

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030623\
 Data File : VN076859.D
 Acq On : 06 Mar 2023 20:27
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 07 03:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 01:59:03 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	636415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1127292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	993152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	451967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	866734	97.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.280%#			
35) Dibromofluoromethane	8.172	113	685790	97.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 194.500%#			
50) Toluene-d8	10.572	98	2739953	100.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 201.700%#			
62) 4-Bromofluorobenzene	12.848	95	1005515	106.803	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 213.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	686476	92.700	ug/l	100
3) Chloromethane	2.378	50	844972	86.752	ug/l	94
4) Vinyl Chloride	2.531	62	814178	91.197	ug/l	98
5) Bromomethane	2.931	94	459740	78.370	ug/l	93
6) Chloroethane	3.113	64	492780	94.845	ug/l	100
7) Trichlorofluoromethane	3.502	101	1210731	92.947	ug/l	97
8) Diethyl Ether	3.972	74	492535	98.295	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.384	101	696509	91.450	ug/l	99
10) Methyl Iodide	4.601	142	900191	113.320	ug/l	95
11) Tert butyl alcohol	5.543	59	646558	487.972	ug/l	98
12) 1,1-Dichloroethene	4.349	96	680990	95.887	ug/l	91
13) Acrolein	4.190	56	836389	487.952	ug/l	99
14) Allyl chloride	5.037	41	1144449	96.521	ug/l #	79
15) Acrylonitrile	5.731	53	2056531	482.624	ug/l	99
16) Acetone	4.437	43	1632646	419.184	ug/l	96
17) Carbon Disulfide	4.719	76	1860444	96.493	ug/l	98
18) Methyl Acetate	5.037	43	1283420	96.165	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	2408140	98.882	ug/l	95
20) Methylene Chloride	5.290	84	783626	86.235	ug/l #	84
21) trans-1,2-Dichloroethene	5.801	96	718382	93.552	ug/l	85
22) Diisopropyl ether	6.684	45	2594856	97.274	ug/l #	92
23) Vinyl Acetate	6.613	43	8621665	507.409	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	1437655	94.511	ug/l	97
25) 2-Butanone	7.489	43	2723618	478.714	ug/l #	83
26) 2,2-Dichloropropane	7.495	77	1087682	97.639	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	843892	93.810	ug/l	87
28) Bromochloromethane	7.819	49	596081	92.668	ug/l #	76
29) Tetrahydrofuran	7.842	42	1807647	492.511	ug/l #	78
30) Chloroform	7.972	83	1406036	93.065	ug/l	100
31) Cyclohexane	8.260	56	1332173	88.381	ug/l	84
32) 1,1,1-Trichloroethane	8.172	97	1248146	95.402	ug/l	98
36) 1,1-Dichloropropene	8.378	75	1085984	95.813	ug/l	95
37) Ethyl Acetate	7.566	43	1091924	93.855	ug/l	94
38) Carbon Tetrachloride	8.366	117	1073021	93.190	ug/l	98
39) Methylcyclohexane	9.607	83	1391217	99.581	ug/l #	85
40) Benzene	8.613	78	3222448	93.332	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	631796	99.446	ug/l #	82
42) 1,2-Dichloroethane	8.678	62	1081288	89.902	ug/l	96
43) Isopropyl Acetate	8.695	43	1823913	102.406	ug/l #	89
44) Trichloroethene	9.354	130	796338	97.276	ug/l	99
45) 1,2-Dichloropropane	9.625	63	840296	94.179	ug/l	99
46) Dibromomethane	9.713	93	528044	93.180	ug/l	99
47) Bromodichloromethane	9.889	83	1121499	96.265	ug/l	97
48) Methyl methacrylate	9.683	41	884061	102.150	ug/l #	78
49) 1,4-Dioxane	9.695	88	294211	1854.732	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	5617850	500.065	ug/l	91
52) Toluene	10.636	92	2003184	97.439	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	1224445	108.427	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	1336587	103.041	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	772401	94.447	ug/l	98
56) Ethyl methacrylate	10.878	69	1307180	107.277	ug/l #	82
57) 1,3-Dichloropropane	11.166	76	1365643	96.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	2284852	541.181	ug/l	91
59) 2-Hexanone	11.201	43	4053131	497.892	ug/l	90
60) Dibromochloromethane	11.360	129	810884	100.621	ug/l	99
61) 1,2-Dibromoethane	11.472	107	782721	99.578	ug/l	99
64) Tetrachloroethene	11.107	164	746947	101.063	ug/l	97
65) Chlorobenzene	11.895	112	2041788	95.131	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	749092	96.483	ug/l	99
67) Ethyl Benzene	11.966	91	3933258	100.926	ug/l	97
68) m/p-Xylenes	12.077	106	2941282	200.599	ug/l	93
69) o-Xylene	12.401	106	1456118	100.846	ug/l	91
70) Styrene	12.413	104	2411626	106.529	ug/l	96
71) Bromoform	12.583	173	560947	106.145	ug/l #	99
73) Isopropylbenzene	12.695	105	3829306	97.199	ug/l	96
74) N-amyl acetate	12.495	43	1584521	102.838	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.942	83	1065888	84.421	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	1009302m	88.547	ug/l	
77) Bromobenzene	12.983	156	813872	93.355	ug/l	87
78) n-propylbenzene	13.036	91	4543339	101.127	ug/l	96
79) 2-Chlorotoluene	13.130	91	2718934	94.343	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	3262429	98.804	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	352598	102.020	ug/l	88
82) 4-Chlorotoluene	13.224	91	2639986	96.625	ug/l	92
83) tert-Butylbenzene	13.442	119	2756160	97.681	ug/l	92
84) 1,2,4-Trimethylbenzene	13.483	105	3241820	99.532	ug/l	94
85) sec-Butylbenzene	13.618	105	4036638	102.467	ug/l	97
86) p-Isopropyltoluene	13.730	119	3329721	105.674	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	1541575	96.843	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	1518062	93.920	ug/l	98
89) n-Butylbenzene	14.060	91	2976732	109.352	ug/l	97
90) Hexachloroethane	14.336	117	577680	101.472	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	1511954	93.766	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	246879	103.191	ug/l	87
93) 1,2,4-Trichlorobenzene	15.395	180	899330	111.486	ug/l	99
94) Hexachlorobutadiene	15.507	225	411477	97.966	ug/l	99
95) Naphthalene	15.642	128	3026460	117.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	858912	108.330	ug/l	99

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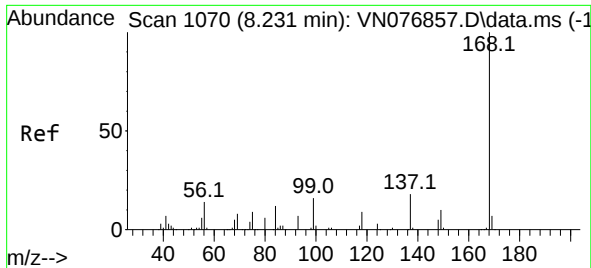
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 03/07/2023

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Quant Title : SW846 8260
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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



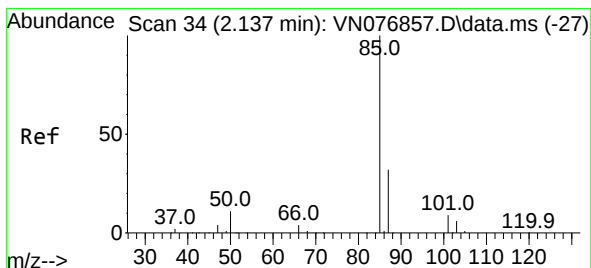
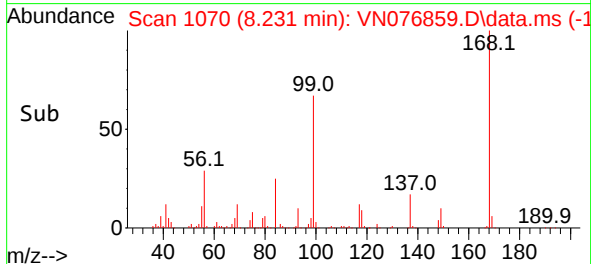
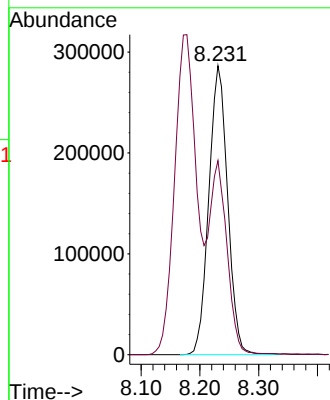
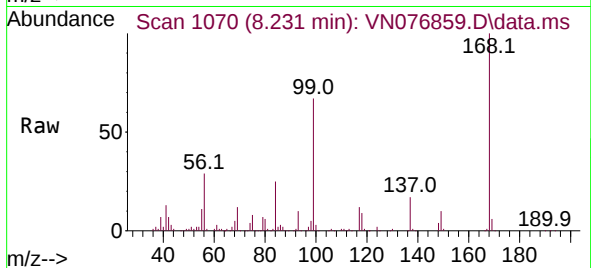
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076859.D
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MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 636415
Ion Ratio Lower Upper
168 100
99 66.9 48.6 73.0

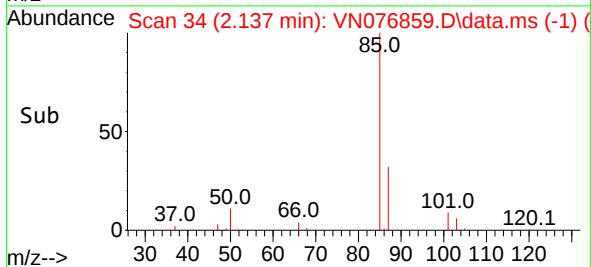
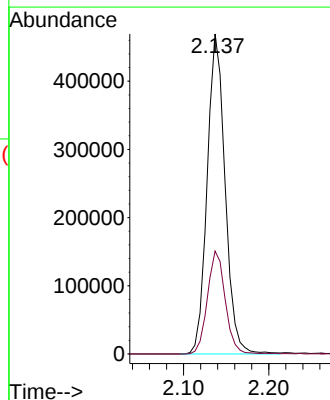
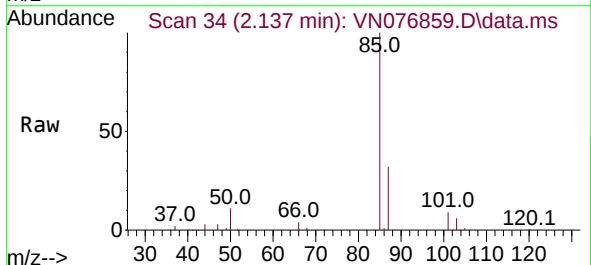
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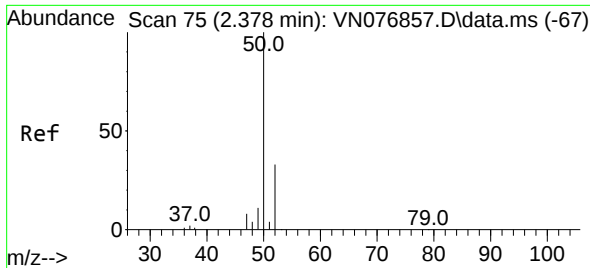
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#2
Dichlorodifluoromethane
Concen: 92.700 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 85 Resp: 686476
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





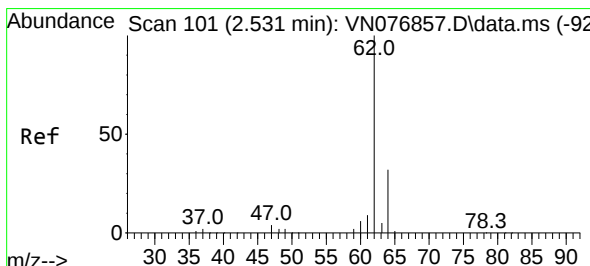
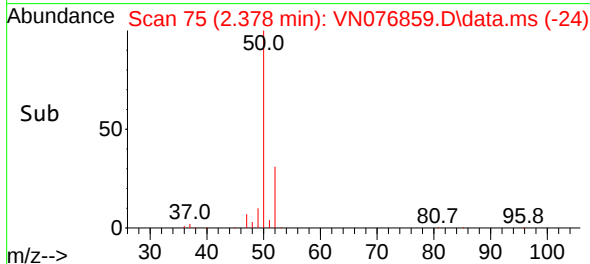
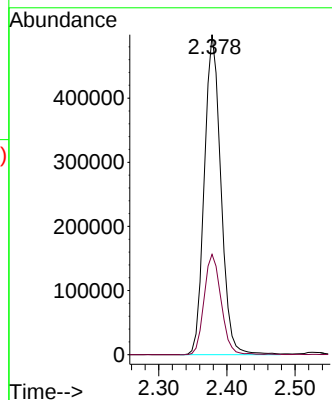
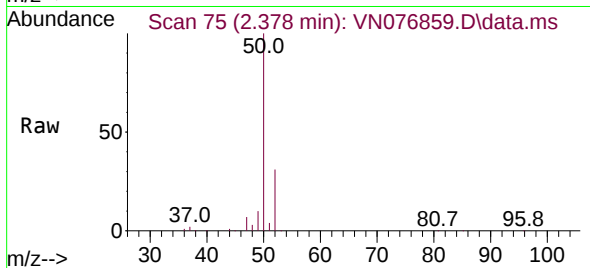
#3
Chloromethane
Concen: 86.752 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 844972
Ion Ratio Lower Upper
50 100
52 31.4 27.9 41.9

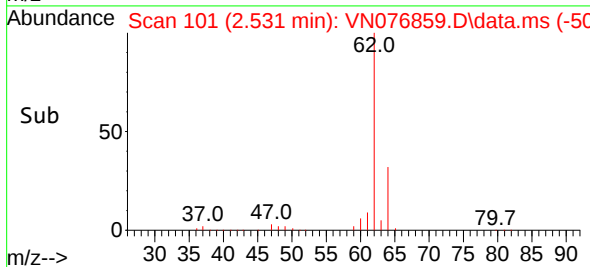
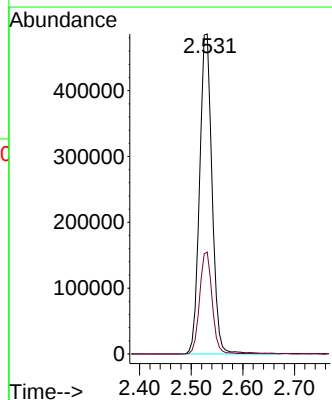
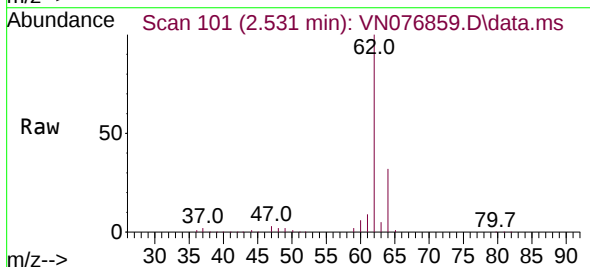
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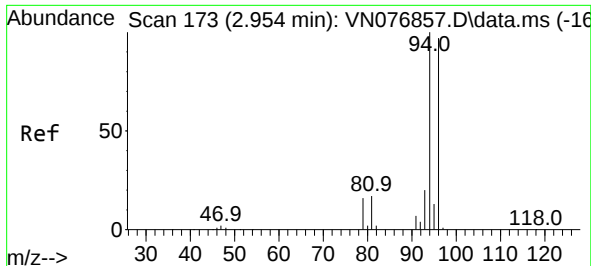
Reviewed By :John Carlone 03/07/2023
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#4
Vinyl Chloride
Concen: 91.197 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

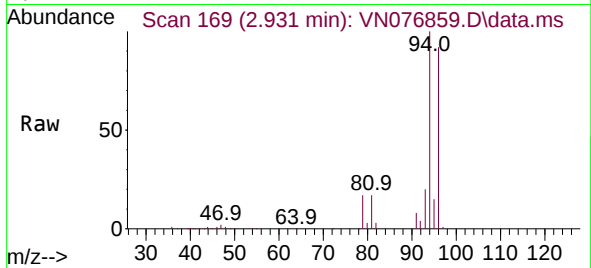
Tgt Ion: 62 Resp: 814178
Ion Ratio Lower Upper
62 100
64 31.8 24.5 36.7





#5
Bromomethane
Concen: 78.370 ug/l
RT: 2.931 min Scan# 10
Delta R.T. -0.023 min
Lab File: VN076859.D
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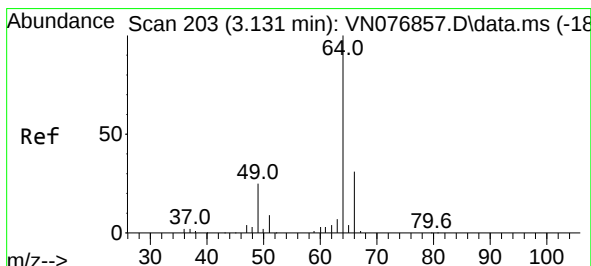
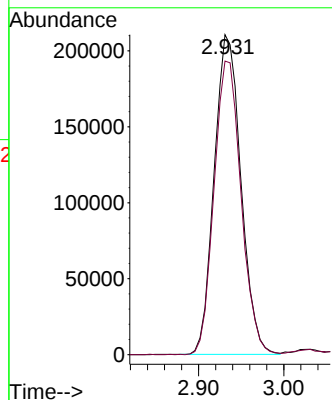
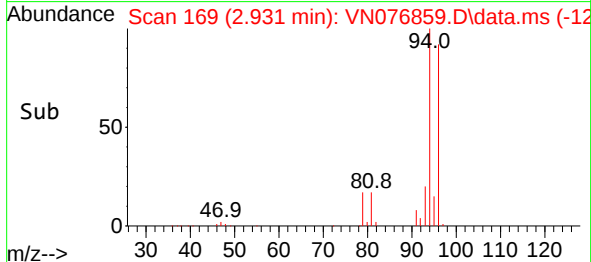
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Tgt Ion: 94 Resp: 459740
Ion Ratio Lower Upper
94 100
96 91.8 79.0 118.6

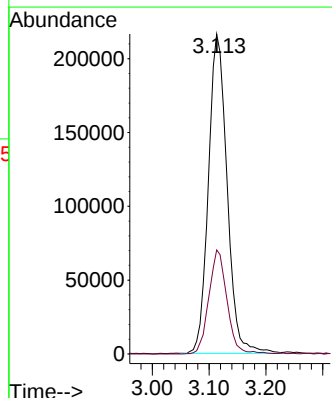
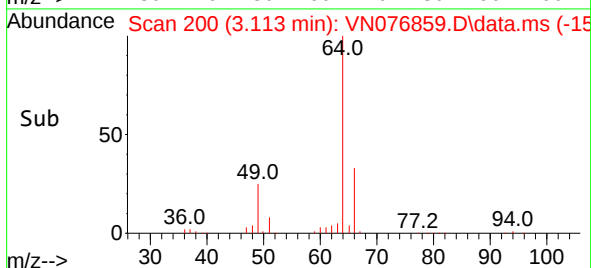
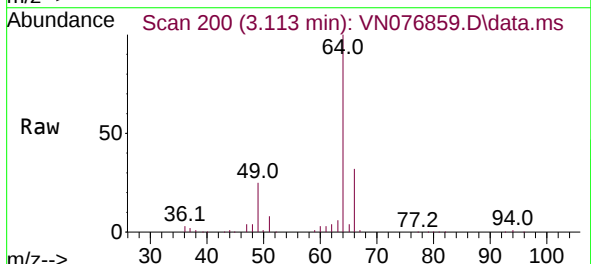
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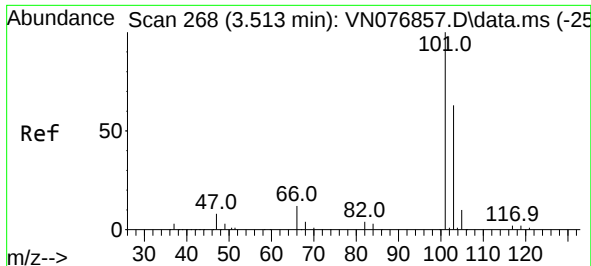
Reviewed By :John Carlone 03/07/2023
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#6
Chloroethane
Concen: 94.845 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.018 min
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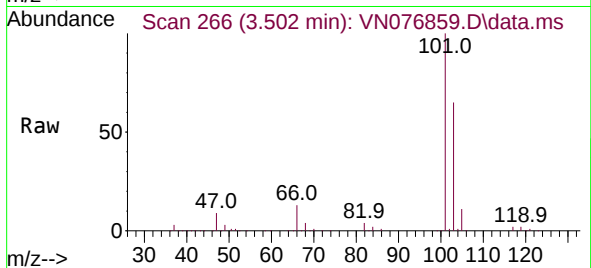
Tgt Ion: 64 Resp: 492780
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 92.947 ug/l
 RT: 3.502 min Scan# 266
 Delta R.T. -0.011 min
 Lab File: VN076859.D
 Acq: 06 Mar 2023 20:27

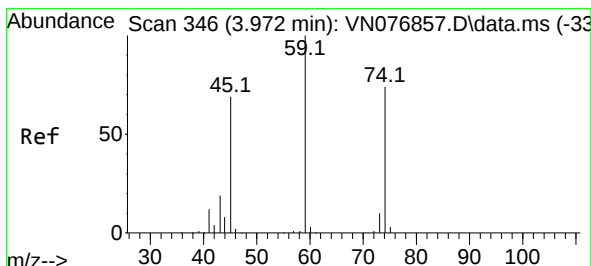
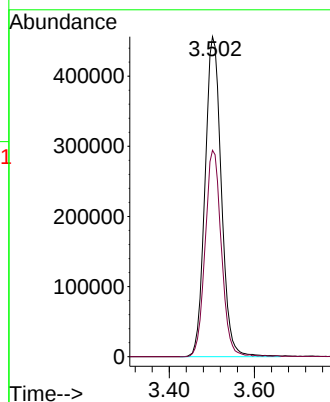
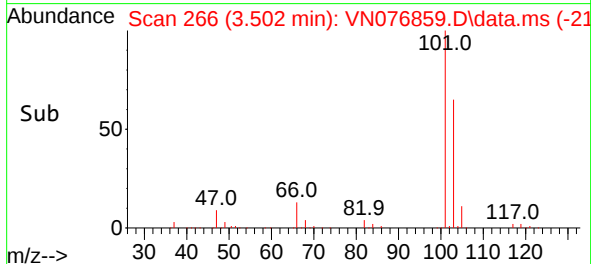
Instrument :
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 ClientSampleId :
 VSTDICC100



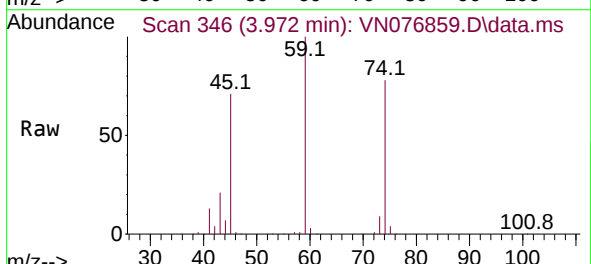
Tgt Ion:101 Resp: 121073
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.0

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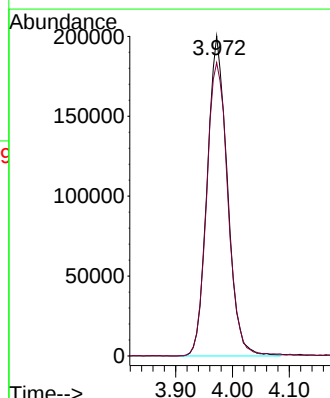
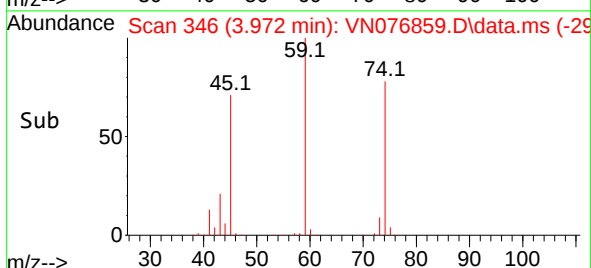
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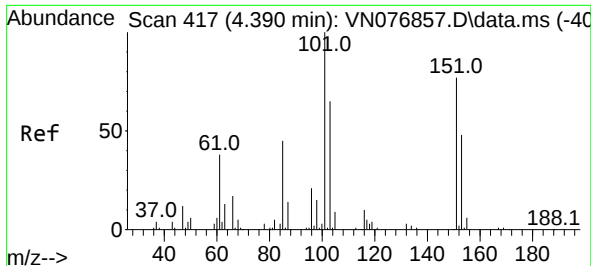


#8
 Diethyl Ether
 Concen: 98.295 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN076859.D
 Acq: 06 Mar 2023 20:27



Tgt Ion: 74 Resp: 492535
 Ion Ratio Lower Upper
 74 100
 45 97.1 35.5 106.5





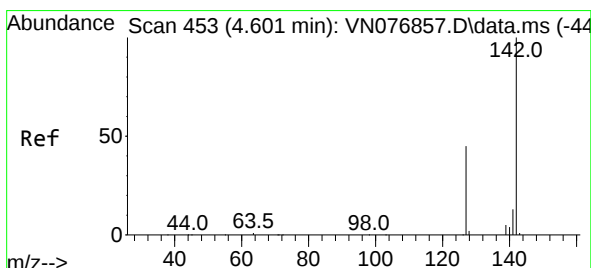
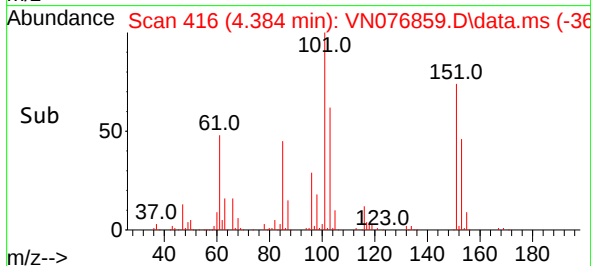
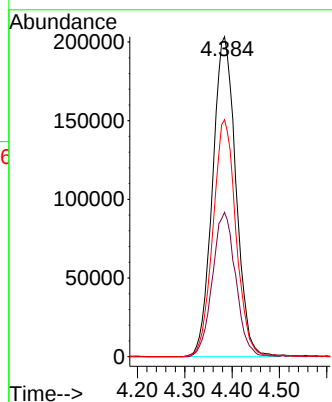
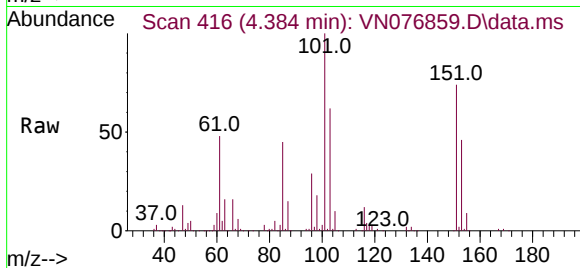
#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.450 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 696509
Ion Ratio Lower Upper
101 100
85 44.9 35.2 52.8
151 73.0 58.9 88.3

