

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030623\
 Data File : VN076858.D
 Acq On : 06 Mar 2023 19:39
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Mar 07 01:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 01:38:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2023
 Supervised By : Semsettin Yesilyurt 03/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	564900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	978885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	876128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	402608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	579852	73.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 146.420%#			
35) Dibromofluoromethane	8.172	113	454003	74.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 148.280%#			
50) Toluene-d8	10.572	98	1802647	76.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 152.820%#			
62) 4-Bromofluorobenzene	12.854	95	658417	80.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 161.080%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	489884	74.527	ug/l	99
3) Chloromethane	2.378	50	607390	70.255	ug/l	95
4) Vinyl Chloride	2.525	62	583606	73.646	ug/l	98
5) Bromomethane	2.943	94	335054	64.346	ug/l	93
6) Chloroethane	3.119	64	349707	75.672	ug/l	98
7) Trichlorofluoromethane	3.507	101	884275	76.479	ug/l	96
8) Diethyl Ether	3.972	74	355884	80.015	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.384	101	503868	74.532	ug/l	99
10) Methyl Iodide	4.607	142	648793	92.013	ug/l	98
11) Tert butyl alcohol	5.537	59	451180	383.624	ug/l	98
12) 1,1-Dichloroethene	4.354	96	489674	77.677	ug/l	87
13) Acrolein	4.190	56	586356	385.389	ug/l	99
14) Allyl chloride	5.037	41	818348	77.756	ug/l #	79
15) Acrylonitrile	5.731	53	1457167	385.258	ug/l	99
16) Acetone	4.437	43	1205482	348.692	ug/l	94
17) Carbon Disulfide	4.725	76	1334018	77.949	ug/l	98
18) Methyl Acetate	5.031	43	915796	77.307	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	1715420	79.355	ug/l	96
20) Methylene Chloride	5.290	84	567286	70.331	ug/l #	81
21) trans-1,2-Dichloroethene	5.801	96	519048	76.151	ug/l #	83
22) Diisopropyl ether	6.684	45	1854491	78.321	ug/l #	93
23) Vinyl Acetate	6.613	43	6074169	402.738	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	1035118	76.663	ug/l	98
25) 2-Butanone	7.490	43	1931010	382.369	ug/l #	85
26) 2,2-Dichloropropane	7.501	77	772748	78.150	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	607883	76.130	ug/l	87
28) Bromochloromethane	7.819	49	418456	73.289	ug/l #	75
29) Tetrahydrofuran	7.842	42	1284247	394.203	ug/l #	77
30) Chloroform	7.972	83	1004756	74.924	ug/l	100
31) Cyclohexane	8.266	56	959097	71.685	ug/l #	83
32) 1,1,1-Trichloroethane	8.178	97	889198	76.570	ug/l	97
36) 1,1-Dichloropropene	8.378	75	780063	79.257	ug/l	96
37) Ethyl Acetate	7.566	43	759976	75.227	ug/l #	93
38) Carbon Tetrachloride	8.366	117	759683	75.980	ug/l	99
39) Methylcyclohexane	9.607	83	1003191	82.693	ug/l #	86
40) Benzene	8.613	78	2340189	78.055	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	449007	81.389	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	788159	75.465	ug/l	96
43) Isopropyl Acetate	8.695	43	1265120	81.801	ug/l #	90
44) Trichloroethene	9.354	130	565293	79.522	ug/l	98
45) 1,2-Dichloropropane	9.625	63	604407	78.011	ug/l	96
46) Dibromomethane	9.713	93	376513	76.513	ug/l	98
47) Bromodichloromethane	9.889	83	793350	78.423	ug/l	99
48) Methyl methacrylate	9.684	41	630135	83.848	ug/l #	77
49) 1,4-Dioxane	9.695	88	212587	1543.347	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	3947211	404.624	ug/l	91
52) Toluene	10.631	92	1427322	79.953	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	853229	87.010	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	946812	84.058	ug/l #	93
55) 1,1,2-Trichloroethane	11.019	97	542809	76.436	ug/l	96
56) Ethyl methacrylate	10.878	69	912881	86.276	ug/l #	81
57) 1,3-Dichloropropane	11.166	76	982951	79.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	1601058	436.713	ug/l	91
59) 2-Hexanone	11.195	43	2871893	406.272	ug/l	89
60) Dibromochloromethane	11.360	129	580676	82.979	ug/l	98
61) 1,2-Dibromoethane	11.472	107	555672	81.410	ug/l	99
64) Tetrachloroethene	11.107	164	530202	81.319	ug/l	98
65) Chlorobenzene	11.895	112	1462056	77.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	539411	78.756	ug/l	99
67) Ethyl Benzene	11.966	91	2805313	81.598	ug/l	98
68) m/p-Xylenes	12.072	106	2111138	163.214	ug/l	93
69) o-Xylene	12.401	106	1039516	81.610	ug/l	89
70) Styrene	12.413	104	1724662	86.360	ug/l	96
71) Bromoform	12.583	173	396603	85.071	ug/l #	98
73) Isopropylbenzene	12.701	105	2741255	78.111	ug/l	96
74) N-amyl acetate	12.495	43	1099946	80.140	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.942	83	770076	68.469	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	723486m	71.357	ug/l	
77) Bromobenzene	12.983	156	583435	75.128	ug/l	86
78) n-propylbenzene	13.036	91	3242516	81.021	ug/l	96
79) 2-Chlorotoluene	13.130	91	1952478	76.054	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	2338071	79.490	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	248918	80.851	ug/l	88
82) 4-Chlorotoluene	13.224	91	1883513	77.390	ug/l	93
83) tert-Butylbenzene	13.442	119	1963331	78.113	ug/l	93
84) 1,2,4-Trimethylbenzene	13.483	105	2315962	79.823	ug/l	94
85) sec-Butylbenzene	13.619	105	2878230	82.019	ug/l	97
86) p-Isopropyltoluene	13.730	119	2360997	84.116	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	1098681	77.481	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	1086872	75.487	ug/l	99
89) n-Butylbenzene	14.060	91	2091838	86.266	ug/l	97
90) Hexachloroethane	14.336	117	404257	79.715	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	1080447	75.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	168193	78.920	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	614620	85.533	ug/l	99
94) Hexachlorobutadiene	15.507	225	291551	77.924	ug/l	98
95) Naphthalene	15.642	128	2087704	90.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	599970	84.948	ug/l	99

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ClientSampleId :
VSTDICC075

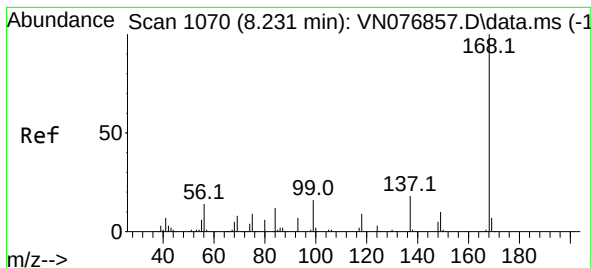
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VN076858.D

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Instrument :

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ClientSampleId :

VSTDIC075

Tgt Ion:168 Resp: 564900

Ion Ratio Lower Upper

168 100

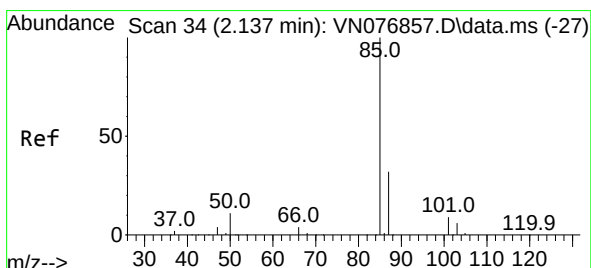
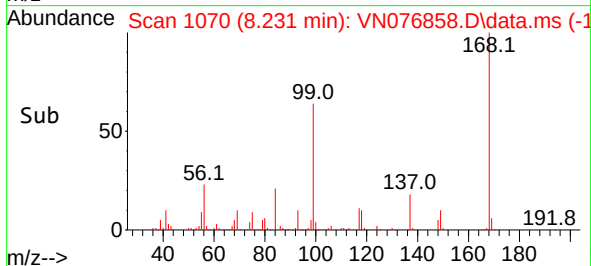
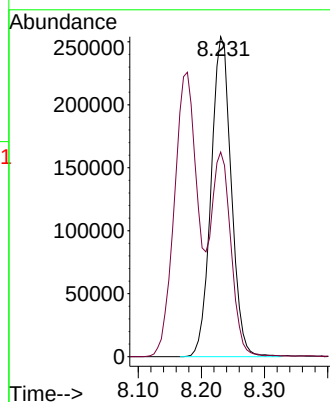
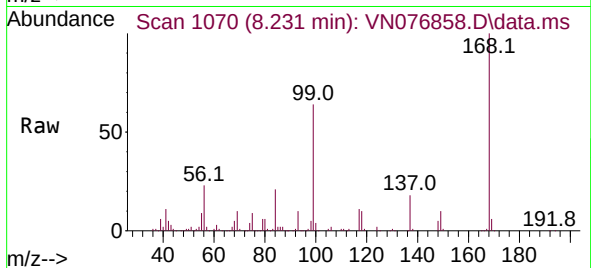
99 63.7 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#2

Dichlorodifluoromethane

Concen: 74.527 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN076858.D

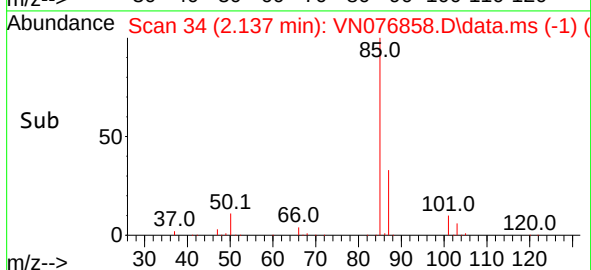
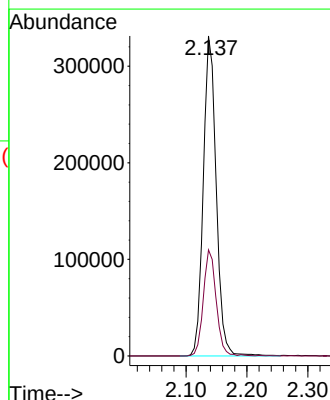
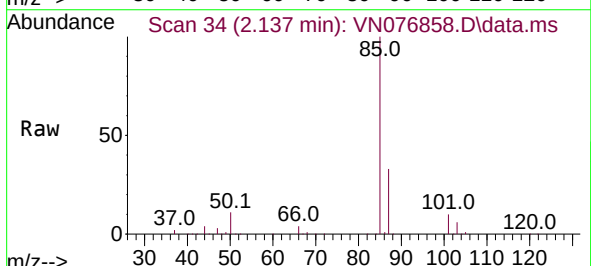
Acq: 06 Mar 2023 19:39

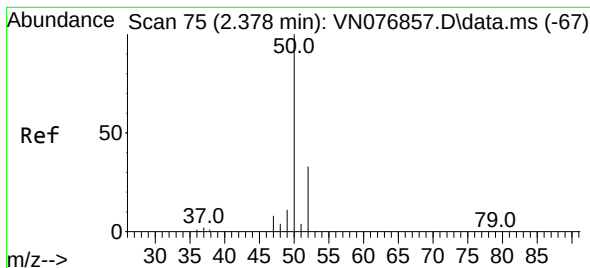
Tgt Ion: 85 Resp: 489884

Ion Ratio Lower Upper

85 100

87 33.2 16.2 48.6





#3

Chloromethane

Concen: 70.255 ug/l

RT: 2.378 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 50 Resp: 607390

Ion Ratio Lower Upper

50 100

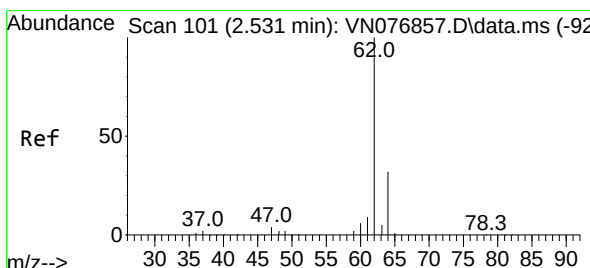
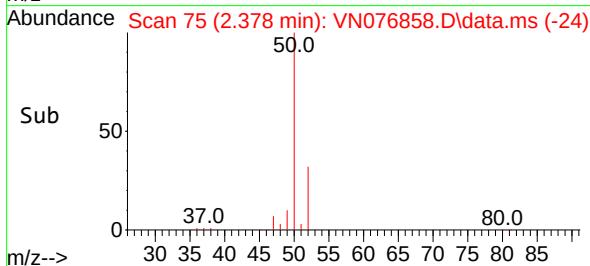
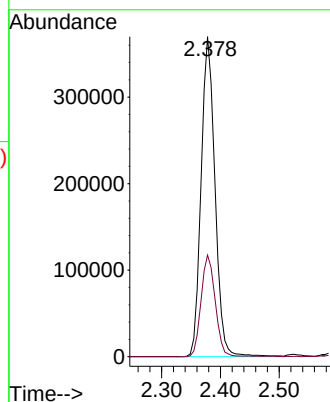
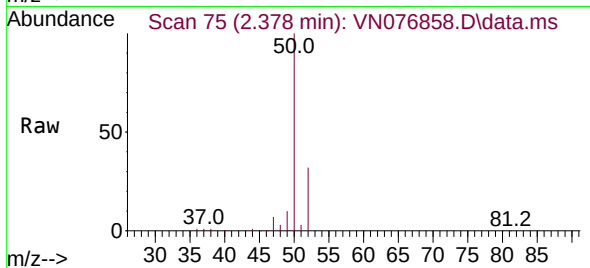
52 31.7 27.9 41.9

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 03/07/2023



#4

Vinyl Chloride

Concen: 73.646 ug/l

RT: 2.525 min Scan# 100

Delta R.T. -0.006 min

Lab File: VN076858.D

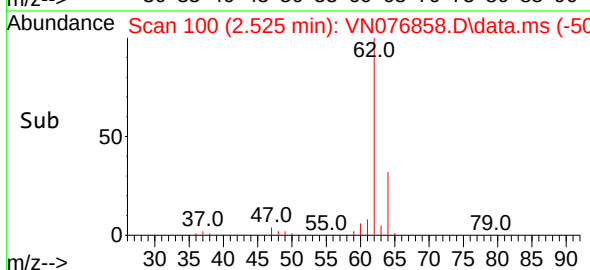
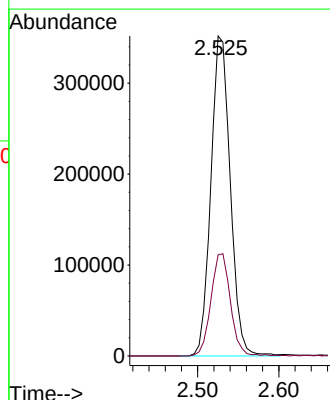
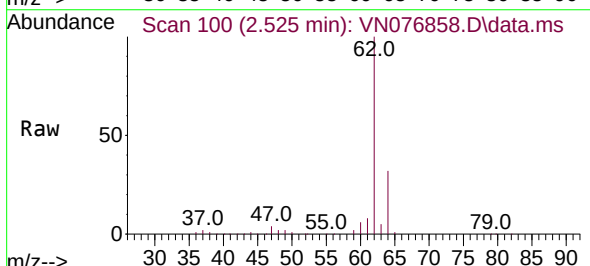
Acq: 06 Mar 2023 19:39

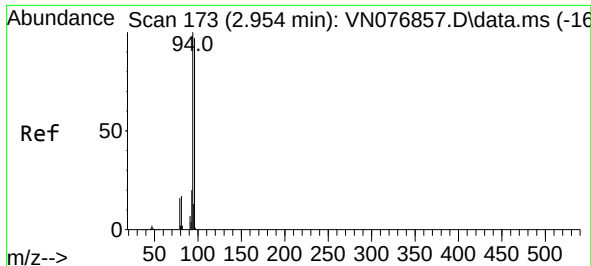
Tgt Ion: 62 Resp: 583606

Ion Ratio Lower Upper

62 100

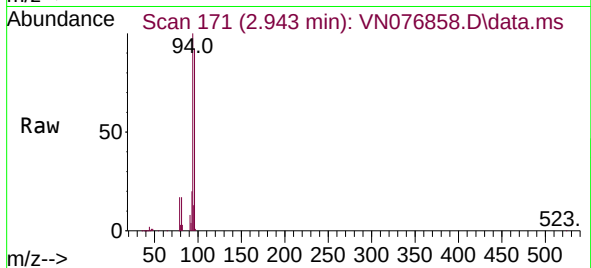
64 31.6 24.5 36.7





#5
Bromomethane
Concen: 64.346 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.011 min
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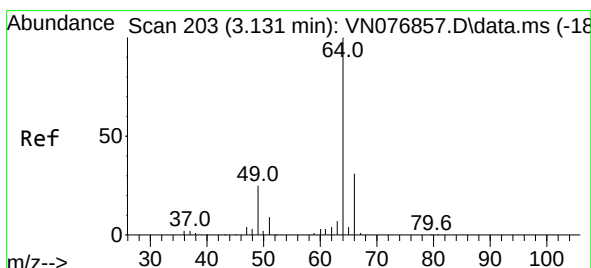
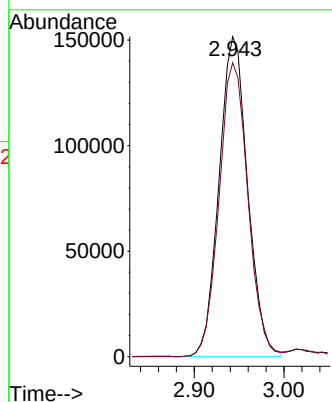
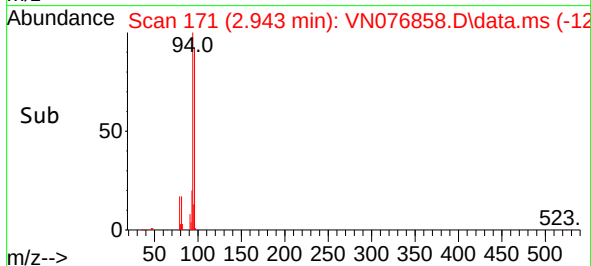
Instrument :
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Tgt Ion: 94 Resp: 335054
Ion Ratio Lower Upper
94 100
96 91.9 79.0 118.6

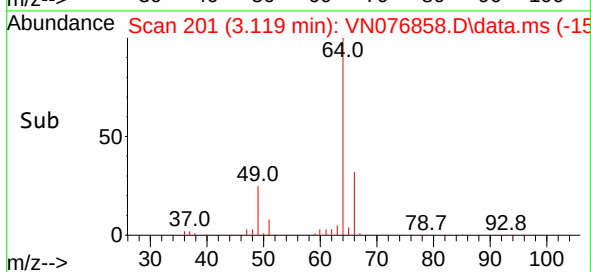
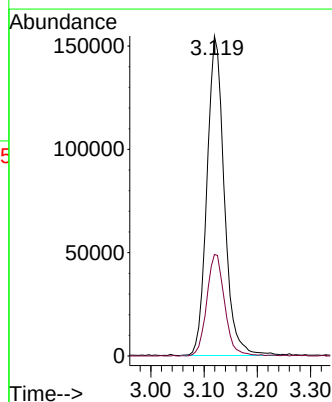
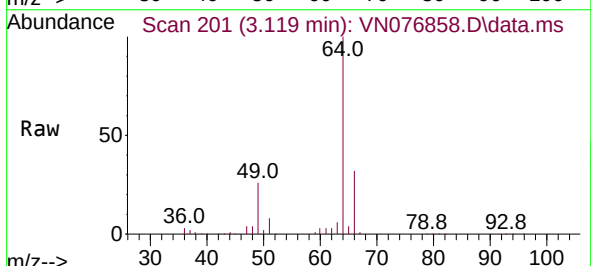
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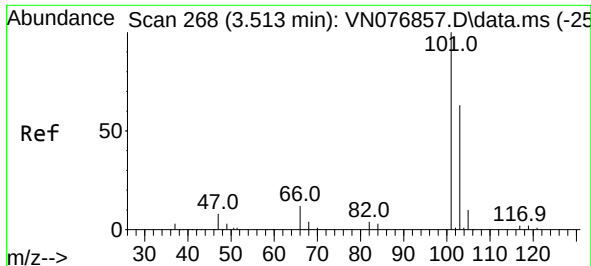
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#6
Chloroethane
Concen: 75.672 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.012 min
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Acq: 06 Mar 2023 19:39

Tgt Ion: 64 Resp: 349707
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.4





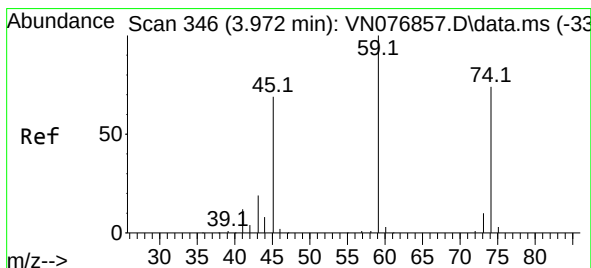
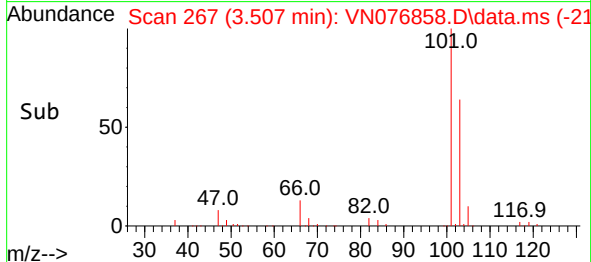
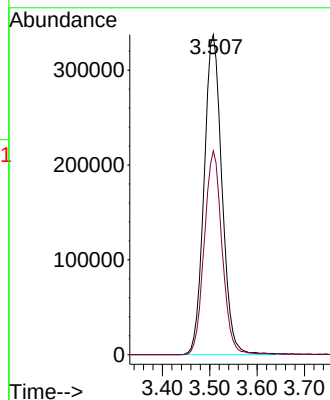
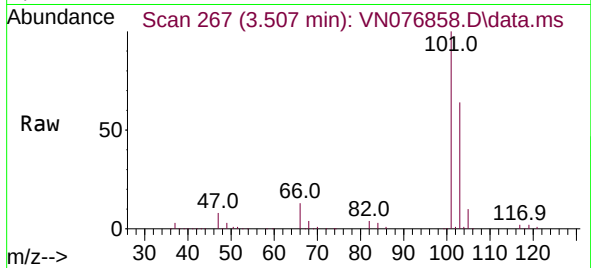
#7
Trichlorofluoromethane
Concen: 76.479 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 884275
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.0

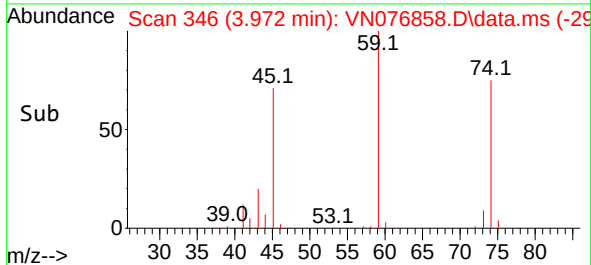
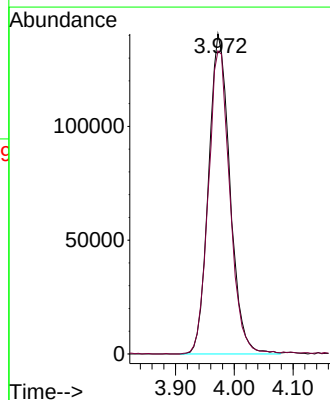
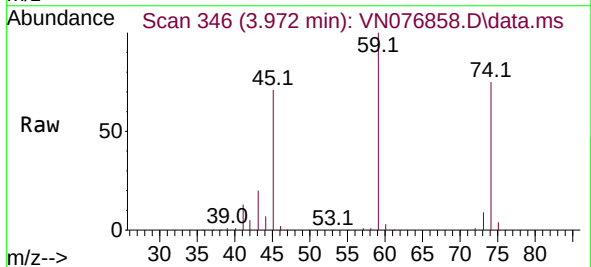
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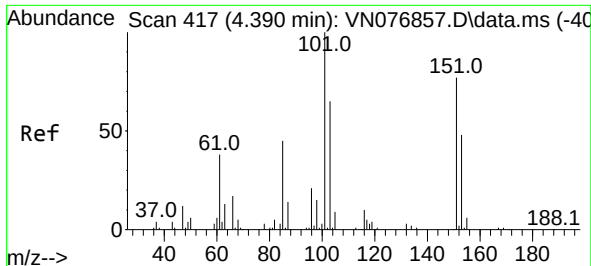
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#8
Diethyl Ether
Concen: 80.015 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 74 Resp: 355884
Ion Ratio Lower Upper
74 100
45 95.3 35.5 106.5





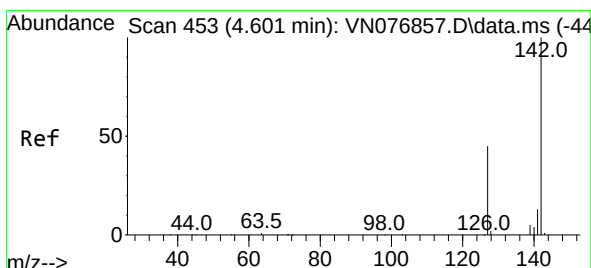
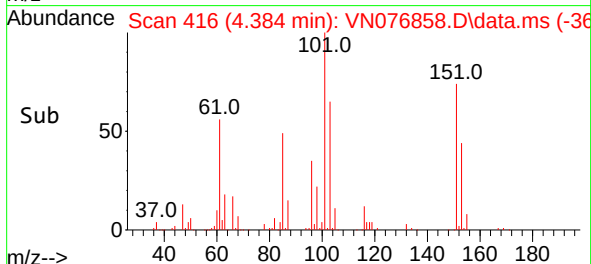
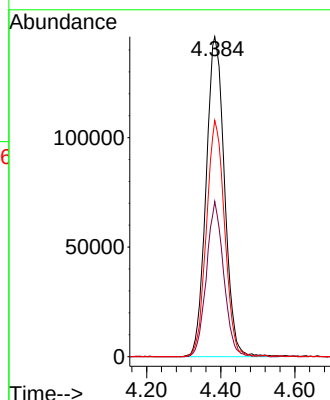
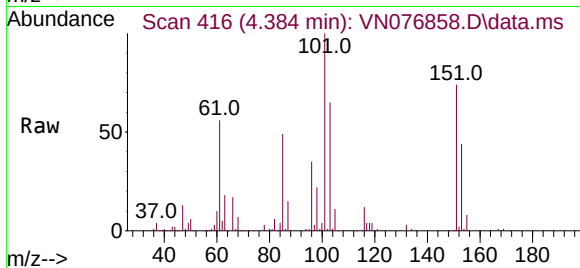
#9
1,1,2-Trichlorotrifluoroethane
Concen: 74.532 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 50386
Ion Ratio Lower Upper
101 100
85 45.4 35.2 52.8
151 72.7 58.9 88.3

