24

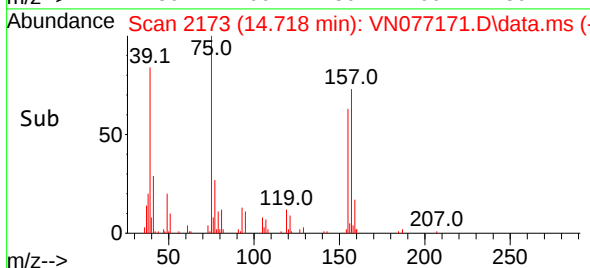
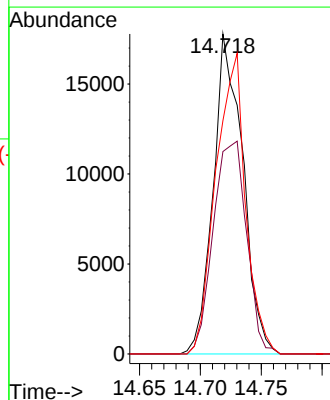
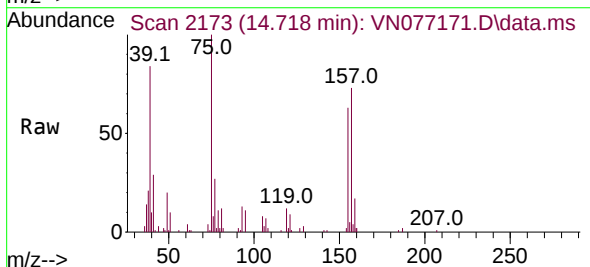
Tgt Ion: 75 Resp: 29953

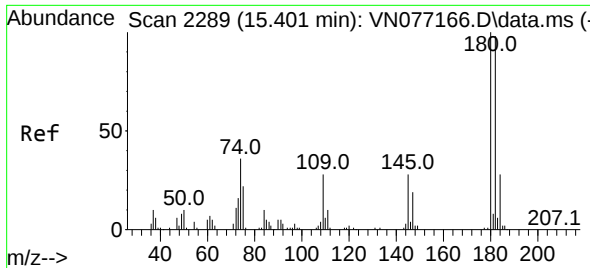
Ion Ratio Lower Upper

75 100

155 75.2 62.5 93.7

157 94.7 77.5 116.3





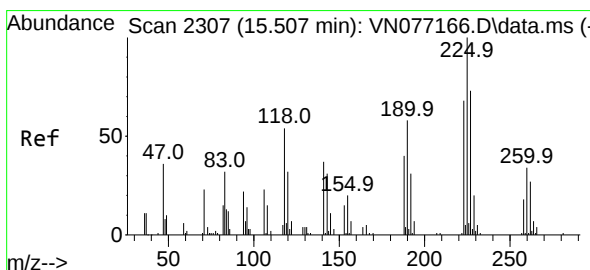
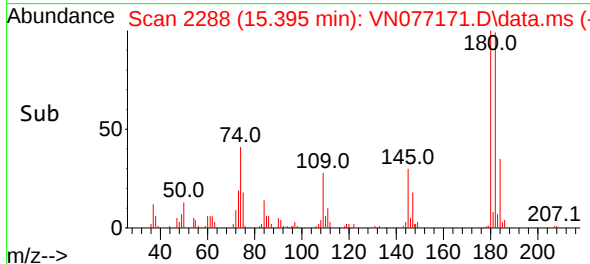
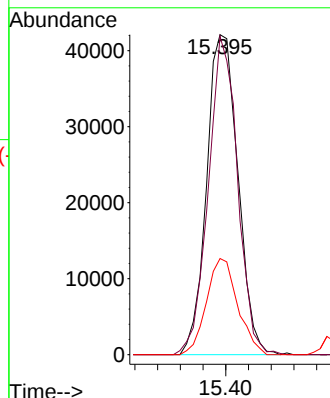
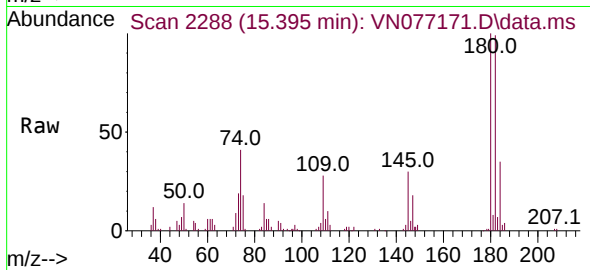
#89
1,2,4-Trichlorobenzene
Concen: 18.572 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423

Tgt Ion:180 Resp: 80530
Ion Ratio Lower Upper
180 100
182 92.8 76.6 115.0
145 30.0 24.6 36.8