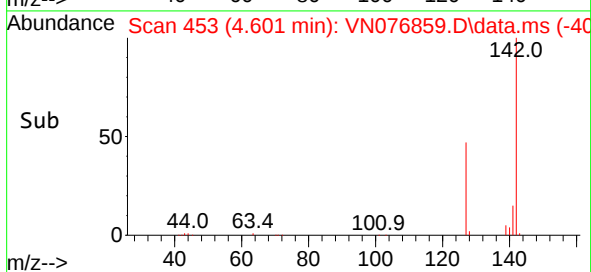
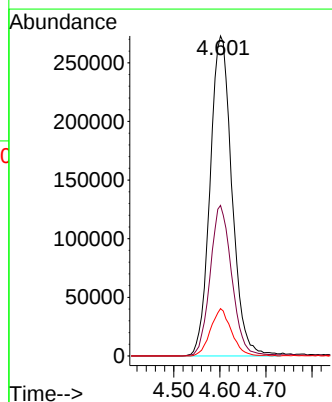
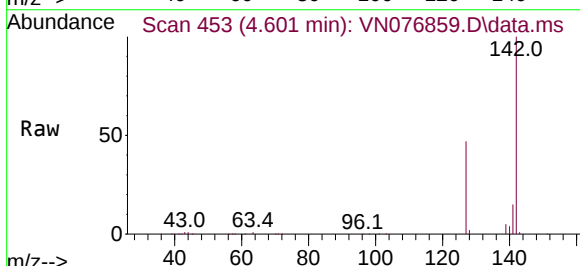
Manual Integrations
APPROVED

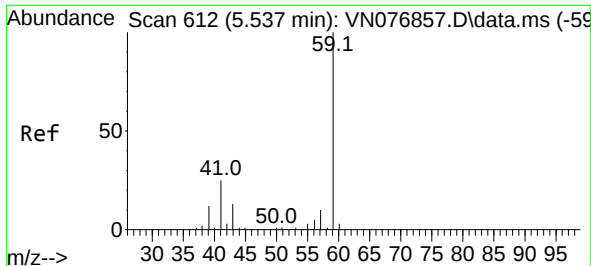
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#10
Methyl Iodide
Concen: 113.320 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion:142 Resp: 900191
Ion Ratio Lower Upper
142 100
127 47.1 35.2 52.8
141 14.8 10.2 15.2





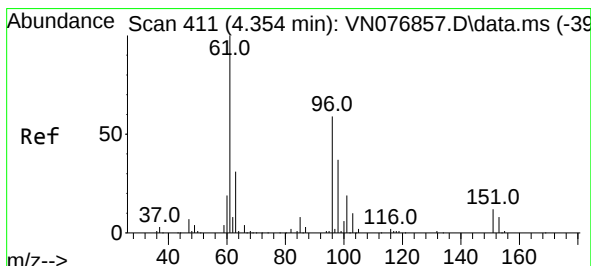
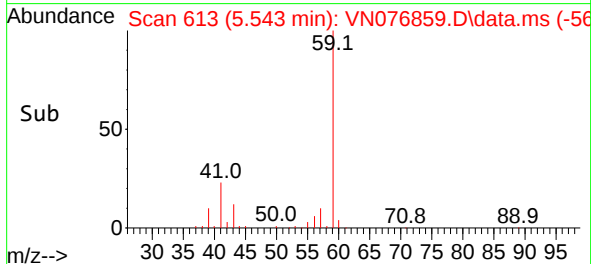
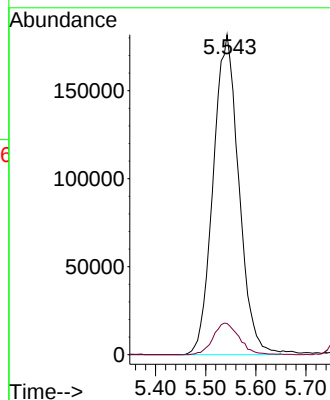
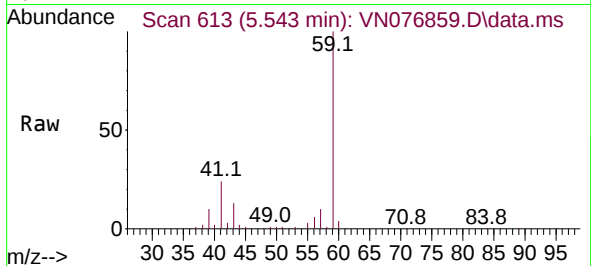
#11
Tert butyl alcohol
Concen: 487.972 ug/l
RT: 5.543 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 646558
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

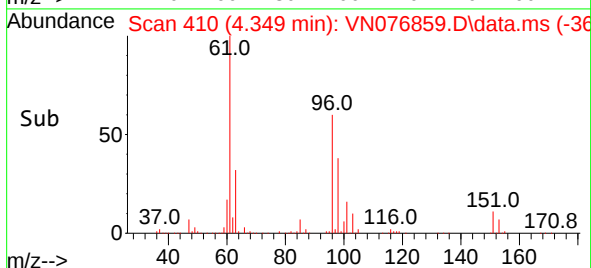
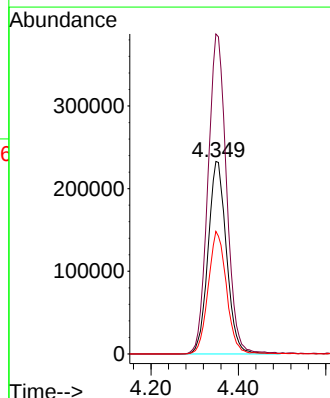
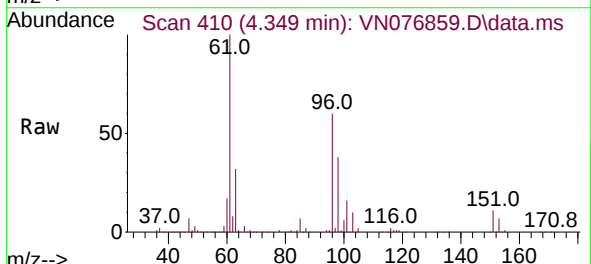
Manual Integrations
APPROVED

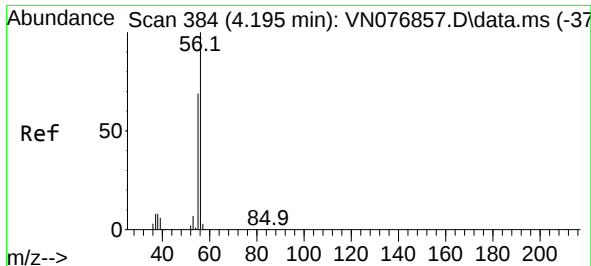
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#12
1,1-Dichloroethene
Concen: 95.887 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.005 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

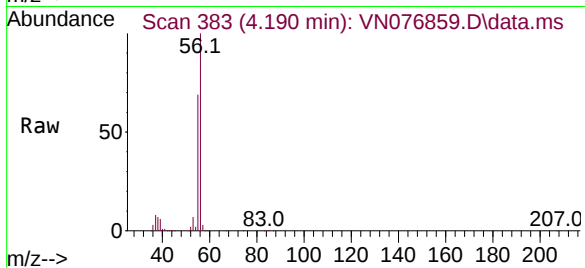
Tgt Ion: 96 Resp: 680990
Ion Ratio Lower Upper
96 100
61 166.3 121.3 181.9
98 63.7 52.1 78.1





#13
Acrolein
Concen: 487.952 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.005 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

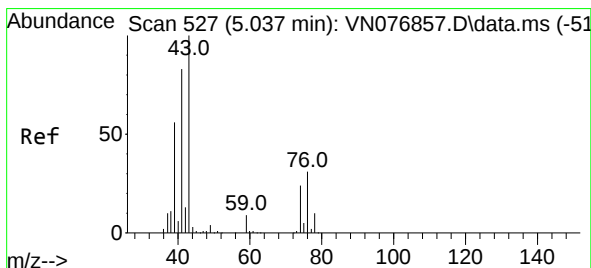
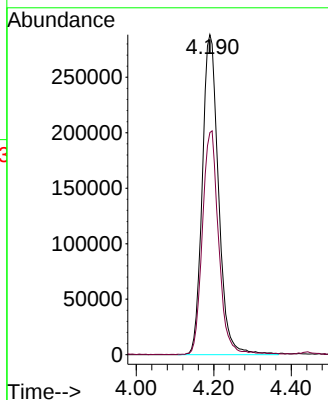
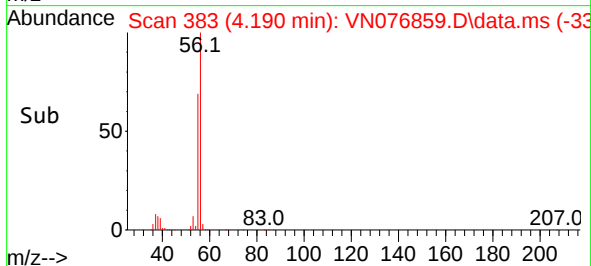
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 836389
Ion Ratio Lower Upper
56 100
55 69.8 56.7 85.1

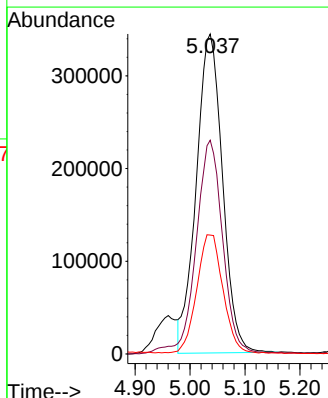
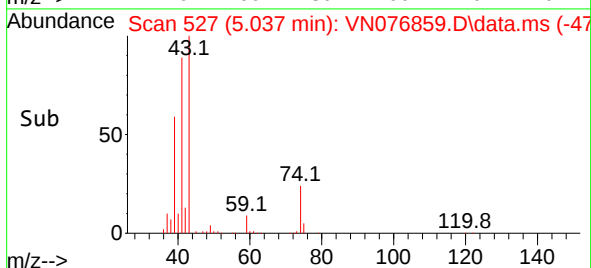
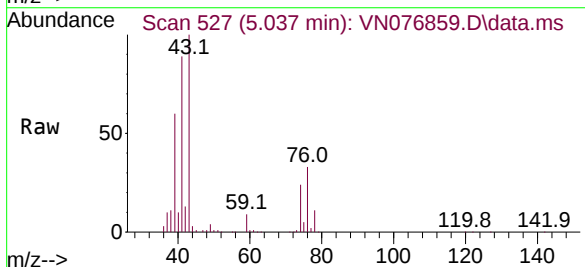
Manual Integrations
APPROVED

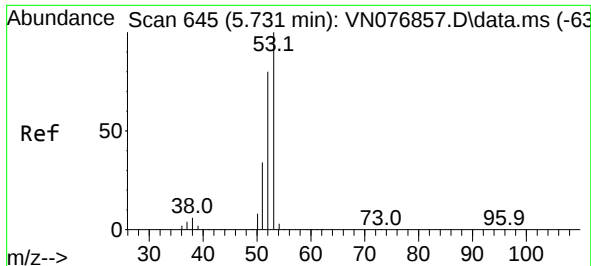
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#14
Allyl chloride
Concen: 96.521 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

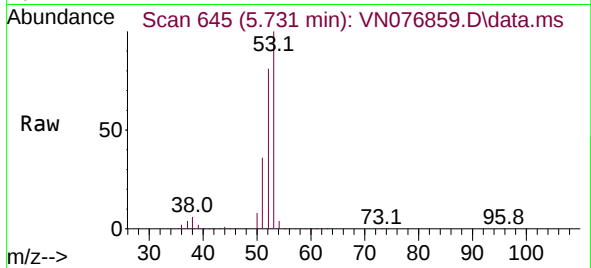
Tgt Ion: 41 Resp: 1144449
Ion Ratio Lower Upper
41 100
39 68.4 68.1 102.1
76 36.7 44.1 66.1#





#15
Acrylonitrile
Concen: 482.624 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

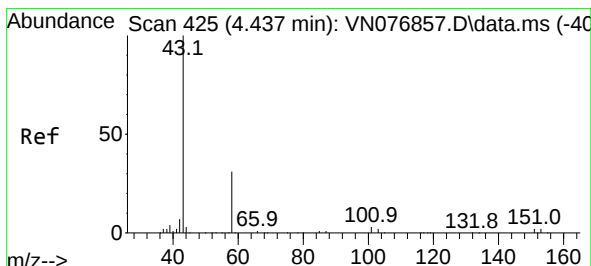
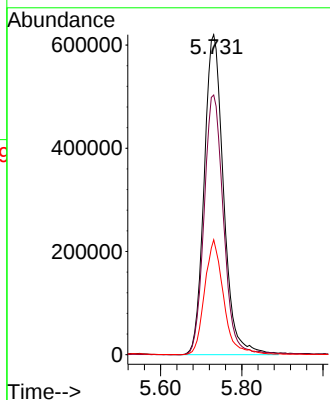
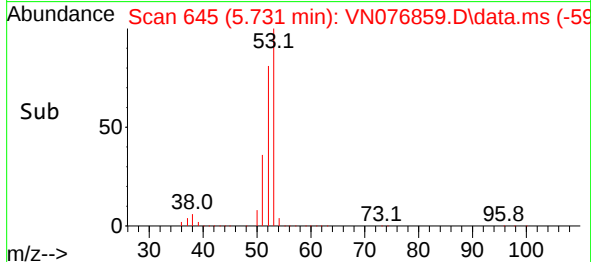
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 205653
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.2 28.8 43.2

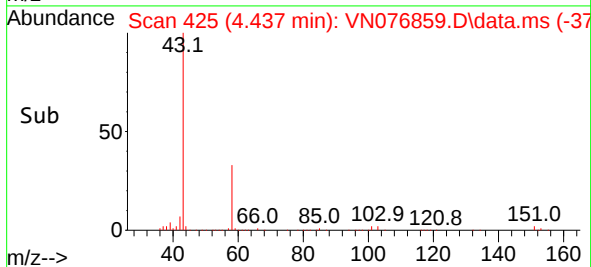
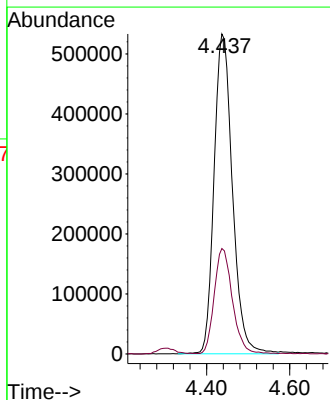
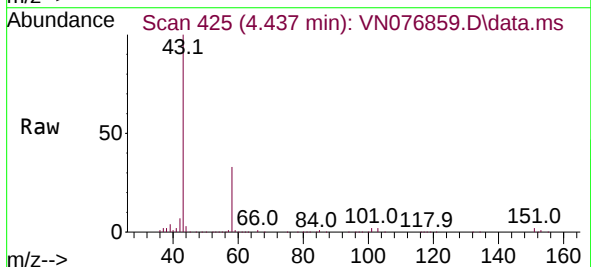
Manual Integrations
APPROVED

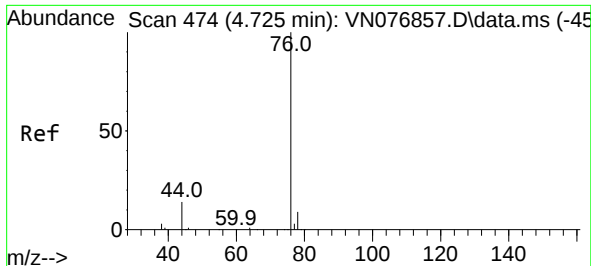
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#16
Acetone
Concen: 419.184 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

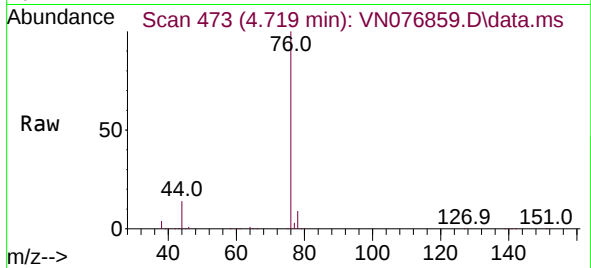
Tgt Ion: 43 Resp: 1632646
Ion Ratio Lower Upper
43 100
58 32.8 28.2 42.2





#17
Carbon Disulfide
Concen: 96.493 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

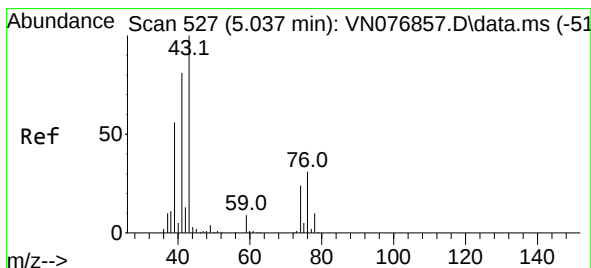
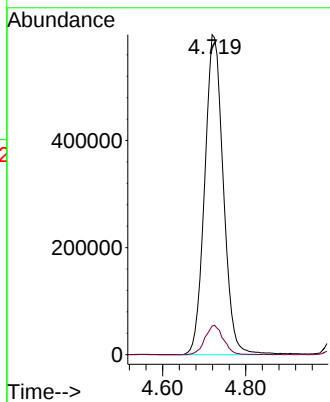
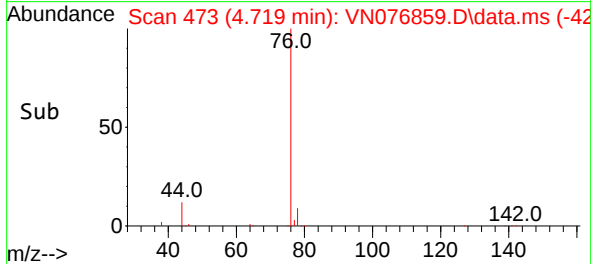
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 186044
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

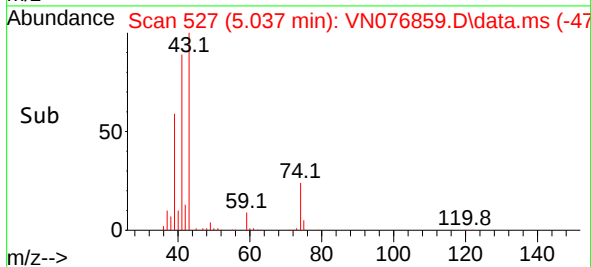
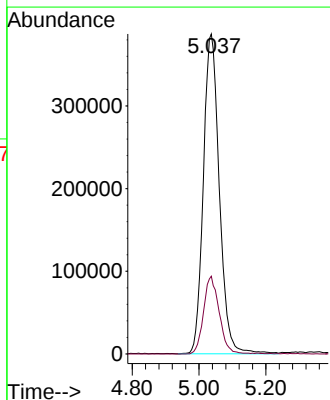
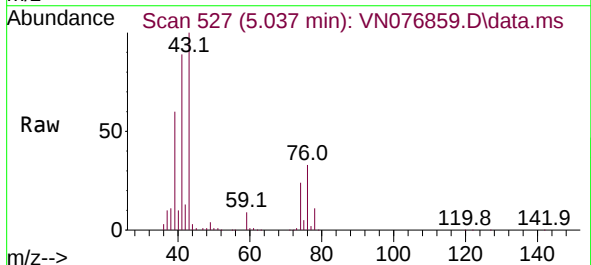
Manual Integrations
APPROVED

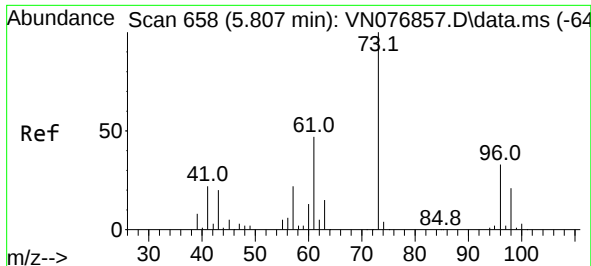
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#18
Methyl Acetate
Concen: 96.165 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 43 Resp: 1283420
Ion Ratio Lower Upper
43 100
74 23.7 25.9 38.9#





#19

Methyl tert-butyl Ether

Concen: 98.882 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 73 Resp: 240814

Ion Ratio Lower Upper

73 100

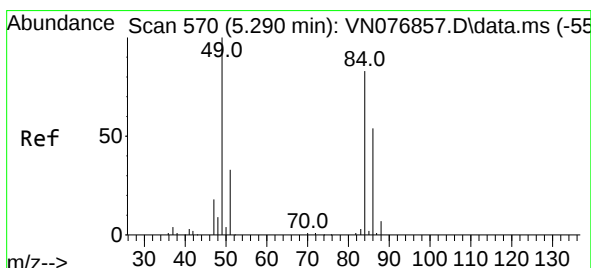
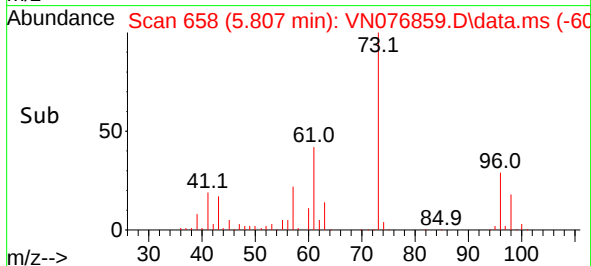
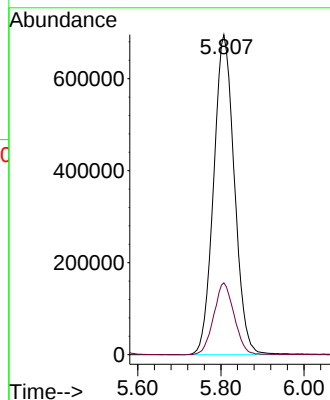
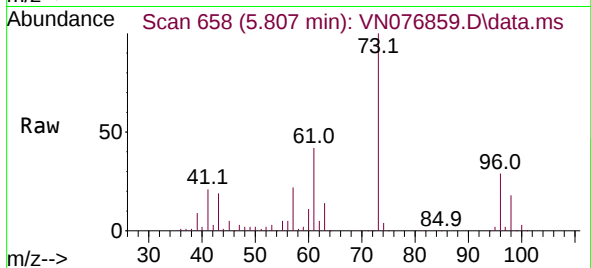
57 22.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#20

Methylene Chloride

Concen: 86.235 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Tgt Ion: 84 Resp: 783626

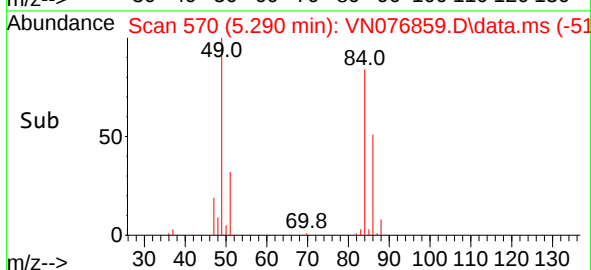
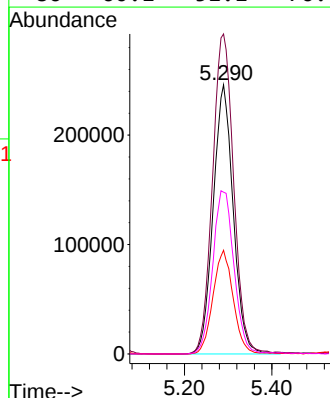
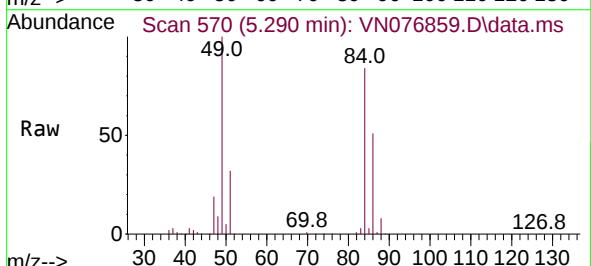
Ion Ratio Lower Upper

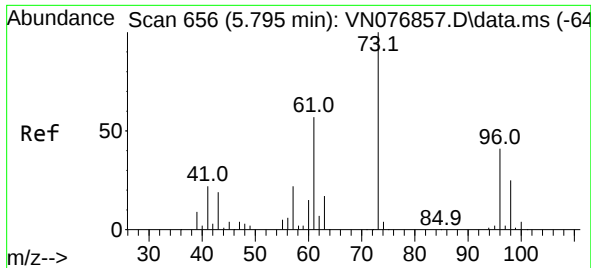
84 100

49 118.9 76.6 114.8#

51 38.5 25.4 38.2#

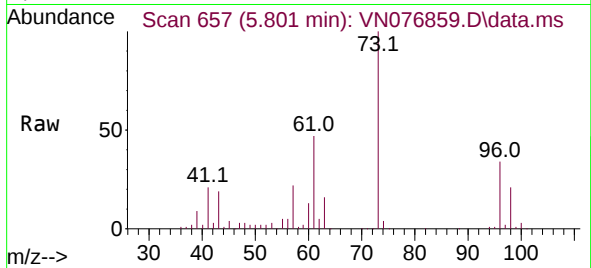
86 60.1 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 93.552 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