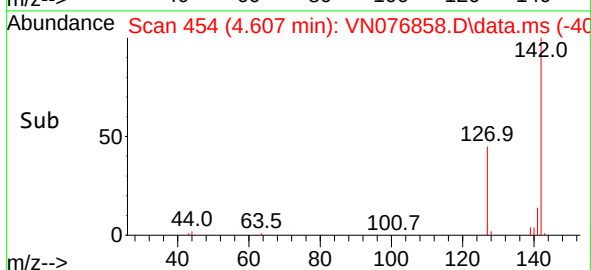
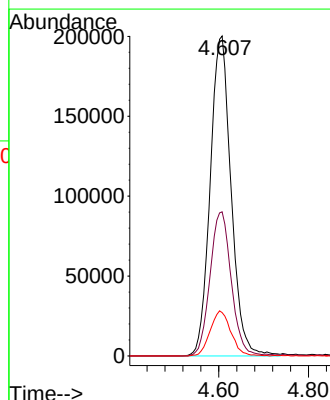
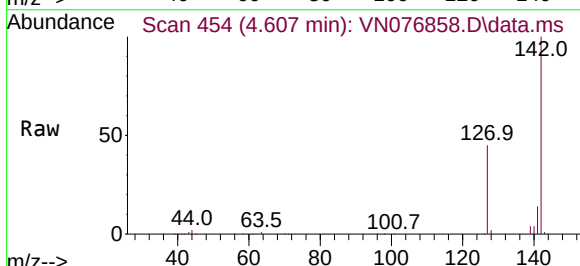
Manual Integrations
APPROVED

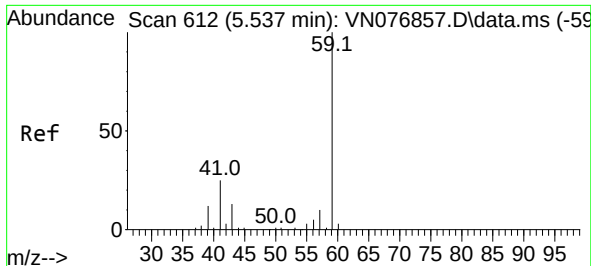
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#10
Methyl Iodide
Concen: 92.013 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

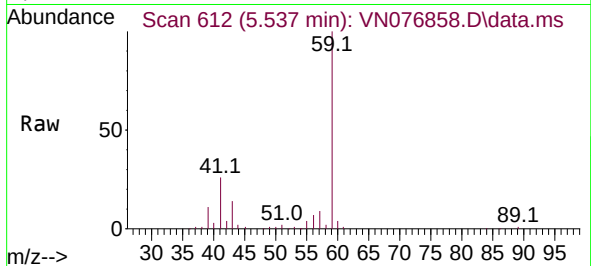
Tgt Ion:142 Resp: 648793
Ion Ratio Lower Upper
142 100
127 45.1 35.2 52.8
141 13.6 10.2 15.2





#11
Tert butyl alcohol
Concen: 383.624 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

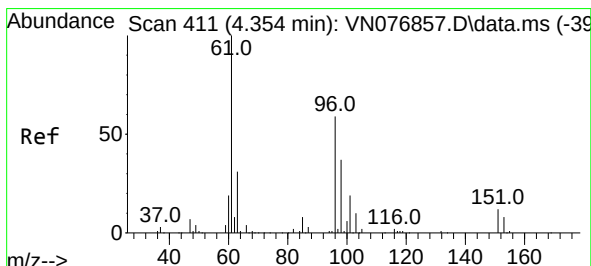
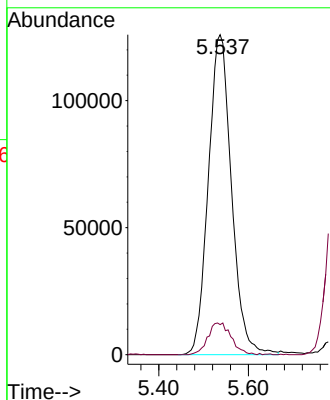
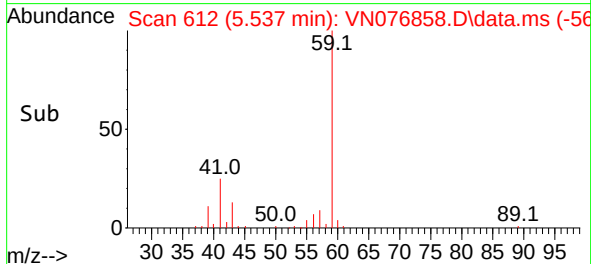
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 59 Resp: 451180
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

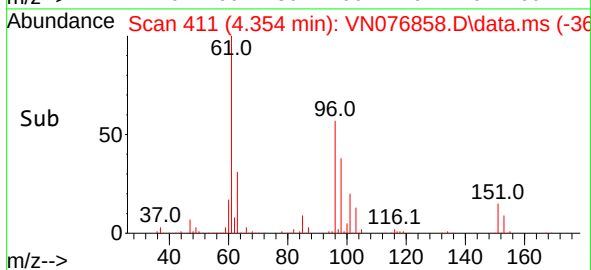
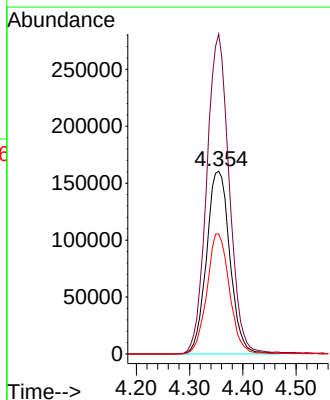
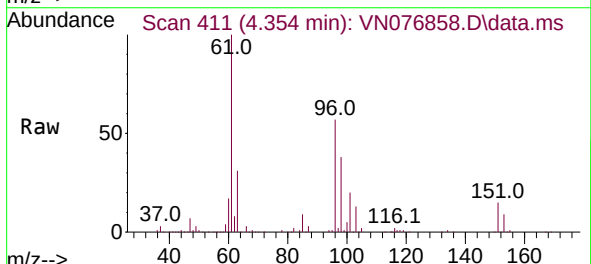
Manual Integrations
APPROVED

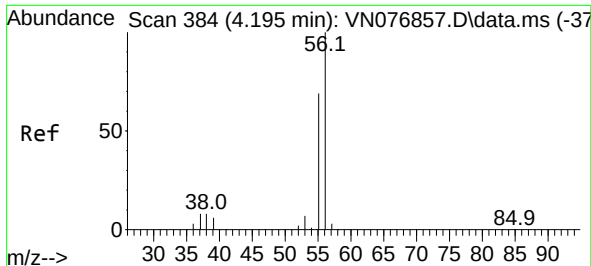
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#12
1,1-Dichloroethene
Concen: 77.677 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 96 Resp: 489674
Ion Ratio Lower Upper
96 100
61 175.0 121.3 181.9
98 65.7 52.1 78.1





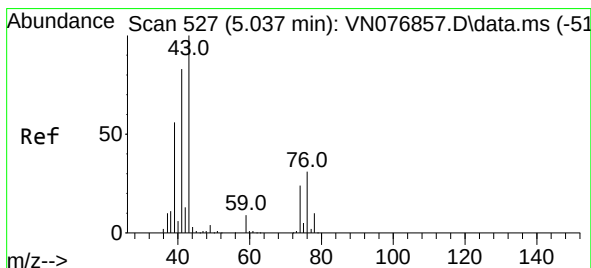
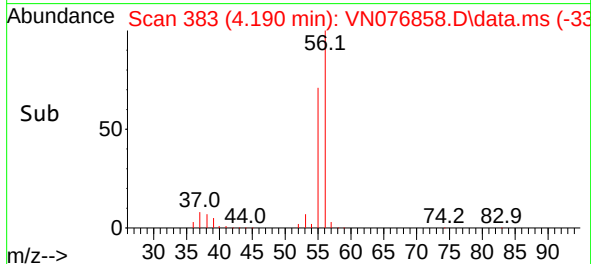
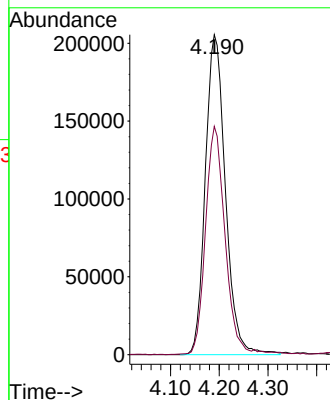
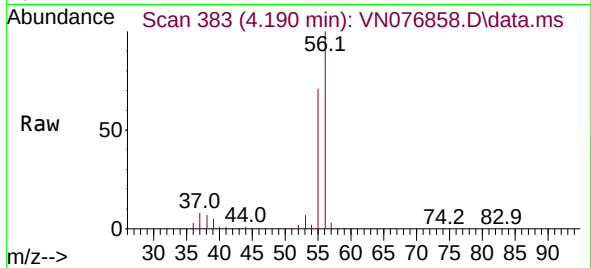
#13
Acrolein
Concen: 385.389 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 586350
Ion Ratio Lower Upper
56 100
55 69.7 56.7 85.1

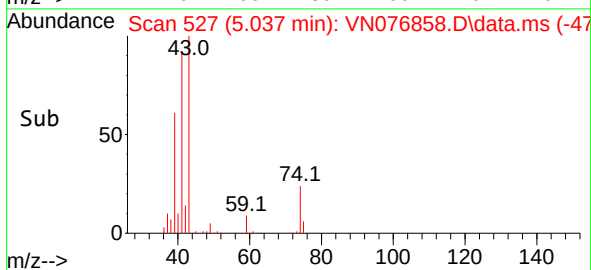
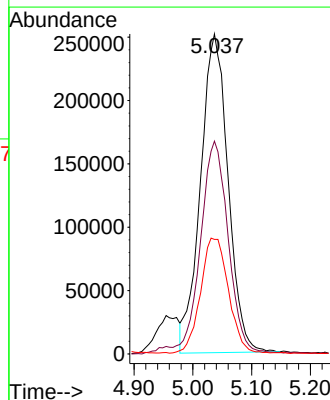
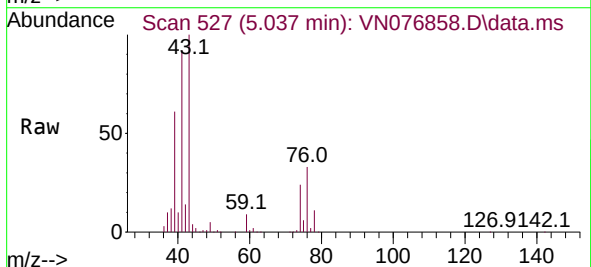
Manual Integrations
APPROVED

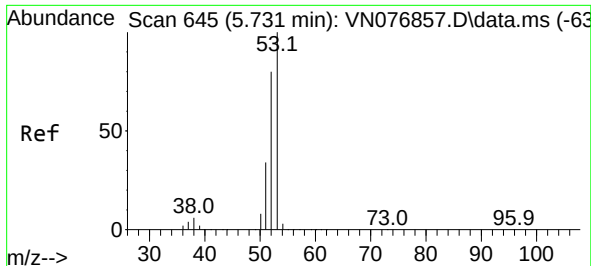
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#14
Allyl chloride
Concen: 77.756 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

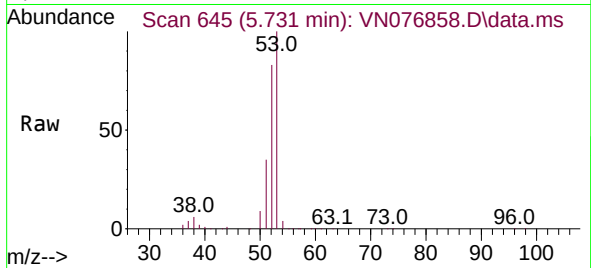
Tgt Ion: 41 Resp: 818348
Ion Ratio Lower Upper
41 100
39 68.7 68.1 102.1
76 36.5 44.1 66.1#





#15
Acrylonitrile
Concen: 385.258 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

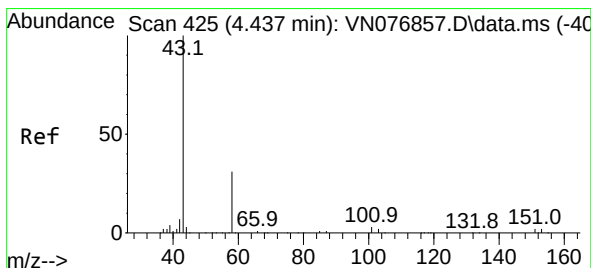
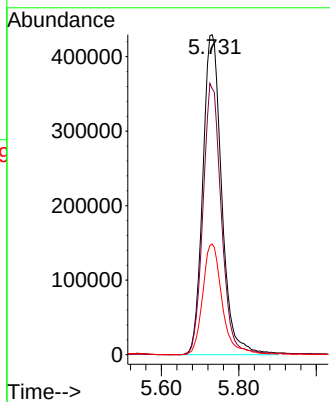
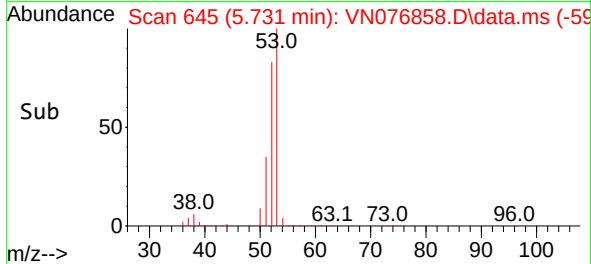
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 53 Resp: 145716
Ion Ratio Lower Upper
53 100
52 82.0 65.3 97.9
51 35.6 28.8 43.2

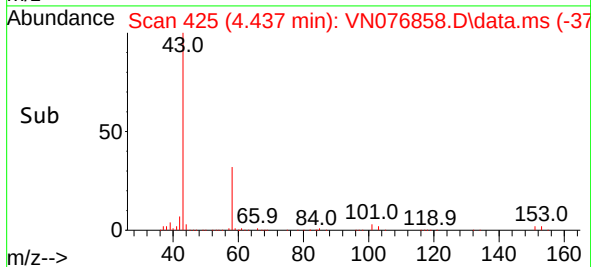
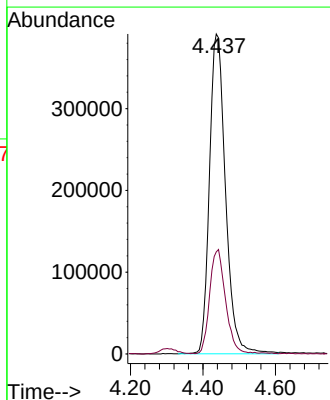
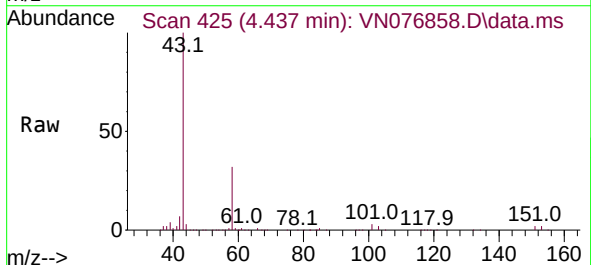
Manual Integrations
APPROVED

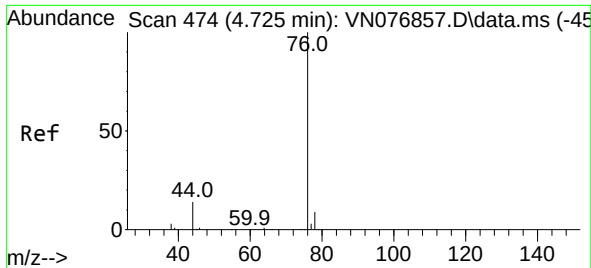
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#16
Acetone
Concen: 348.692 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 43 Resp: 1205482
Ion Ratio Lower Upper
43 100
58 31.8 28.2 42.2





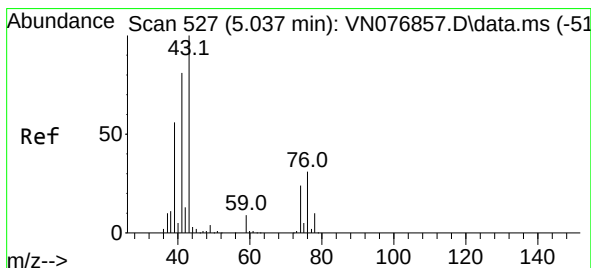
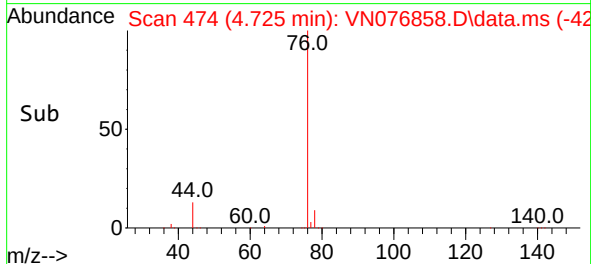
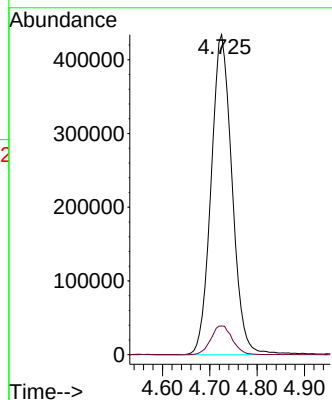
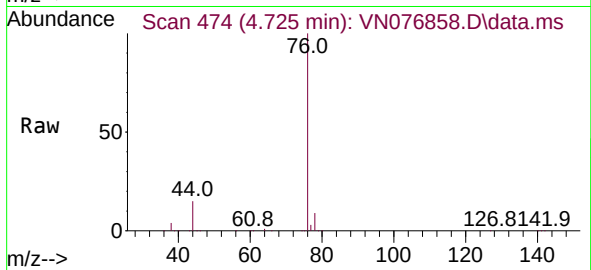
#17
Carbon Disulfide
Concen: 77.949 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 76 Resp: 1334018
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

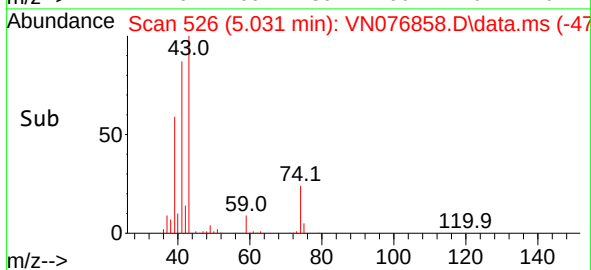
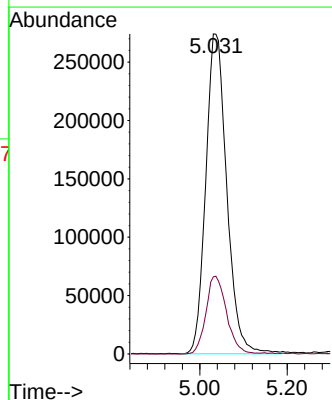
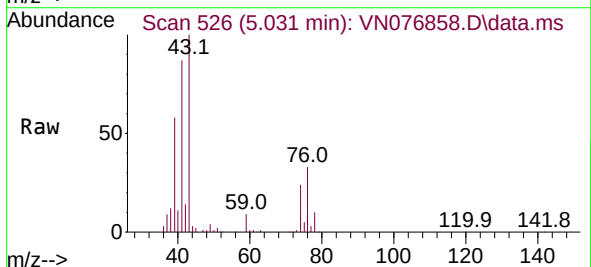
Manual Integrations
APPROVED

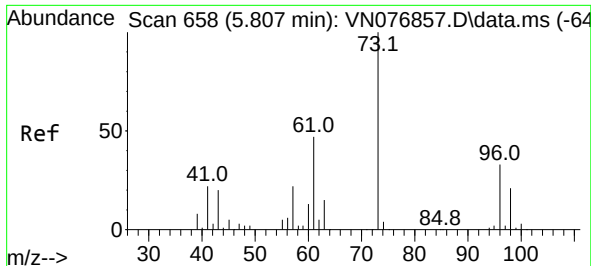
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#18
Methyl Acetate
Concen: 77.307 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 43 Resp: 915796
Ion Ratio Lower Upper
43 100
74 23.9 25.9 38.9#





#19

Methyl tert-butyl Ether

Concen: 79.355 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 73 Resp: 1715420

Ion Ratio Lower Upper

73 100

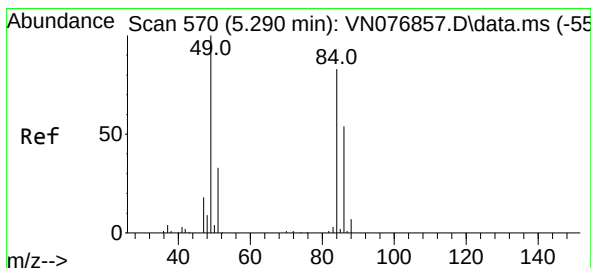
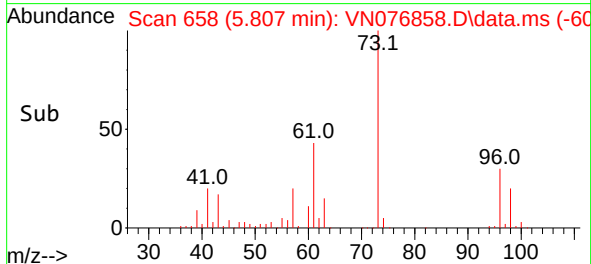
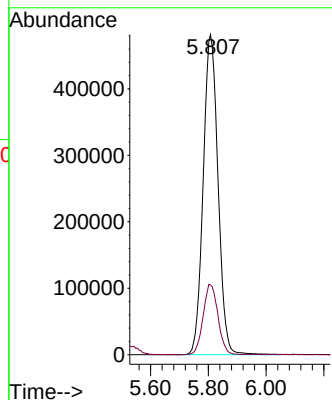
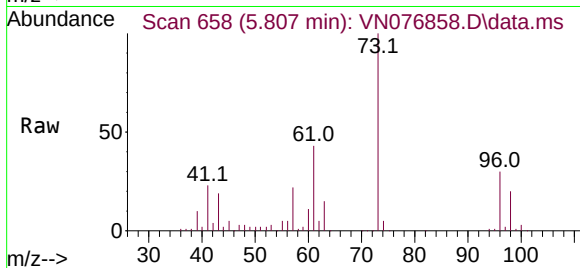
57 21.8 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#20

Methylene Chloride

Concen: 70.331 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Tgt Ion: 84 Resp: 567286

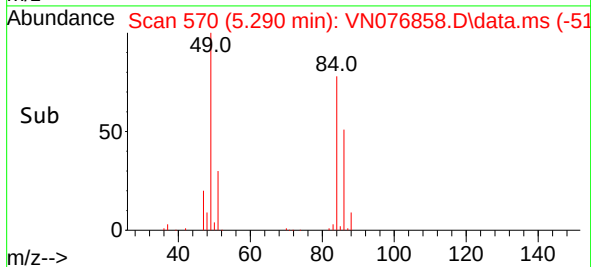
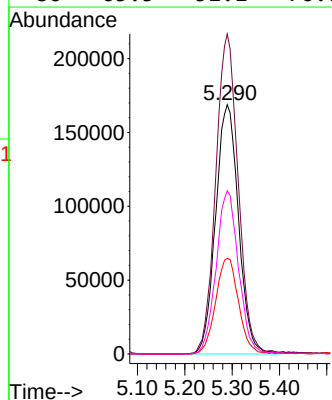
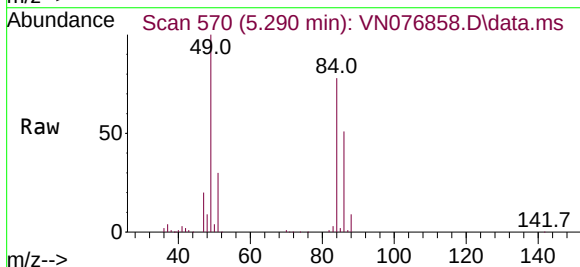
Ion Ratio Lower Upper

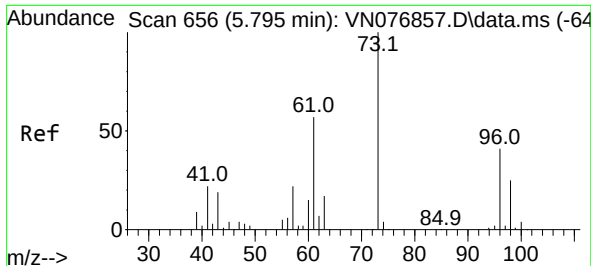
84 100

49 128.4 76.6 114.8#

51 38.4 25.4 38.2#

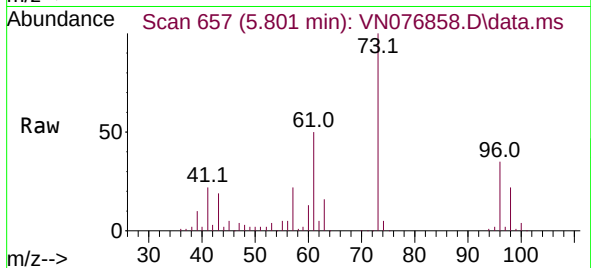
86 65.5 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 76.151 ug/l
RT: 5.801 min Scan# 656
Delta R.T. 0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

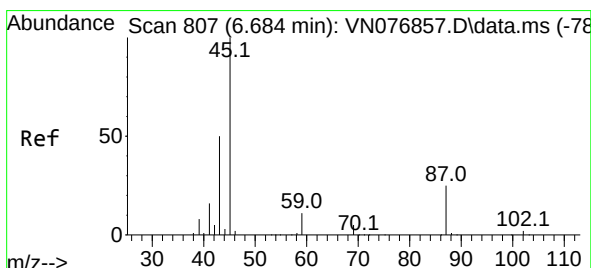
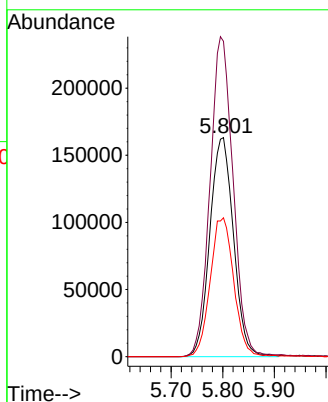
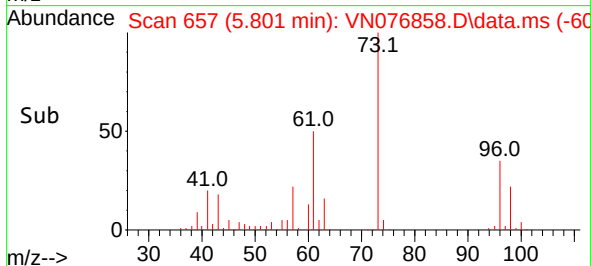
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 96 Resp: 519048
Ion Ratio Lower Upper
96 100
61 143.9 95.0 142.6
98 63.4 54.5 81.7

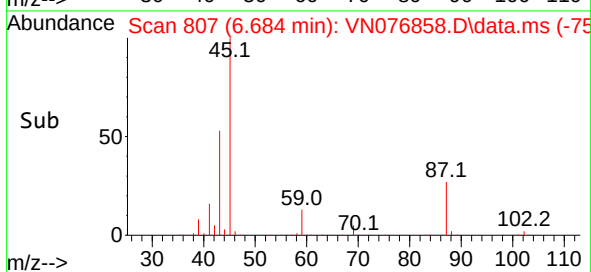
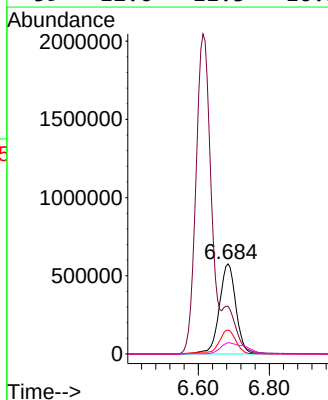
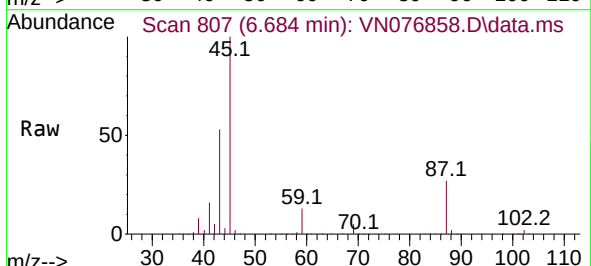
Manual Integrations
APPROVED