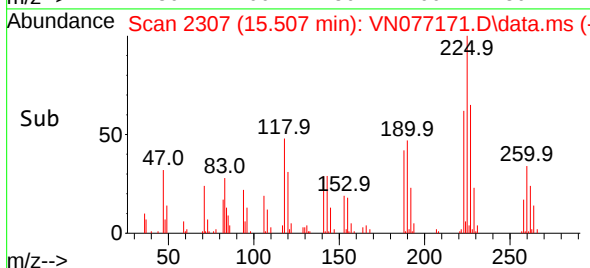
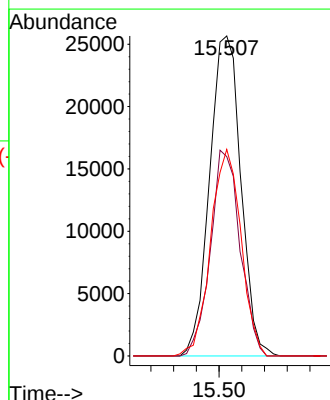
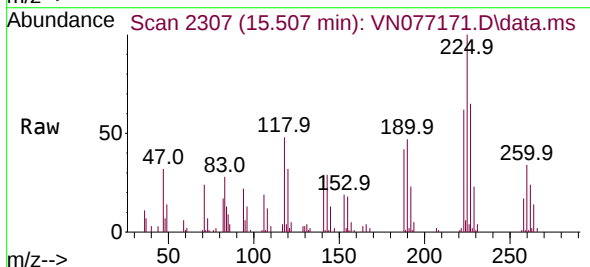
Manual Integrations
APPROVED

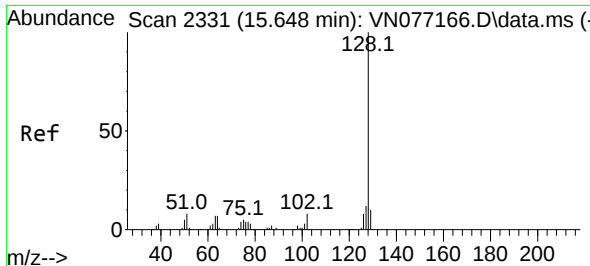
Reviewed By :Krupa Patel 03/24/2023
Supervised By :Semsettin Yesilyurt 03/27/2023



#90
Hexachlorobutadiene
Concen: 20.056 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

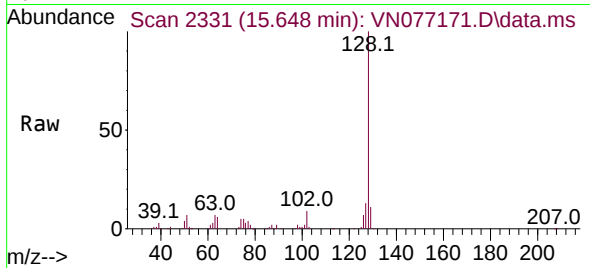
Tgt Ion:225 Resp: 49064
Ion Ratio Lower Upper
225 100
223 60.9 0.0 135.4
227 62.6 0.0 129.4





#91
Naphthalene
Concen: 18.516 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

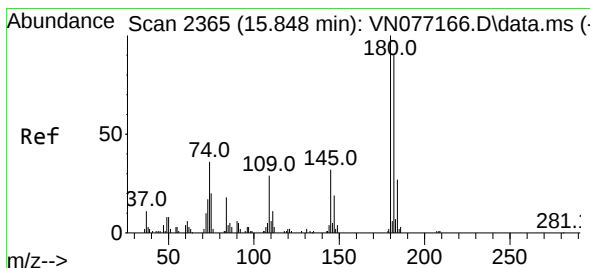
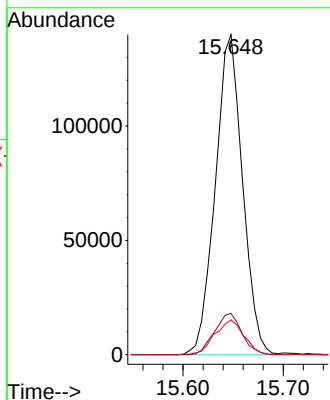
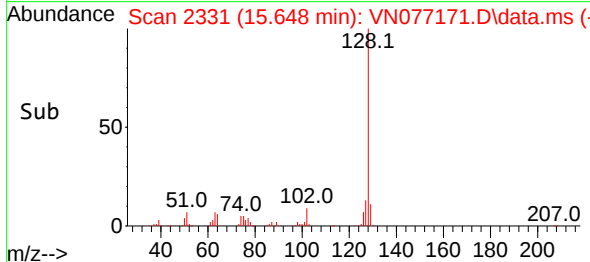
Instrument :
MSVOA_N
ClientSampleId :
ICVVN032423



Tgt Ion:128 Resp: 263470
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.6
129 11.3 8.9 13.3

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.242 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077171.D
Acq: 24 Mar 2023 01:24

Tgt Ion:180 Resp: 82855
Ion Ratio Lower Upper
180 100
182 90.3 0.0 190.8
145 34.2 0.0 65.0