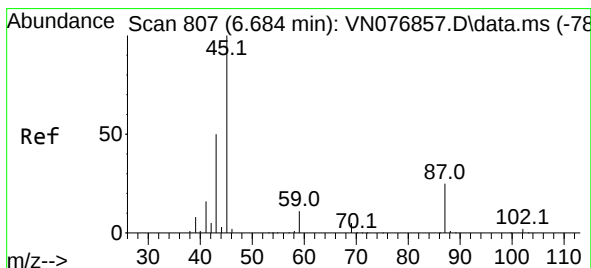
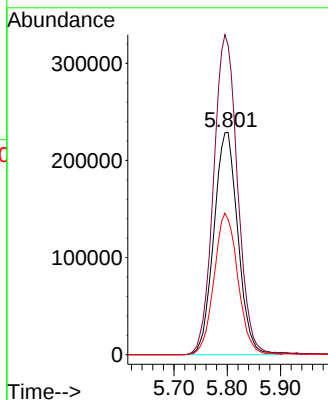
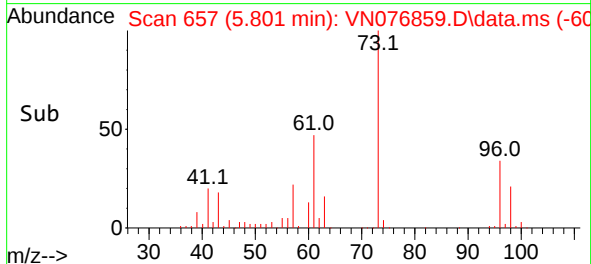
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 71838
Ion Ratio Lower Upper
96 100
61 139.2 95.0 142.6
98 60.9 54.5 81.7

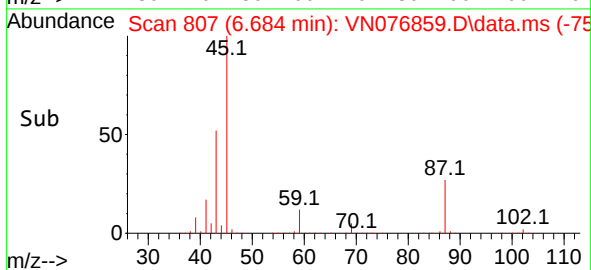
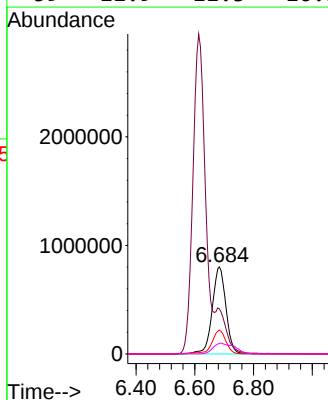
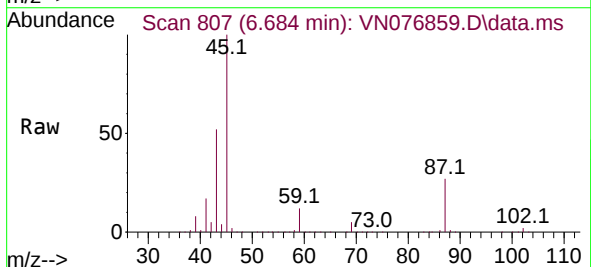
Manual Integrations
APPROVED

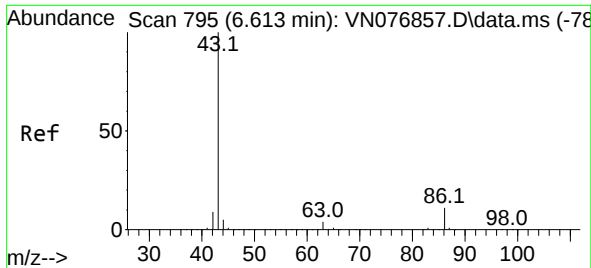
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#22
Diisopropyl ether
Concen: 97.274 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 45 Resp: 2594856
Ion Ratio Lower Upper
45 100
43 51.8 42.6 63.8
87 27.4 29.7 44.5#
59 11.9 11.3 16.9





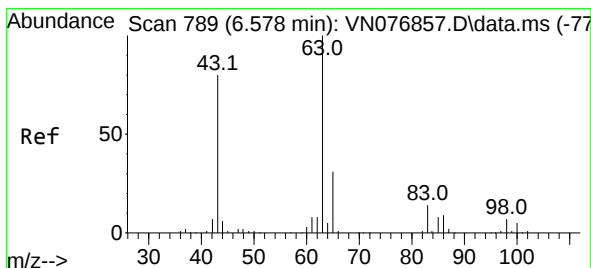
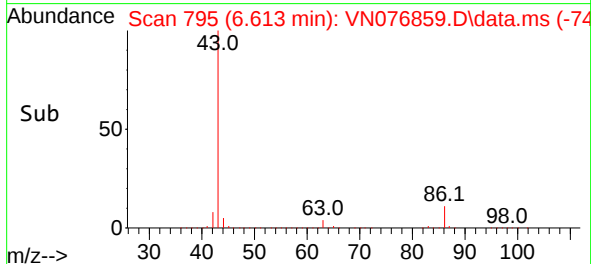
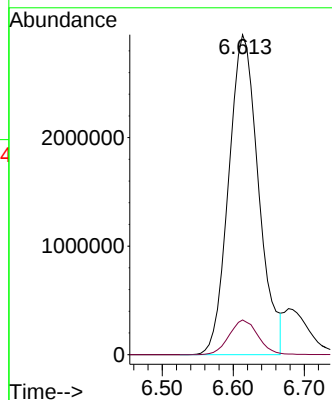
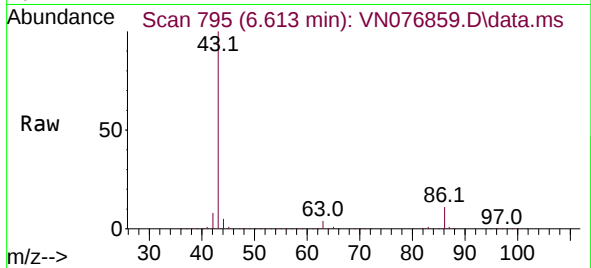
#23
Vinyl Acetate
Concen: 507.409 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 862166
Ion Ratio Lower Upper
43 100
86 10.8 11.8 17.6

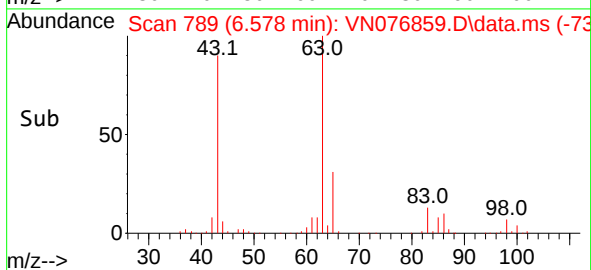
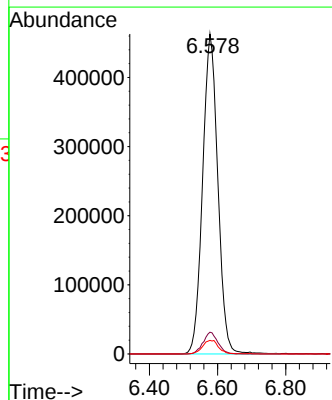
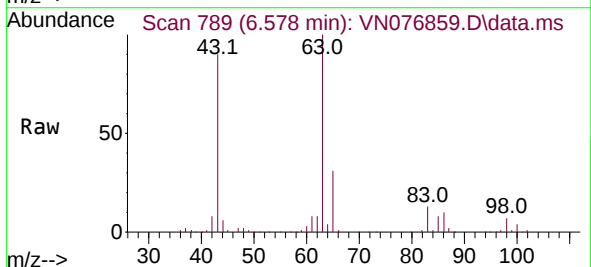
Manual Integrations
APPROVED

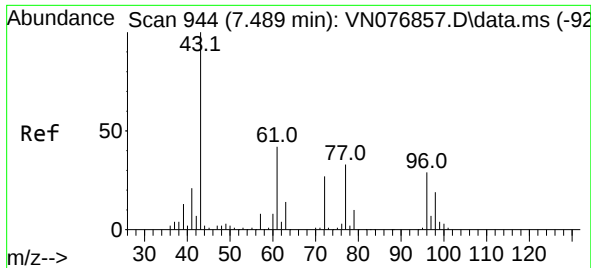
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#24
1,1-Dichloroethane
Concen: 94.511 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 63 Resp: 1437655
Ion Ratio Lower Upper
63 100
98 6.8 4.2 12.6
100 4.2 2.2 6.6





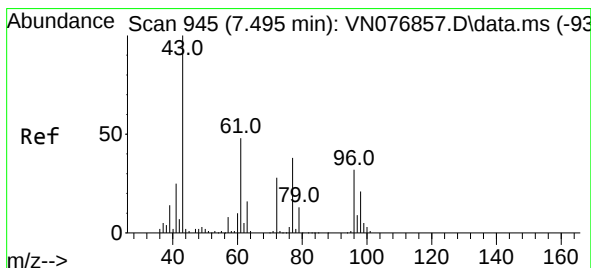
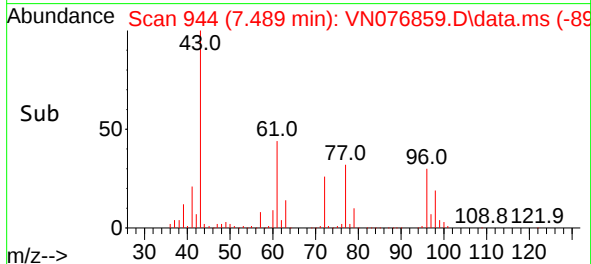
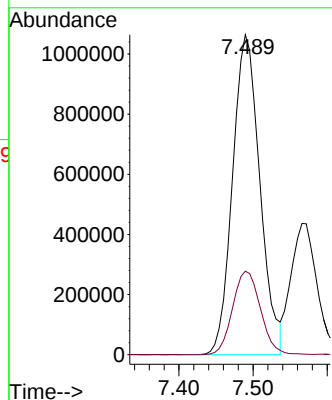
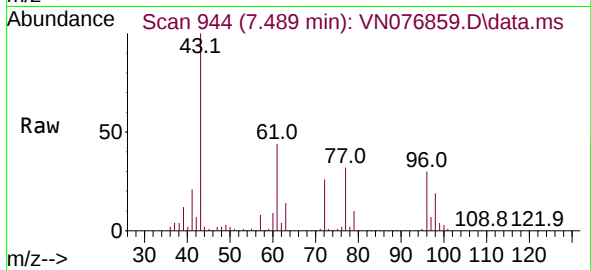
#25
2-Butanone
Concen: 478.714 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 2723618
Ion Ratio Lower Upper
43 100
72 26.1 28.8 43.2

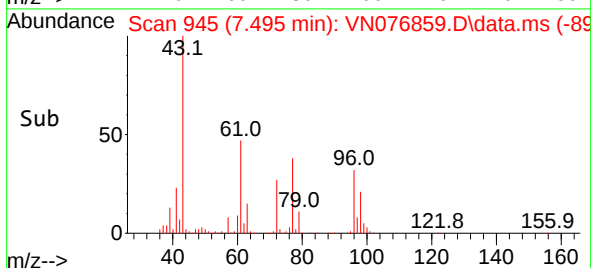
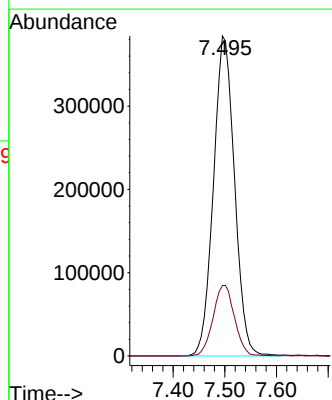
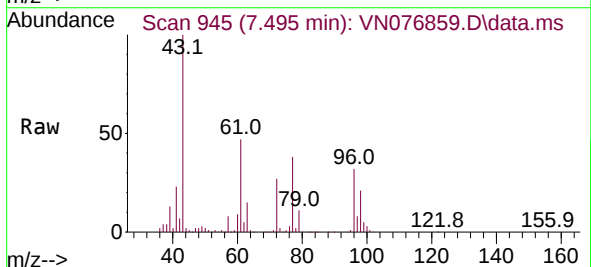
Manual Integrations
APPROVED

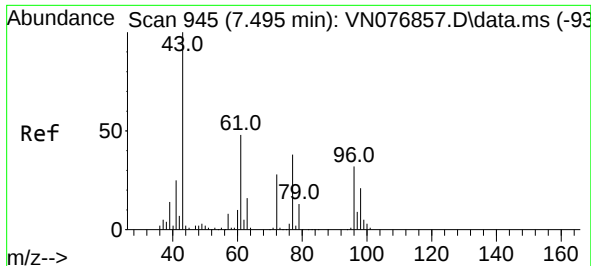
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#26
2,2-Dichloropropane
Concen: 97.639 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 77 Resp: 1087682
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 93.810 ug/l

RT: 7.495 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 84389

Ion Ratio Lower Upper

96 100

61 150.3 0.0 255.6

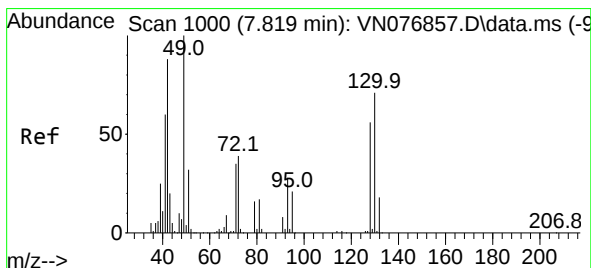
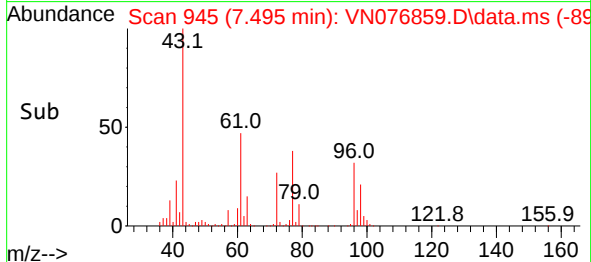
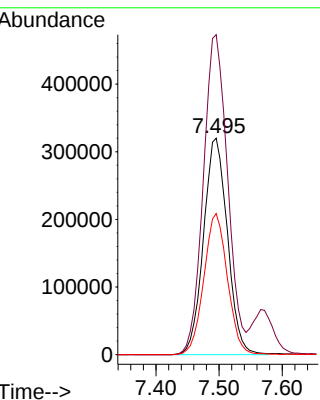
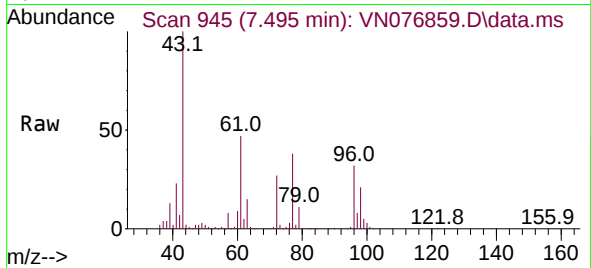
98 64.4 0.0 127.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#28

Bromochloromethane

Concen: 92.668 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

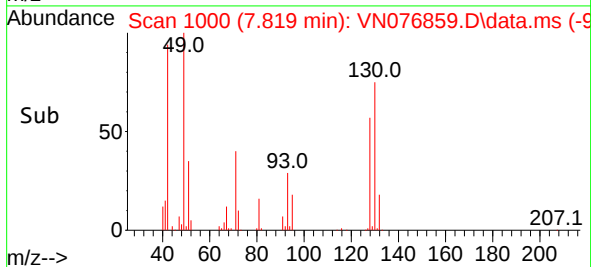
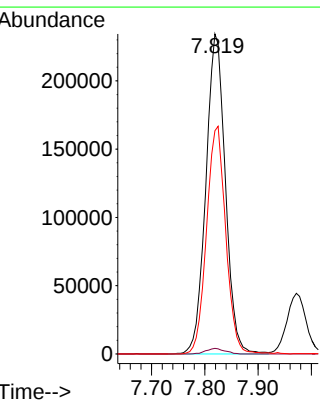
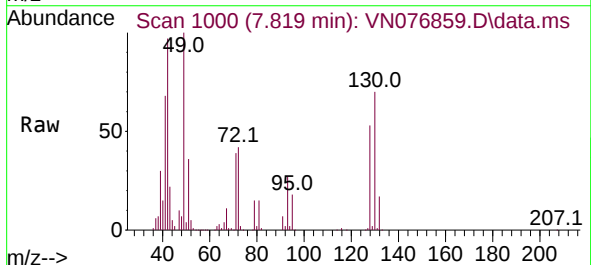
Tgt Ion: 49 Resp: 596081

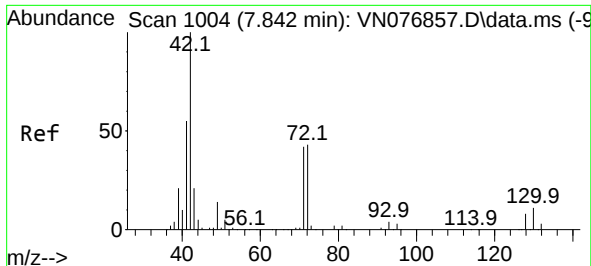
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.6

130 70.0 74.8 112.2#





#29

Tetrahydrofuran

Concen: 492.511 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 180764

Ion Ratio Lower Upper

42 100

72 43.3 48.6 73.0

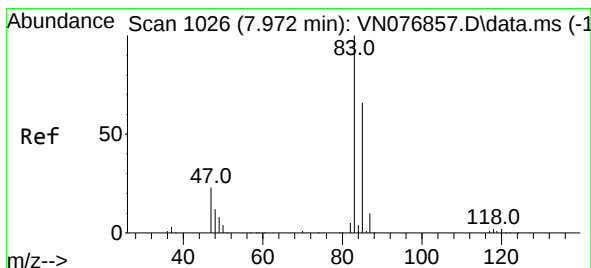
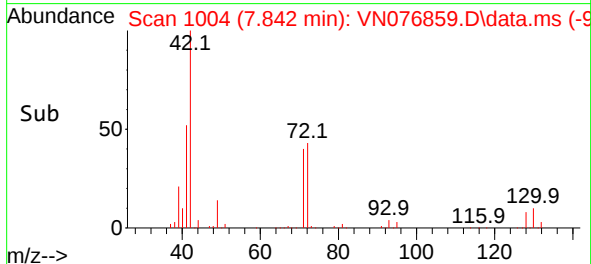
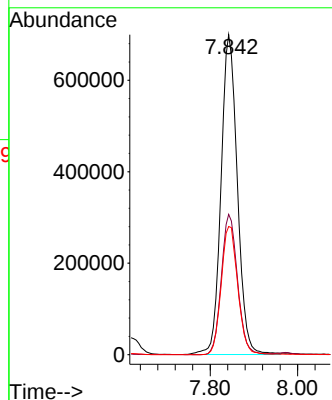
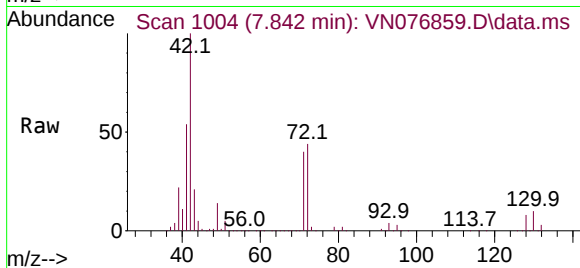
71 40.6 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#30

Chloroform

Concen: 93.065 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076859.D

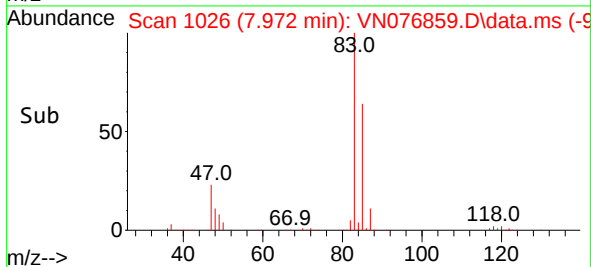
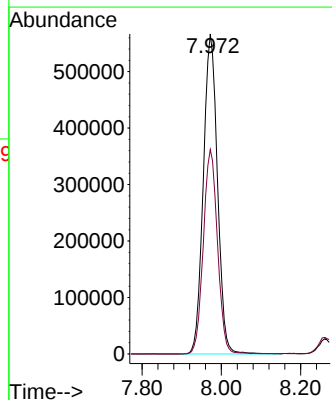
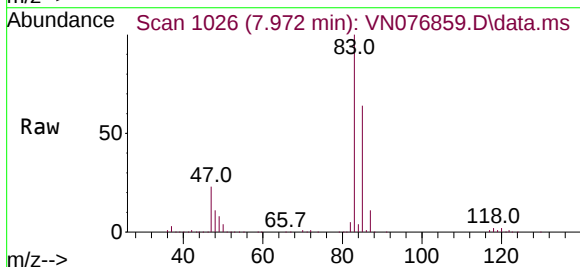
Acq: 06 Mar 2023 20:27

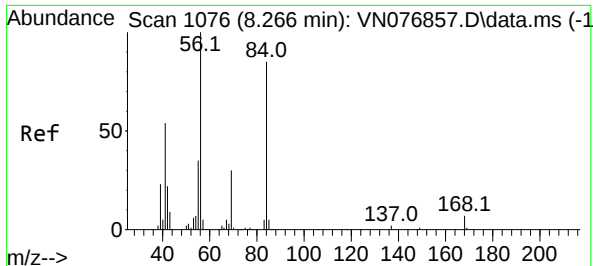
Tgt Ion: 83 Resp: 1406036

Ion Ratio Lower Upper

83 100

85 63.9 51.3 76.9





#31

Cyclohexane

Concen: 88.381 ug/l

RT: 8.260 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 133217

Ion Ratio Lower Upper

56 100

69 30.5 27.0 40.6

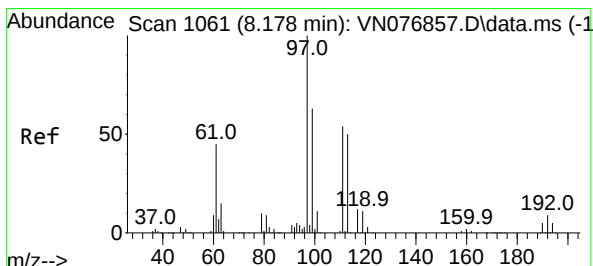
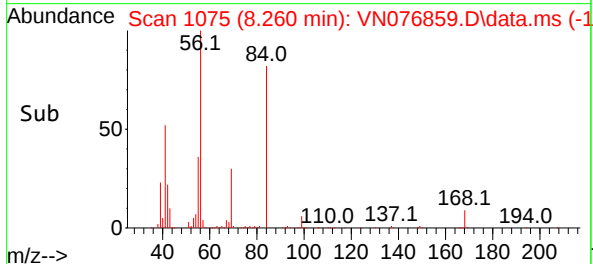
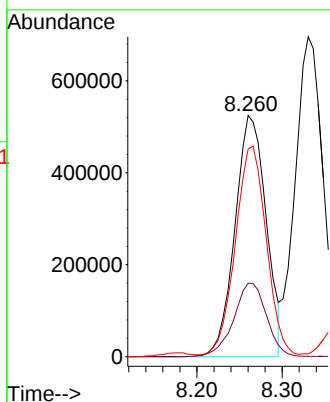
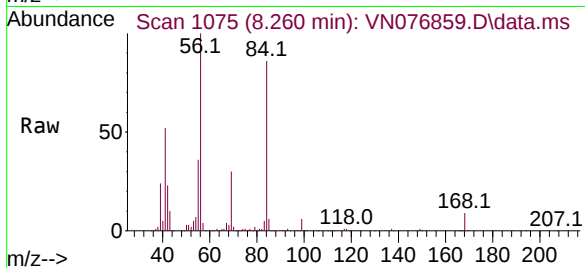
84 84.5 82.9 124.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#32

1,1,1-Trichloroethane

Concen: 95.402 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

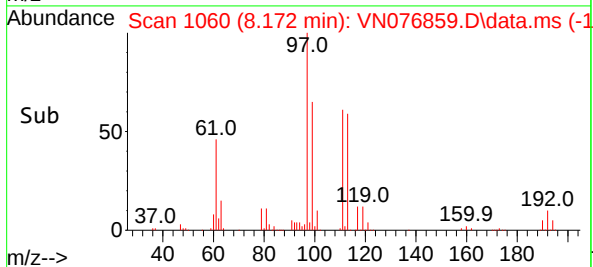
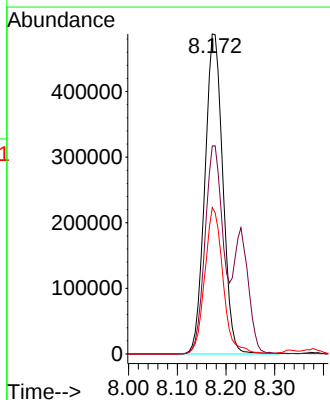
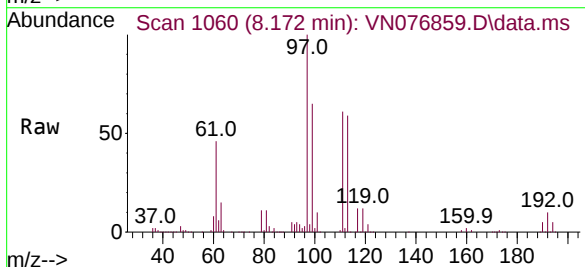
Tgt Ion: 97 Resp: 1248146

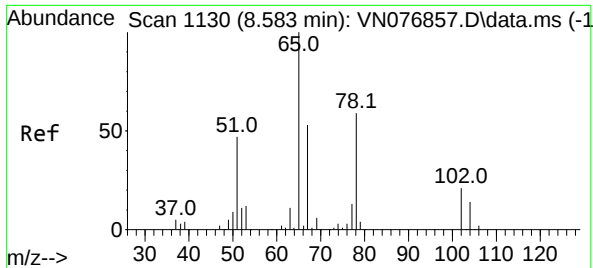
Ion Ratio Lower Upper

97 100

99 65.7 51.2 76.8

61 46.3 35.7 53.5





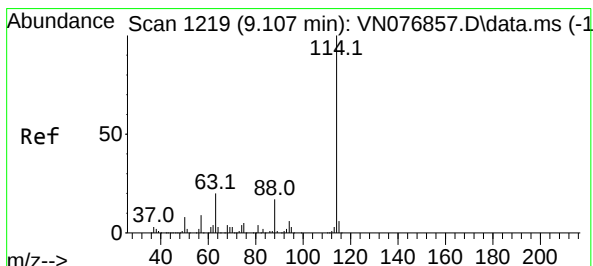
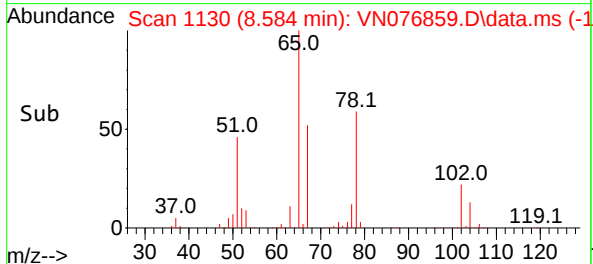
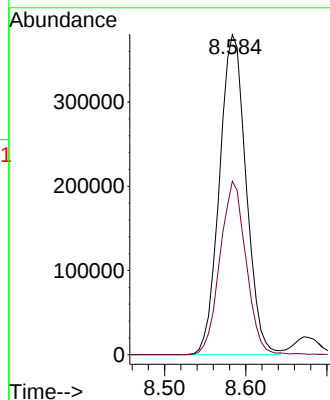
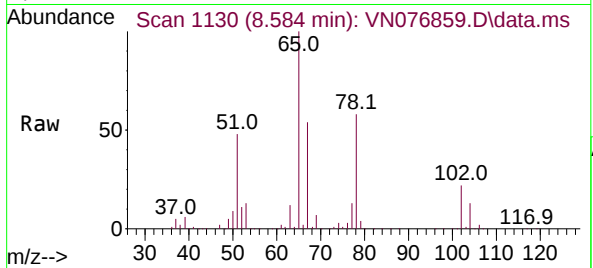
#33
1,2-Dichloroethane-d4
Concen: 97.138 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 866734
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2