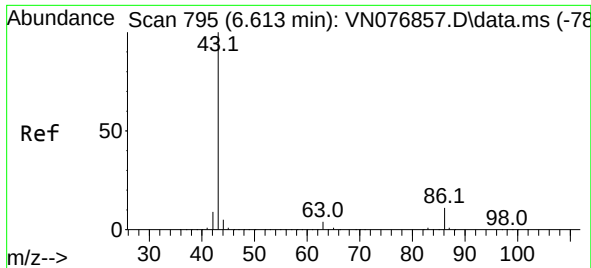
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#22
Diisopropyl ether
Concen: 78.321 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 45 Resp: 1854491
Ion Ratio Lower Upper
45 100
43 52.8 42.6 63.8
87 26.5 29.7 44.5
59 12.6 11.3 16.9





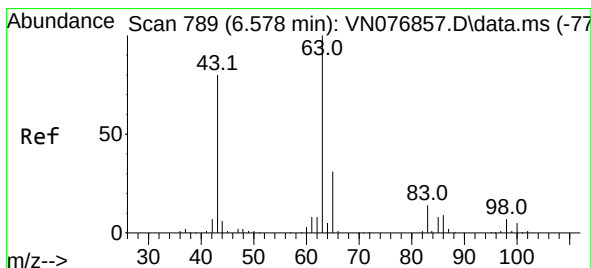
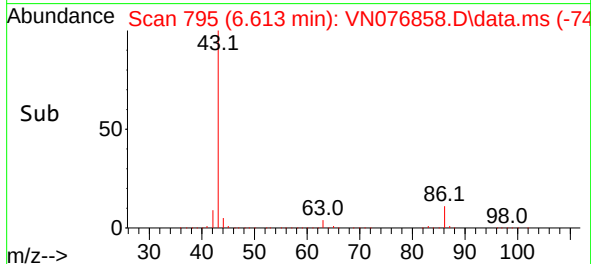
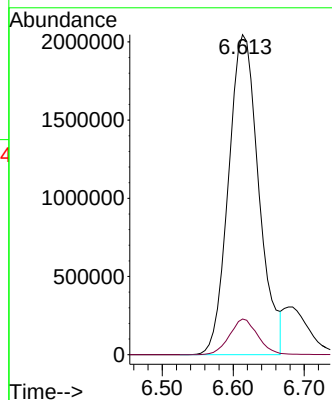
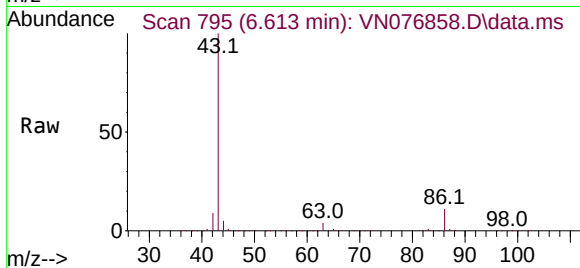
#23
 Vinyl Acetate
 Concen: 402.738 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076858.D
 Acq: 06 Mar 2023 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Tgt Ion: 43 Resp: 6074169
 Ion Ratio Lower Upper
 43 100
 86 11.2 11.8 17.6

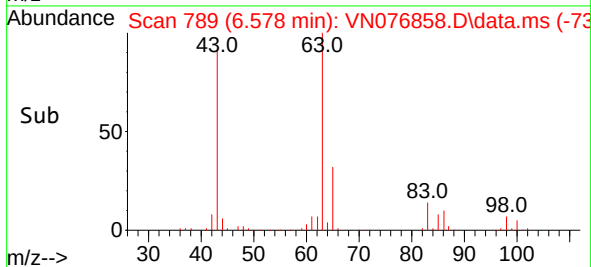
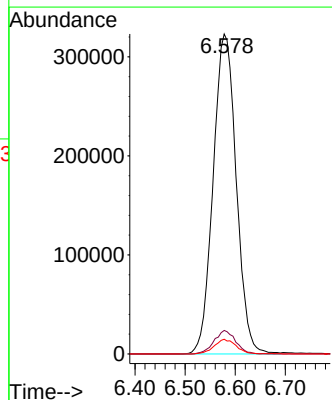
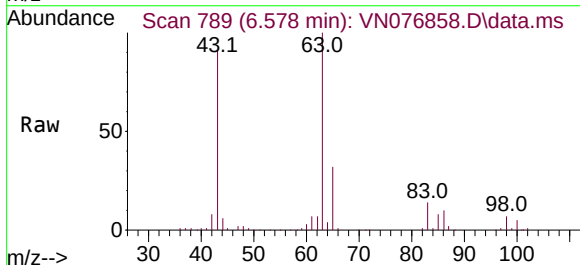
Manual Integrations
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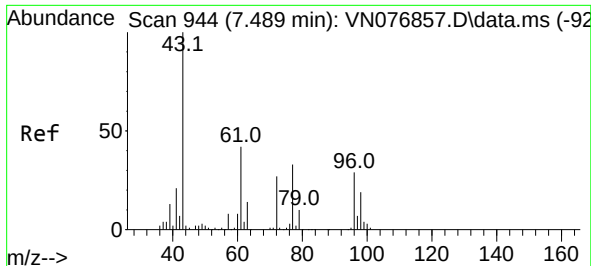
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023



#24
 1,1-Dichloroethane
 Concen: 76.663 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076858.D
 Acq: 06 Mar 2023 19:39

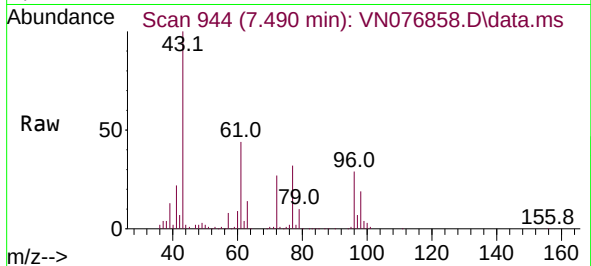
Tgt Ion: 63 Resp: 1035118
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.2 12.6
 100 4.6 2.2 6.6





#25
2-Butanone
Concen: 382.369 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

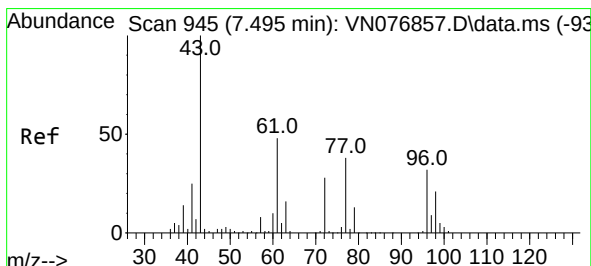
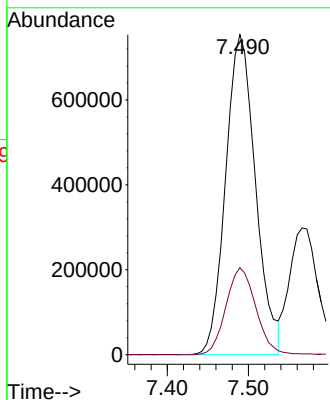
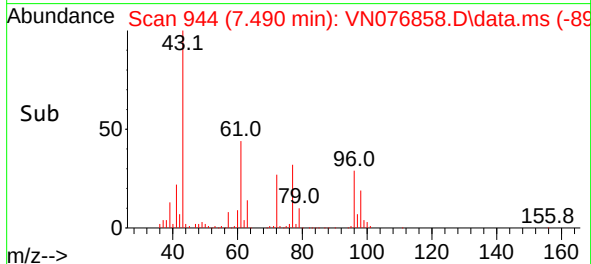
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 1931010
Ion Ratio Lower Upper
43 100
72 27.2 28.8 43.2

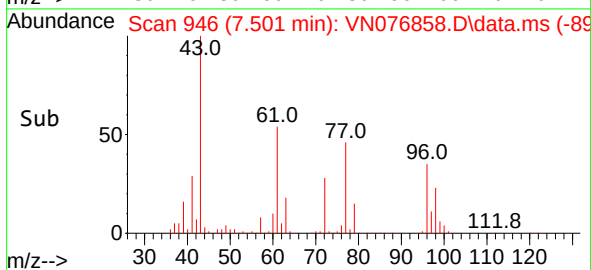
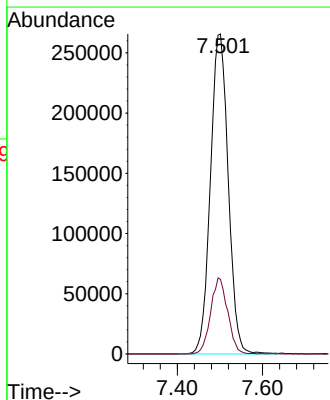
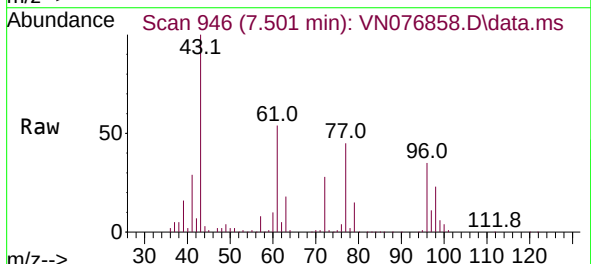
Manual Integrations
APPROVED

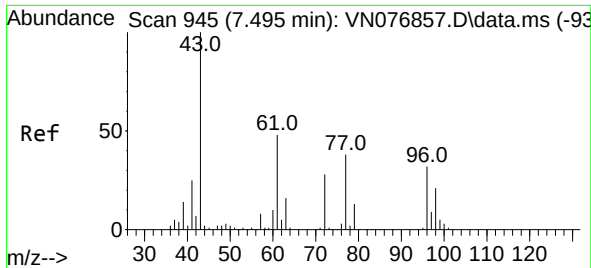
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#26
2,2-Dichloropropane
Concen: 78.150 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 77 Resp: 772748
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5





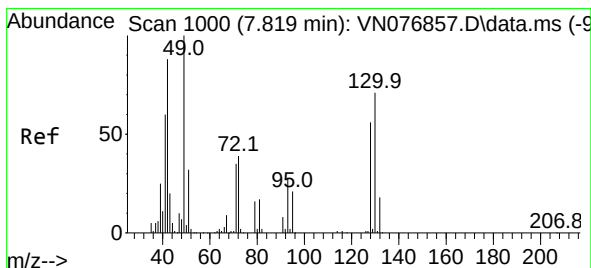
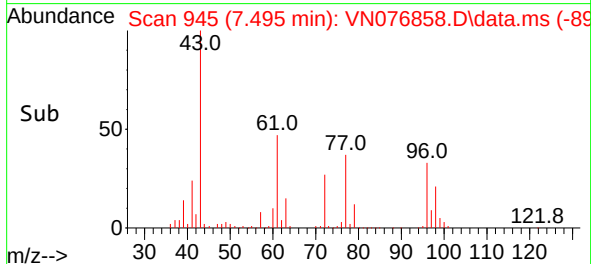
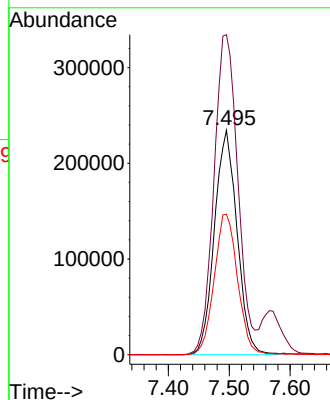
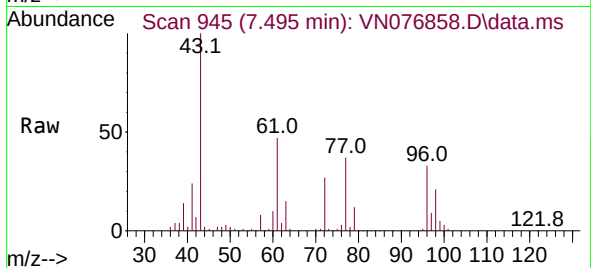
#27
 cis-1,2-Dichloroethene
 Concen: 76.130 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076858.D
 Acq: 06 Mar 2023 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 96 Resp: 60788
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 255.6
 98 64.7 0.0 127.4

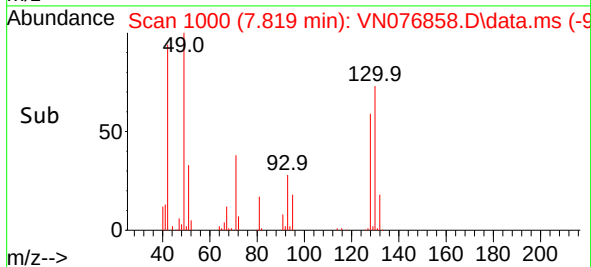
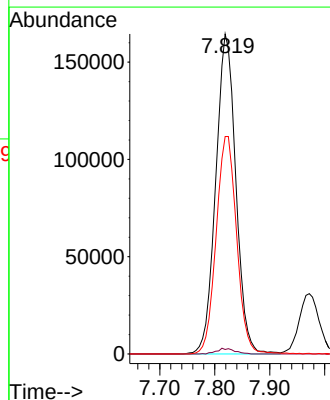
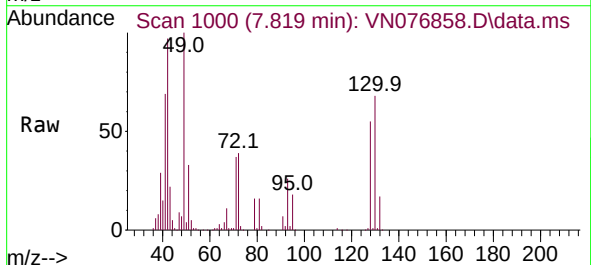
Manual Integrations
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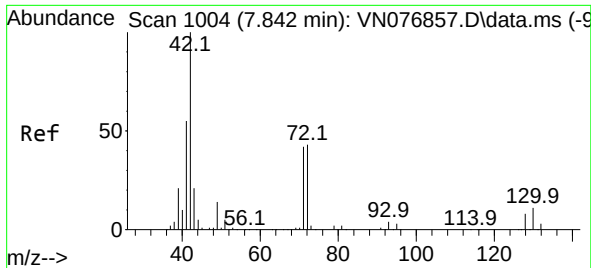
Reviewed By :John Carlone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023



#28
 Bromochloromethane
 Concen: 73.289 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076858.D
 Acq: 06 Mar 2023 19:39

Tgt Ion: 49 Resp: 418456
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 69.4 74.8 112.2#





#29

Tetrahydrofuran

Concen: 394.203 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 128424

Ion Ratio Lower Upper

42 100

72 43.0 48.6 73.0

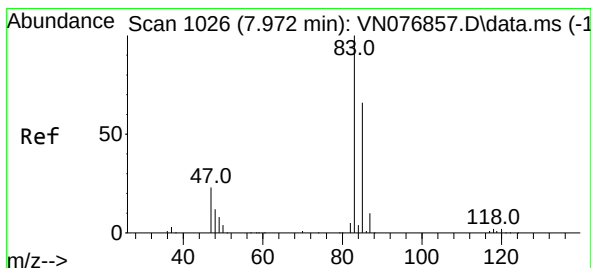
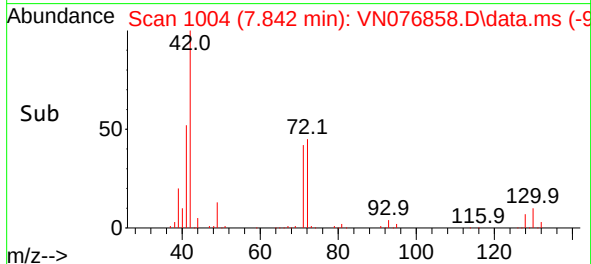
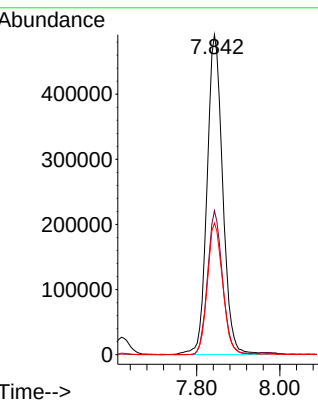
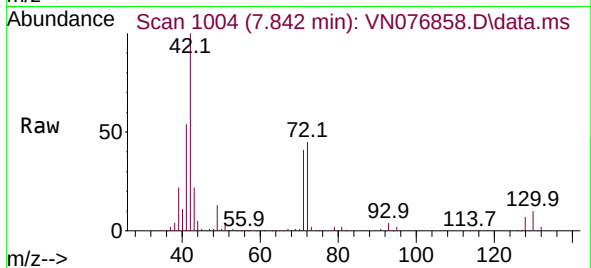
71 40.3 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#30

Chloroform

Concen: 74.924 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076858.D

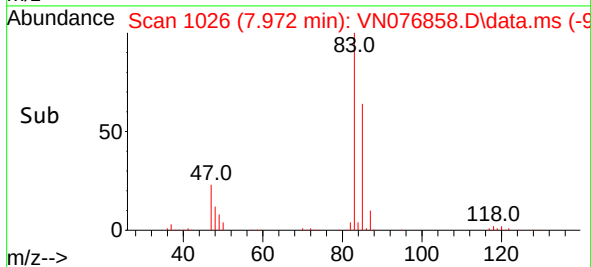
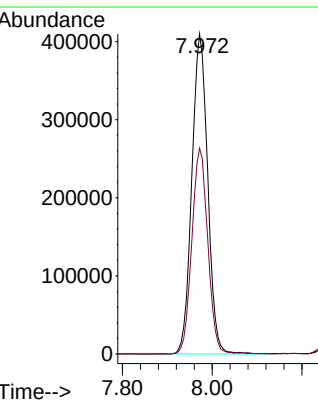
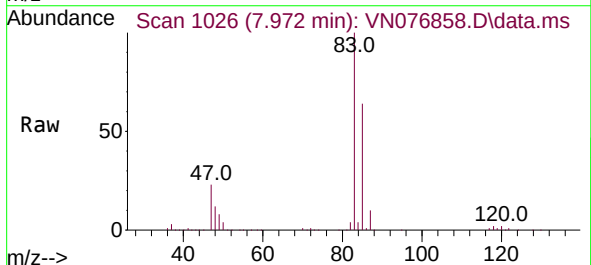
Acq: 06 Mar 2023 19:39

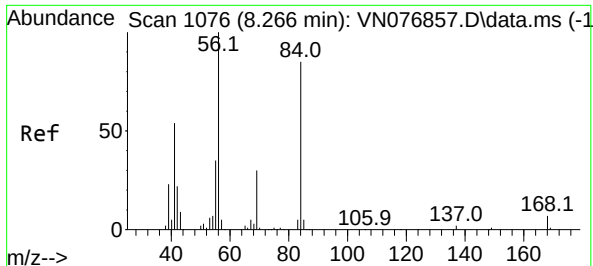
Tgt Ion: 83 Resp: 1004756

Ion Ratio Lower Upper

83 100

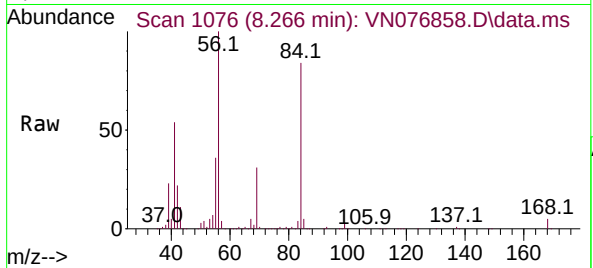
85 64.3 51.3 76.9





#31
Cyclohexane
Concen: 71.685 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

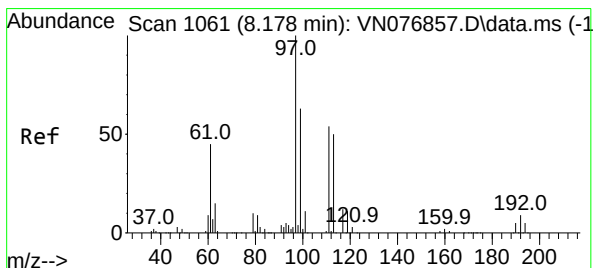
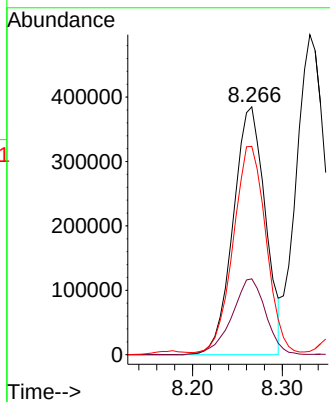
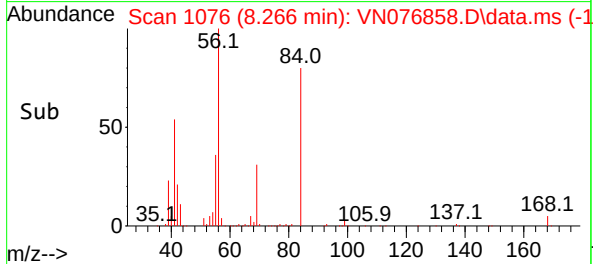
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



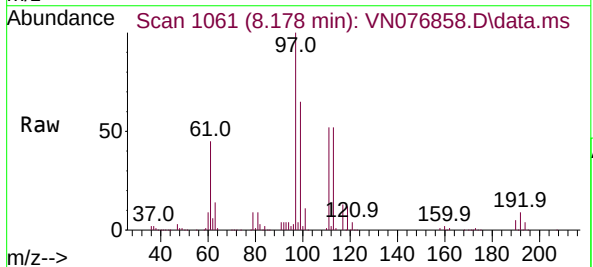
Tgt Ion: 56 Resp: 95909
Ion Ratio Lower Upper
56 100
69 30.6 27.0 40.6
84 82.8 82.9 124.3

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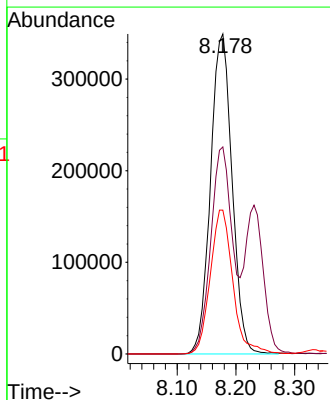
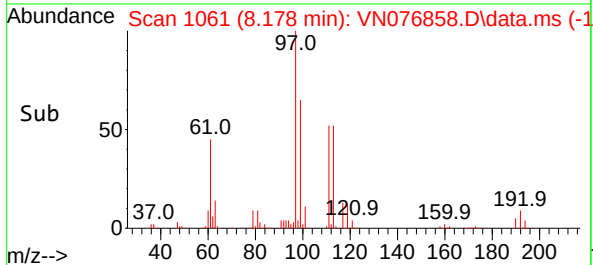
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

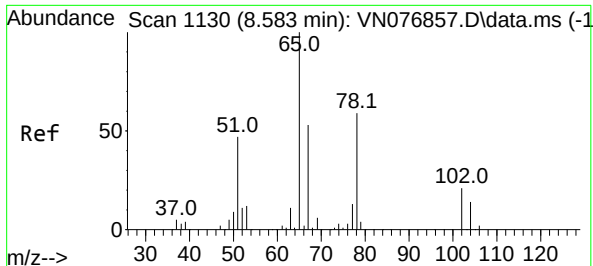


#32
1,1,1-Trichloroethane
Concen: 76.570 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39



Tgt Ion: 97 Resp: 889198
Ion Ratio Lower Upper
97 100
99 65.6 51.2 76.8
61 47.2 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 73.213 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 57985

Ion Ratio Lower Upper

65 100

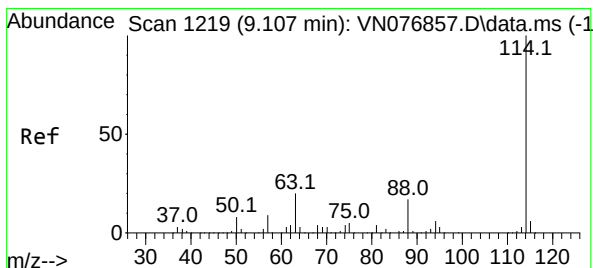
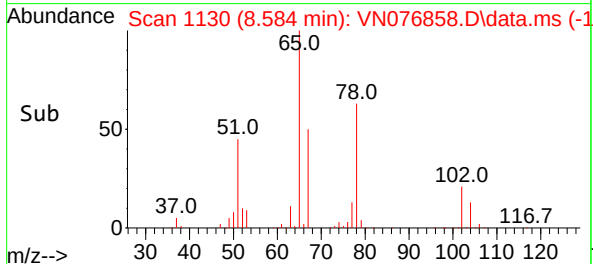
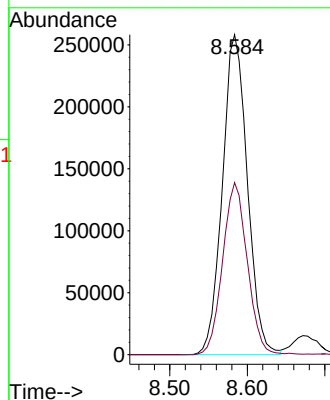
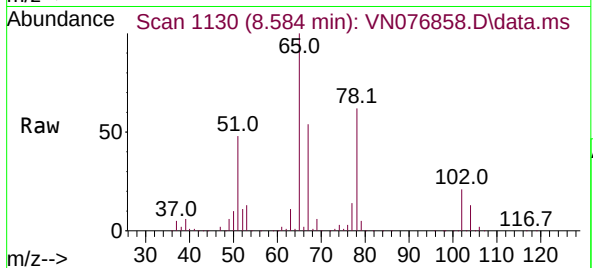
67 53.1 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

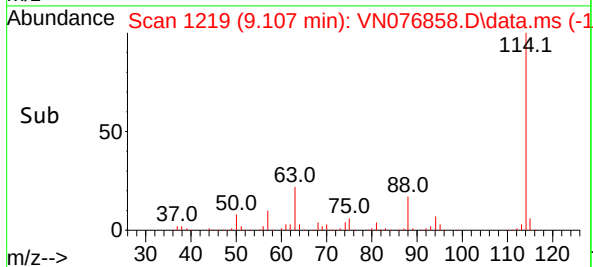
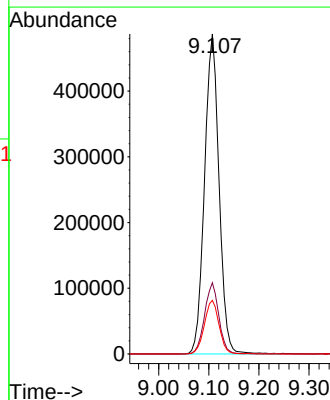
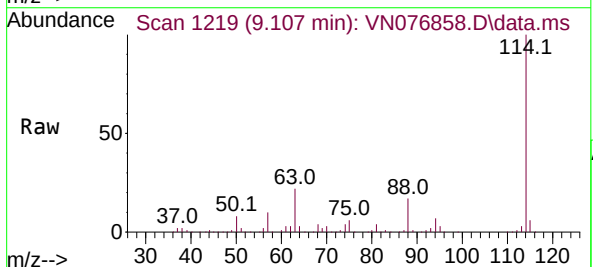
Tgt Ion:114 Resp: 978885

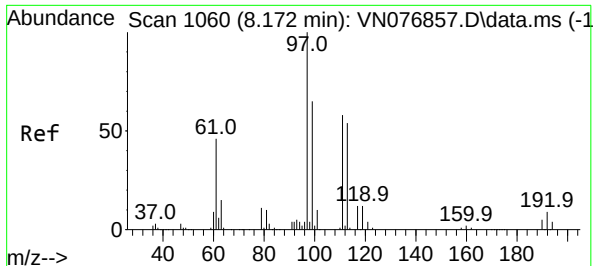
Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.6

88 16.7 0.0 28.6





#35

Dibromofluoromethane

Concen: 74.139 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:113 Resp: 45400

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

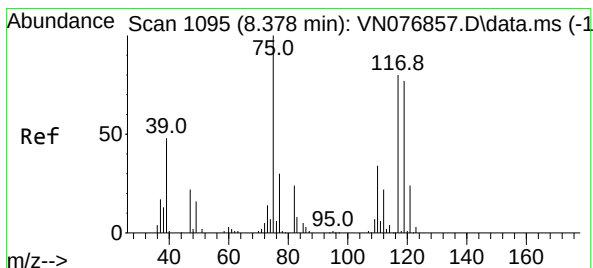
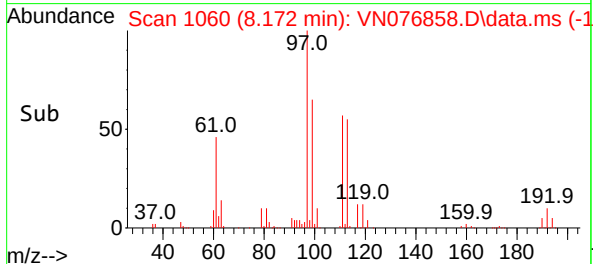
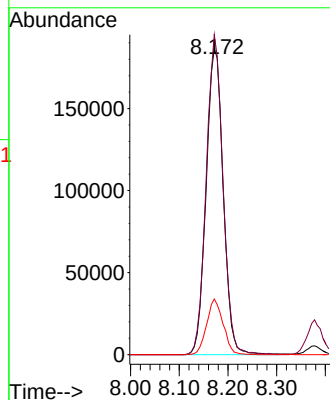
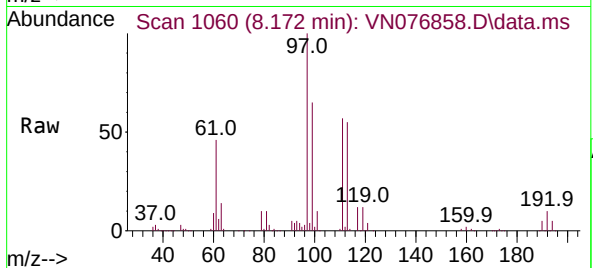
192 17.5 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#36

1,1-Dichloropropene

Concen: 79.257 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

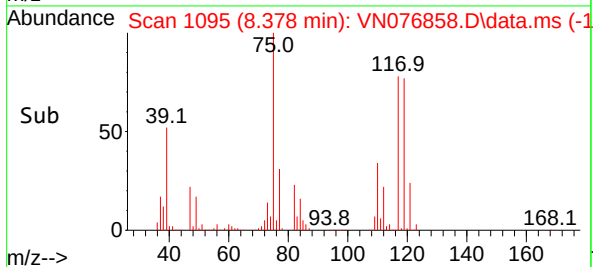
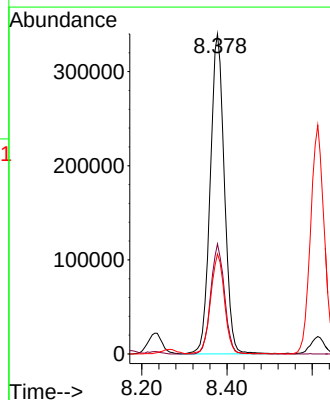
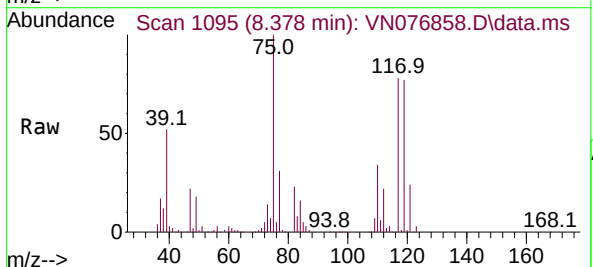
Tgt Ion: 75 Resp: 780063

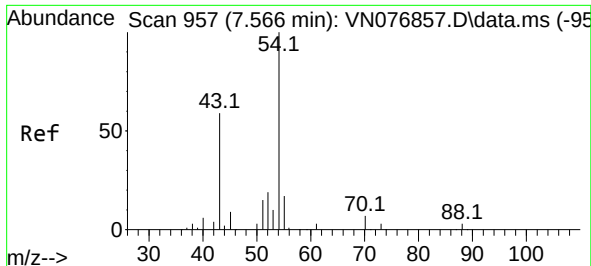
Ion Ratio Lower Upper

75 100

110 33.5 18.9 56.9

77 30.6 24.9 37.3





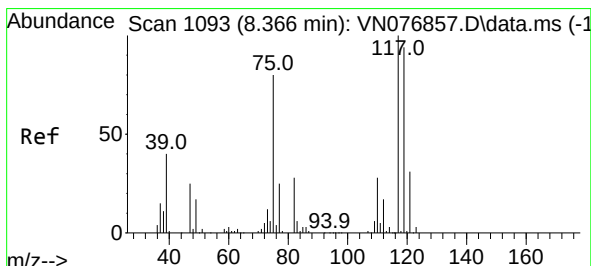
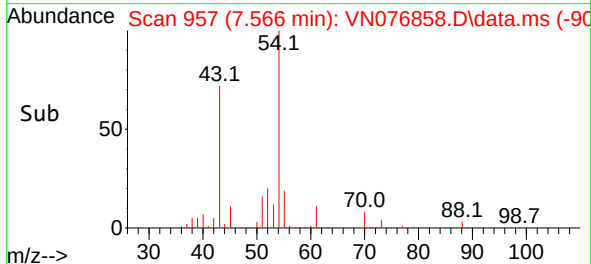
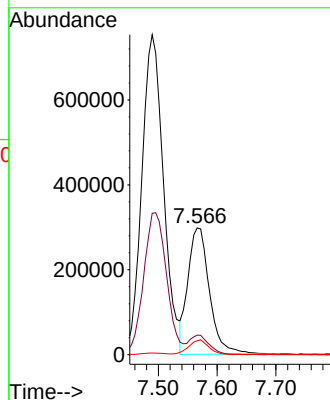
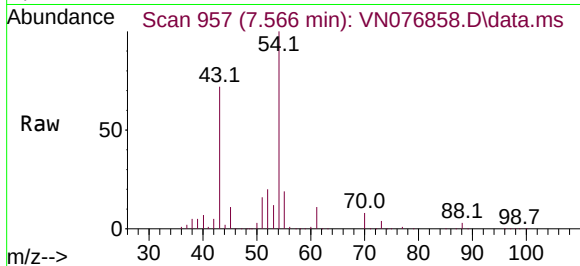
#37
Ethyl Acetate
Concen: 75.227 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 759970
Ion Ratio Lower Upper
43 100
61 14.3 13.5 20.3
70 10.9 11.0 16.6

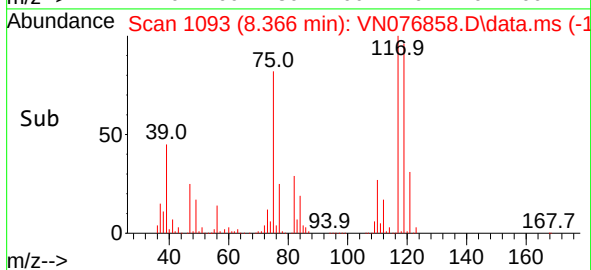
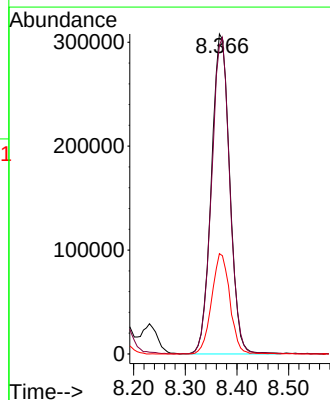
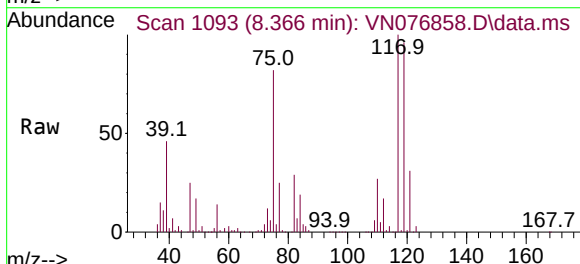
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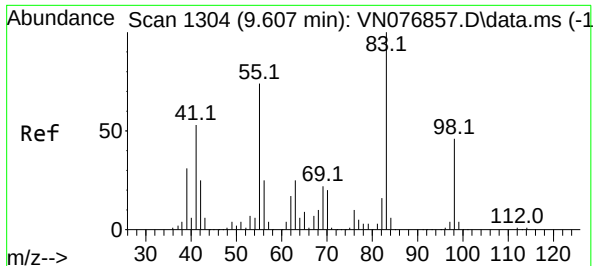
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#38
Carbon Tetrachloride
Concen: 75.980 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion:117 Resp: 759683
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3
121 31.4 23.2 34.8





#39

Methylcyclohexane

Concen: 82.693 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 83 Resp: 100319

Ion Ratio Lower Upper

83 100

55 74.8 47.0 70.4

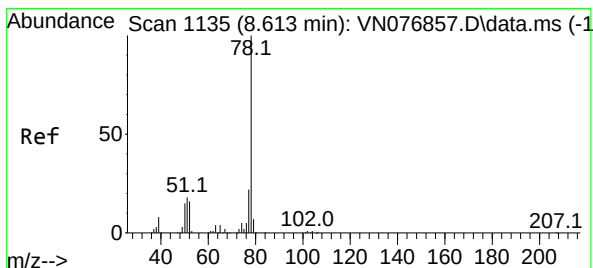
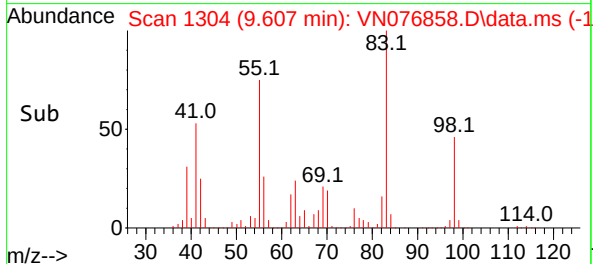
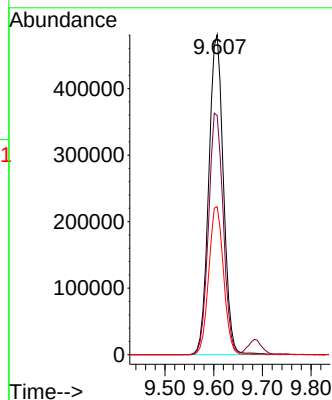
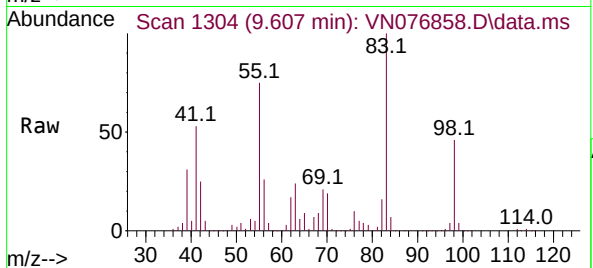
98 46.2 39.4 59.0

Manual Integrations

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Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#40

Benzene

Concen: 78.055 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076858.D

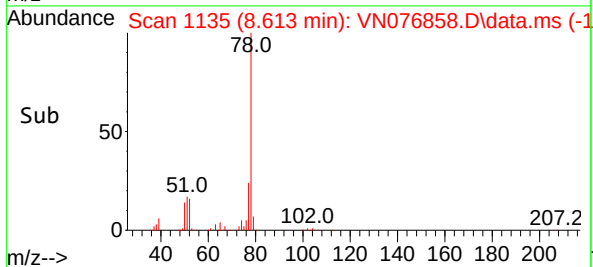
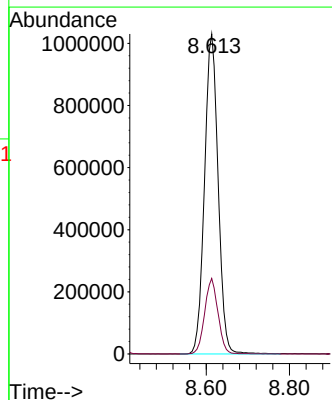
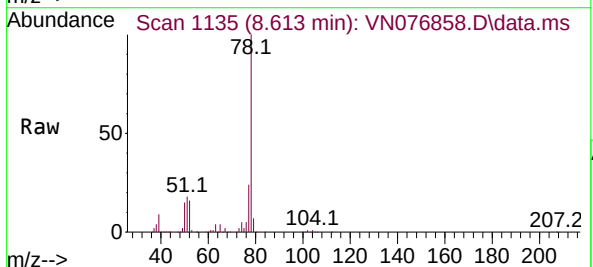
Acq: 06 Mar 2023 19:39

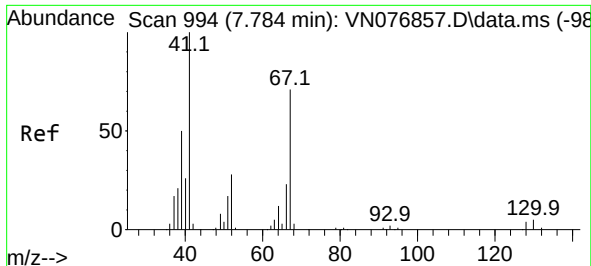
Tgt Ion: 78 Resp: 2340189

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





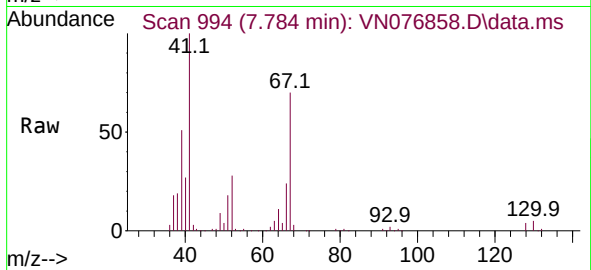
#41
Methacrylonitrile
Concen: 81.389 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



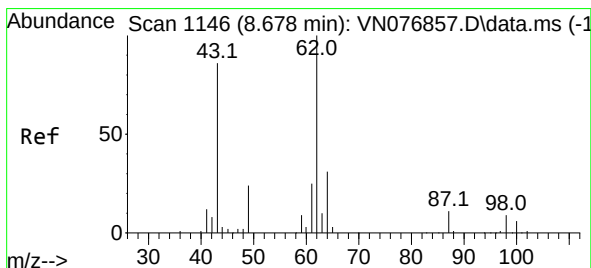
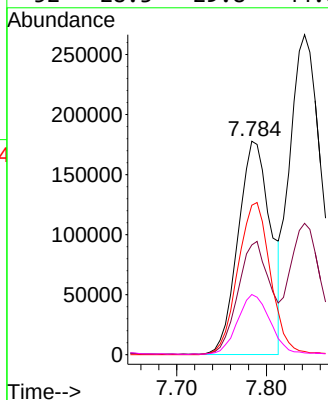
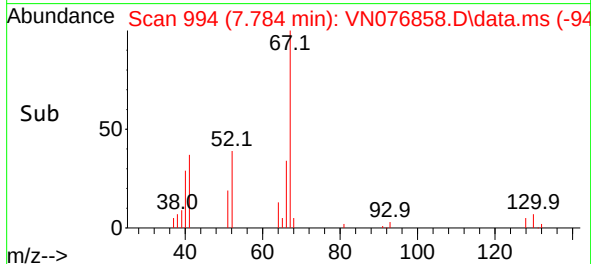
Tgt Ion: 41 Resp: 449007
Ion Ratio Lower Upper
41 100
39 52.5 43.4 65.0
67 72.0 78.6 118.0
52 28.3 29.8 44.8#

Manual Integrations

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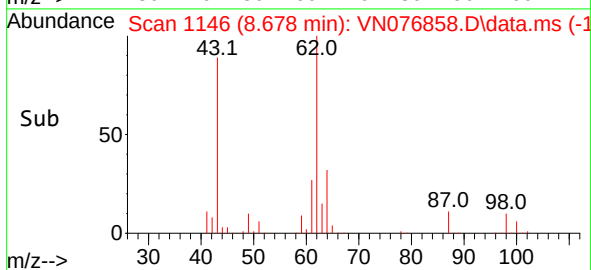
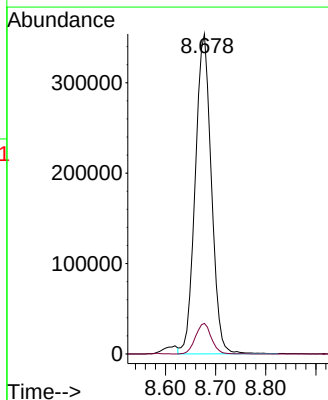
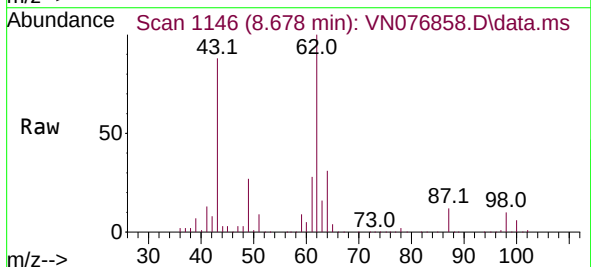
Reviewed By :John Carlone 03/07/2023

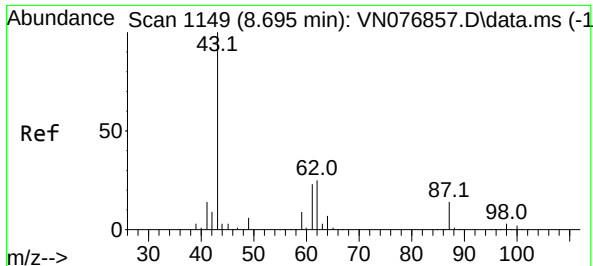
Supervised By :Semsettin Yesilyurt 03/07/2023



#42
1,2-Dichloroethane
Concen: 75.465 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 62 Resp: 788159
Ion Ratio Lower Upper
62 100
98 9.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 81.801 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 1265120

Ion Ratio Lower Upper

43 100

61 26.9 26.2 39.2

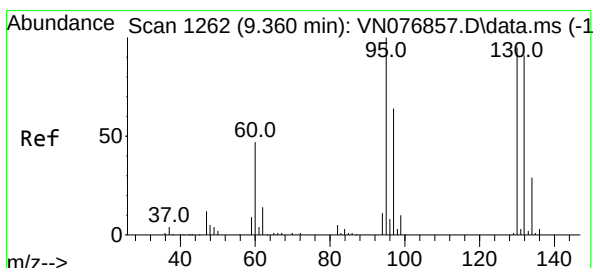
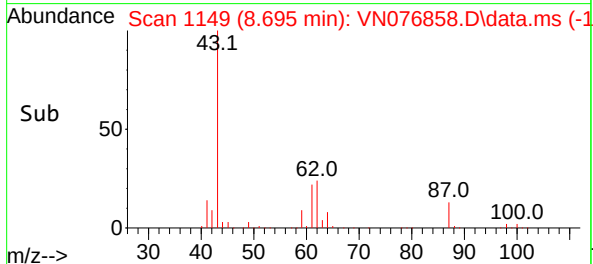
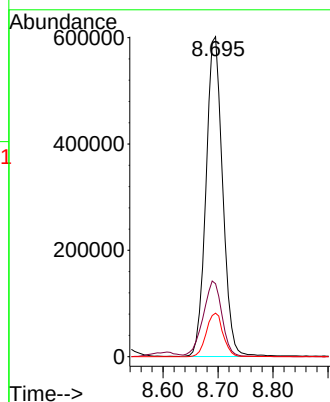
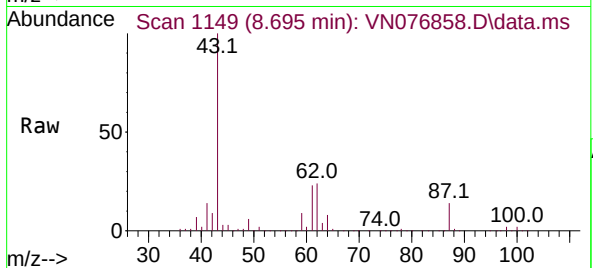
87 13.8 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#44

Trichloroethene

Concen: 79.522 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.006 min

Lab File: VN076858.D

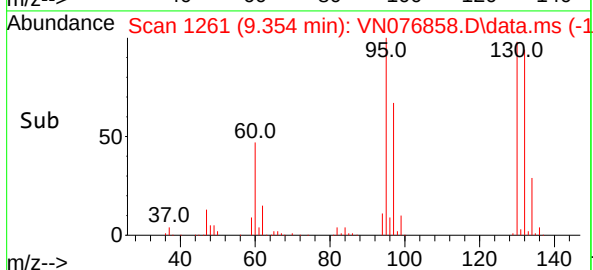
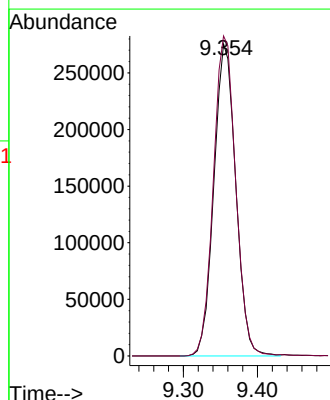
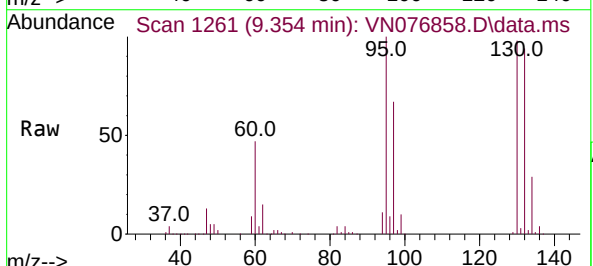
Acq: 06 Mar 2023 19:39

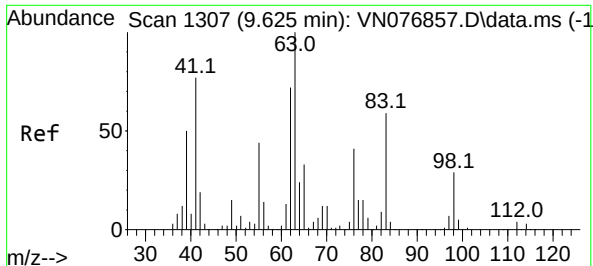
Tgt Ion:130 Resp: 565293

Ion Ratio Lower Upper

130 100

95 102.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 78.011 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 63 Resp: 60440

Ion Ratio Lower Upper

63 100

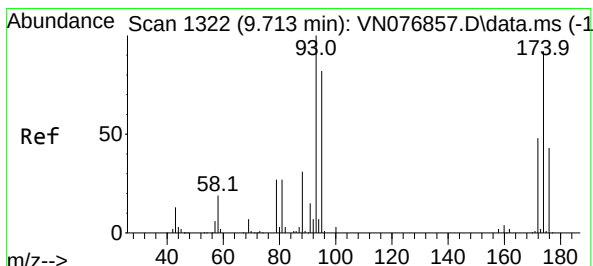
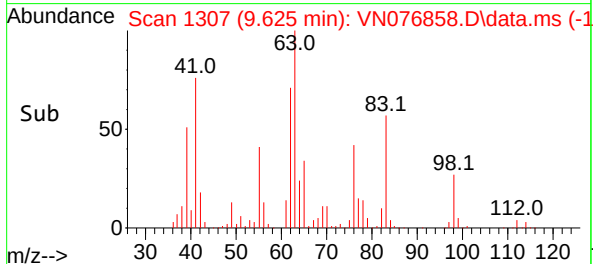
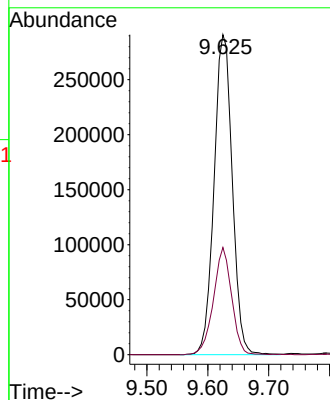
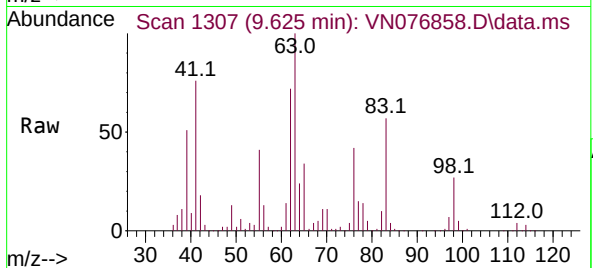
65 33.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#46

Dibromomethane

Concen: 76.513 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

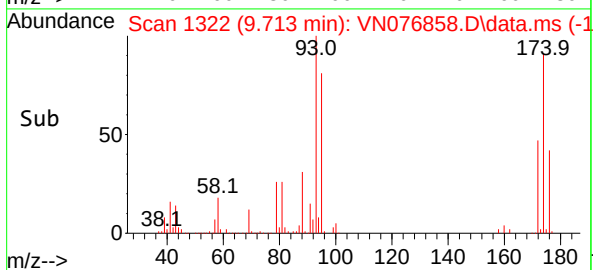
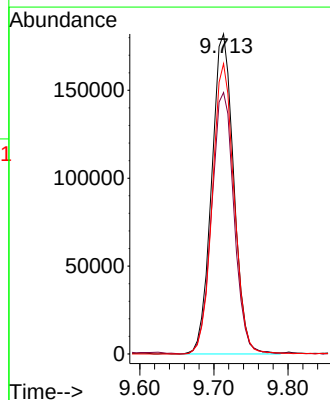
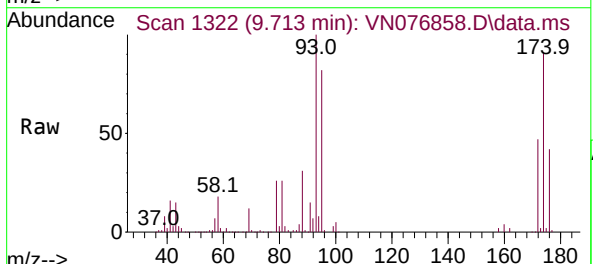
Tgt Ion: 93 Resp: 376513

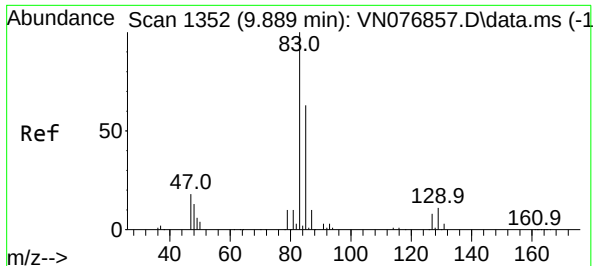
Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