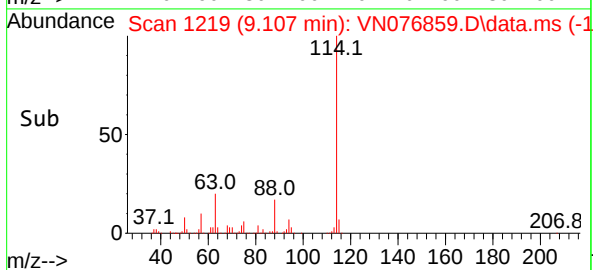
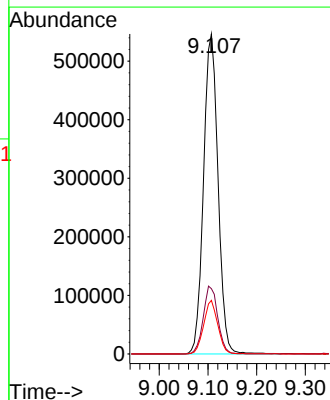
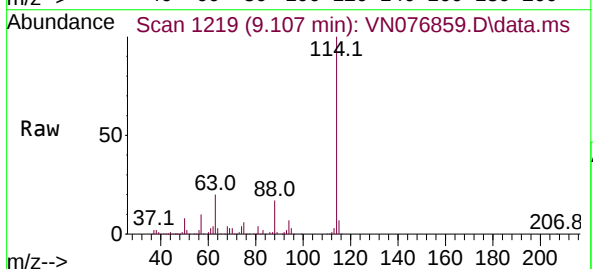
Manual Integrations
APPROVED

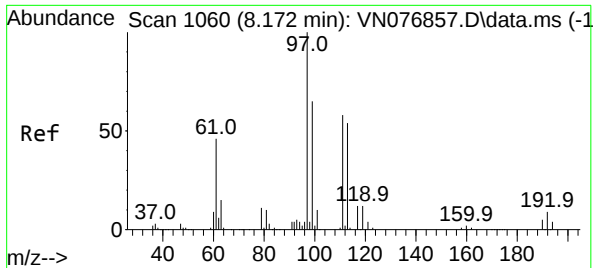
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

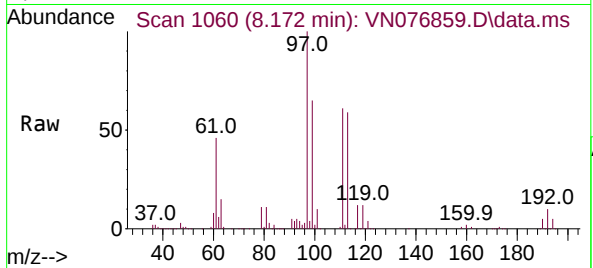
Tgt Ion:114 Resp: 1127292
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.6
88 16.7 0.0 28.6





#35
Dibromofluoromethane
Concen: 97.246 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

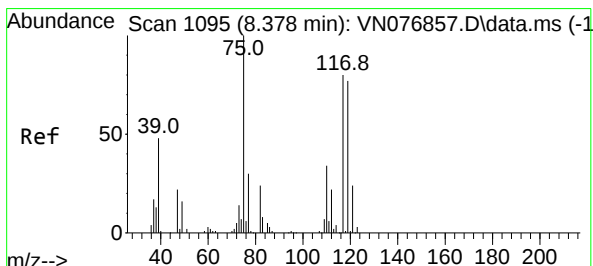
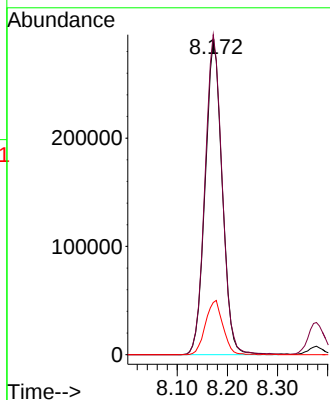
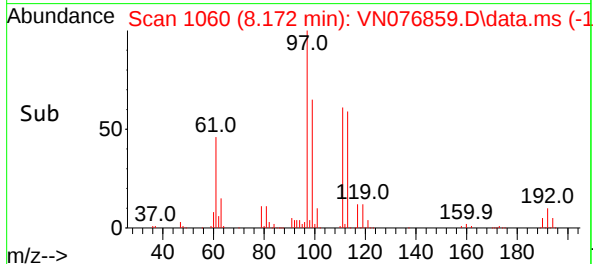
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 113 Resp: 685790
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 17.7 13.9 20.9

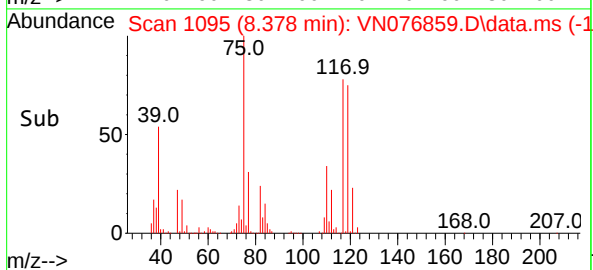
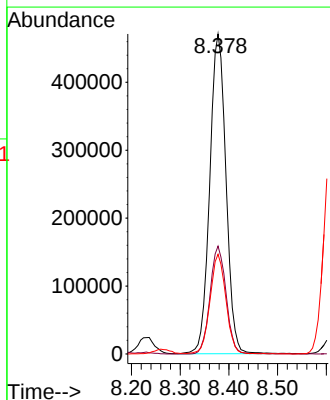
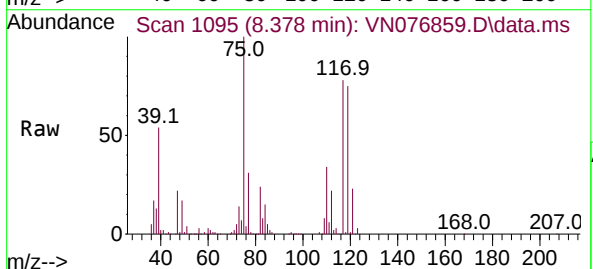
Manual Integrations
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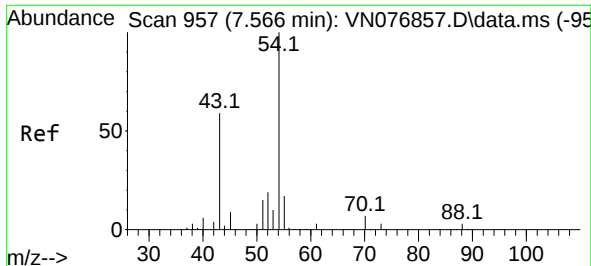
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#36
1,1-Dichloropropene
Concen: 95.813 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

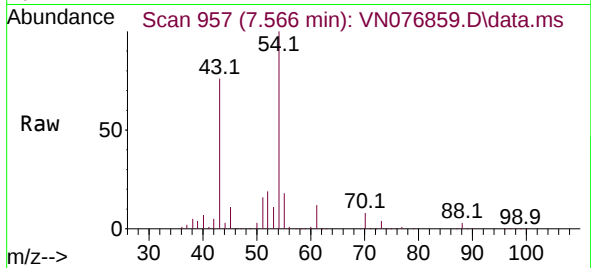
Tgt Ion: 75 Resp: 1085984
Ion Ratio Lower Upper
75 100
110 33.2 18.9 56.9
77 30.4 24.9 37.3





#37
Ethyl Acetate
Concen: 93.855 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

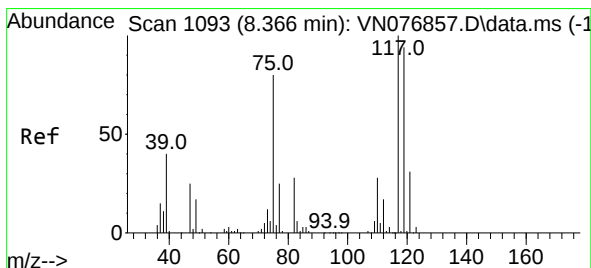
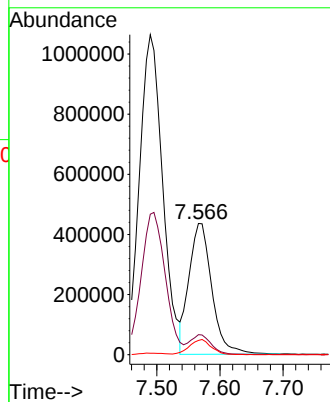
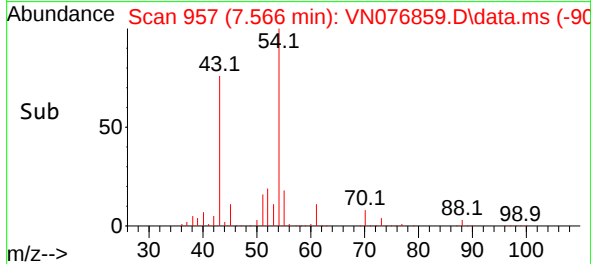
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 1091924
Ion Ratio Lower Upper
43 100
61 14.6 13.5 20.3
70 11.1 11.0 16.6

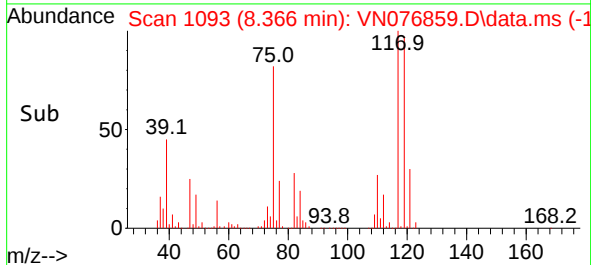
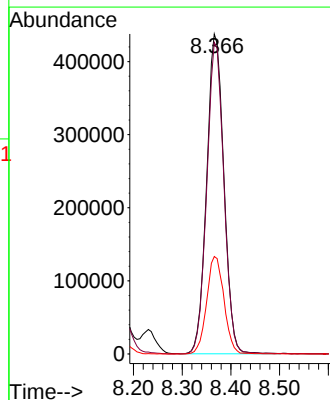
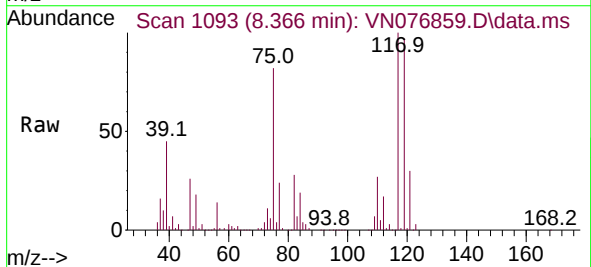
Manual Integrations
APPROVED

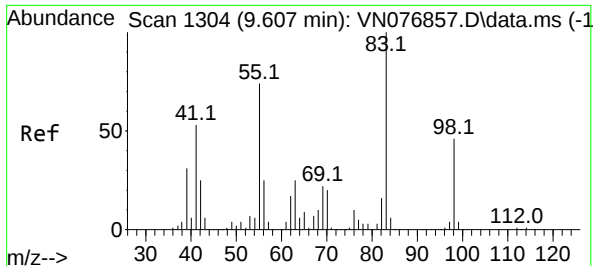
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#38
Carbon Tetrachloride
Concen: 93.190 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion:117 Resp: 1073021
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3
121 30.5 23.2 34.8





#39

Methylcyclohexane

Concen: 99.581 ug/l

RT: 9.607 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 139121

Ion Ratio Lower Upper

83 100

55 76.5 47.0 70.4

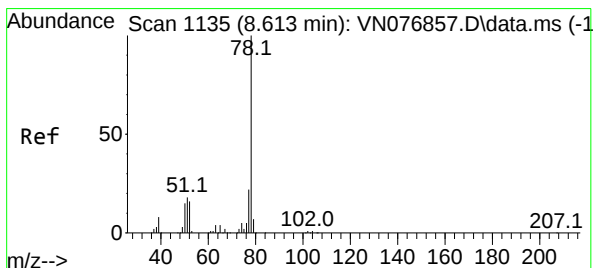
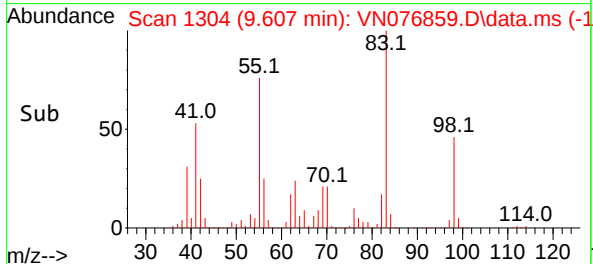
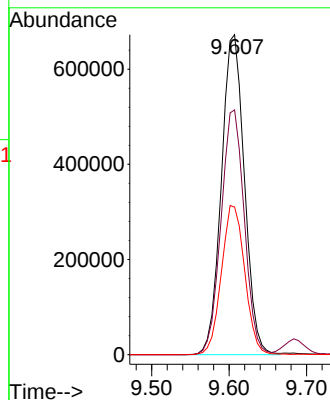
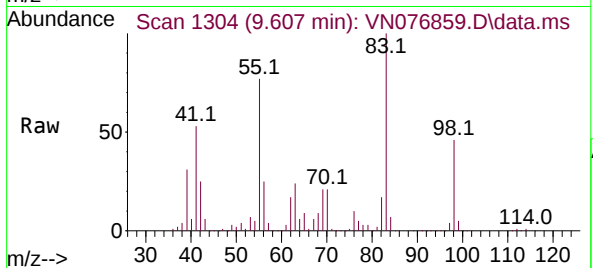
98 46.1 39.4 59.0

Manual Integrations

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Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#40

Benzene

Concen: 93.332 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076859.D

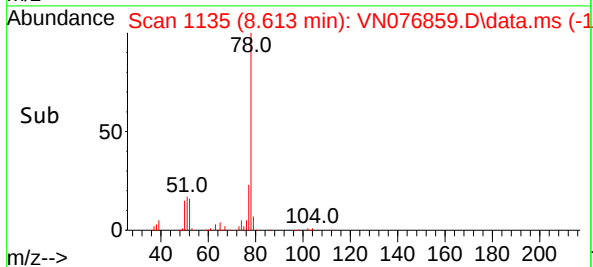
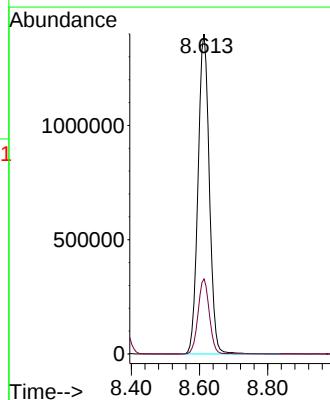
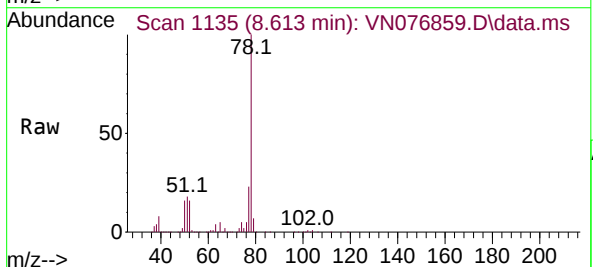
Acq: 06 Mar 2023 20:27

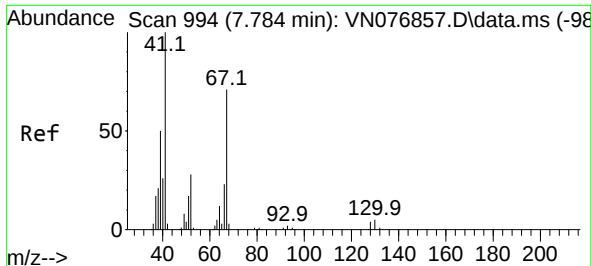
Tgt Ion: 78 Resp: 3222448

Ion Ratio Lower Upper

78 100

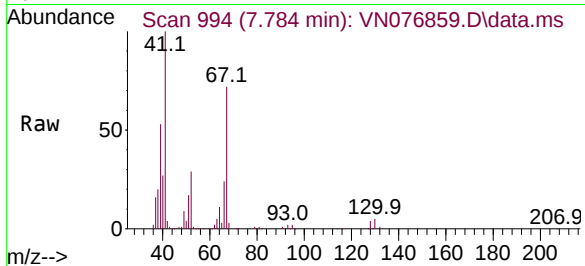
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 99.446 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

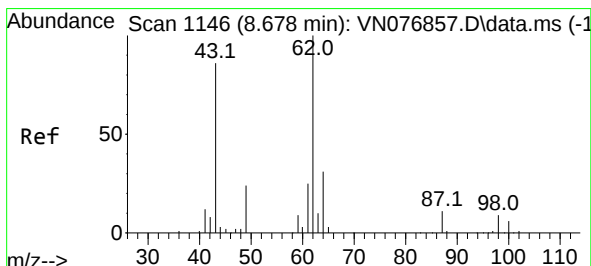
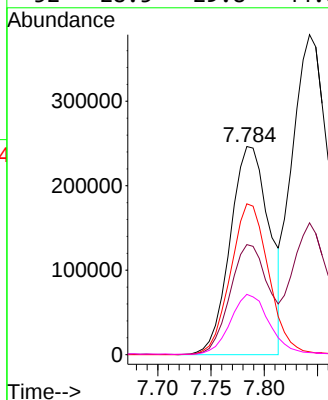
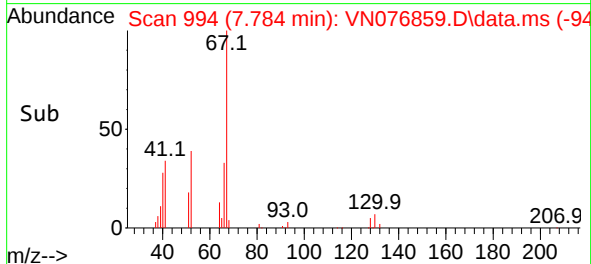
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



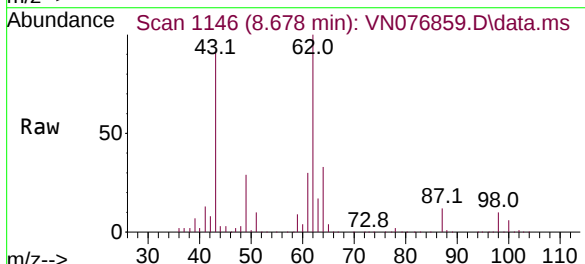
Tgt Ion: 41 Resp: 631790
Ion Ratio Lower Upper
41 100
39 52.2 43.4 65.0
67 71.1 78.6 118.0
52 28.5 29.8 44.8#

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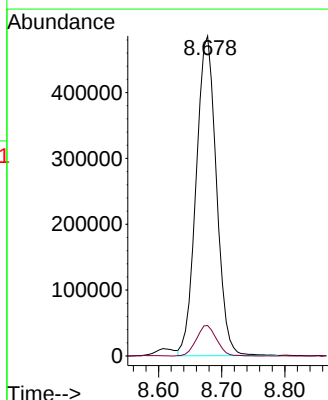
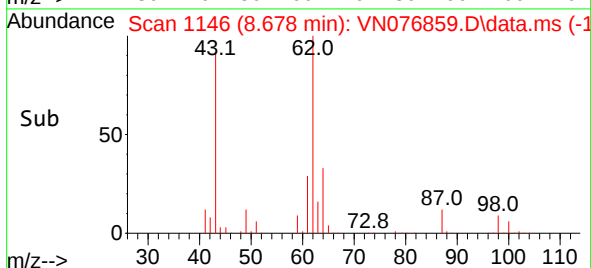
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

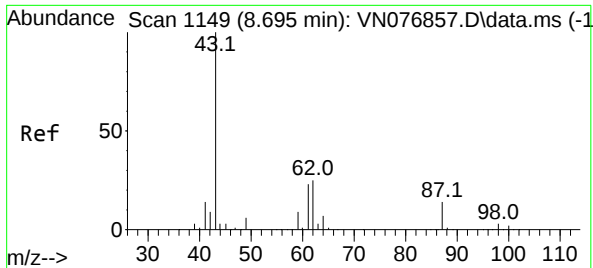


#42
1,2-Dichloroethane
Concen: 89.902 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27



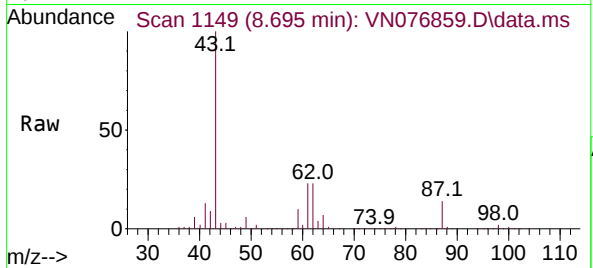
Tgt Ion: 62 Resp: 1081288
Ion Ratio Lower Upper
62 100
98 9.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 102.406 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

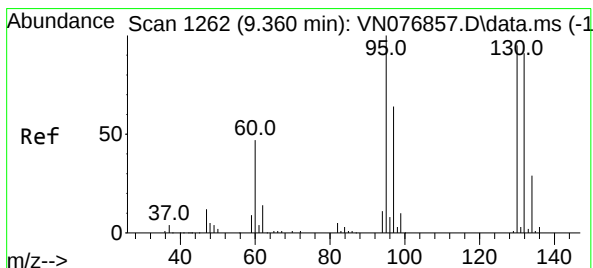
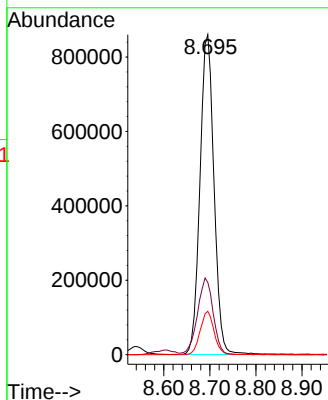
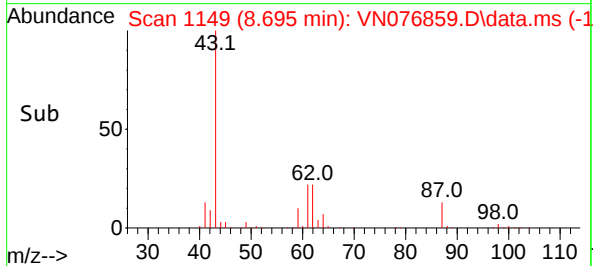
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



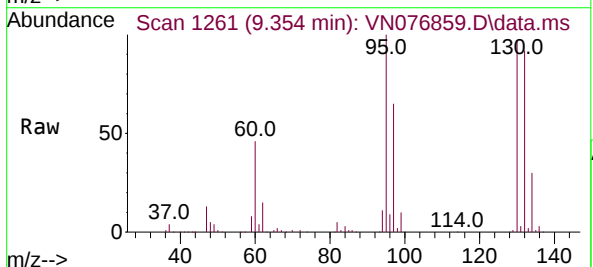
Tgt Ion: 43 Resp: 182391
Ion Ratio Lower Upper
43 100
61 26.8 26.2 39.2
87 13.5 14.8 22.2

Manual Integrations
APPROVED

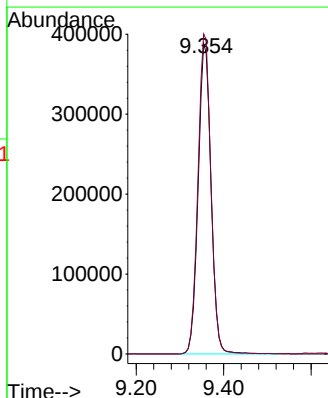
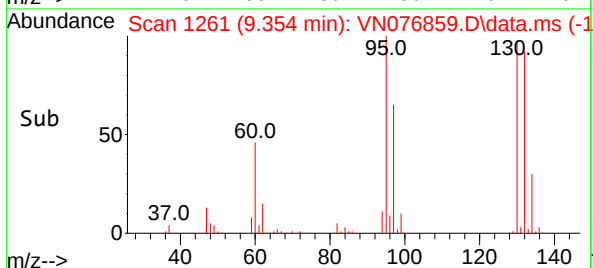
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

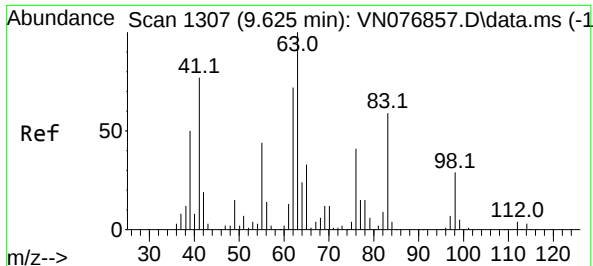


#44
Trichloroethene
Concen: 97.276 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27