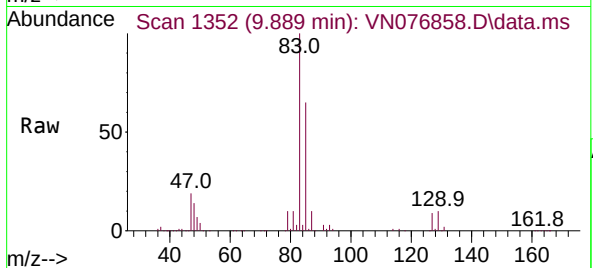
174 89.7 69.3 103.9





#47
Bromodichloromethane
Concen: 78.423 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

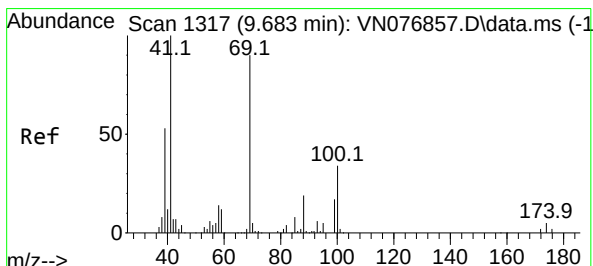
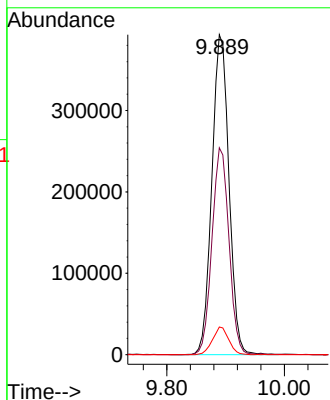
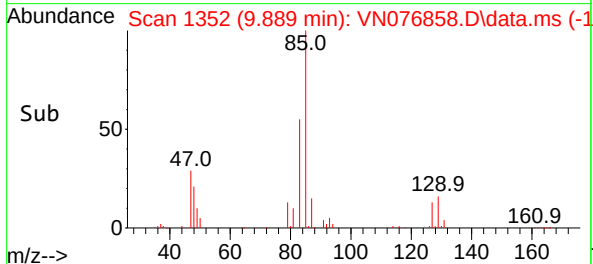
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



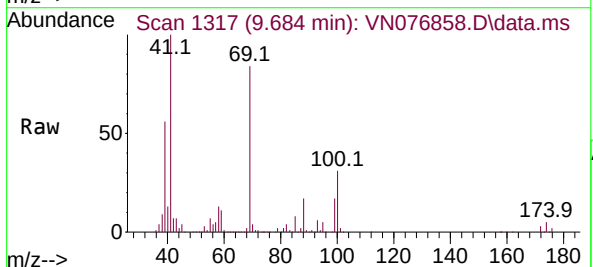
Tgt Ion: 83 Resp: 793350
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8
127 8.6 7.0 10.6

Manual Integrations
APPROVED

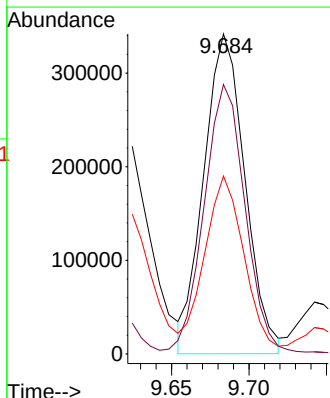
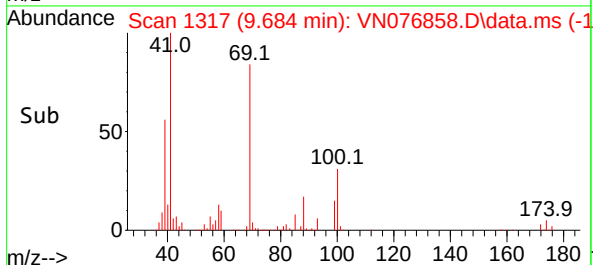
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

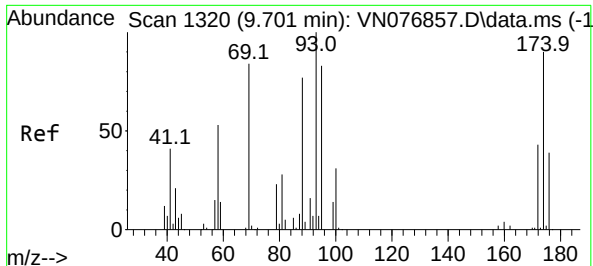


#48
Methyl methacrylate
Concen: 83.848 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39



Tgt Ion: 41 Resp: 630135
Ion Ratio Lower Upper
41 100
69 84.9 92.6 139.0#
39 54.0 51.4 77.0





#49

1,4-Dioxane

Concen: 1543.347 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 88 Resp: 21258

Ion Ratio Lower Upper

88 100

43 27.7 15.3 22.9

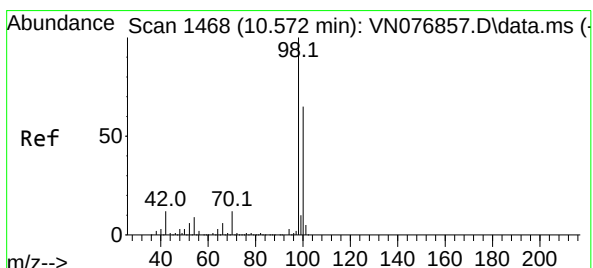
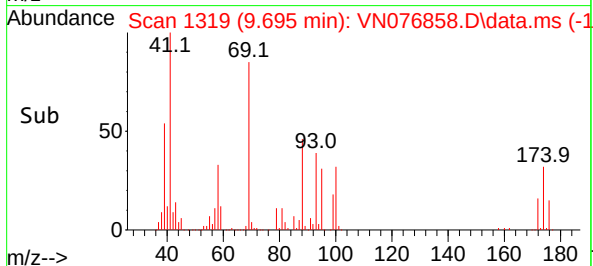
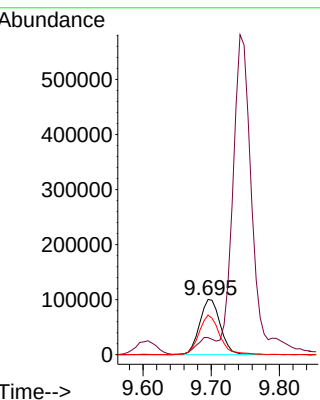
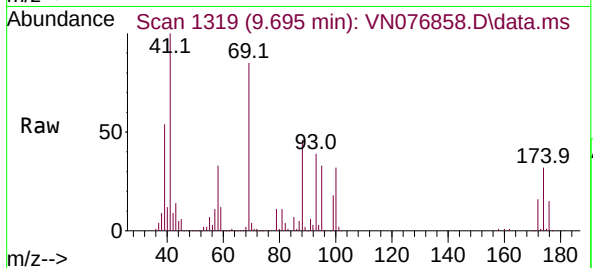
58 71.6 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#50

Toluene-d8

Concen: 76.407 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN076858.D

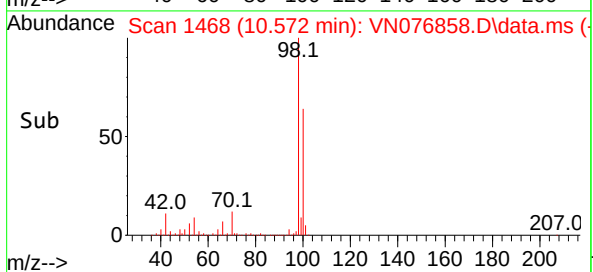
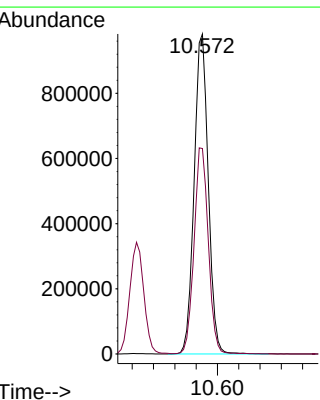
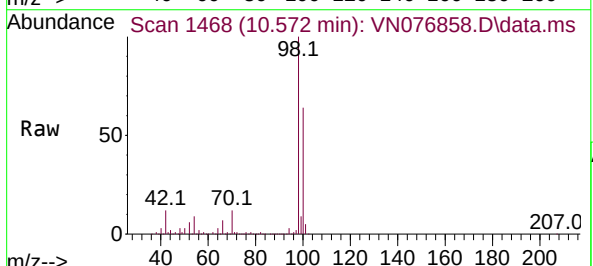
Acq: 06 Mar 2023 19:39

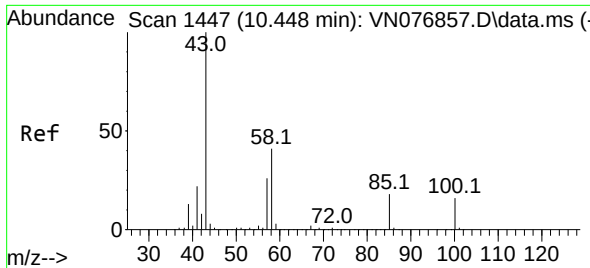
Tgt Ion: 98 Resp: 1802647

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2





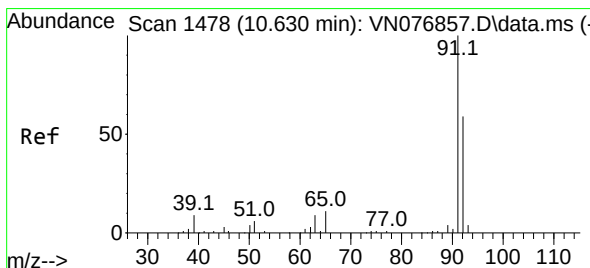
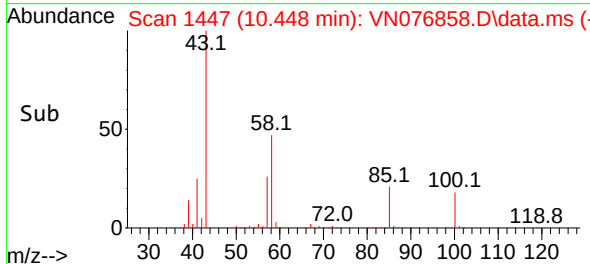
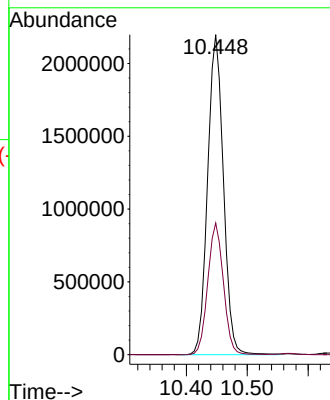
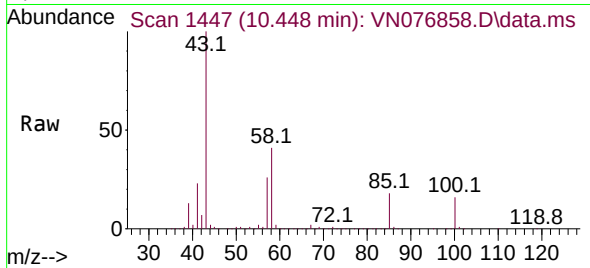
#51
4-Methyl-2-Pentanone
Concen: 404.624 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 394721
Ion Ratio Lower Upper
43 100
58 40.9 37.4 56.0

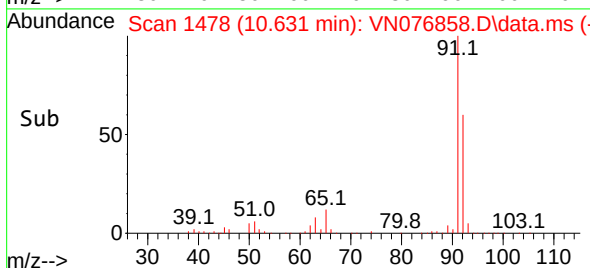
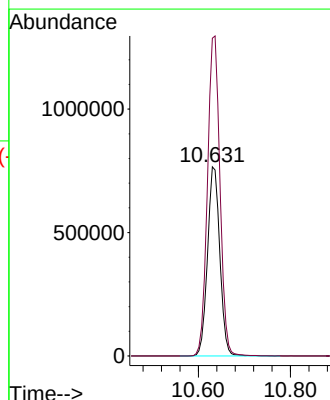
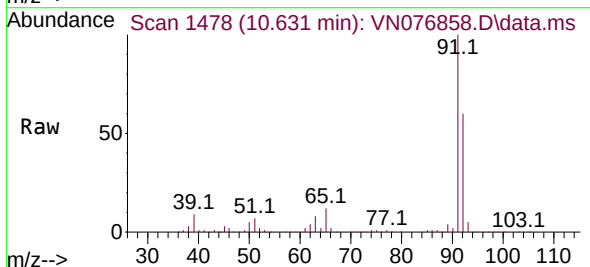
Manual Integrations
APPROVED

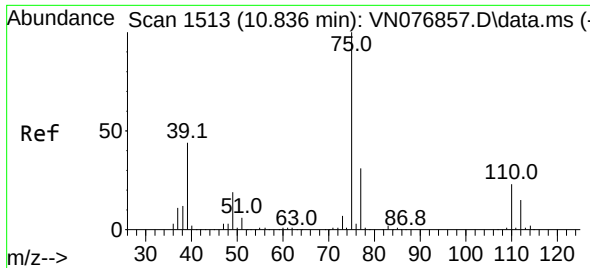
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#52
Toluene
Concen: 79.953 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 92 Resp: 1427322
Ion Ratio Lower Upper
92 100
91 171.8 138.2 207.2





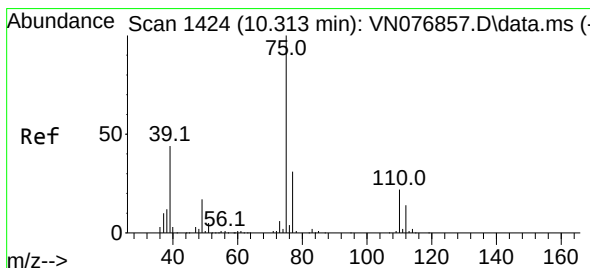
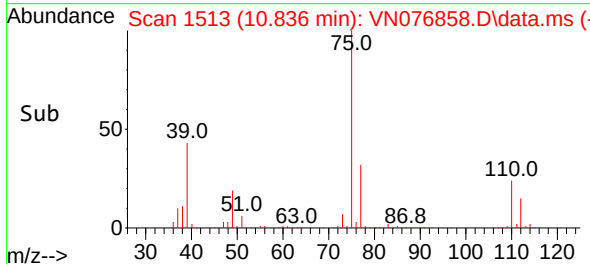
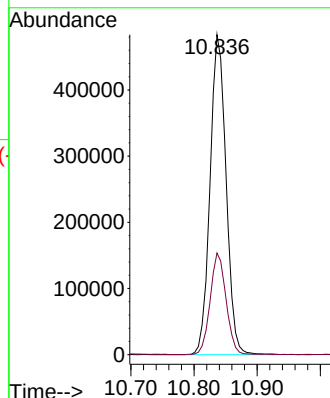
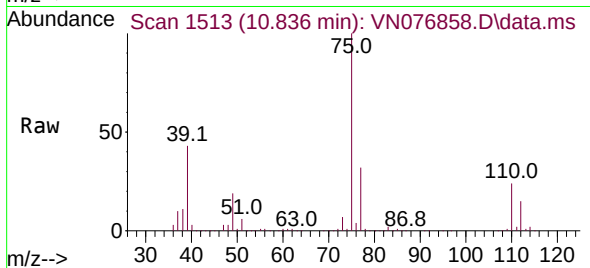
#53
t-1,3-Dichloropropene
Concen: 87.010 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 75 Resp: 853229
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

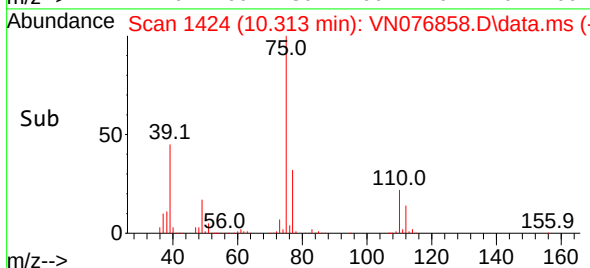
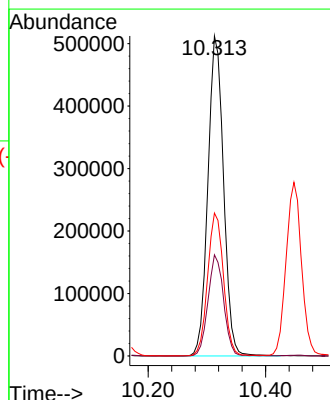
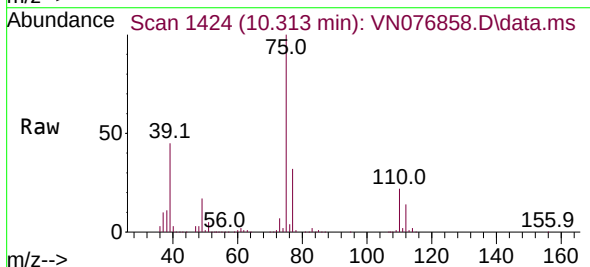
Manual Integrations
APPROVED

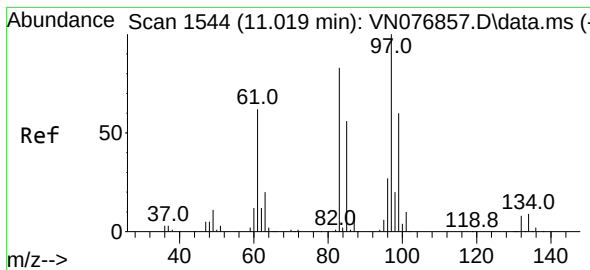
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#54
cis-1,3-Dichloropropene
Concen: 84.058 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

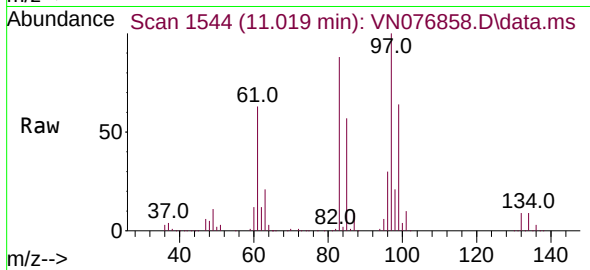
Tgt Ion: 75 Resp: 946812
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 44.6 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 76.436 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

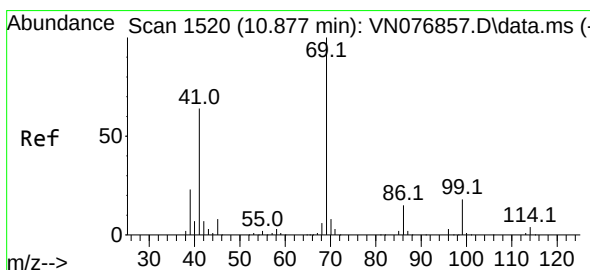
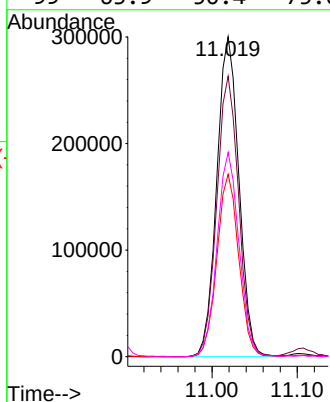
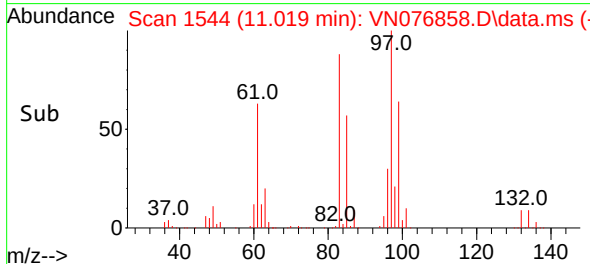
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



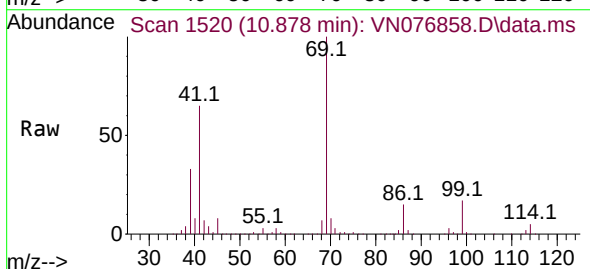
Tgt Ion: 97 Resp: 542809
Ion Ratio Lower Upper
97 100
83 87.6 67.1 100.7
85 57.0 41.8 62.8
99 63.9 50.4 75.6

Manual Integrations
APPROVED

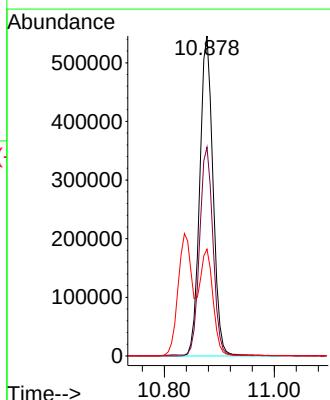
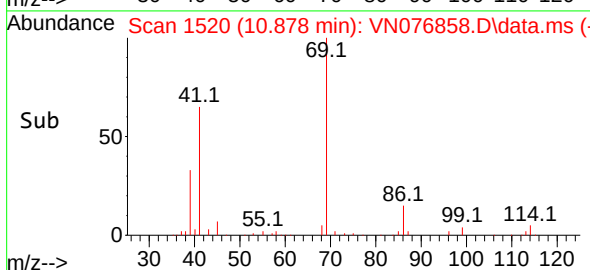
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

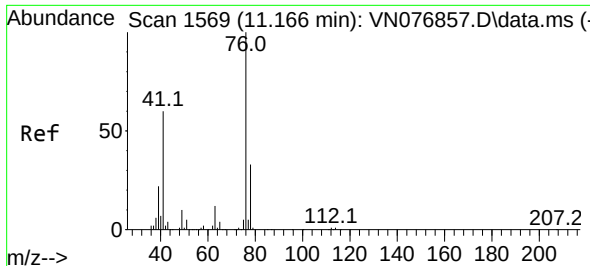


#56
Ethyl methacrylate
Concen: 86.276 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39



Tgt Ion: 69 Resp: 912881
Ion Ratio Lower Upper
69 100
41 65.3 38.0 57.0#
39 30.7 22.4 33.6





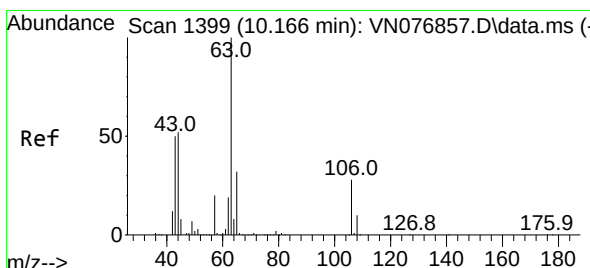
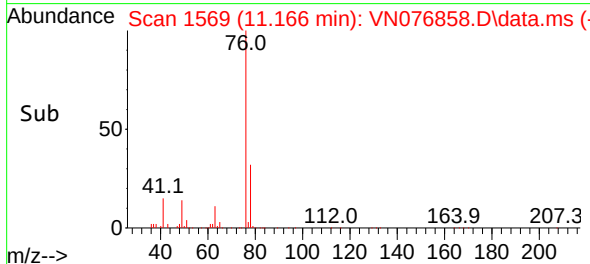
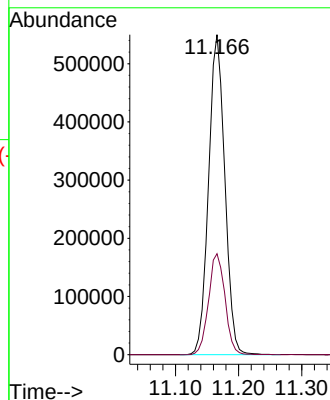
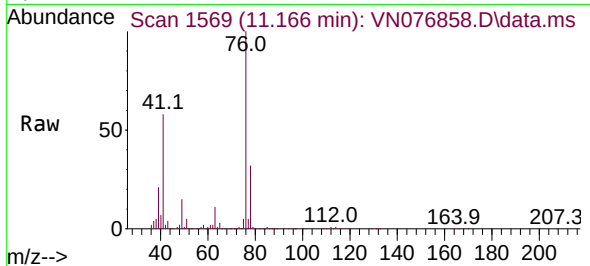
#57
1,3-Dichloropropane
Concen: 79.721 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 76 Resp: 98295
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

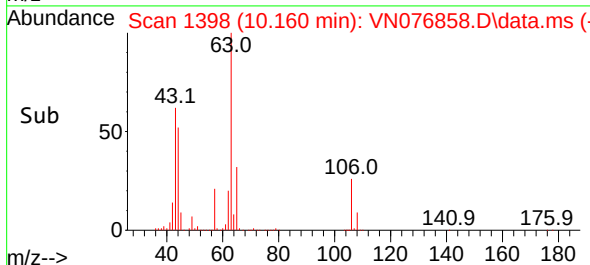
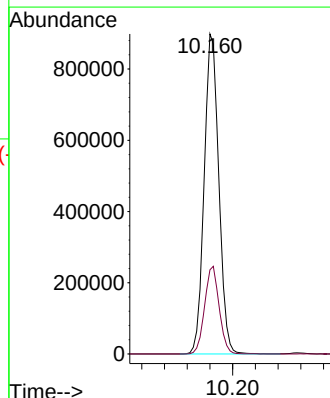
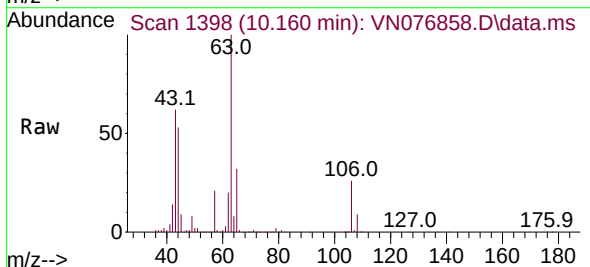
Manual Integrations
APPROVED

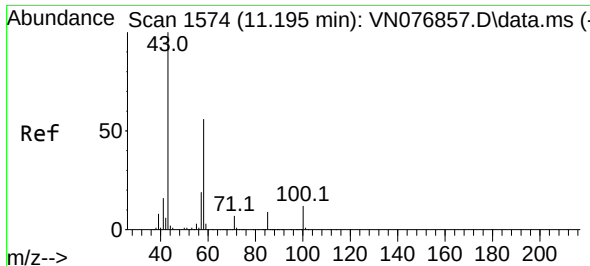
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 436.713 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 63 Resp: 1601058
Ion Ratio Lower Upper
63 100
106 27.2 25.6 38.4





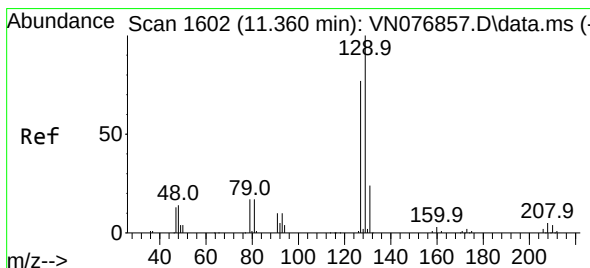
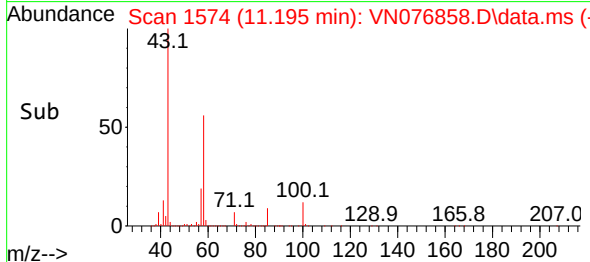
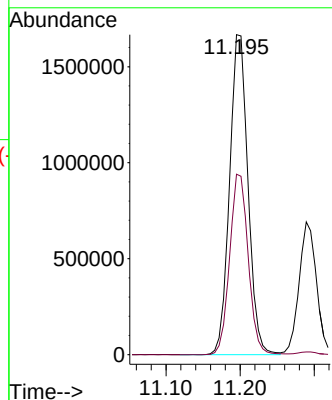
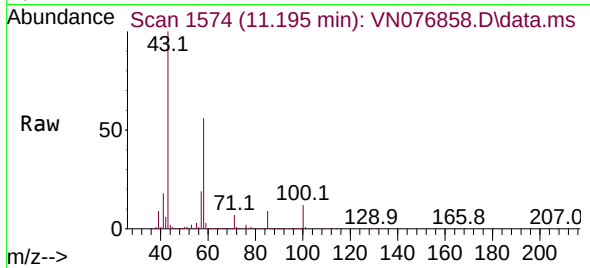
#59
2-Hexanone
Concen: 406.272 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 287189
Ion Ratio Lower Upper
43 100
58 56.9 32.6 98.0

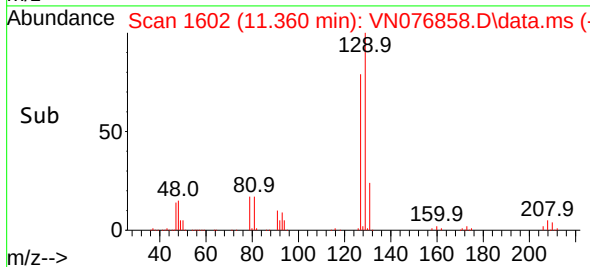
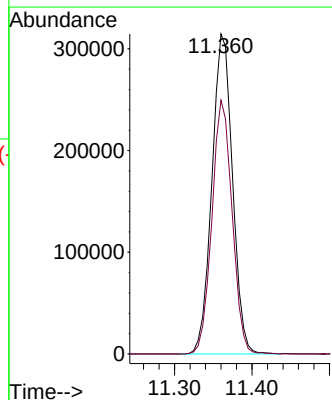
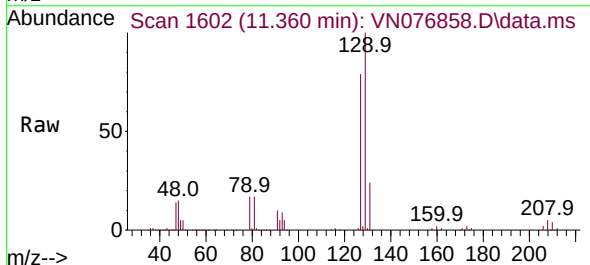
Manual Integrations
APPROVED

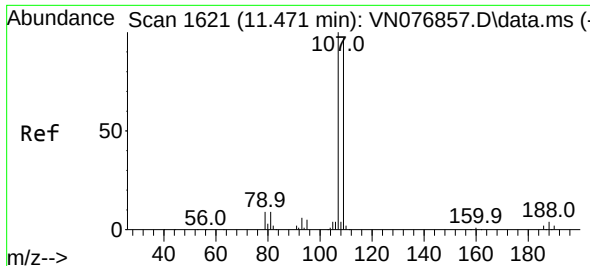
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#60
Dibromochloromethane
Concen: 82.979 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

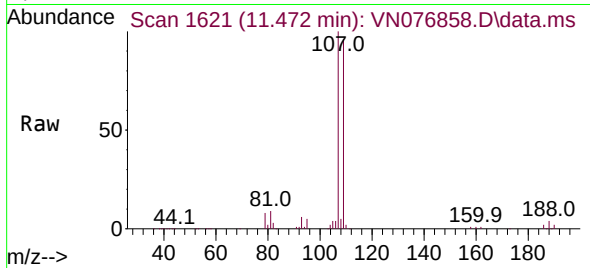
Tgt Ion:129 Resp: 580676
Ion Ratio Lower Upper
129 100
127 77.8 39.6 118.8





#61
1,2-Dibromoethane
Concen: 81.410 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

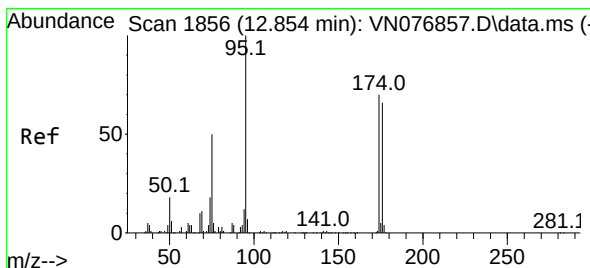
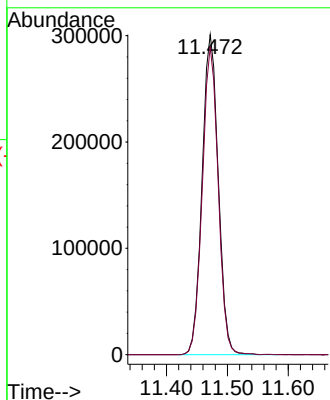
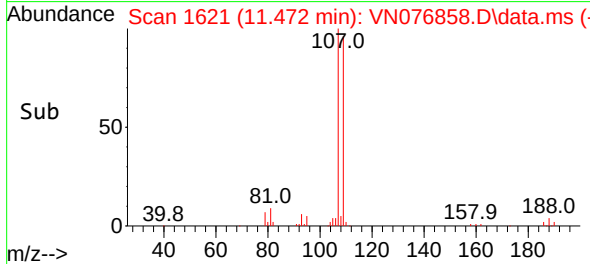
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:107 Resp: 555672
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9

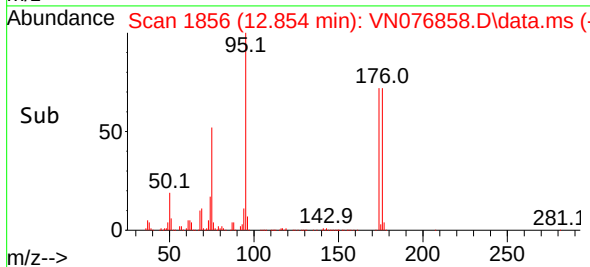
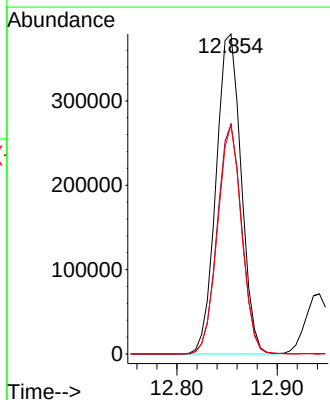
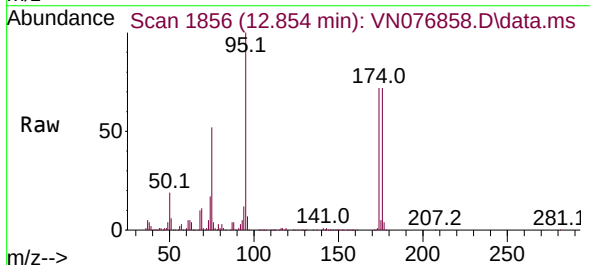
Manual Integrations
APPROVED

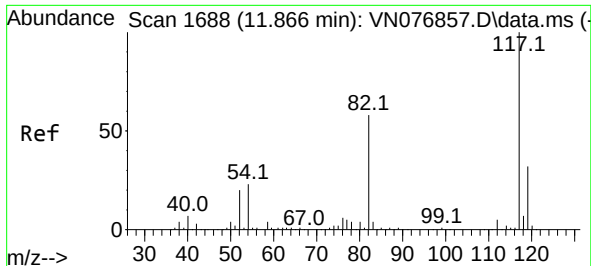
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#62
4-Bromofluorobenzene
Concen: 80.538 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

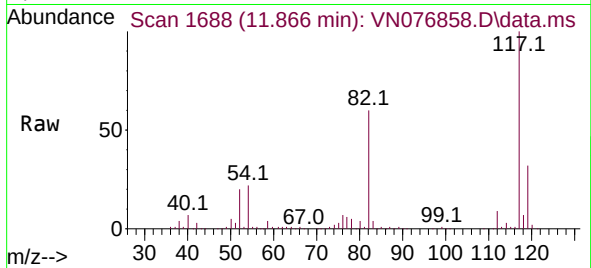
Tgt Ion: 95 Resp: 658417
Ion Ratio Lower Upper
95 100
174 70.0 0.0 162.4
176 68.5 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

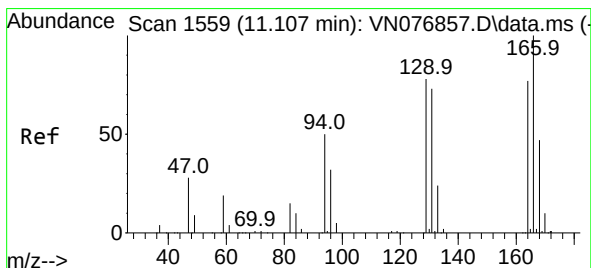
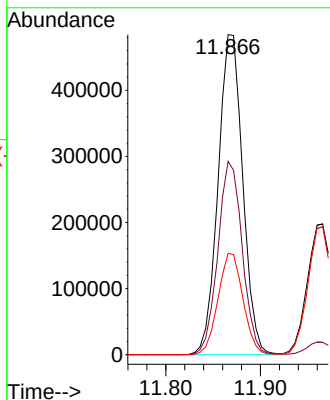
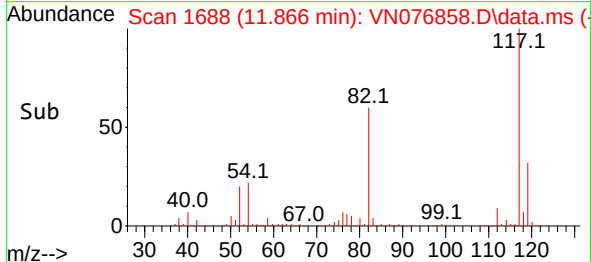
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 876128
Ion Ratio Lower Upper
117 100
82 60.4 43.5 65.3
119 31.7 25.5 38.3

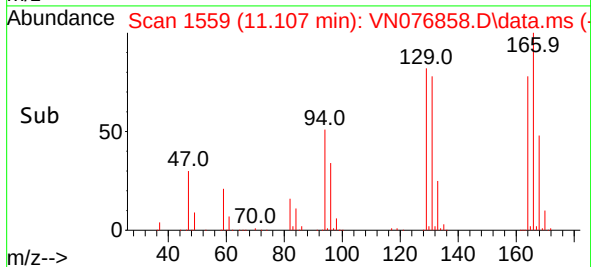
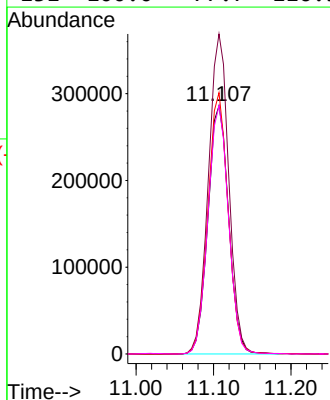
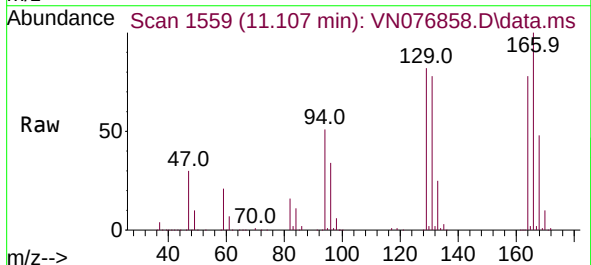
Manual Integrations
APPROVED

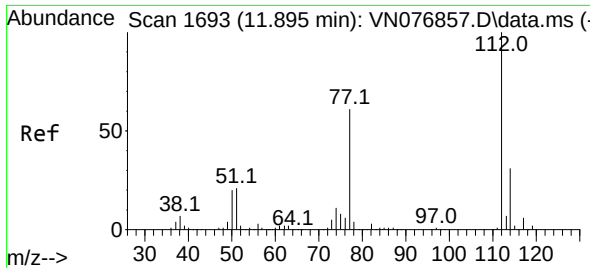
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#64
Tetrachloroethene
Concen: 81.319 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

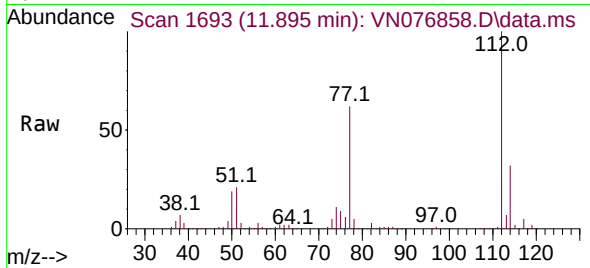
Tgt Ion:164 Resp: 530202
Ion Ratio Lower Upper
164 100
166 129.0 102.7 154.1
129 105.3 81.5 122.3
131 100.0 77.7 116.5





#65
Chlorobenzene
Concen: 77.219 ug/l
RT: 11.895 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

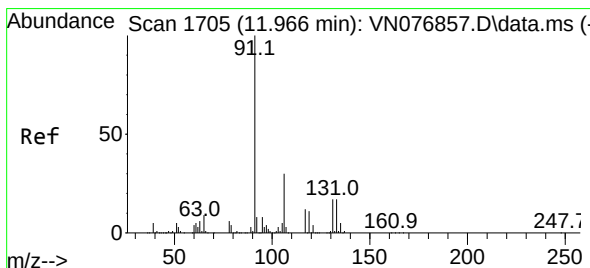
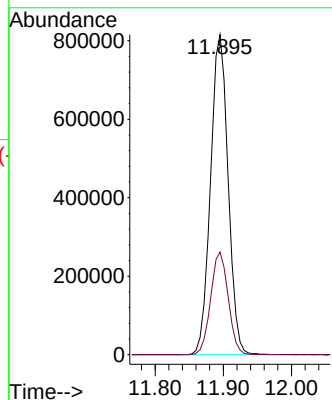
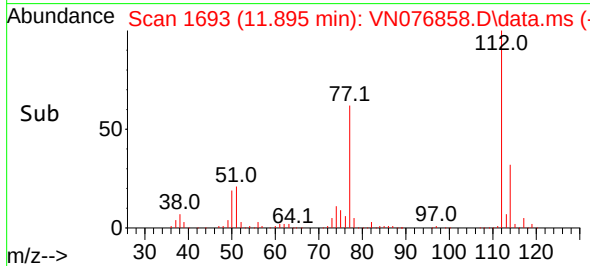
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



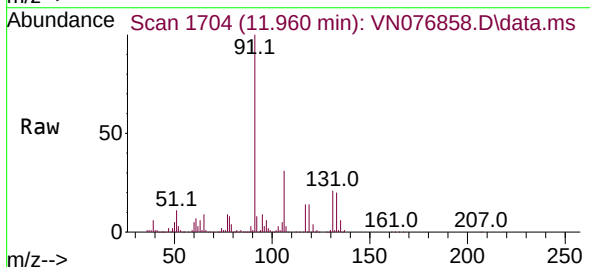
Tgt Ion:112 Resp: 146205
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

Manual Integrations
APPROVED

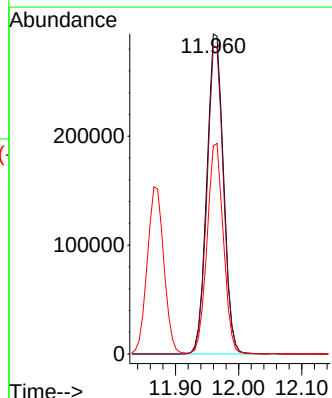
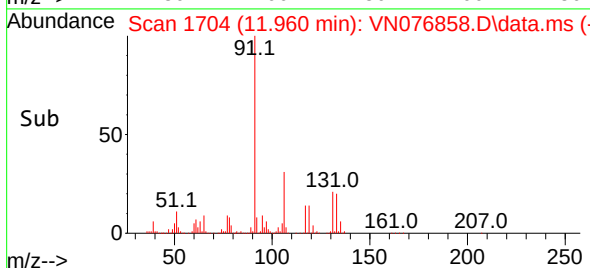
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

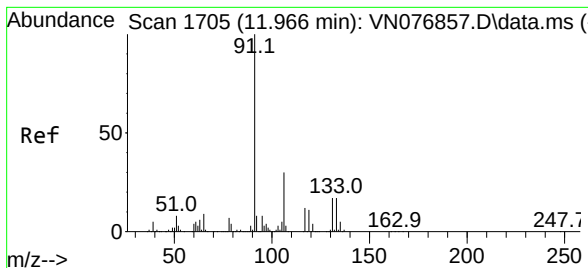


#66
1,1,1,2-Tetrachloroethane
Concen: 78.756 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39



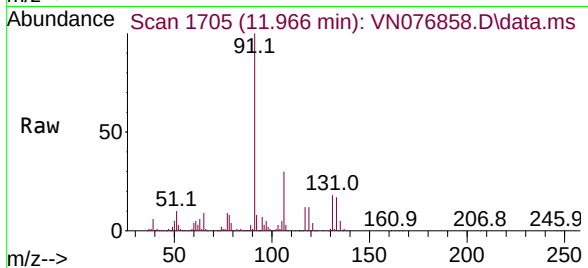
Tgt Ion:131 Resp: 539411
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 64.5 33.1 99.2





#67
Ethyl Benzene
Concen: 81.598 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

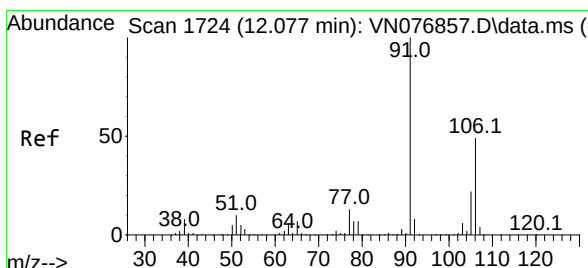
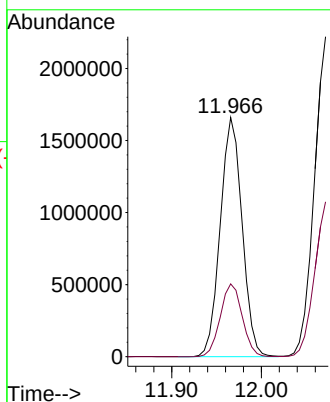
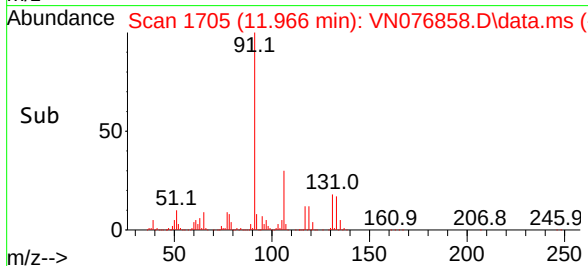
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



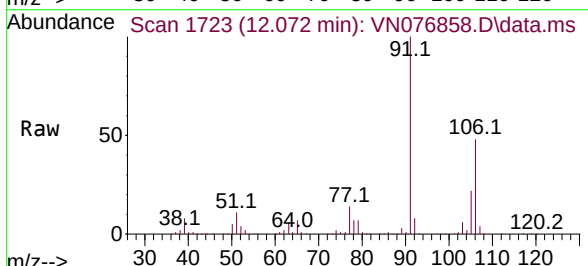
Tgt Ion: 91 Resp: 280531
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7

Manual Integrations
APPROVED

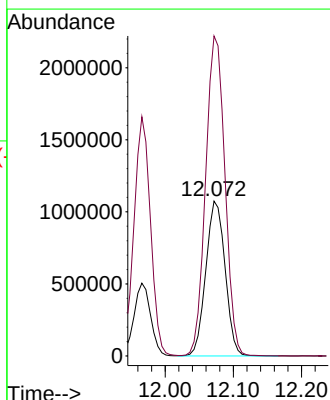
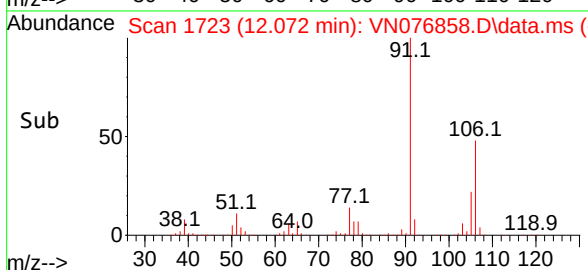
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

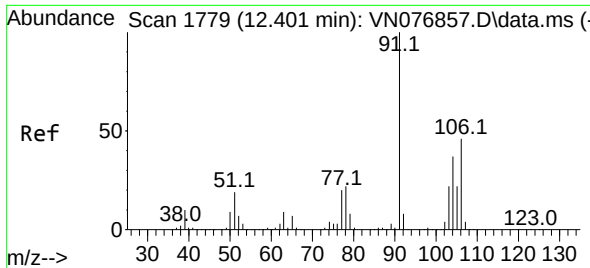


#68
m/p-Xylenes
Concen: 163.214 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39



Tgt Ion:106 Resp: 2111138
Ion Ratio Lower Upper
106 100
91 207.7 158.0 237.0





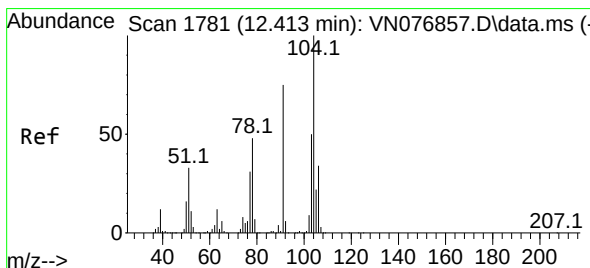
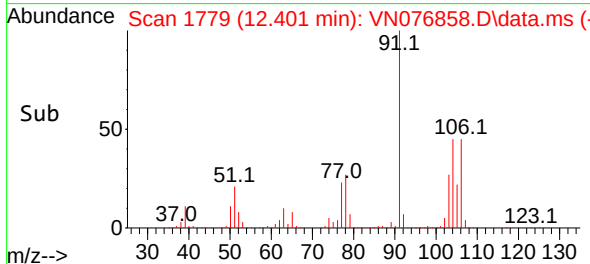
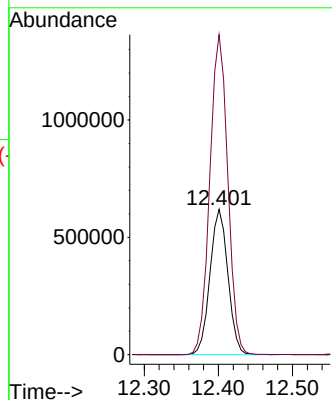
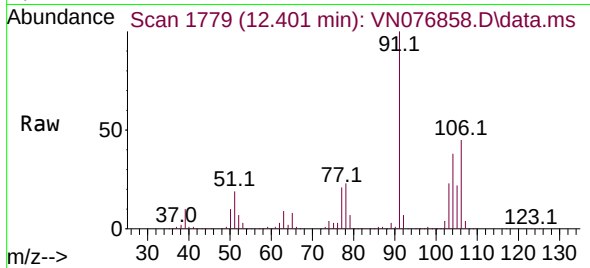
#69
o-Xylene
Concen: 81.610 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 1039510
Ion Ratio Lower Upper
106 100
91 221.1 101.8 305.4

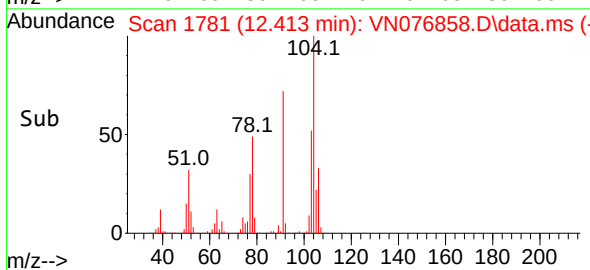
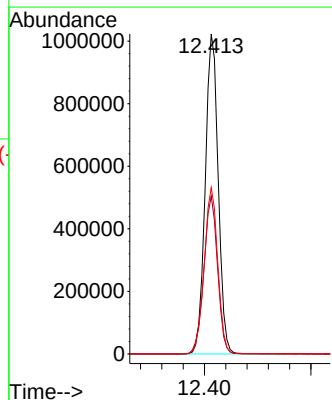
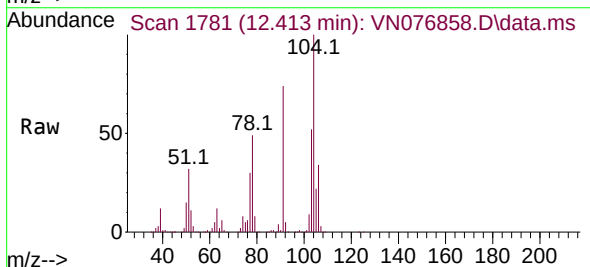
Manual Integrations
APPROVED

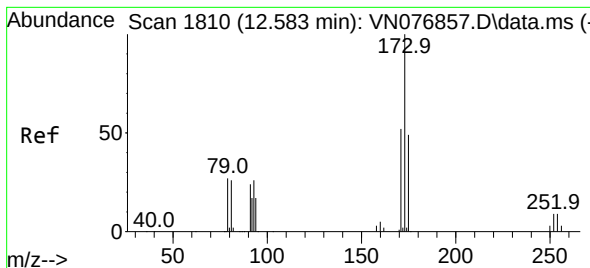
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#70
Styrene
Concen: 86.360 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion:104 Resp: 1724662
Ion Ratio Lower Upper
104 100
78 51.9 36.6 55.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 85.071 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:173 Resp: 396608

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

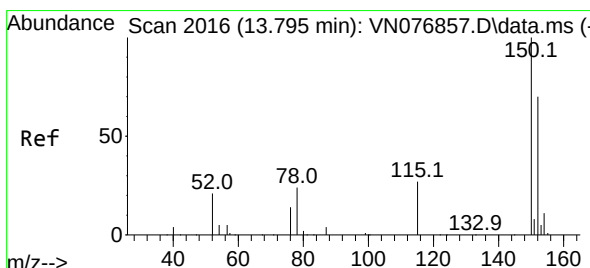
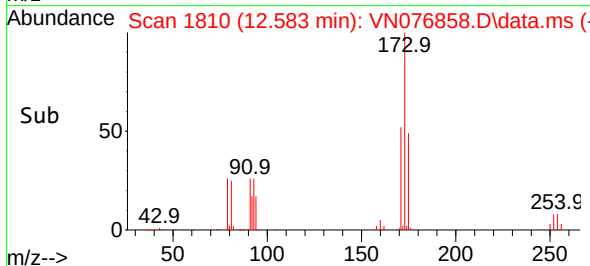
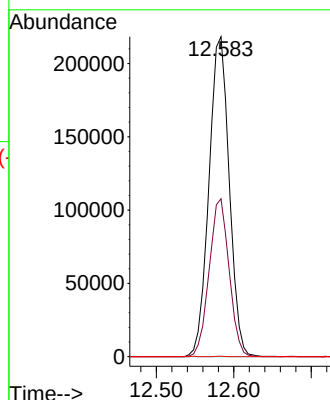
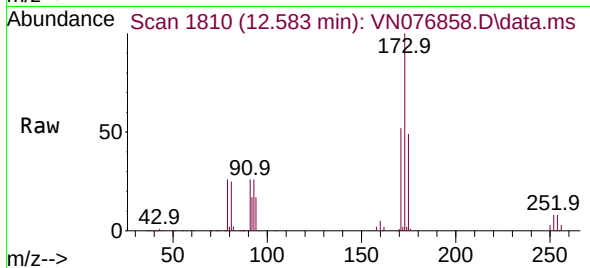
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