Tgt Ion:130 Resp: 796338
Ion Ratio Lower Upper
130 100
95 103.1 0.0 208.6





#45

1,2-Dichloropropane

Concen: 94.179 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 840290

Ion Ratio Lower Upper

63 100

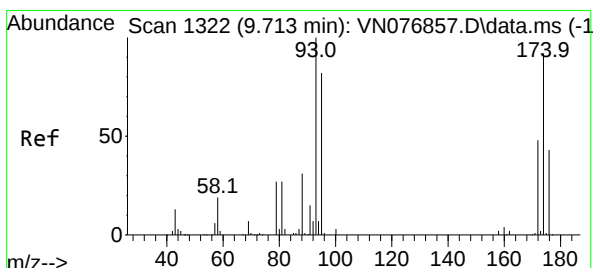
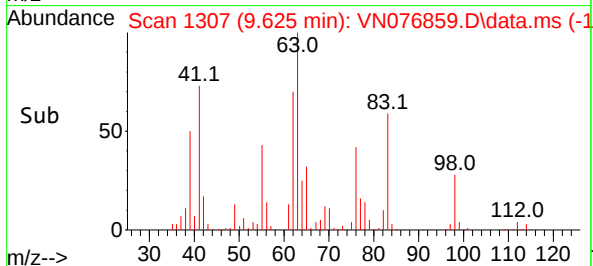
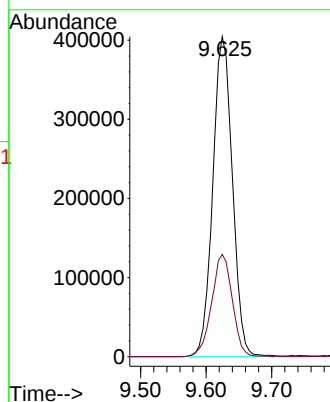
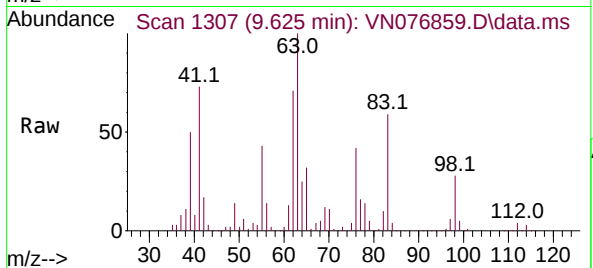
65 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#46

Dibromomethane

Concen: 93.180 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

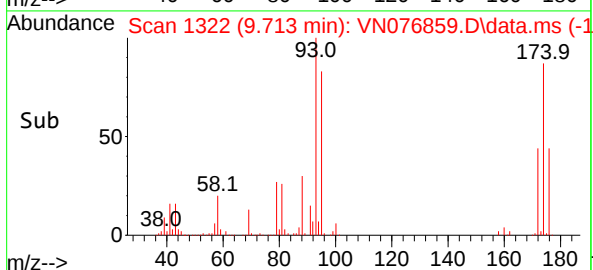
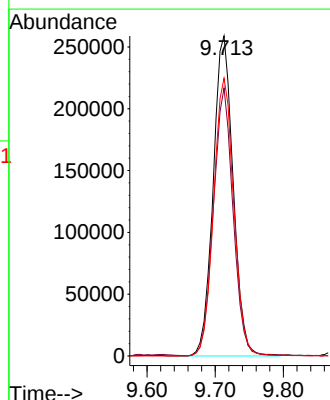
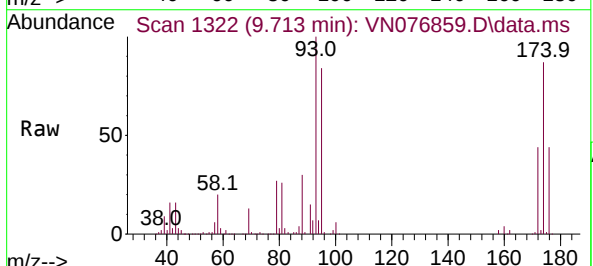
Tgt Ion: 93 Resp: 528044

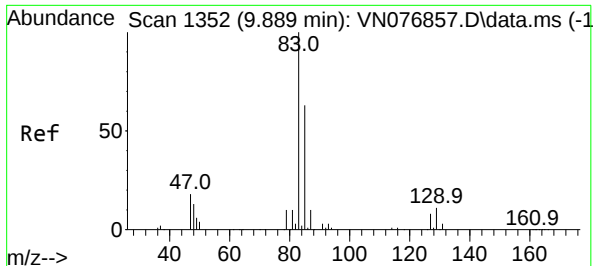
Ion Ratio Lower Upper

93 100

95 82.2 65.7 98.5

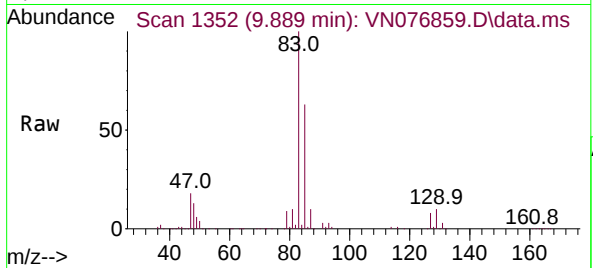
174 87.7 69.3 103.9





#47
Bromodichloromethane
Concen: 96.265 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

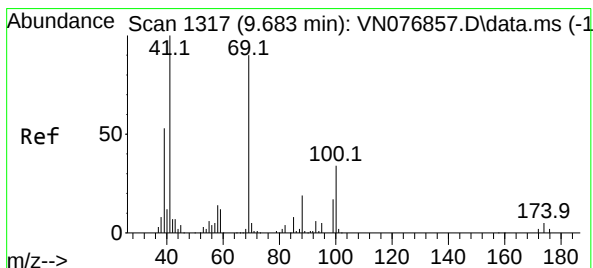
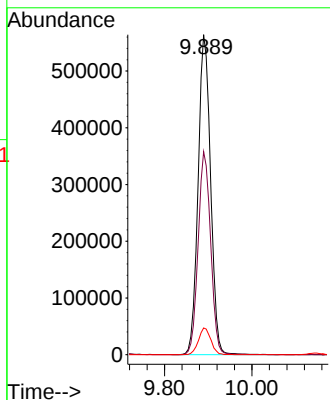
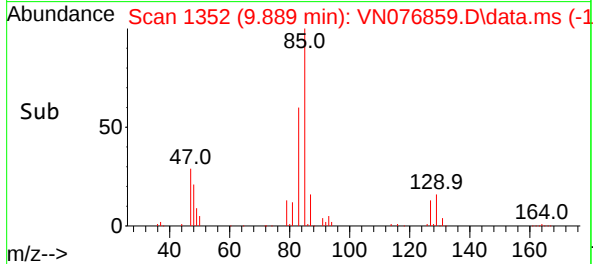
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 1121499
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8
127 8.4 7.0 10.6

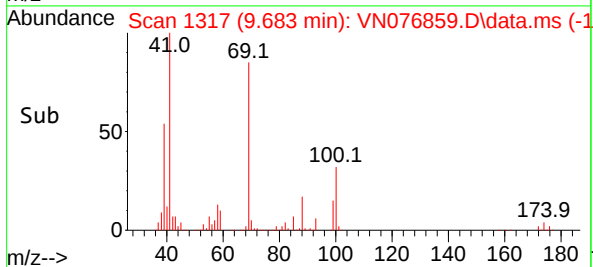
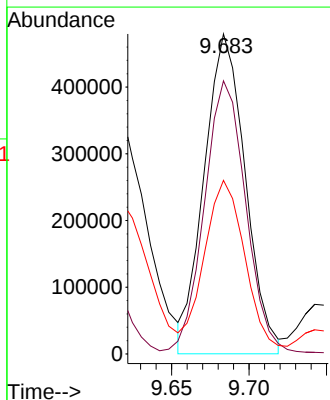
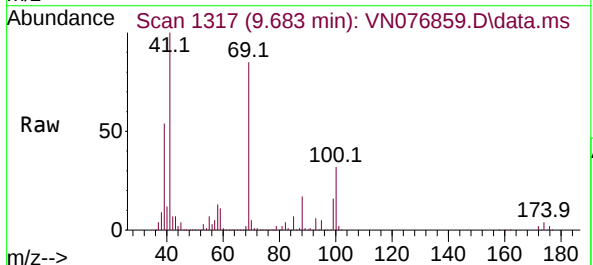
Manual Integrations
APPROVED

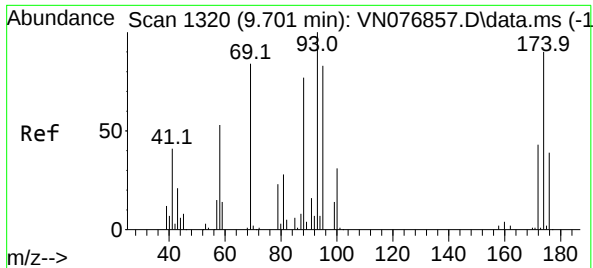
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#48
Methyl methacrylate
Concen: 102.150 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

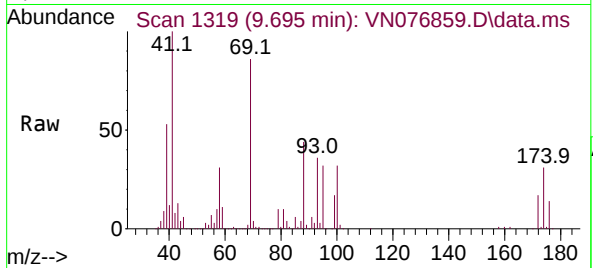
Tgt Ion: 41 Resp: 884061
Ion Ratio Lower Upper
41 100
69 86.6 92.6 139.0#
39 54.6 51.4 77.0





#49
1,4-Dioxane
Concen: 1854.732 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

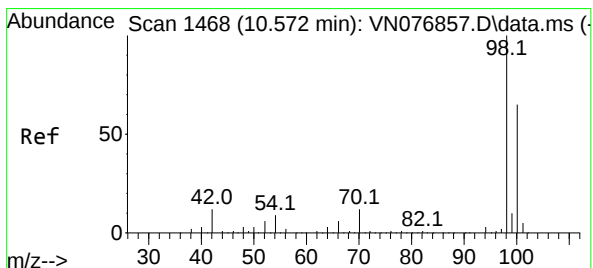
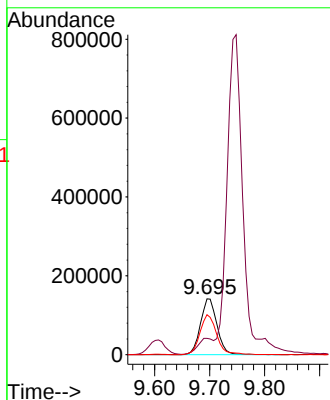
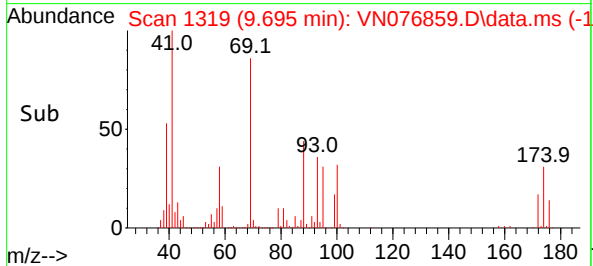
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 29421
Ion Ratio Lower Upper
88 100
43 27.4 15.3 22.9
58 72.9 47.6 71.4

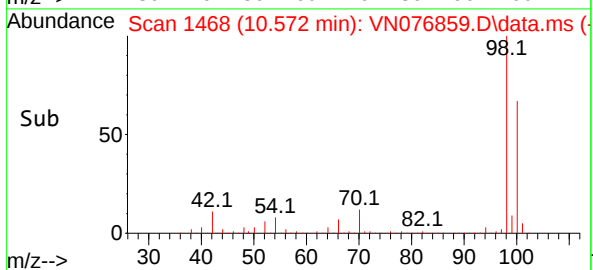
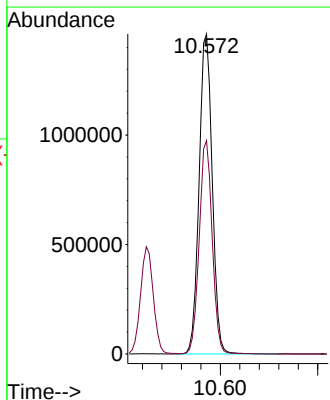
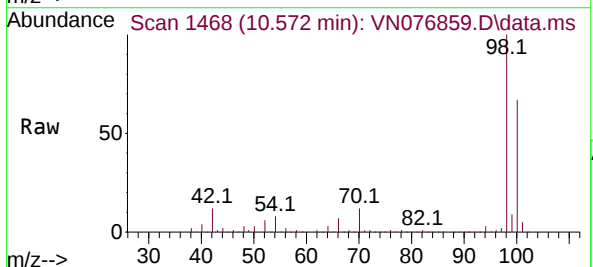
Manual Integrations
APPROVED

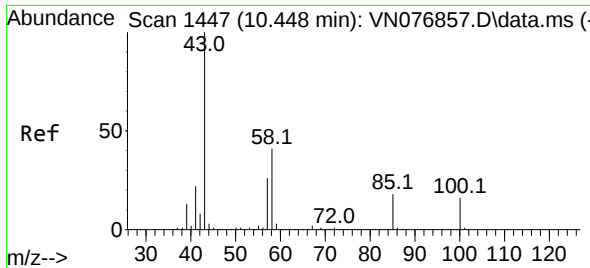
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#50
Toluene-d8
Concen: 100.847 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 98 Resp: 2739953
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2





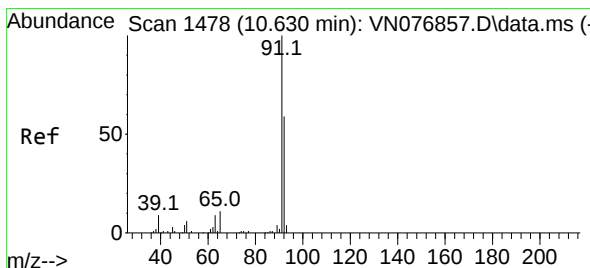
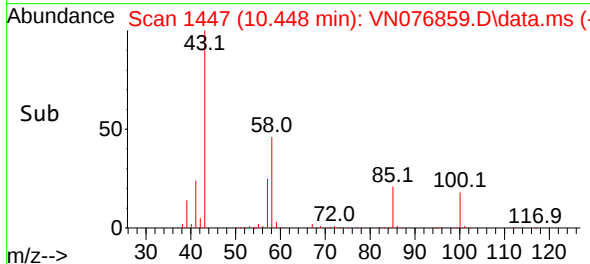
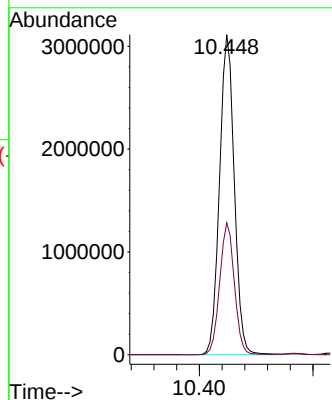
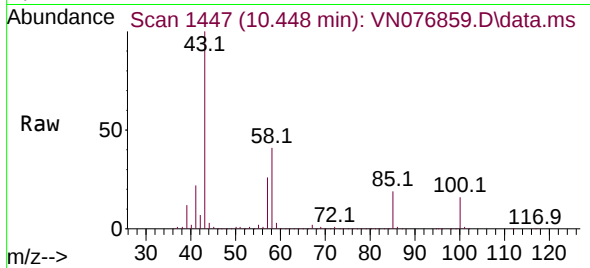
#51
4-Methyl-2-Pentanone
Concen: 500.065 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 5617850
Ion Ratio Lower Upper
43 100
58 40.9 37.4 56.0

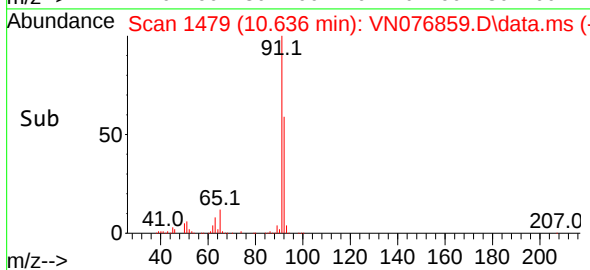
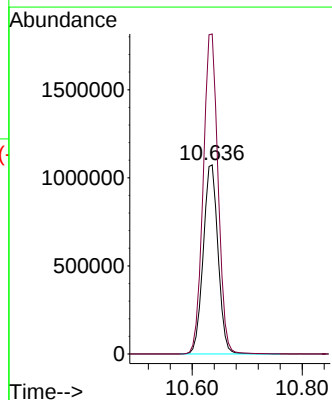
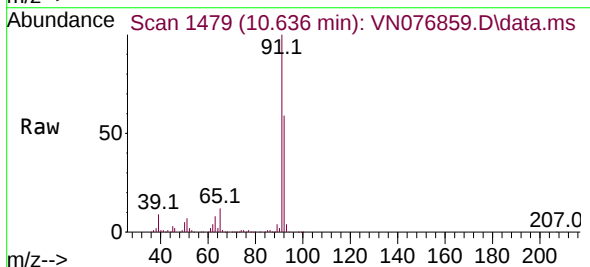
Manual Integrations
APPROVED

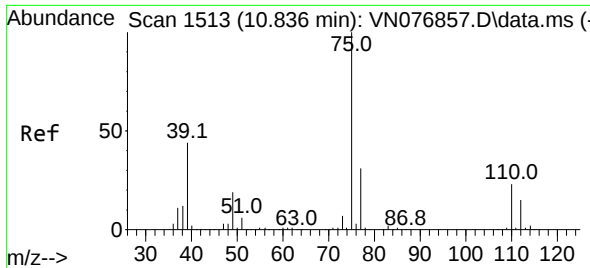
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#52
Toluene
Concen: 97.439 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 92 Resp: 2003184
Ion Ratio Lower Upper
92 100
91 170.4 138.2 207.2





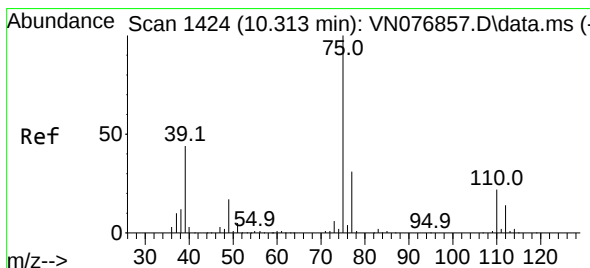
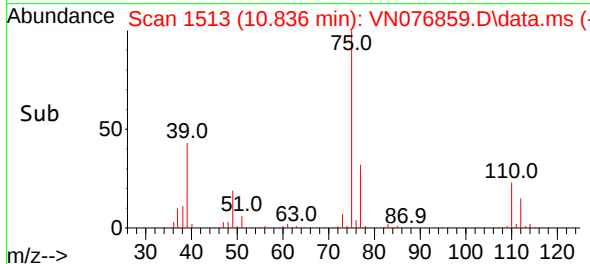
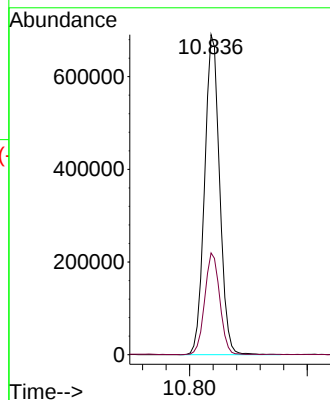
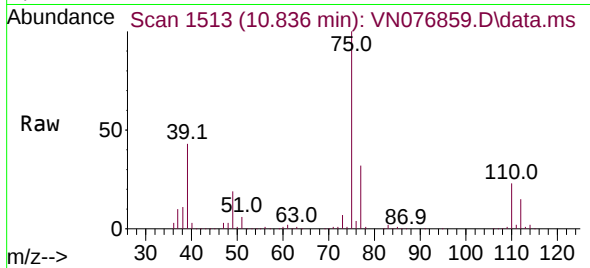
#53
t-1,3-Dichloropropene
Concen: 108.427 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 122444
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6

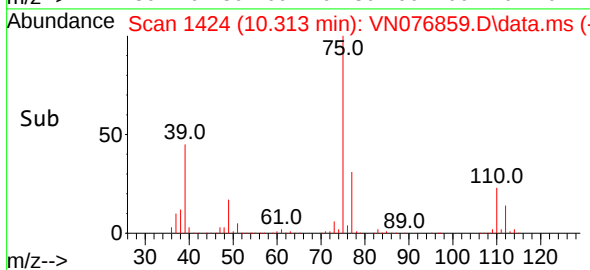
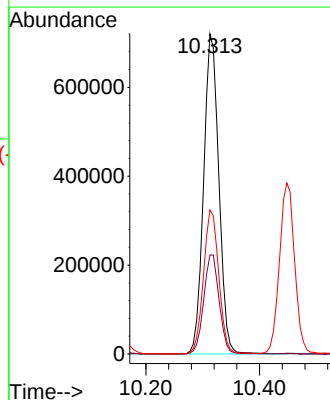
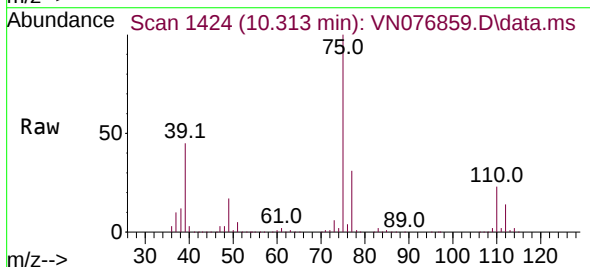
Manual Integrations
APPROVED

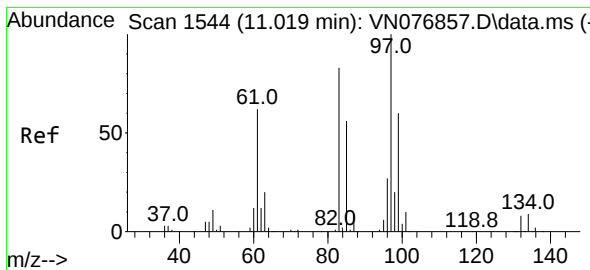
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#54
cis-1,3-Dichloropropene
Concen: 103.041 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

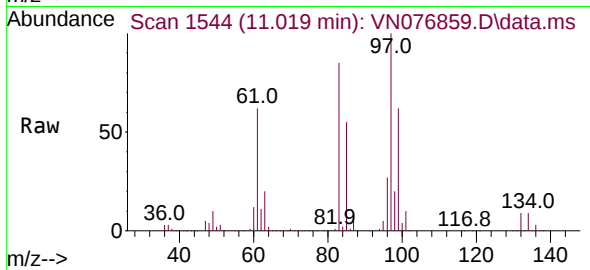
Tgt Ion: 75 Resp: 1336587
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 45.0 29.7 44.5#





#55
1,1,2-Trichloroethane
Concen: 94.447 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

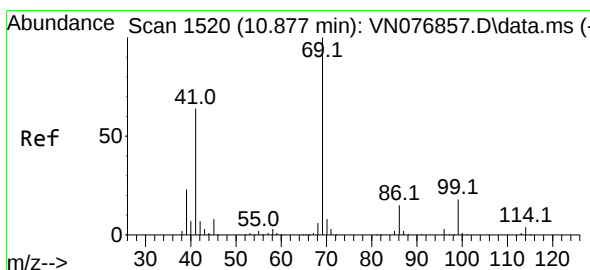
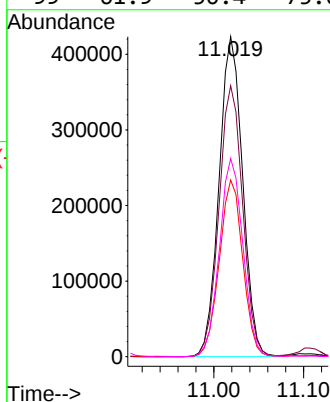
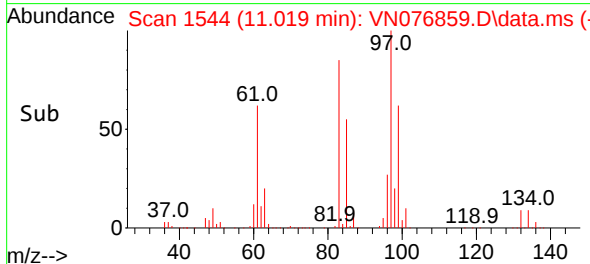
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



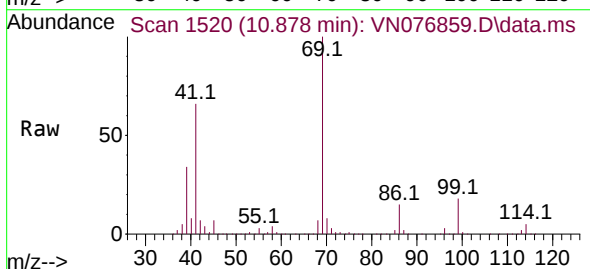
Tgt Ion: 97 Resp: 77240
Ion Ratio Lower Upper
97 100
83 84.7 67.1 100.7
85 55.2 41.8 62.8
99 61.9 50.4 75.6

Manual Integrations
APPROVED

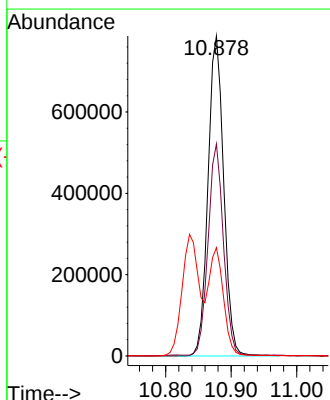
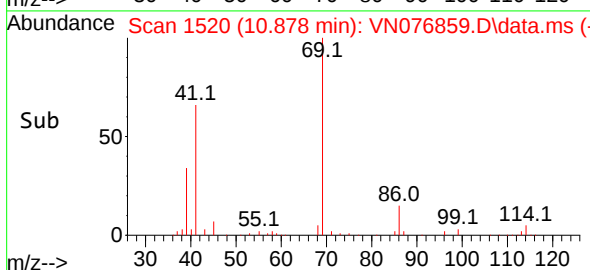
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

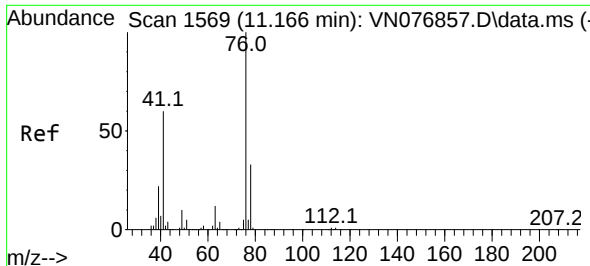


#56
Ethyl methacrylate
Concen: 107.277 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27