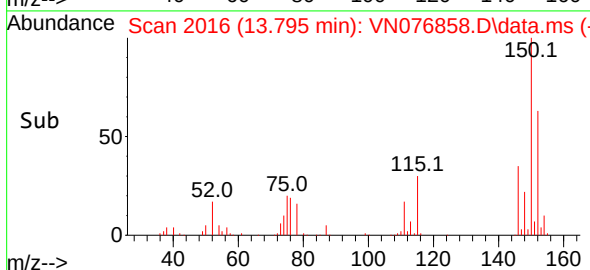
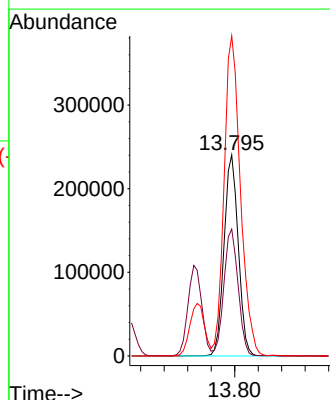
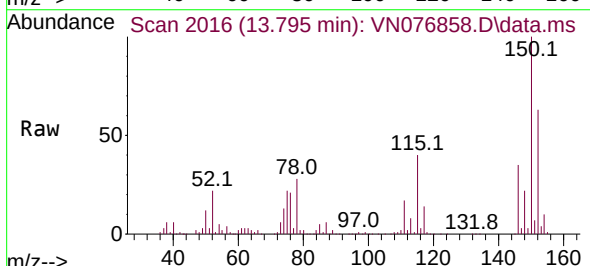
Tgt Ion:152 Resp: 402608

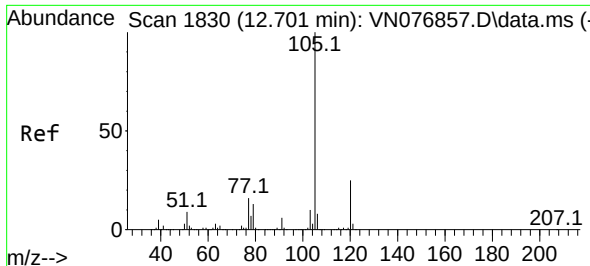
Ion Ratio Lower Upper

152 100

115 62.9 30.3 90.9

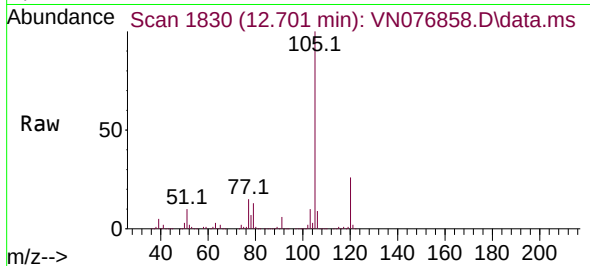
150 182.0 0.0 353.6





#73
Isopropylbenzene
Concen: 78.111 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

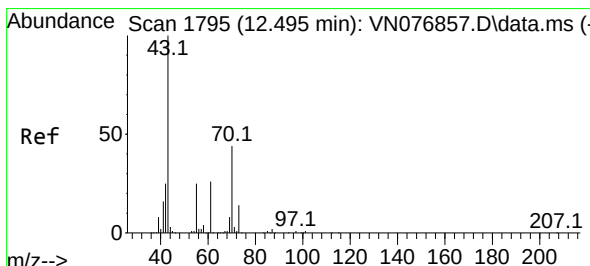
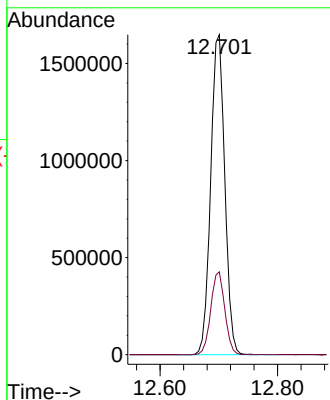
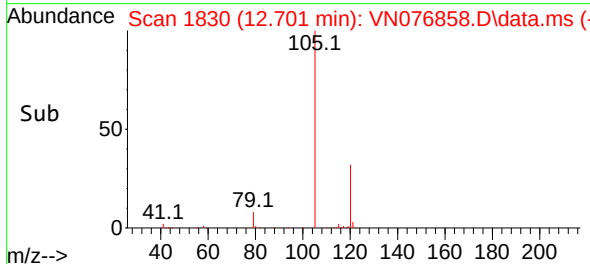
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



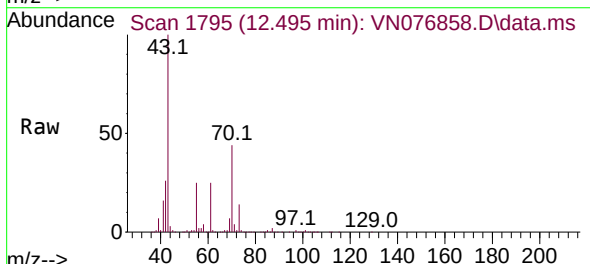
Tgt Ion:105 Resp: 274125
Ion Ratio Lower Upper
105 100
120 25.7 13.8 41.4

Manual Integrations
APPROVED

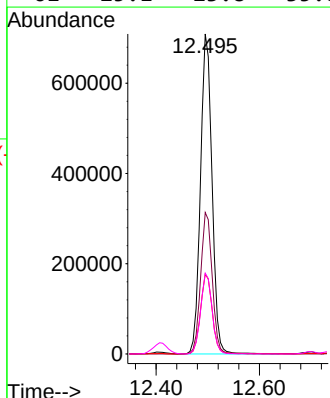
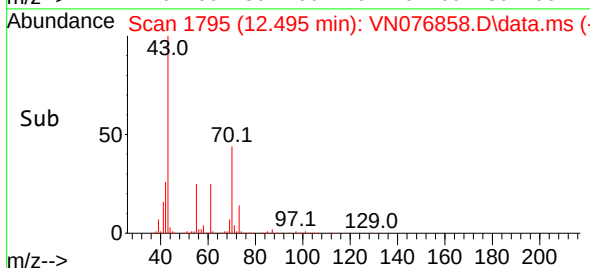
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

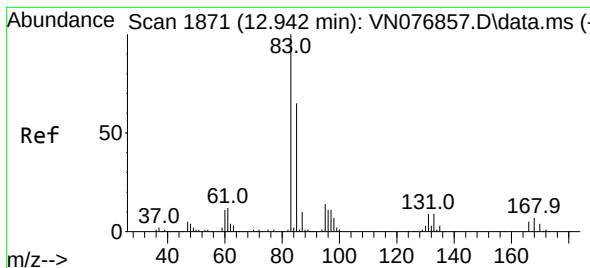


#74
N-ethyl acetate
Concen: 80.140 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39



Tgt Ion: 43 Resp: 1099946
Ion Ratio Lower Upper
43 100
70 44.2 46.8 70.2#
55 25.4 23.4 35.2
61 25.1 23.8 35.8





#75

1,1,2,2-Tetrachloroethane

Concen: 68.469 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

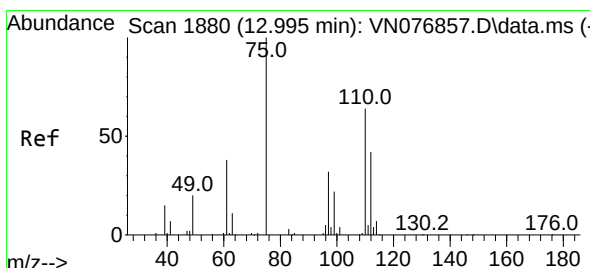
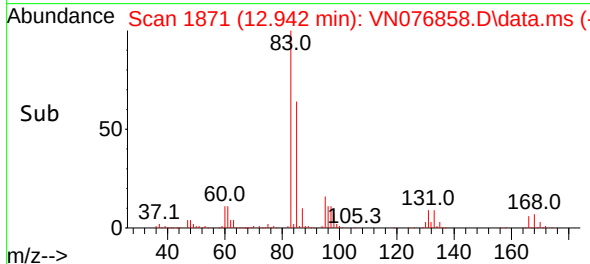
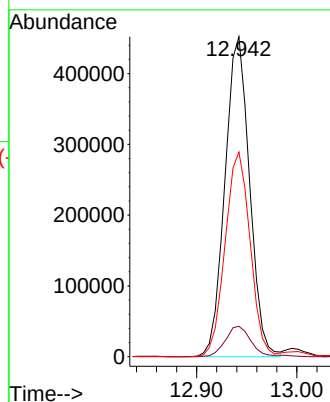
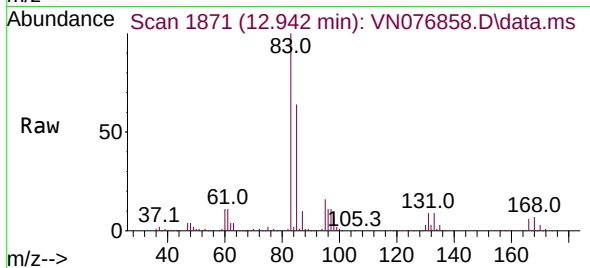
Tgt Ion: 83 Resp: 770070
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.3 16.1
 85 65.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#76

1,2,3-Trichloropropane

Concen: 71.357 ug/l m

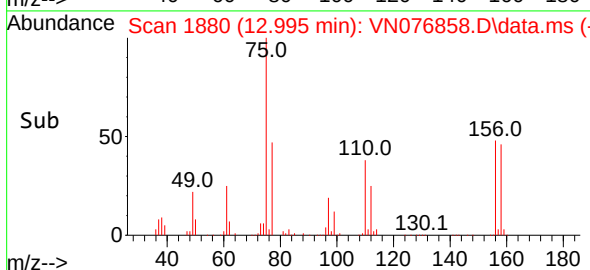
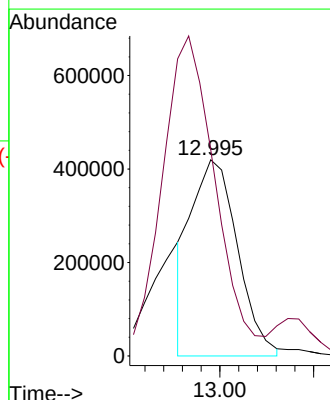
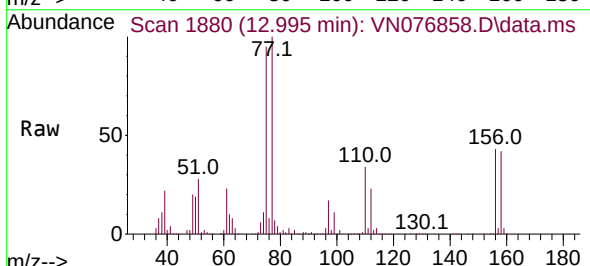
RT: 12.995 min Scan# 1880

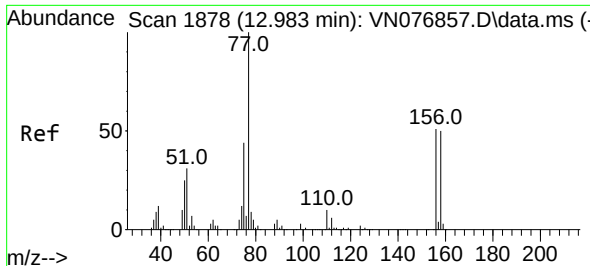
Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Tgt Ion: 75 Resp: 723486
 Ion Ratio Lower Upper
 75 100
 77 187.7 93.8 281.4





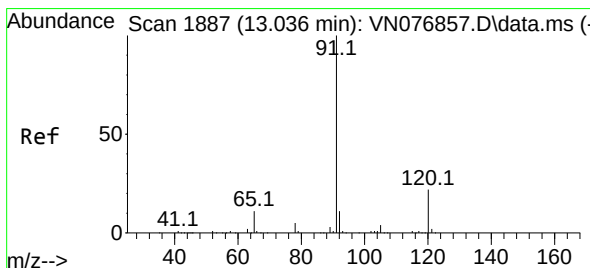
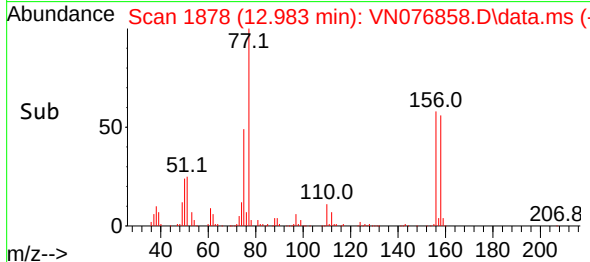
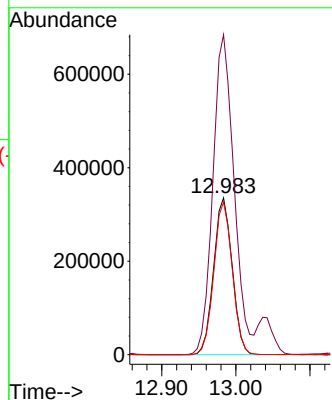
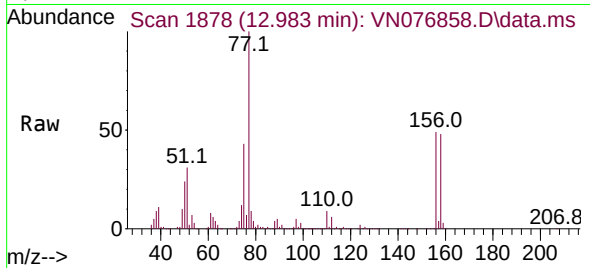
#77
Bromobenzene
Concen: 75.128 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:156 Resp: 58343
Ion Ratio Lower Upper
156 100
77 232.8 101.3 303.7
158 96.5 48.9 146.7

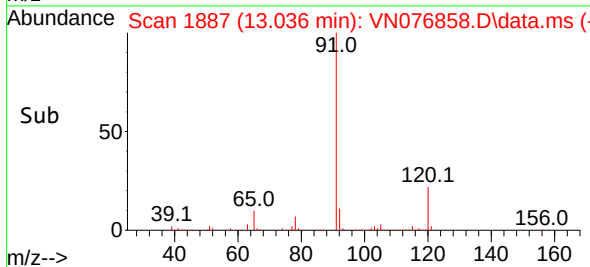
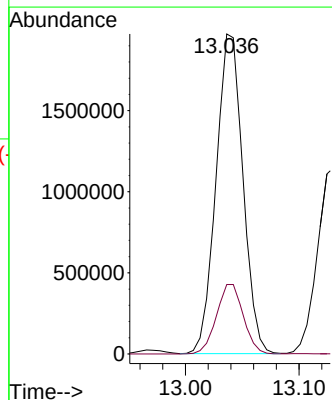
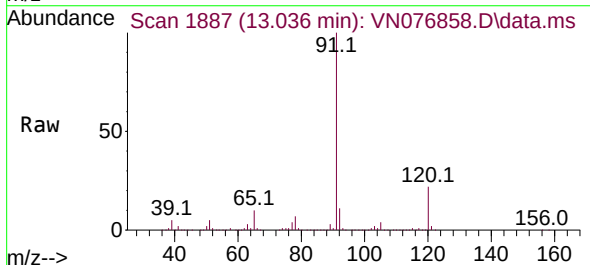
Manual Integrations
APPROVED

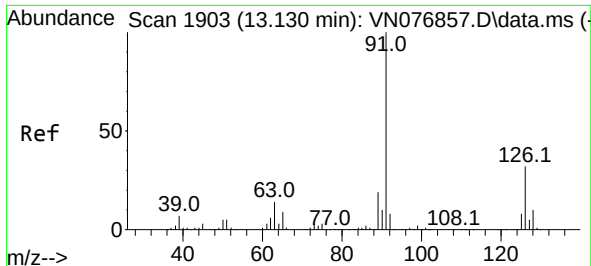
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#78
n-propylbenzene
Concen: 81.021 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 91 Resp: 3242516
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.7





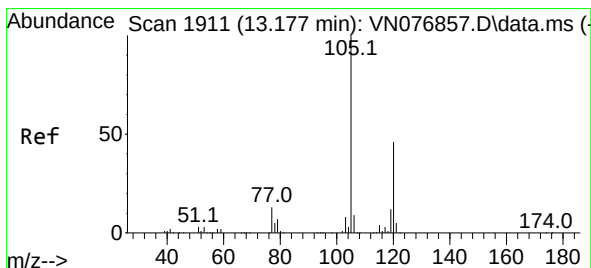
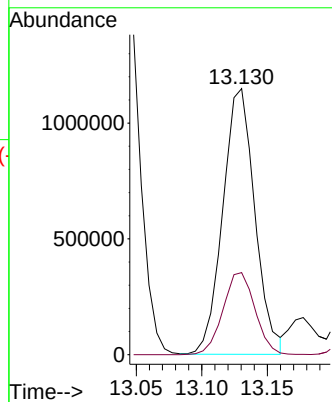
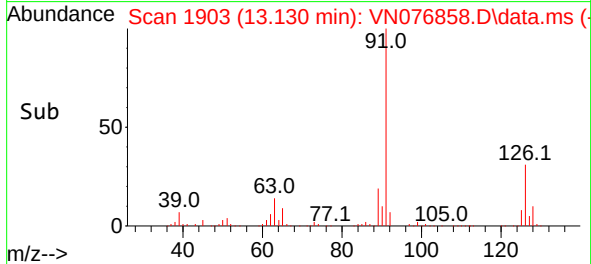
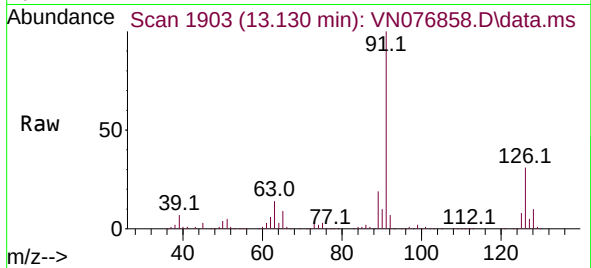
#79
2-Chlorotoluene
Concen: 76.054 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 1952478
Ion Ratio Lower Upper
91 100
126 31.0 17.7 53.1

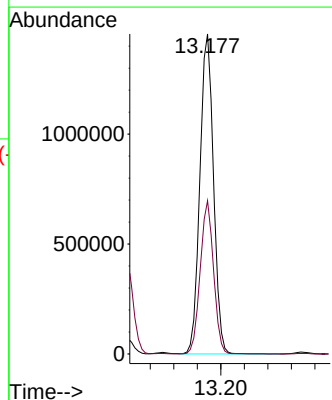
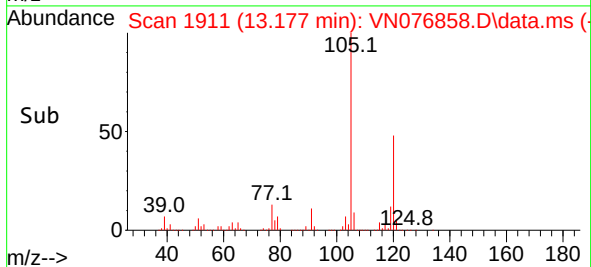
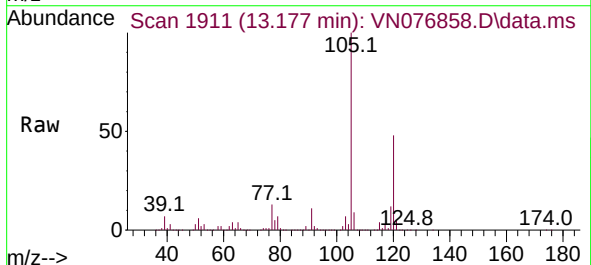
Manual Integrations
APPROVED

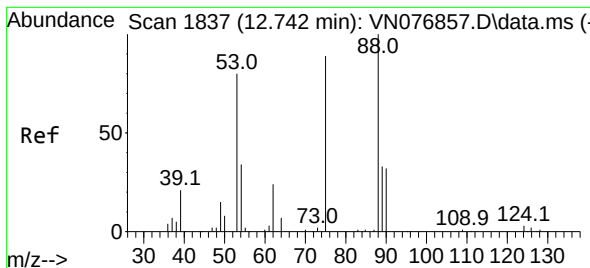
Reviewed By :John Carbone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 79.490 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion:105 Resp: 2338071
Ion Ratio Lower Upper
105 100
120 46.8 25.2 75.6





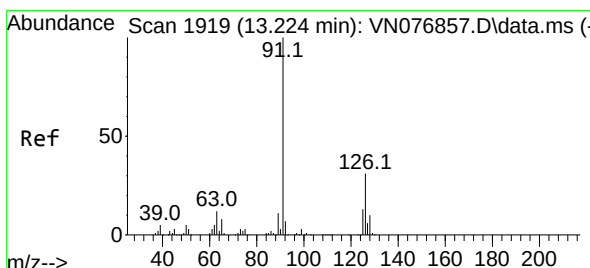
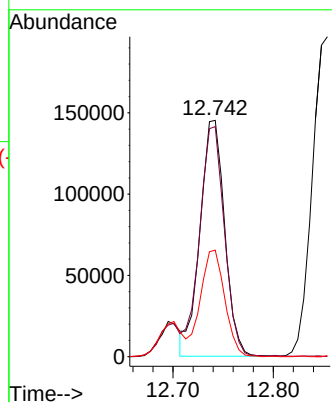
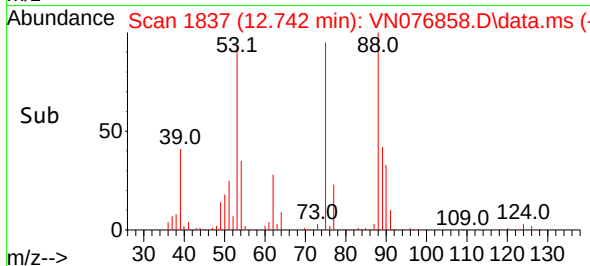
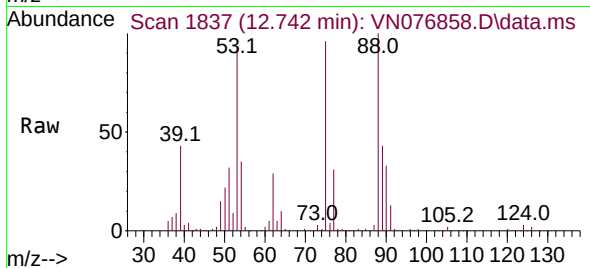
#81
trans-1,4-Dichloro-2-butene
Concen: 80.851 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 248918
Ion Ratio Lower Upper
75 100
53 98.1 67.4 101.0
89 44.5 39.5 59.3

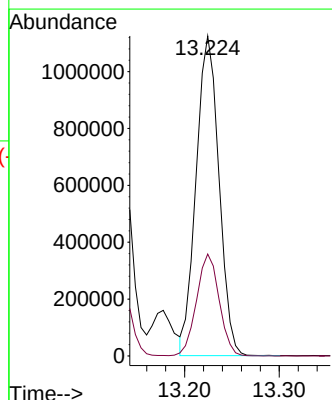
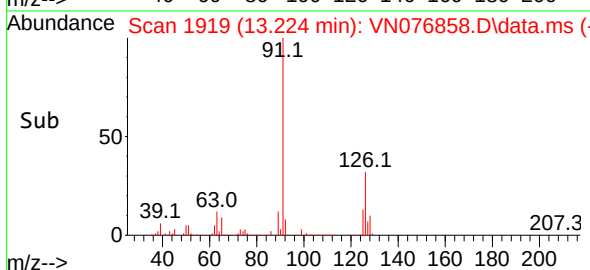
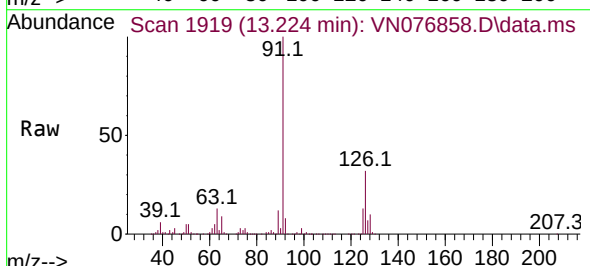
Manual Integrations
APPROVED

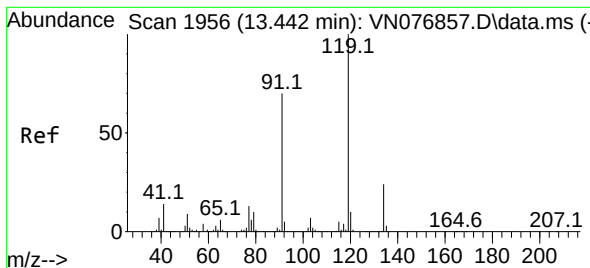
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#82
4-Chlorotoluene
Concen: 77.390 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

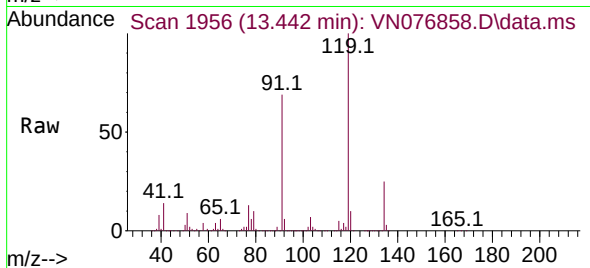
Tgt Ion: 91 Resp: 1883513
Ion Ratio Lower Upper
91 100
126 31.7 18.0 54.0





#83
tert-Butylbenzene
Concen: 78.113 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

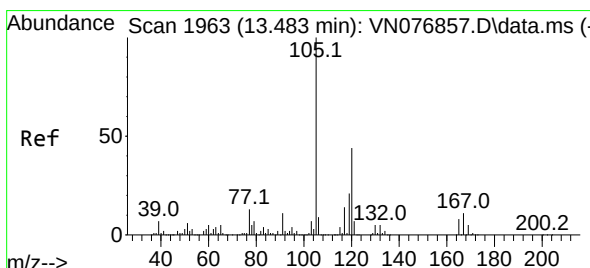
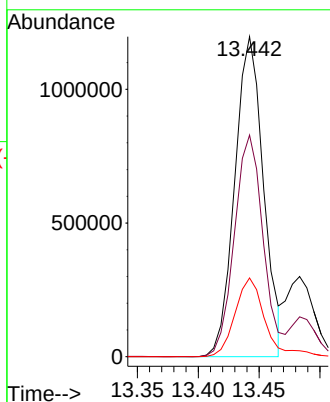
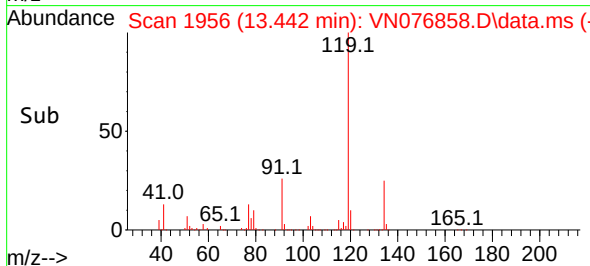
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:119 Resp: 196333
Ion Ratio Lower Upper
119 100
91 69.9 31.9 95.5
134 25.7 13.8 41.4

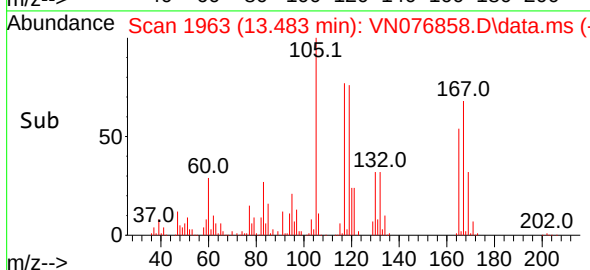
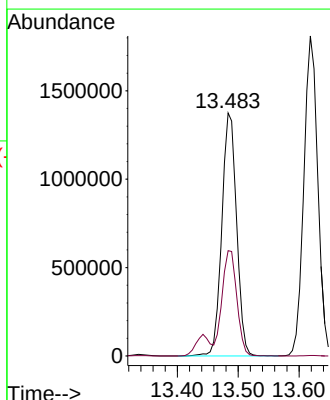
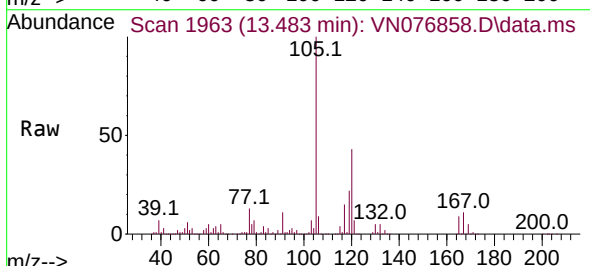
Manual Integrations
APPROVED

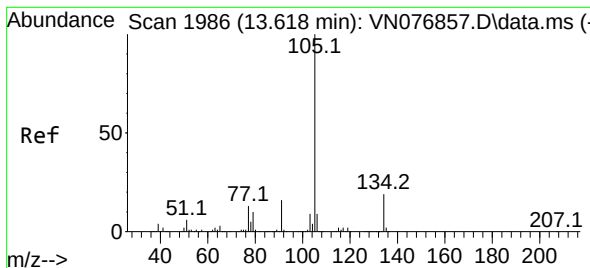
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 79.823 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion:105 Resp: 2315962
Ion Ratio Lower Upper
105 100
120 43.2 23.6 70.8





#85

sec-Butylbenzene

Concen: 82.019 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:105 Resp: 2878230

Ion Ratio Lower Upper

105 100

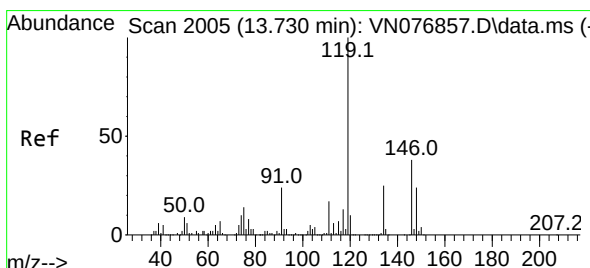
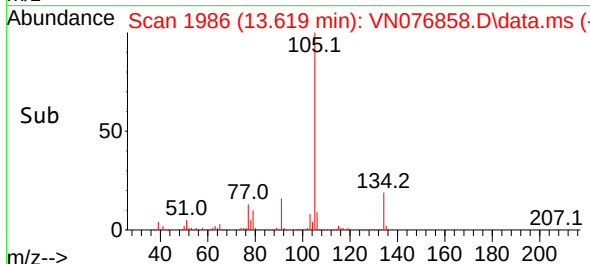
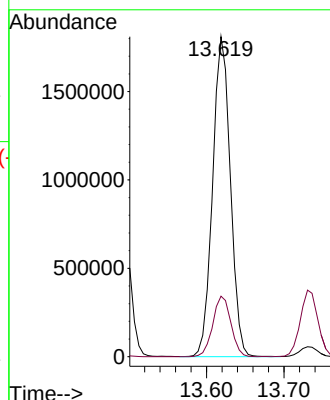
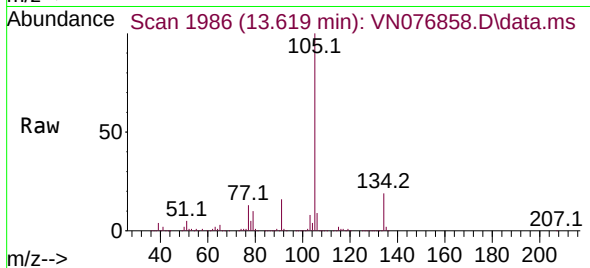
134 19.2 10.4 31.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#86

p-Isopropyltoluene

Concen: 84.116 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

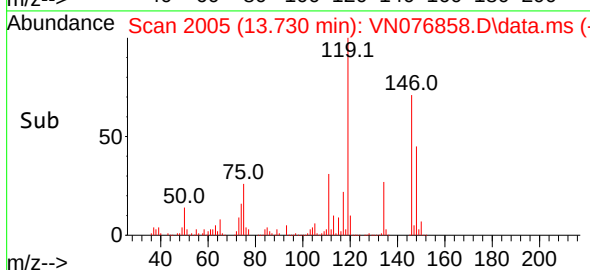
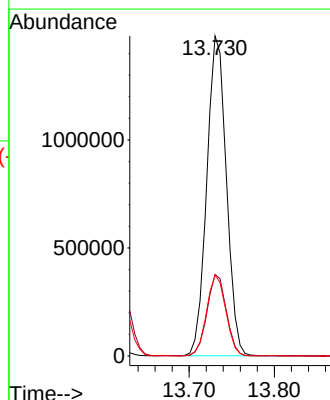
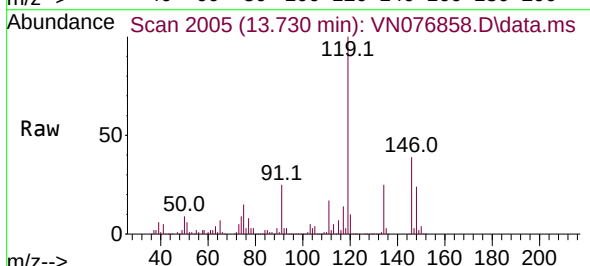
Tgt Ion:119 Resp: 2360997

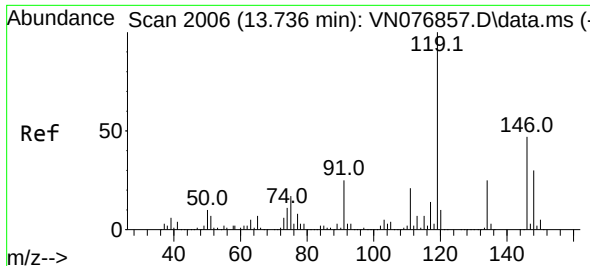
Ion Ratio Lower Upper

119 100

134 25.0 13.5 40.5

91 24.7 11.2 33.6





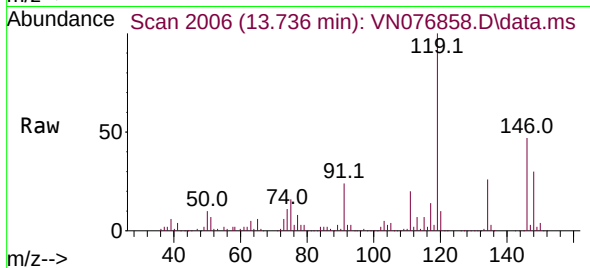
#87
 1,3-Dichlorobenzene
 Concen: 77.481 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076858.D
 Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



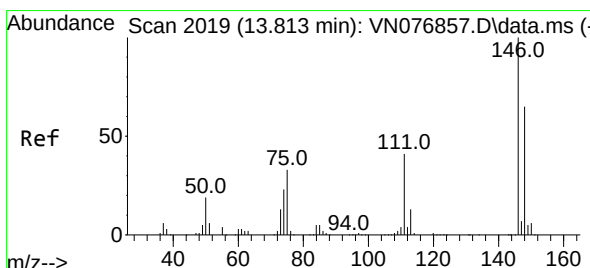
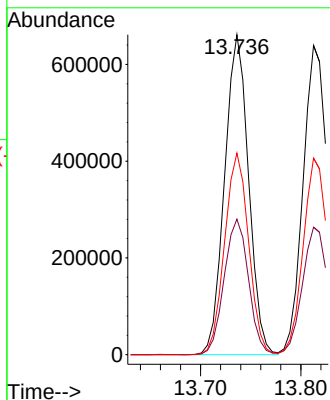
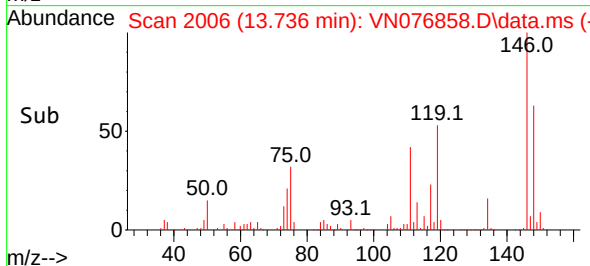
Tgt Ion:146 Resp: 1098681
 Ion Ratio Lower Upper
 146 100
 111 43.1 20.4 61.2
 148 63.1 31.5 94.5

Manual Integrations

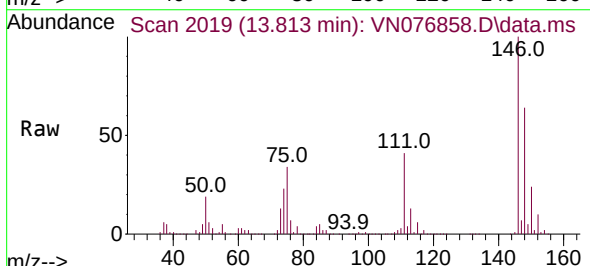
APPROVED

Reviewed By :John Carlone 03/07/2023

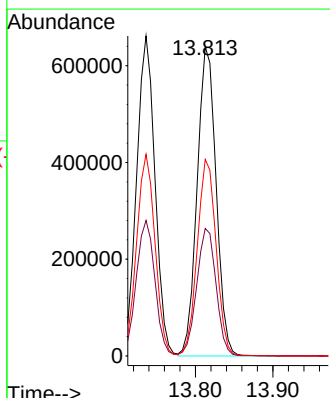
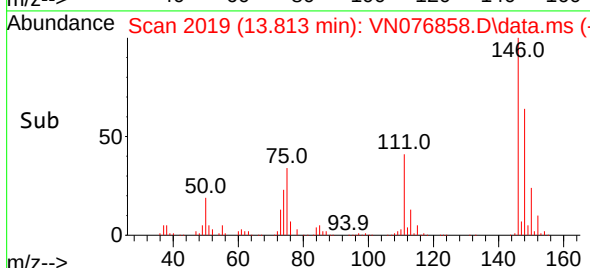
Supervised By :Semsettin Yesilyurt 03/07/2023

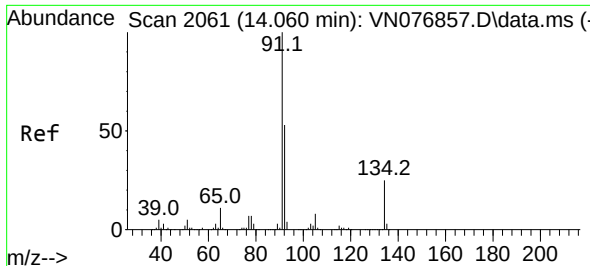


#88
 1,4-Dichlorobenzene
 Concen: 75.487 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN076858.D
 Acq: 06 Mar 2023 19:39



Tgt Ion:146 Resp: 1086872
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.0 60.0
 148 63.4 31.8 95.4





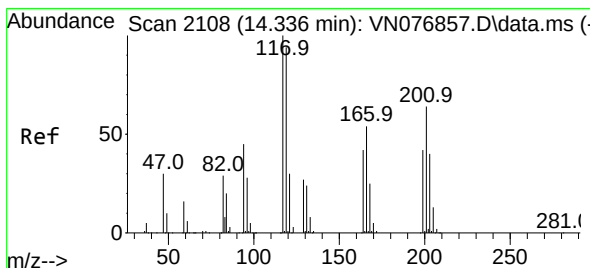
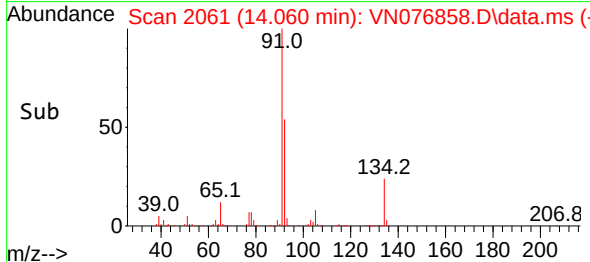
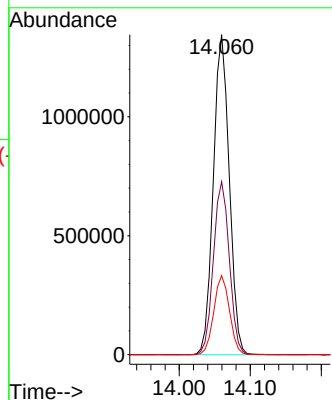
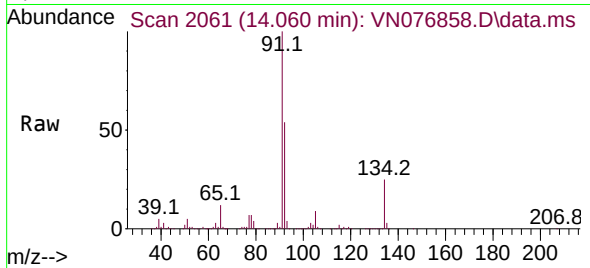
#89
n-Butylbenzene
Concen: 86.266 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 2091838
Ion Ratio Lower Upper
91 100
92 54.1 26.6 79.7
134 24.4 13.6 40.7

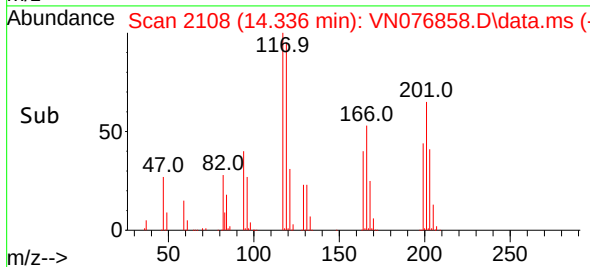
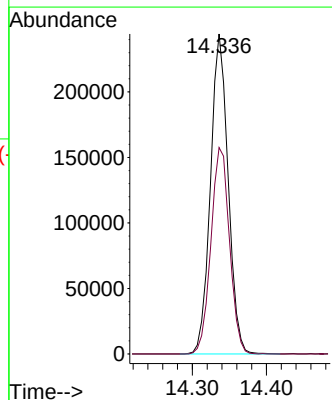
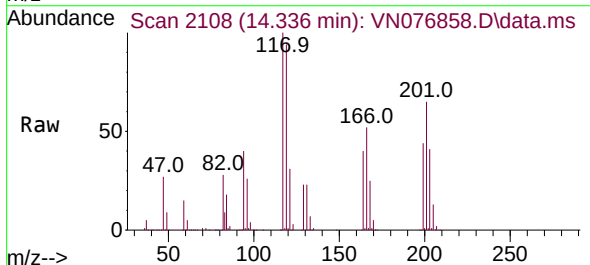
Manual Integrations
APPROVED

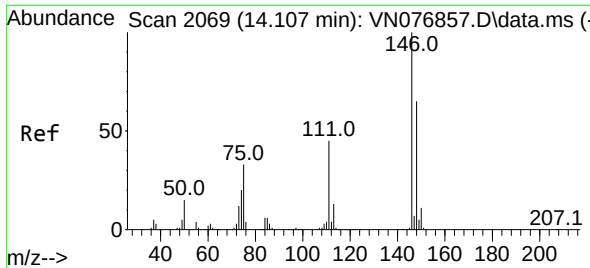
Reviewed By :John Carbone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#90
Hexachloroethane
Concen: 79.715 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

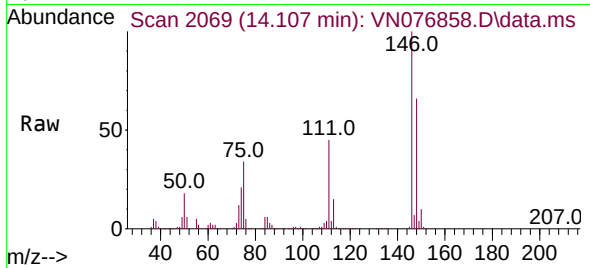
Tgt Ion:117 Resp: 404257
Ion Ratio Lower Upper
117 100
201 67.7 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 75.221 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

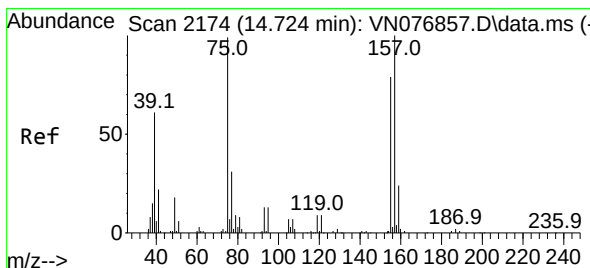
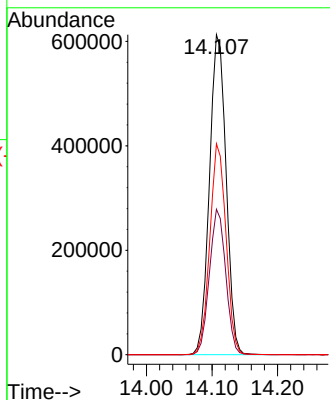
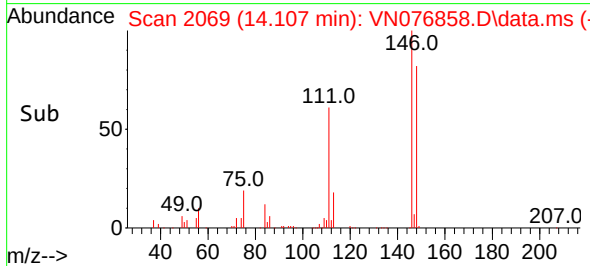
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:146 Resp: 108044
Ion Ratio Lower Upper
146 100
111 44.6 21.4 64.2
148 64.2 32.0 96.0

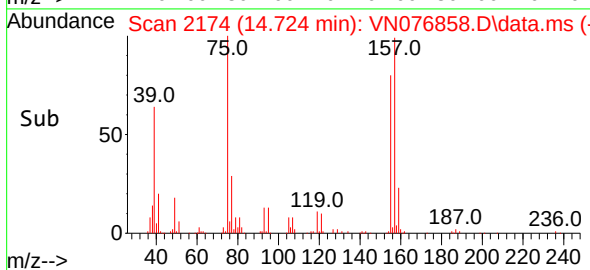
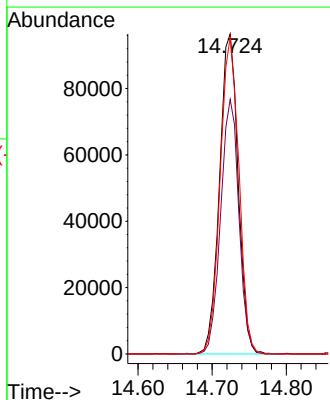
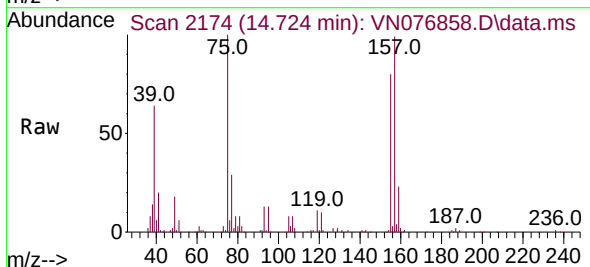
Manual Integrations
APPROVED

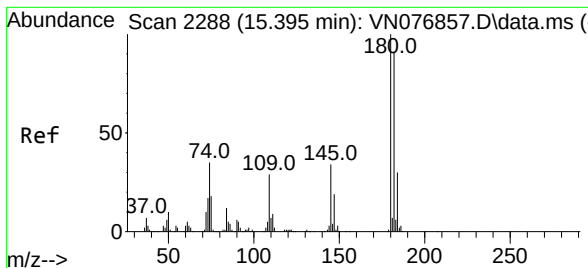
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 78.920 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion: 75 Resp: 168193
Ion Ratio Lower Upper
75 100
155 77.9 44.3 132.8
157 99.5 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 85.533 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:180 Resp: 614620

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.2

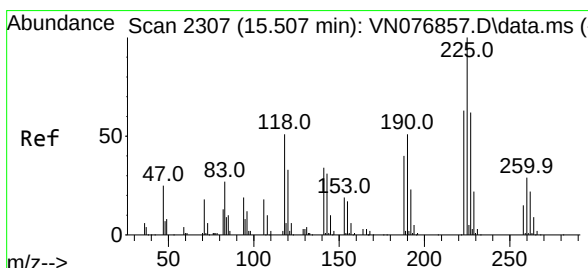
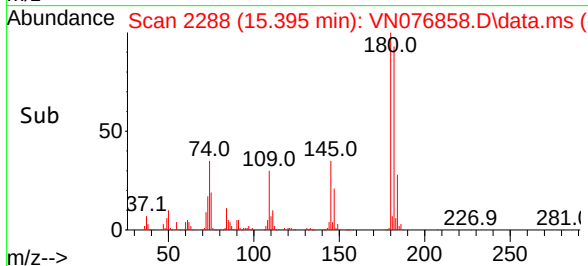
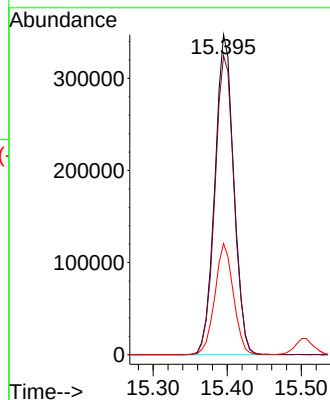
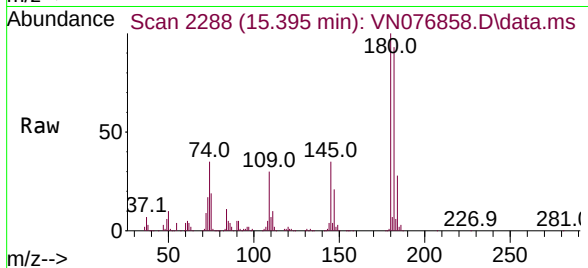
145 34.1 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#94

Hexachlorobutadiene

Concen: 77.924 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076858.D

Acq: 06 Mar 2023 19:39

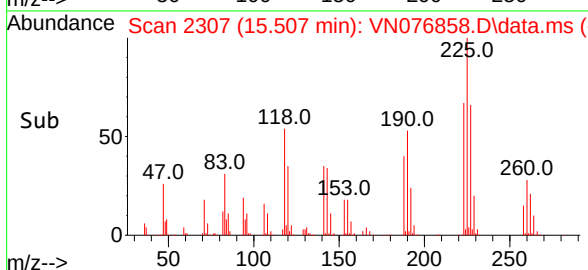
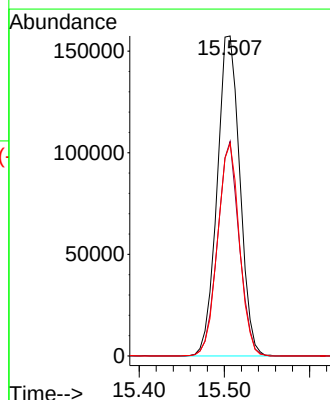
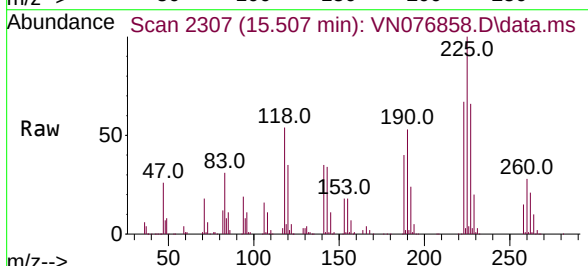
Tgt Ion:225 Resp: 291551

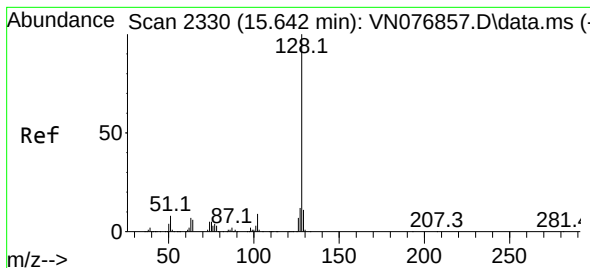
Ion Ratio Lower Upper

225 100

223 63.7 31.4 94.0

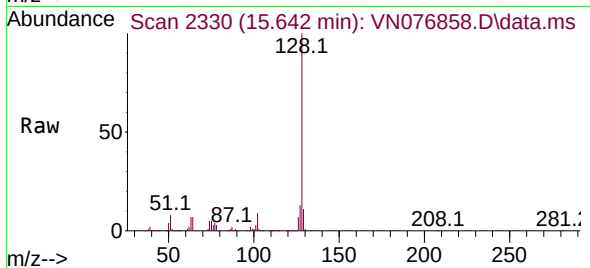
227 63.6 30.9 92.7





#95
Naphthalene
Concen: 90.702 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

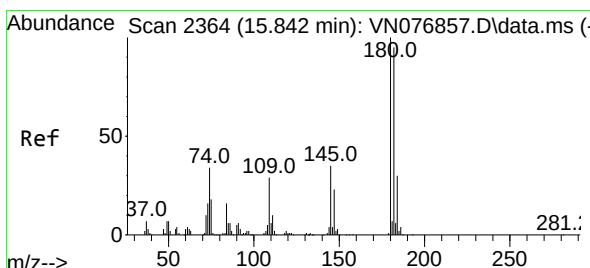
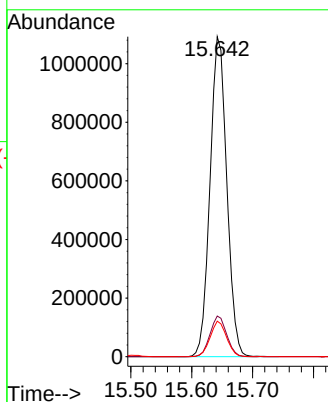
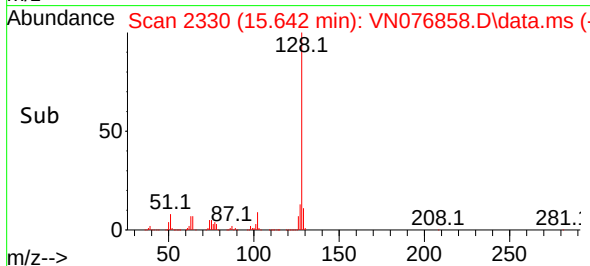
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:128 Resp: 2087704
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 84.948 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076858.D
Acq: 06 Mar 2023 19:39

Tgt Ion:180 Resp: 599970
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 35.3 17.0 51.0