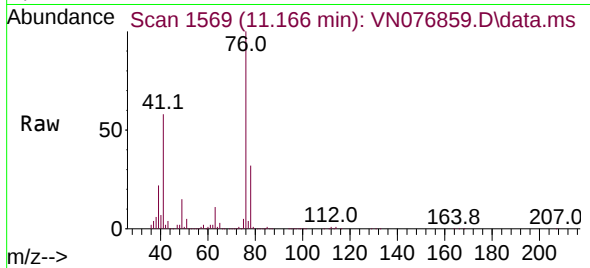
Tgt Ion: 69 Resp: 1307180
Ion Ratio Lower Upper
69 100
41 64.5 38.0 57.0#
39 30.5 22.4 33.6





#57
1,3-Dichloropropane
Concen: 96.178 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

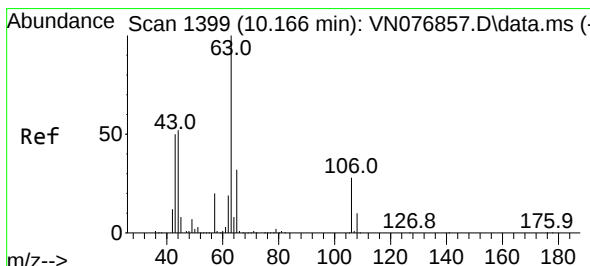
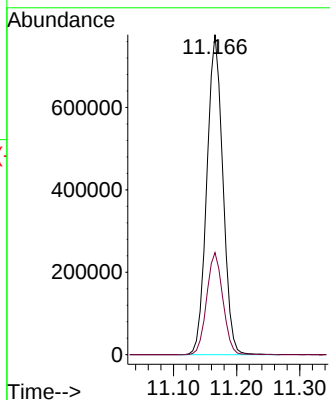
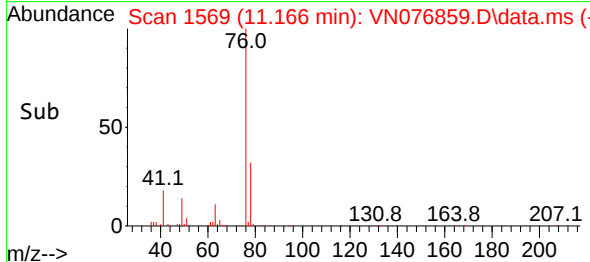
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 76 Resp: 136564
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

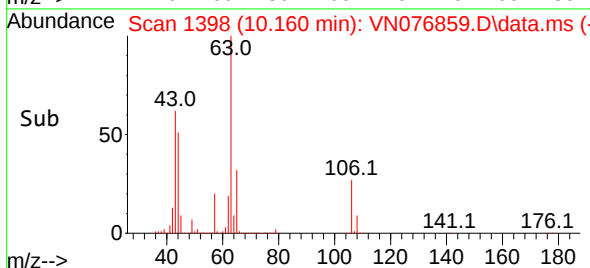
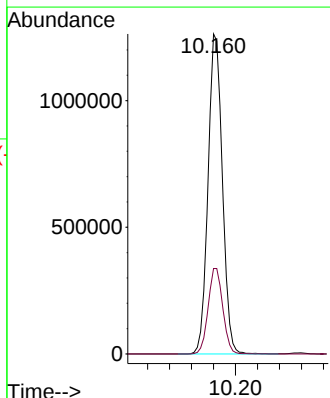
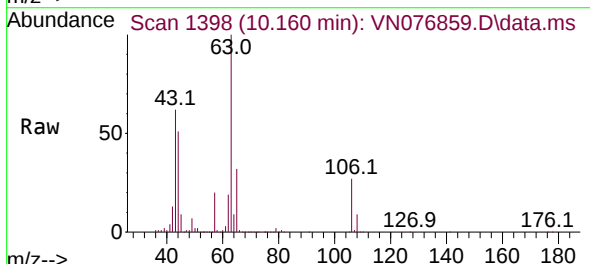
Manual Integrations
APPROVED

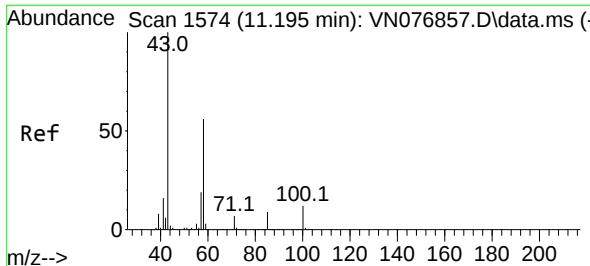
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 541.181 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 63 Resp: 2284852
Ion Ratio Lower Upper
63 100
106 27.2 25.6 38.4





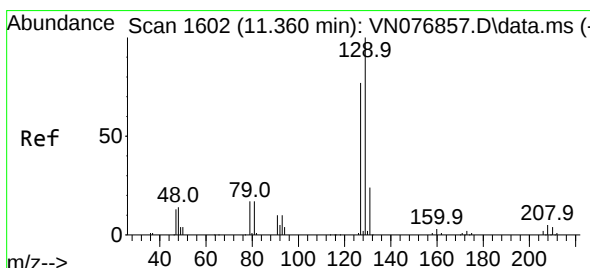
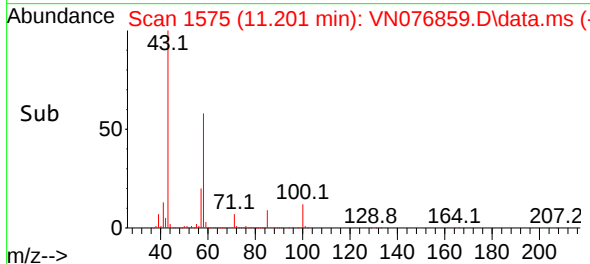
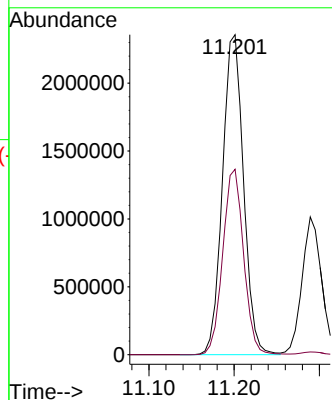
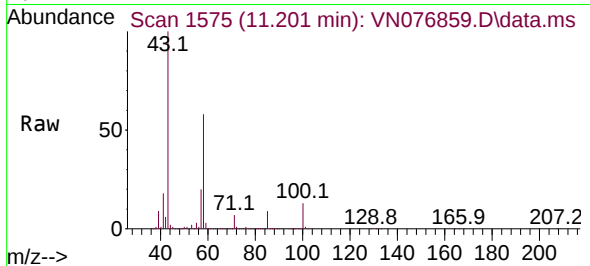
#59
2-Hexanone
Concen: 497.892 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 405313
Ion Ratio Lower Upper
43 100
58 57.4 32.6 98.0

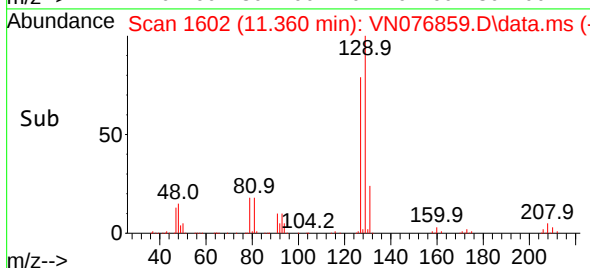
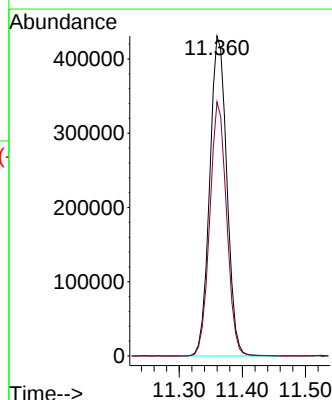
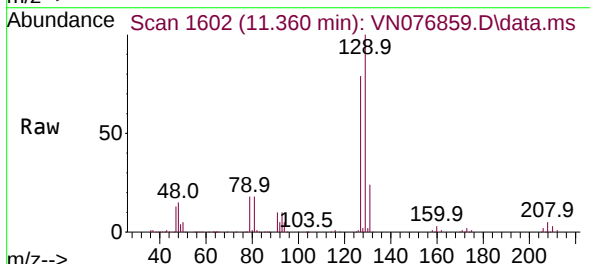
Manual Integrations
APPROVED

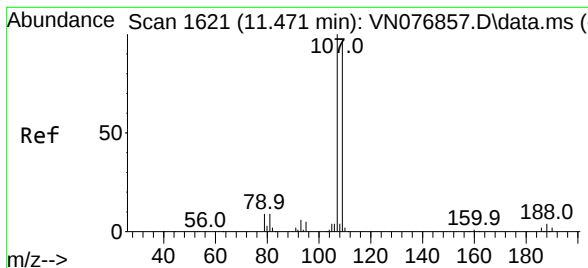
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#60
Dibromochloromethane
Concen: 100.621 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion:129 Resp: 810884
Ion Ratio Lower Upper
129 100
127 78.0 39.6 118.8





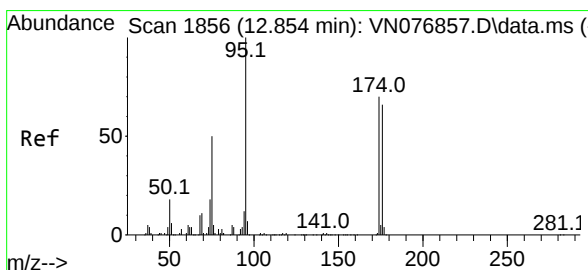
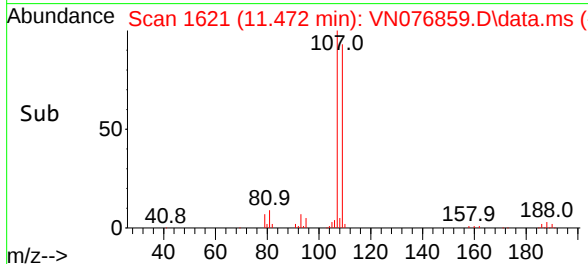
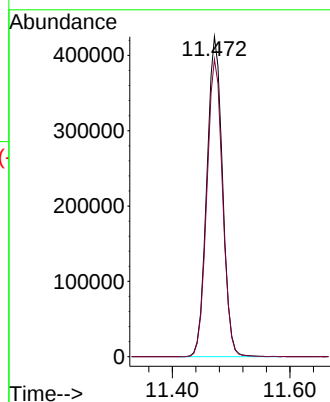
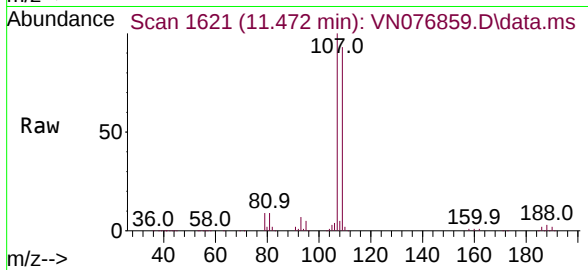
#61
1,2-Dibromoethane
Concen: 99.578 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 78272
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9

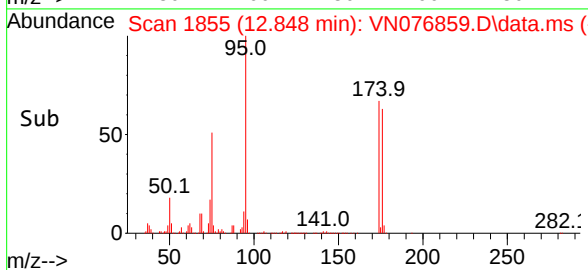
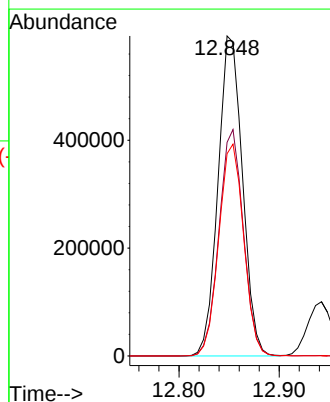
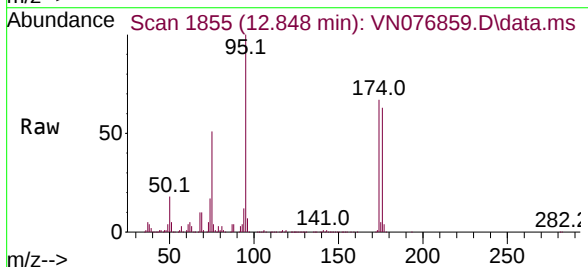
Manual Integrations
APPROVED

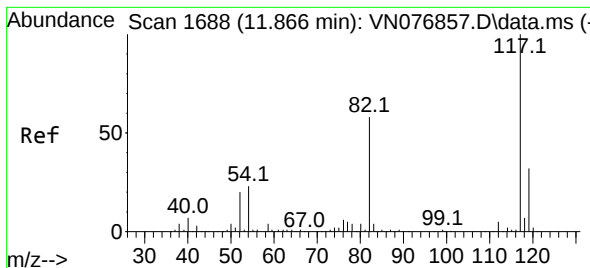
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#62
4-Bromofluorobenzene
Concen: 106.803 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

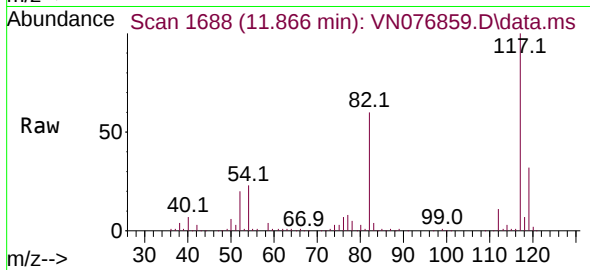
Tgt Ion: 95 Resp: 1005515
Ion Ratio Lower Upper
95 100
174 70.4 0.0 162.4
176 67.4 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

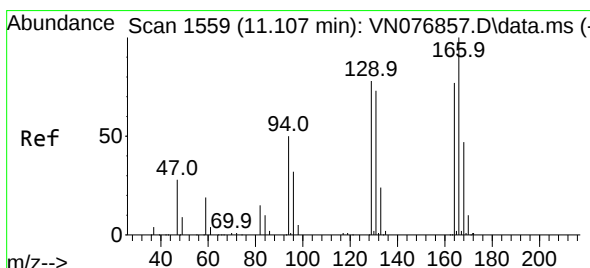
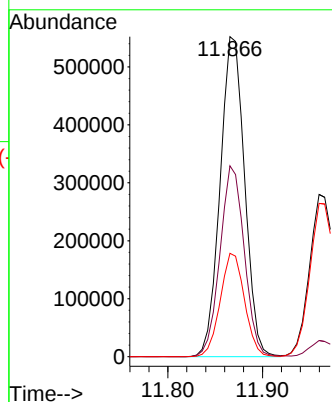
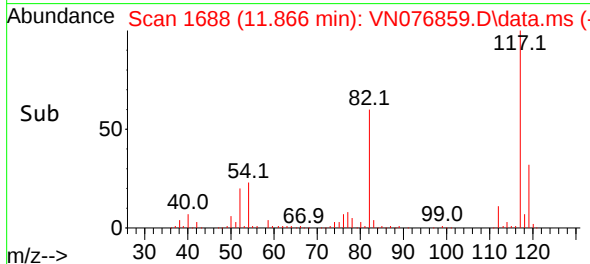
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 993152
Ion Ratio Lower Upper
117 100
82 59.6 43.5 65.3
119 32.3 25.5 38.3

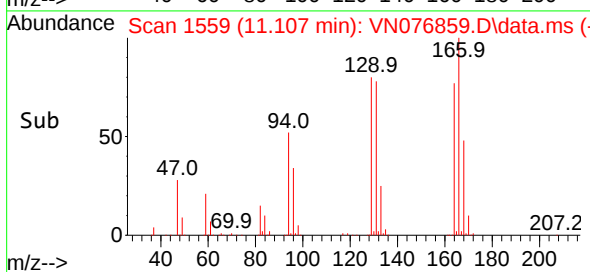
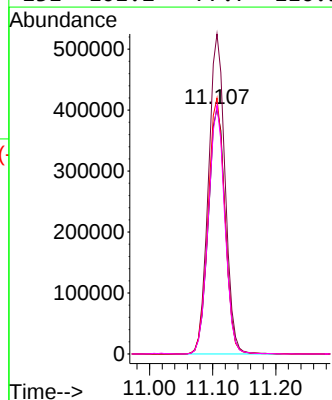
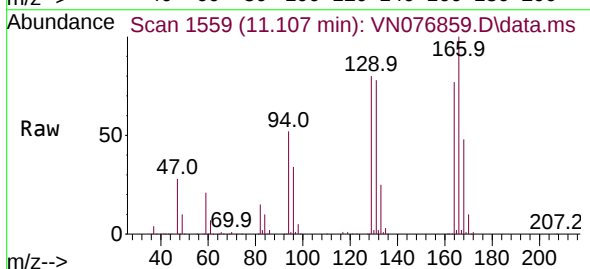
Manual Integrations
APPROVED

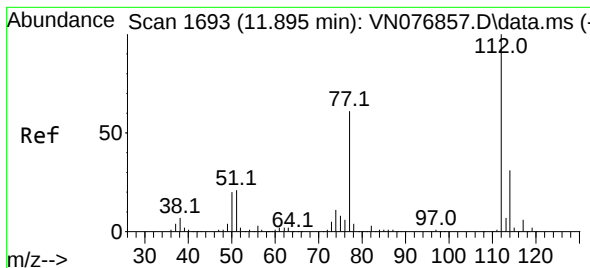
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#64
Tetrachloroethene
Concen: 101.063 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

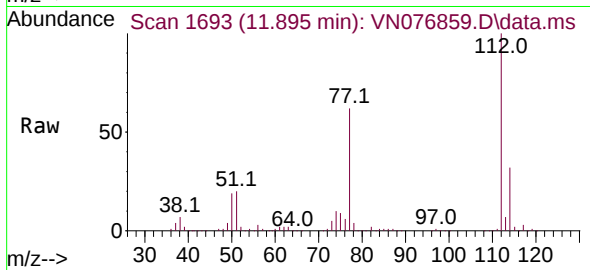
Tgt Ion:164 Resp: 746947
Ion Ratio Lower Upper
164 100
166 130.4 102.7 154.1
129 104.2 81.5 122.3
131 101.2 77.7 116.5





#65
Chlorobenzene
Concen: 95.131 ug/l
RT: 11.895 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

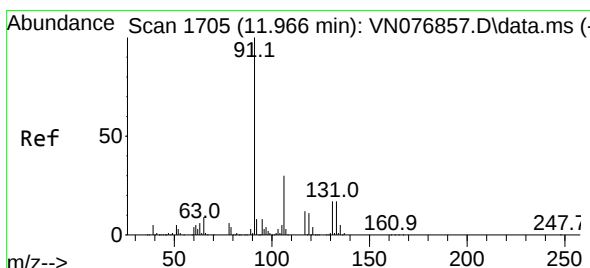
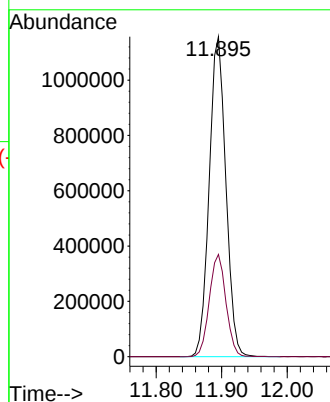
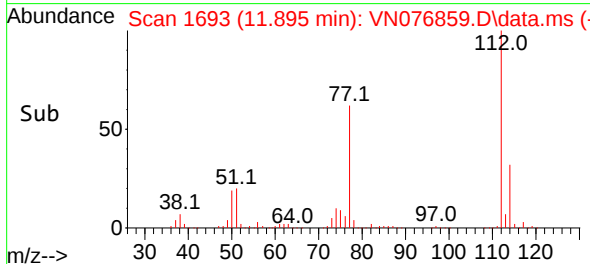
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:112 Resp: 2041788
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8

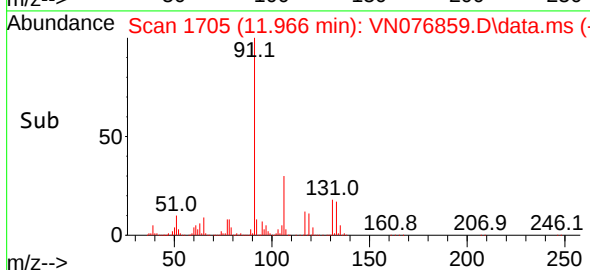
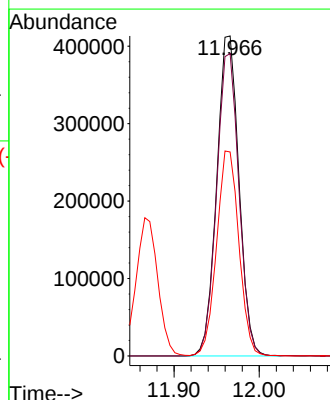
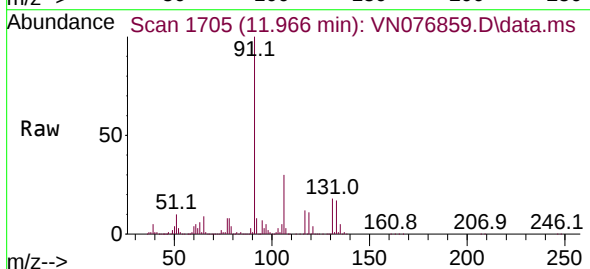
Manual Integrations
APPROVED

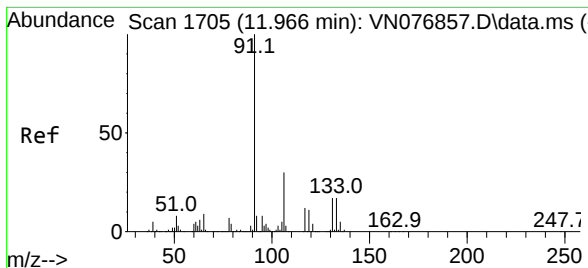
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 96.483 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

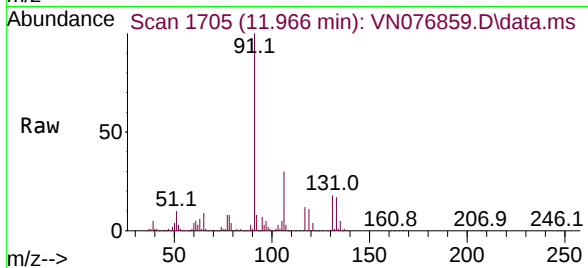
Tgt Ion:131 Resp: 749092
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 64.4 33.1 99.2





#67
Ethyl Benzene
Concen: 100.926 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

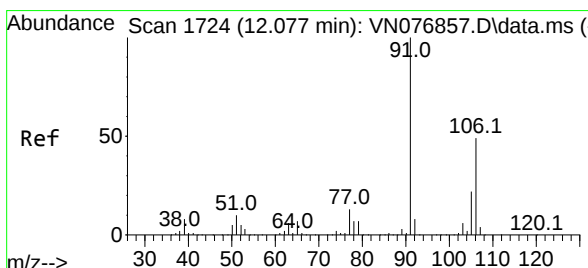
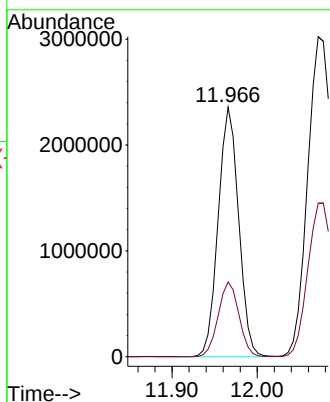
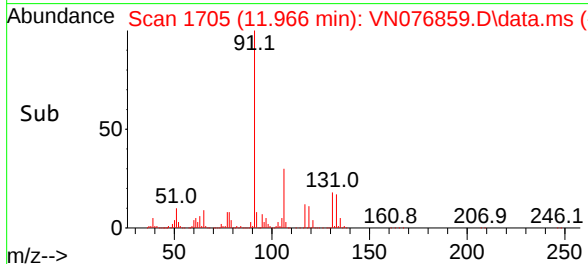
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



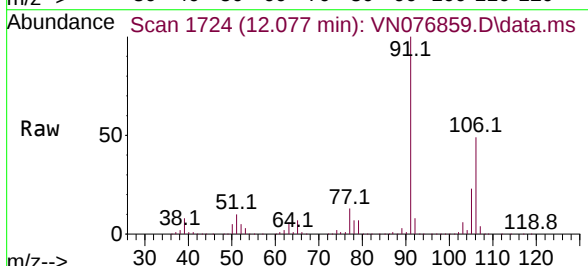
Tgt Ion: 91 Resp: 3933258
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7

Manual Integrations
APPROVED

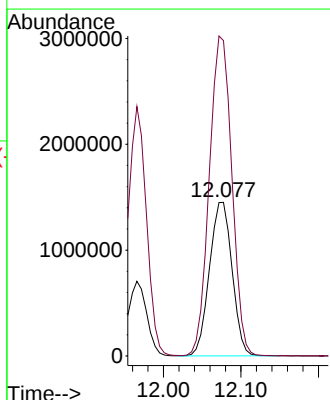
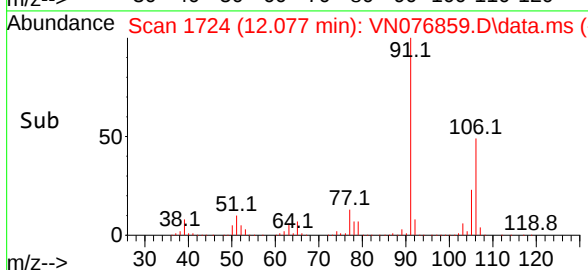
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

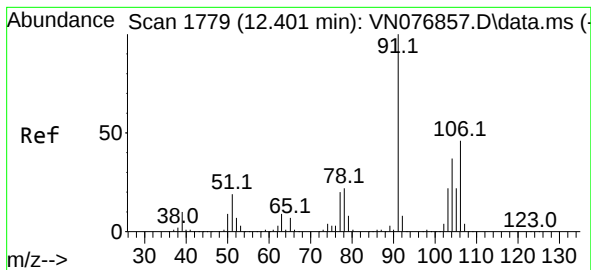


#68
m/p-Xylenes
Concen: 200.599 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27



Tgt Ion:106 Resp: 2941282
Ion Ratio Lower Upper
106 100
91 208.1 158.0 237.0





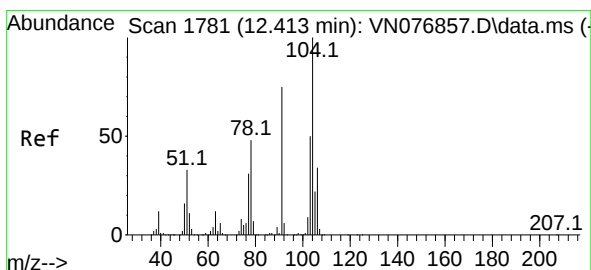
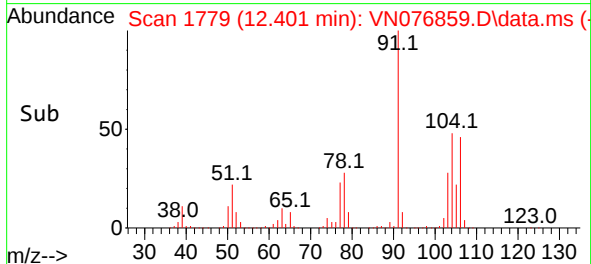
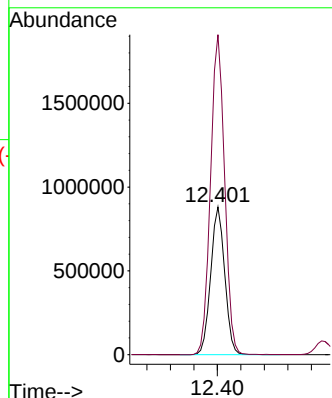
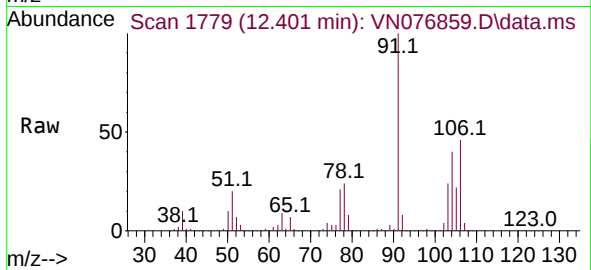
#69
o-Xylene
Concen: 100.846 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1456118
Ion Ratio Lower Upper
106 100
91 217.6 101.8 305.4

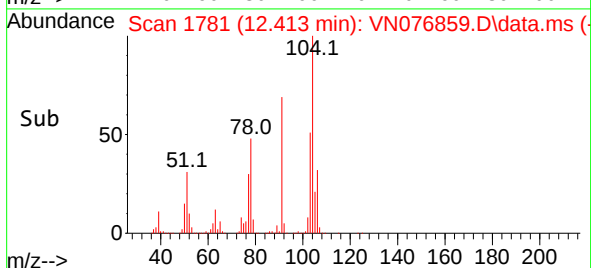
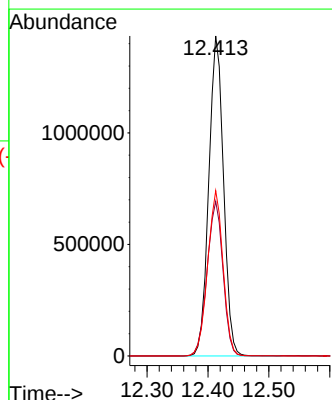
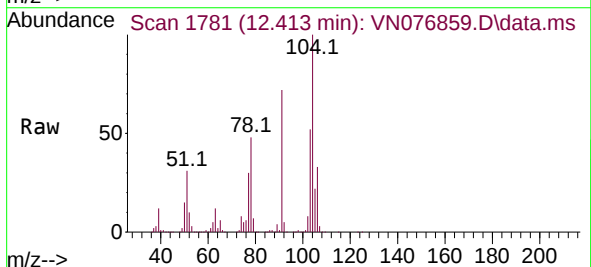
Manual Integrations
APPROVED

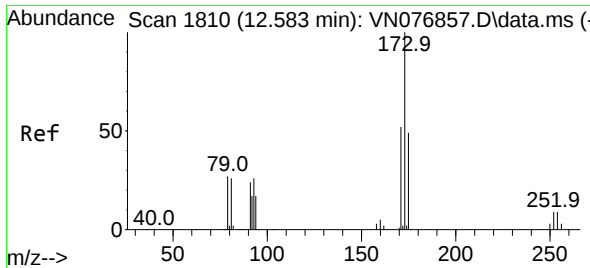
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#70
Styrene
Concen: 106.529 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

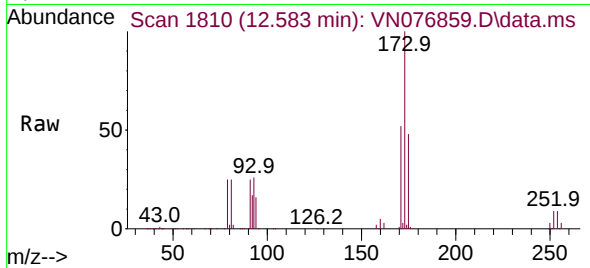
Tgt Ion:104 Resp: 2411626
Ion Ratio Lower Upper
104 100
78 52.0 36.6 55.0
103 54.1 43.4 65.0





#71
Bromoform
Concen: 106.145 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

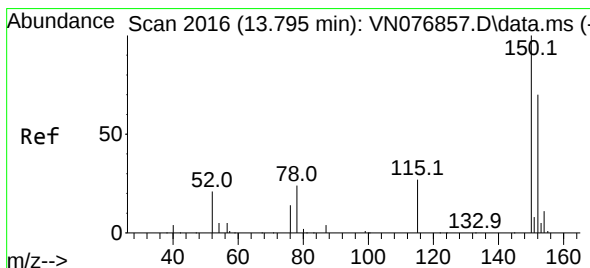
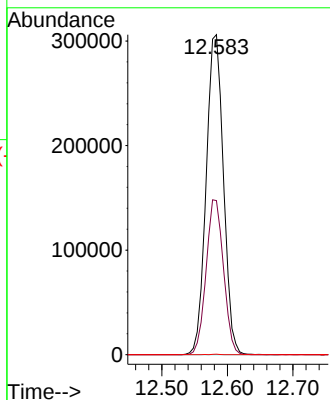
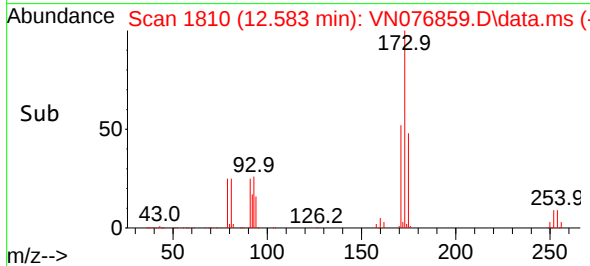
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:173 Resp: 56094
Ion Ratio Lower Upper
173 100
175 48.7 24.9 74.6
254 0.1 0.0 0.0

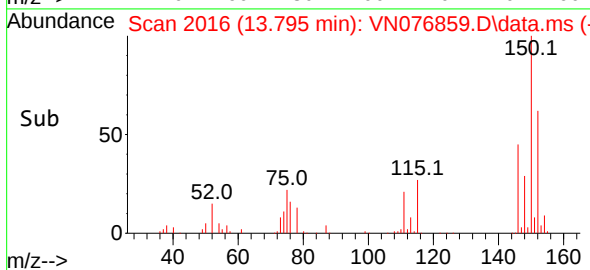
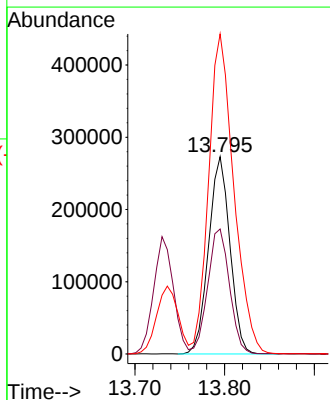
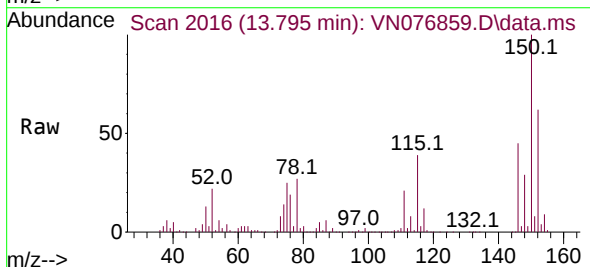
Manual Integrations
APPROVED

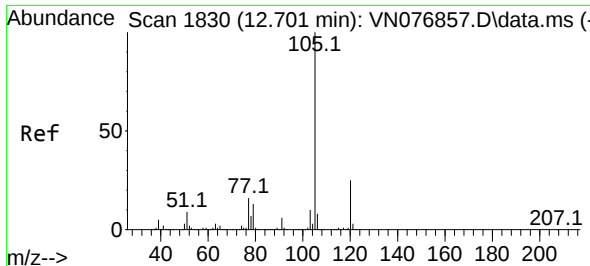
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

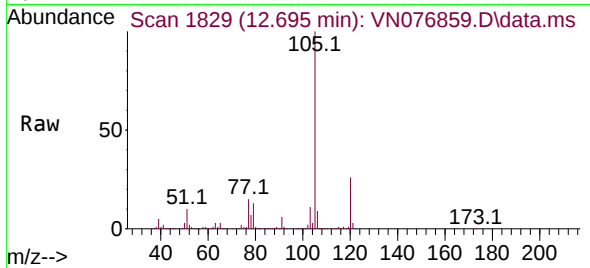
Tgt Ion:152 Resp: 451967
Ion Ratio Lower Upper
152 100
115 64.4 30.3 90.9
150 190.8 0.0 353.6





#73
Isopropylbenzene
Concen: 97.199 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

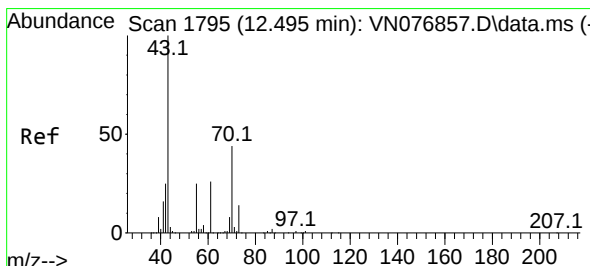
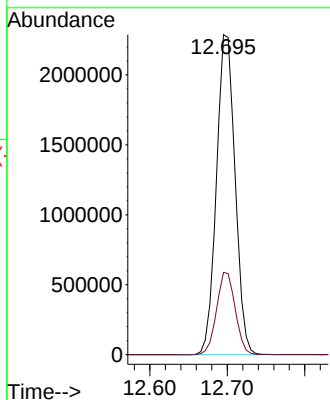
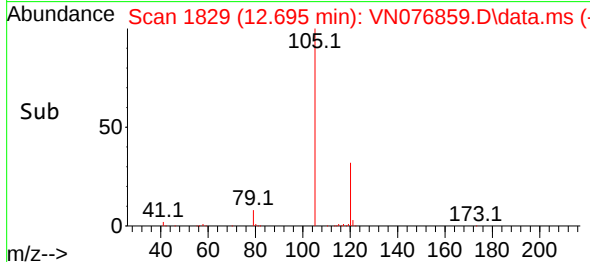
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



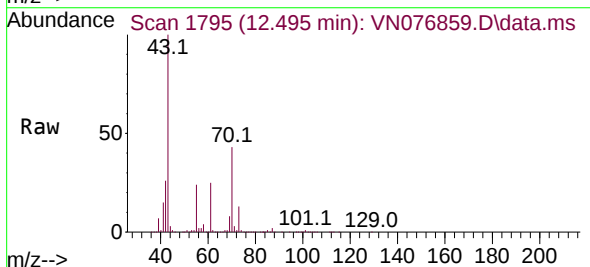
Tgt Ion:105 Resp: 3829300
Ion Ratio Lower Upper
105 100
120 25.7 13.8 41.4

Manual Integrations
APPROVED

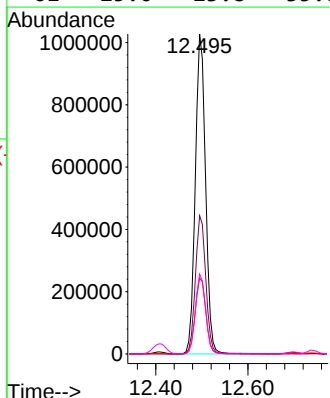
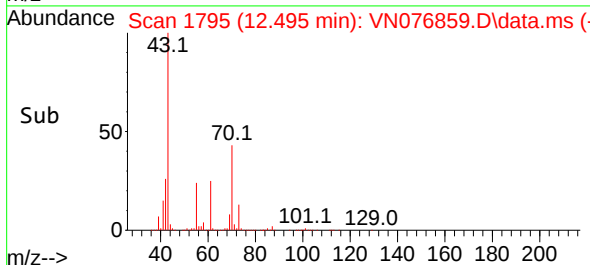
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

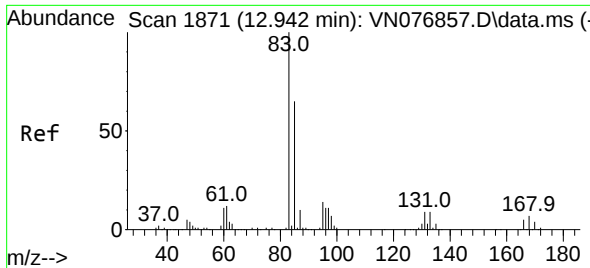


#74
N-ethyl acetate
Concen: 102.838 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27



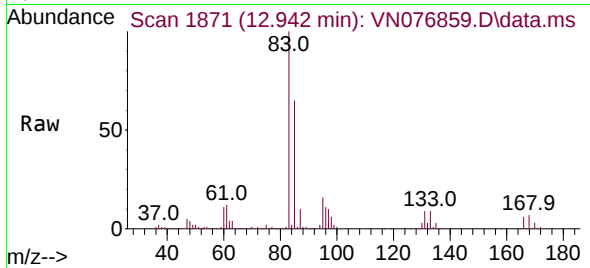
Tgt Ion: 43 Resp: 1584521
Ion Ratio Lower Upper
43 100
70 43.9 46.8 70.2#
55 24.7 23.4 35.2
61 25.0 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 84.421 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

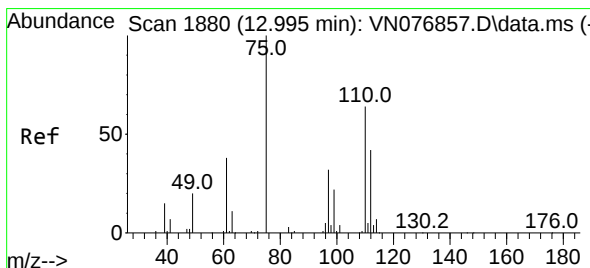
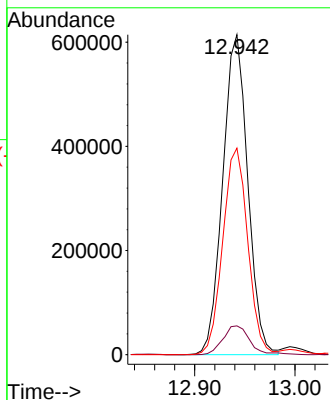
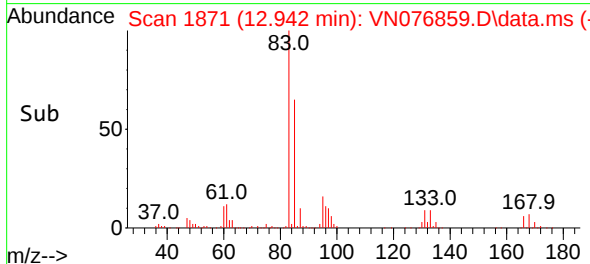
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 106588
Ion Ratio Lower Upper
83 100
131 9.7 5.3 16.1
85 64.5 32.0 96.0

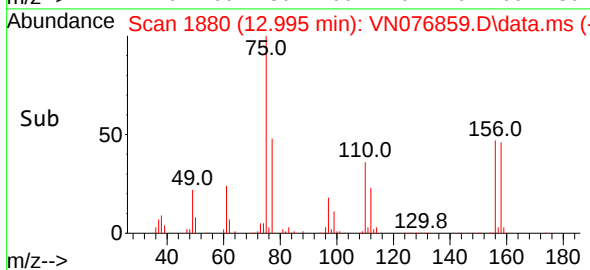
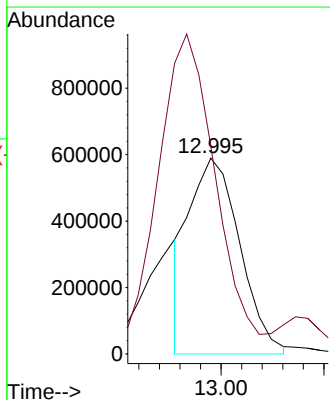
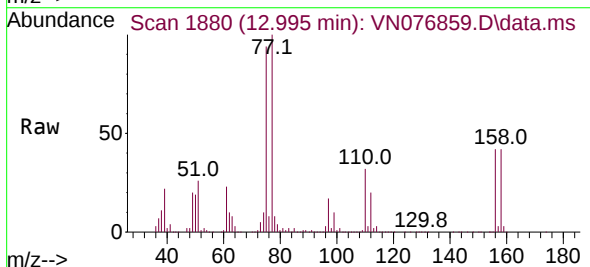
Manual Integrations
APPROVED

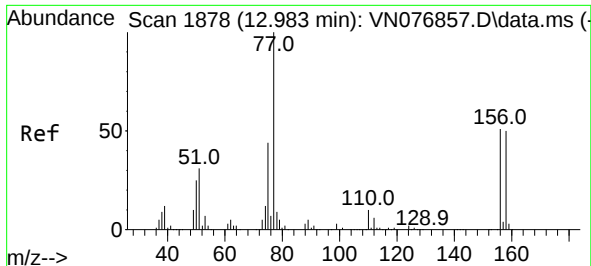
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#76
1,2,3-Trichloropropane
Concen: 88.547 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 75 Resp: 1009302
Ion Ratio Lower Upper
75 100
77 187.0 93.8 281.4





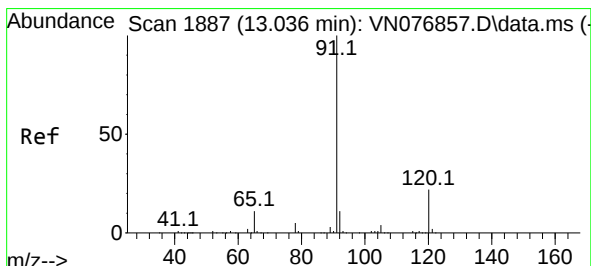
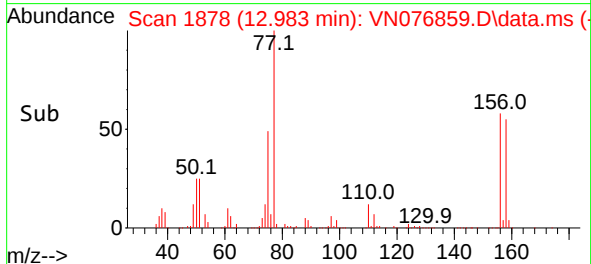
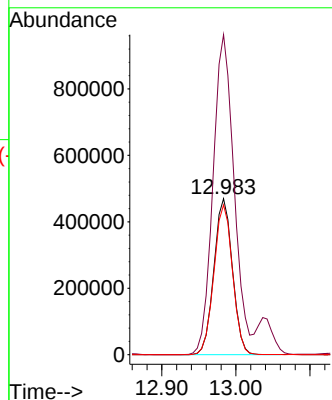
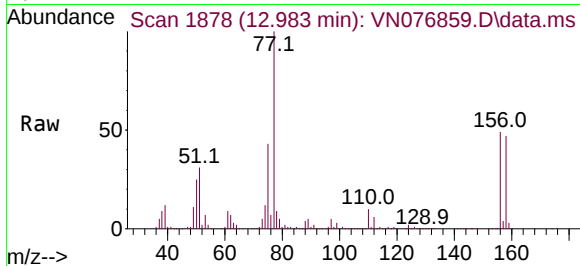
#77
Bromobenzene
Concen: 93.355 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 813872
Ion Ratio Lower Upper
156 100
77 231.8 101.3 303.7
158 96.5 48.9 146.7

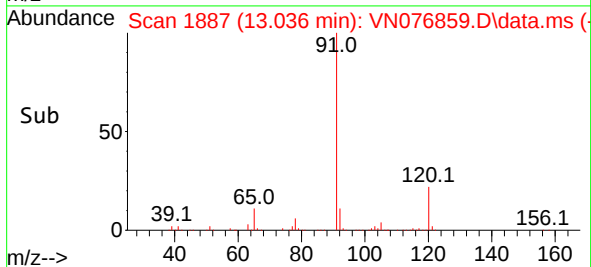
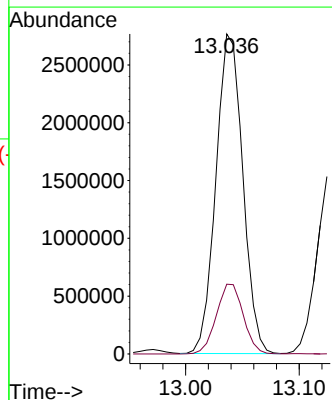
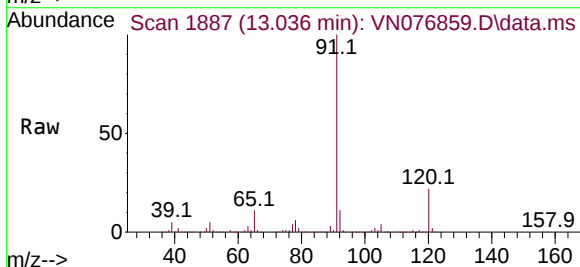
Manual Integrations
APPROVED

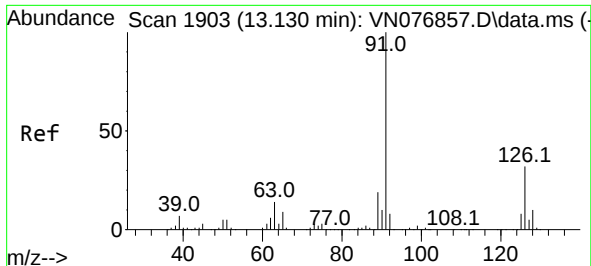
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#78
n-propylbenzene
Concen: 101.127 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 91 Resp: 4543339
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.7





#79

2-Chlorotoluene

Concen: 94.343 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 2718934

Ion Ratio Lower Upper

91 100

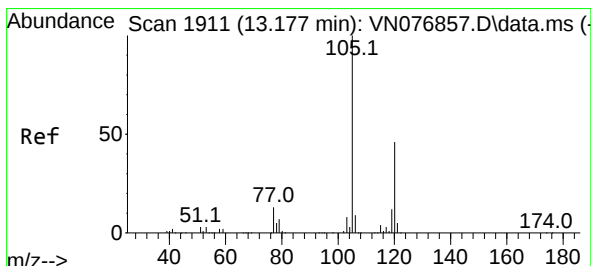
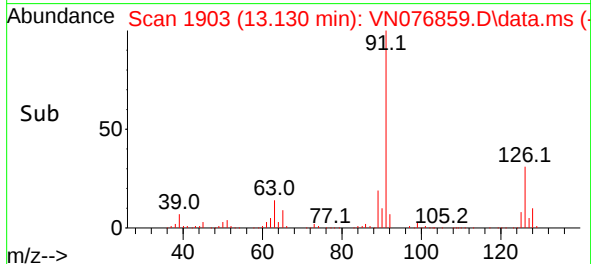
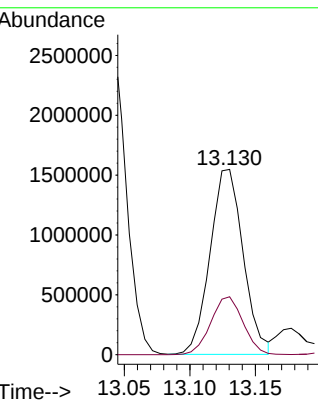
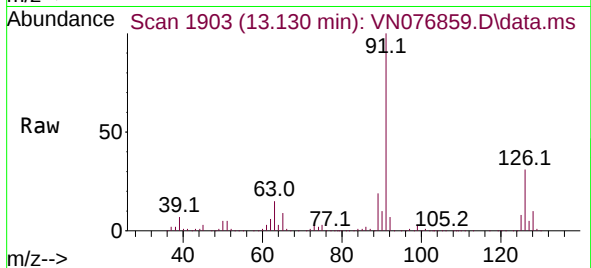
126 30.6 17.7 53.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#80

1,3,5-Trimethylbenzene

Concen: 98.804 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN076859.D

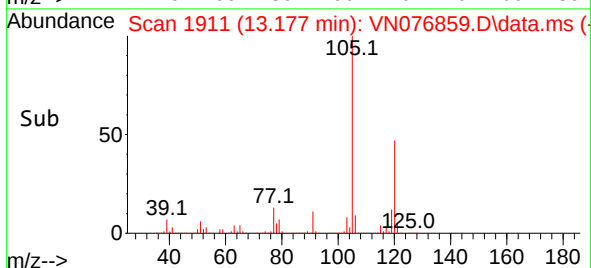
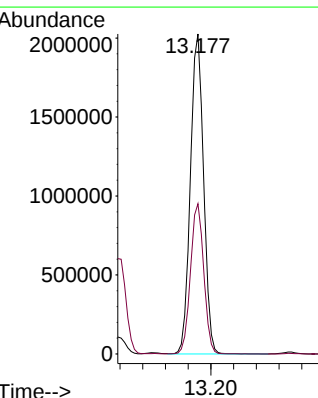
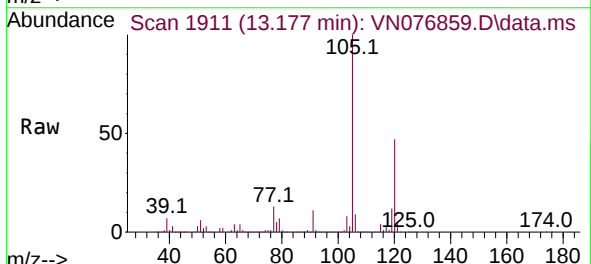
Acq: 06 Mar 2023 20:27

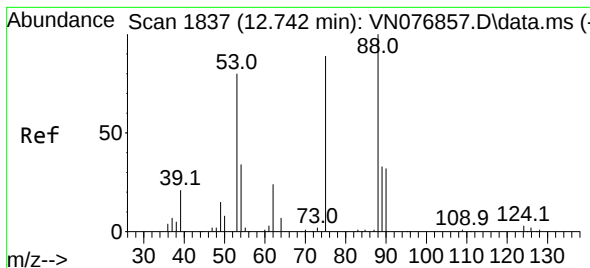
Tgt Ion:105 Resp: 3262429

Ion Ratio Lower Upper

105 100

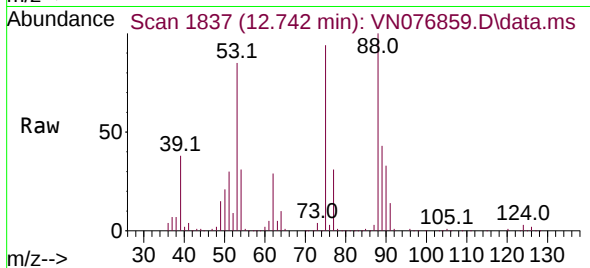
120 47.1 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 102.020 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

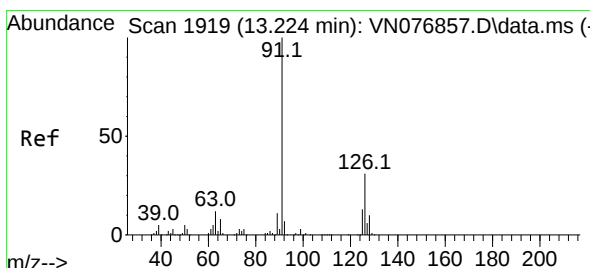
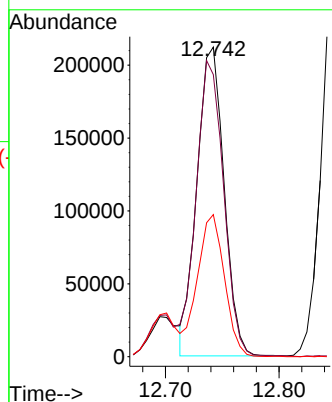
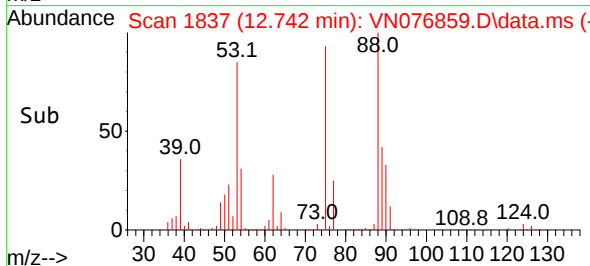
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



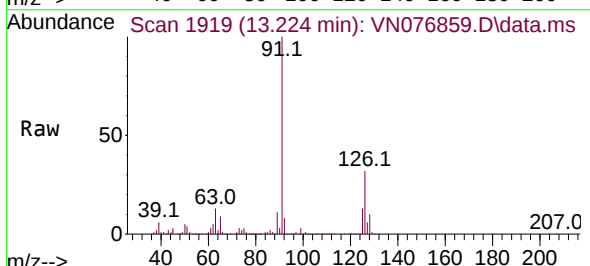
Tgt Ion: 75 Resp: 352598
Ion Ratio Lower Upper
75 100
53 98.9 67.4 101.0
89 46.1 39.5 59.3

Manual Integrations
APPROVED

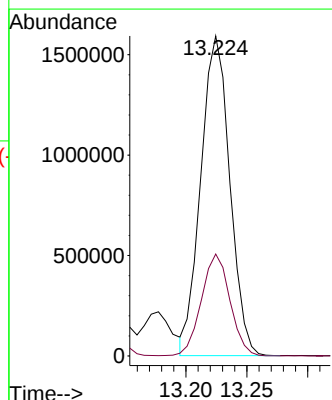
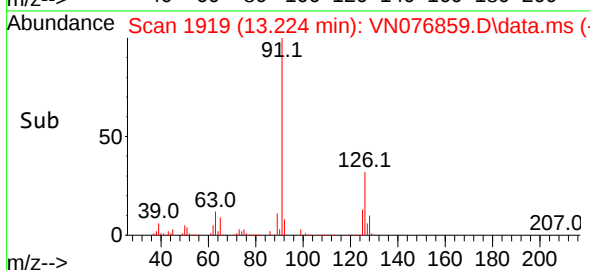
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023

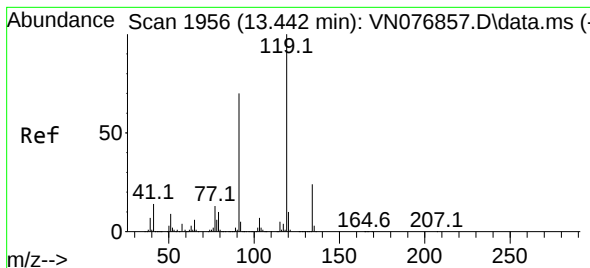


#82
4-Chlorotoluene
Concen: 96.625 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27



Tgt Ion: 91 Resp: 2639986
Ion Ratio Lower Upper
91 100
126 31.4 18.0 54.0





#83

tert-Butylbenzene

Concen: 97.681 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 2756160

Ion Ratio Lower Upper

119 100

91 70.8 31.9 95.5

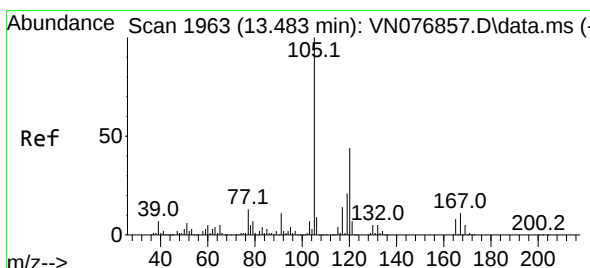
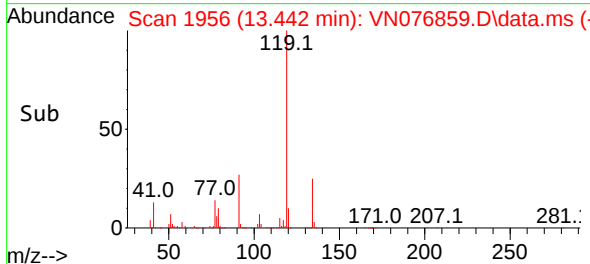
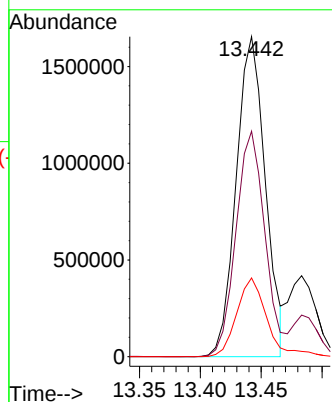
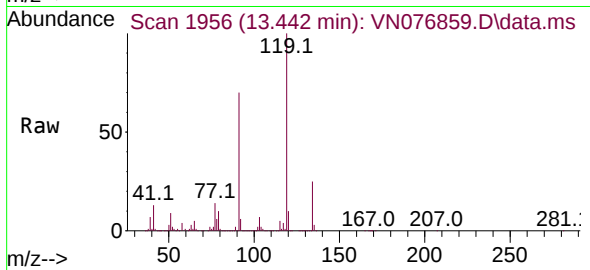
134 25.6 13.8 41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#84

1,2,4-Trimethylbenzene

Concen: 99.532 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN076859.D

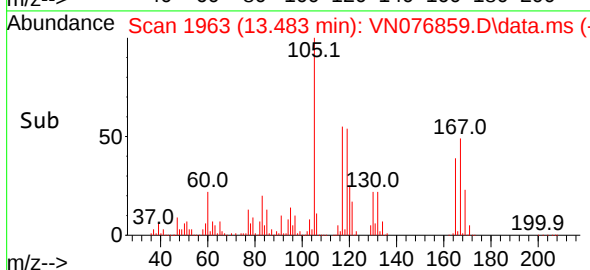
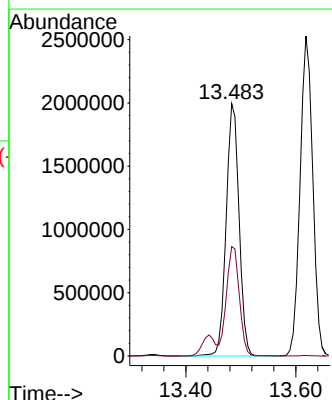
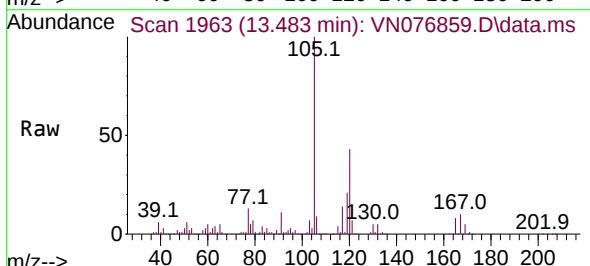
Acq: 06 Mar 2023 20:27

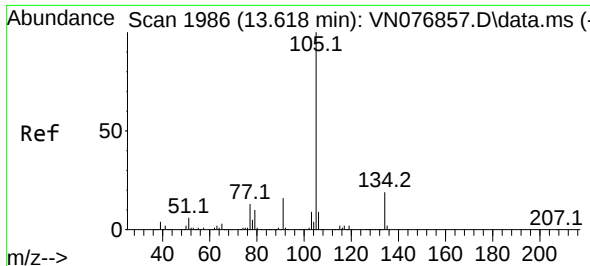
Tgt Ion:105 Resp: 3241820

Ion Ratio Lower Upper

105 100

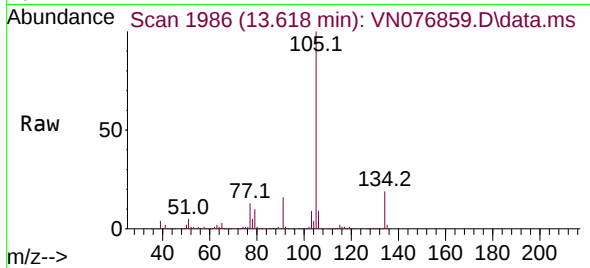
120 43.2 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 102.467 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076859.D
 Acq: 06 Mar 2023 20:27

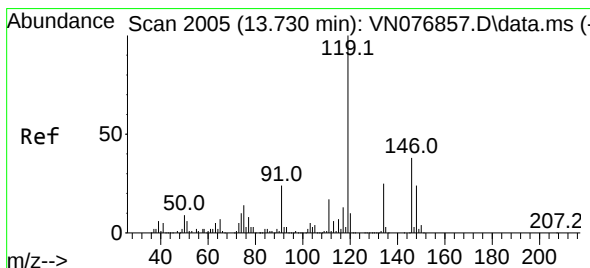
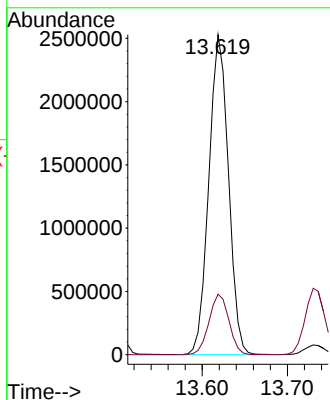
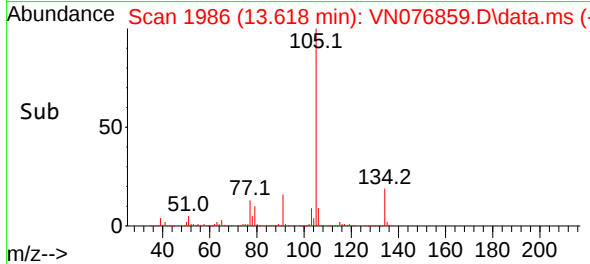
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



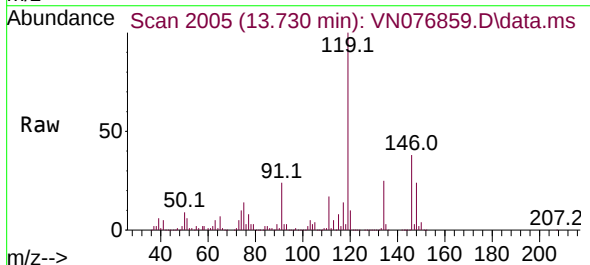
Tgt Ion:105 Resp: 4036638
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.2

Manual Integrations
 APPROVED

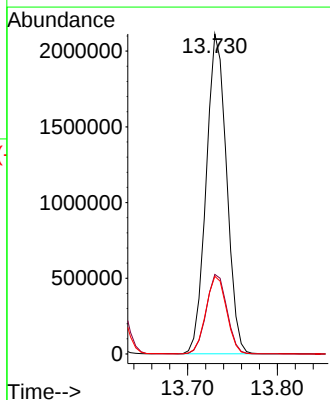
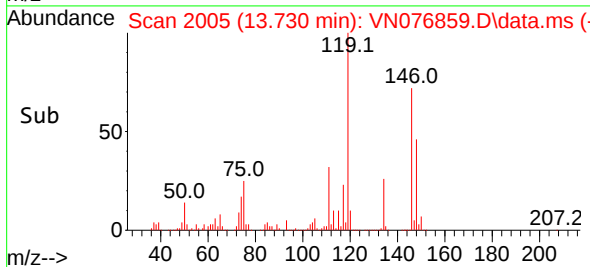
Reviewed By :John Carbone 03/07/2023
 Supervised By :Semsettin Yesilyurt 03/07/2023

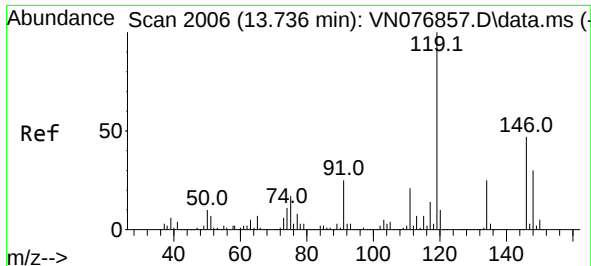


#86
 p-Isopropyltoluene
 Concen: 105.674 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076859.D
 Acq: 06 Mar 2023 20:27



Tgt Ion:119 Resp: 3329721
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.5 40.5
 91 24.7 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 96.843 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 1541579

Ion Ratio Lower Upper

146 100

111 43.5 20.4 61.2

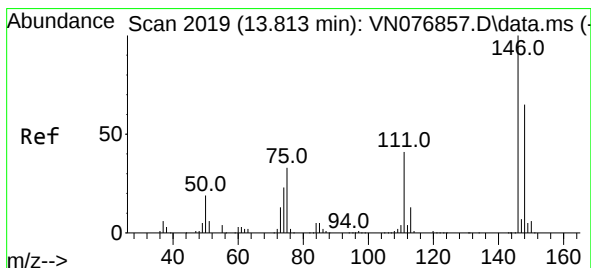
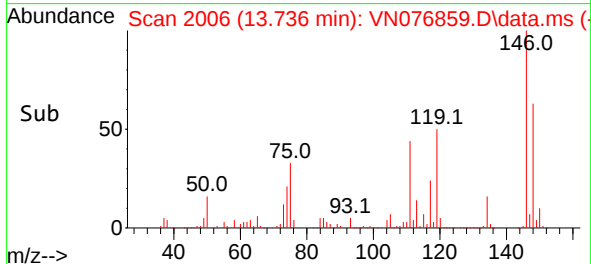
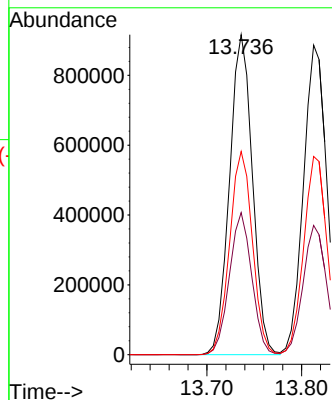
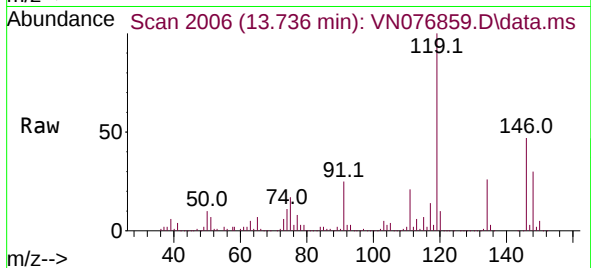
148 63.4 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#88

1,4-Dichlorobenzene

Concen: 93.920 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

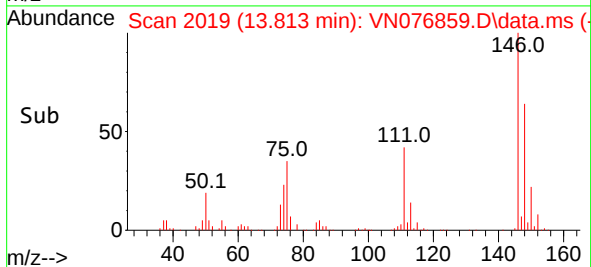
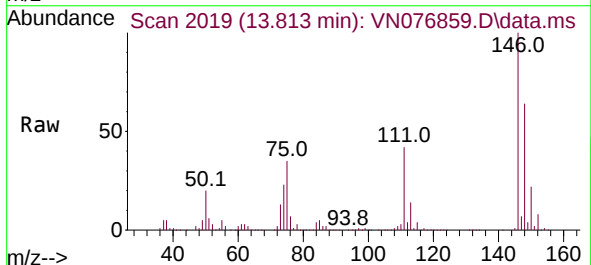
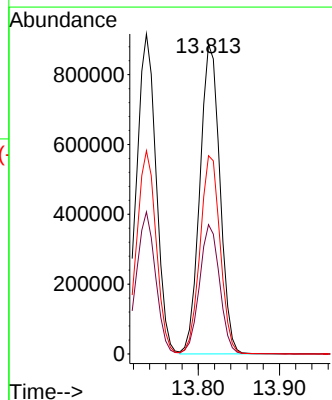
Tgt Ion:146 Resp: 1518062

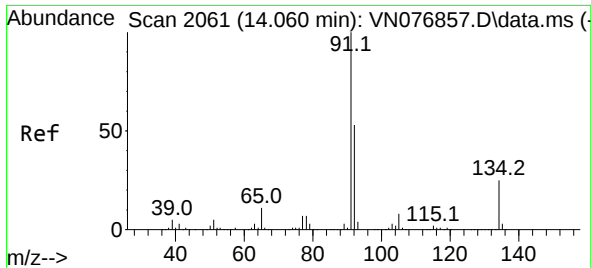
Ion Ratio Lower Upper

146 100

111 41.6 20.0 60.0

148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 109.352 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

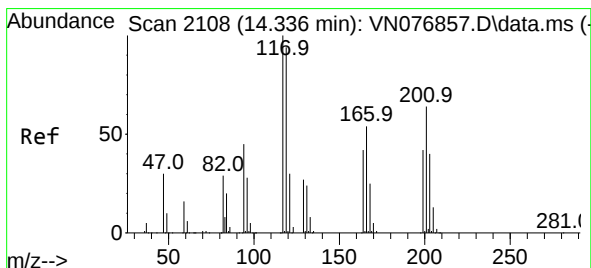
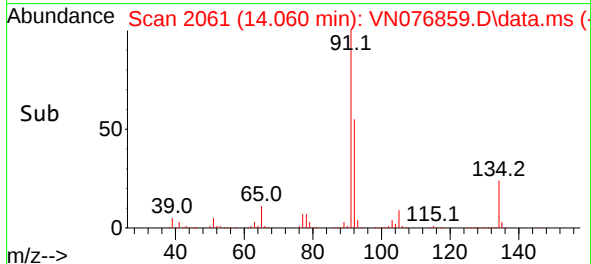
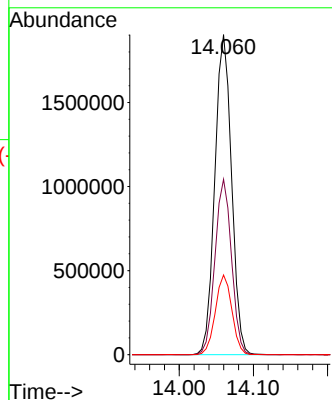
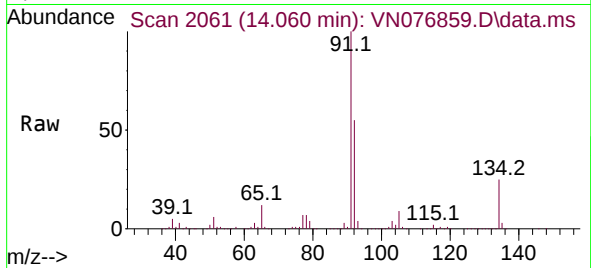
VSTDIC100

Tgt Ion: 91 Resp: 297673
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.7
134 24.7 13.6 40.7

Manual Integrations

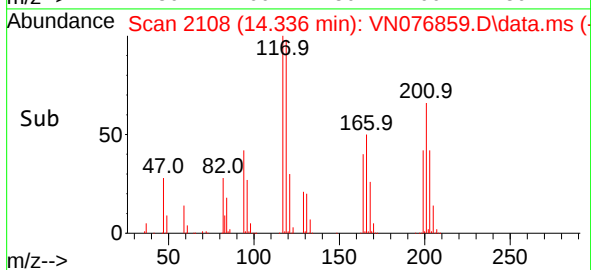
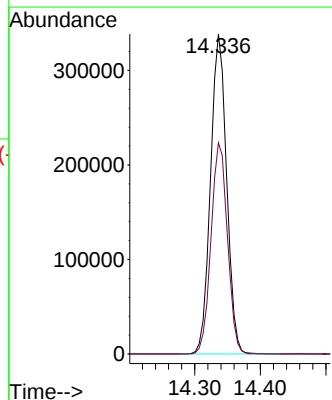
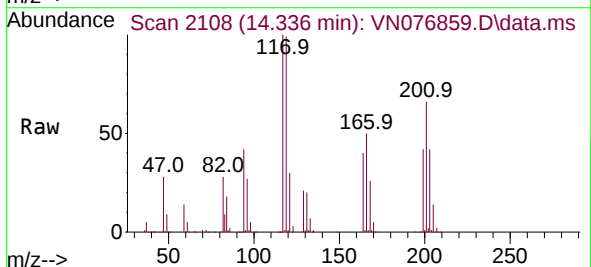
APPROVED

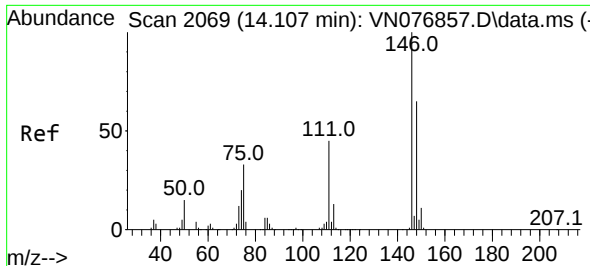
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#90
Hexachloroethane
Concen: 101.472 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

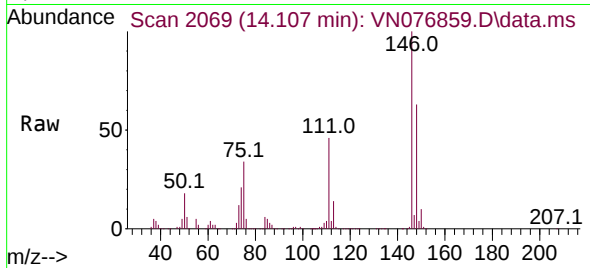
Tgt Ion:117 Resp: 577680
Ion Ratio Lower Upper
117 100
201 67.2 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 93.766 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

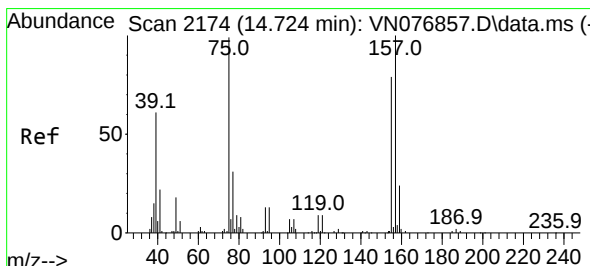
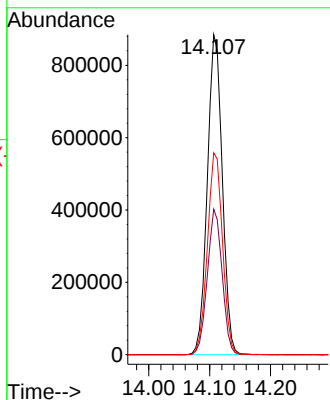
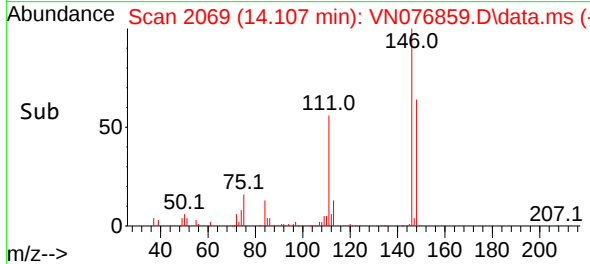
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 1511954
Ion Ratio Lower Upper
146 100
111 44.9 21.4 64.2
148 63.7 32.0 96.0

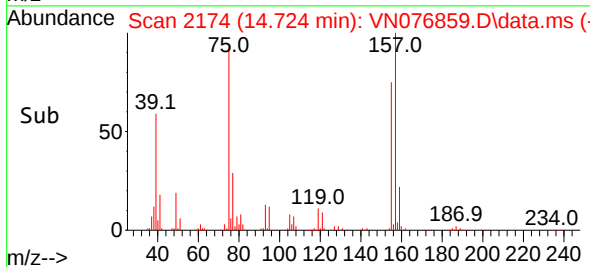
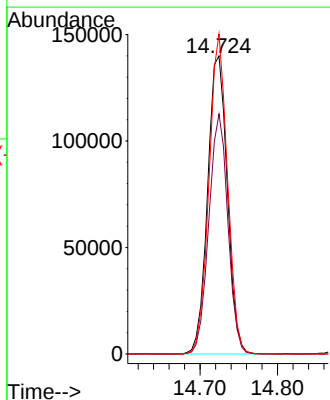
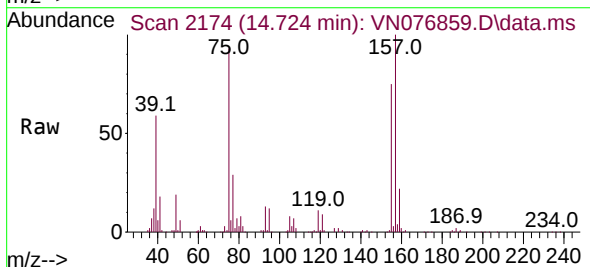
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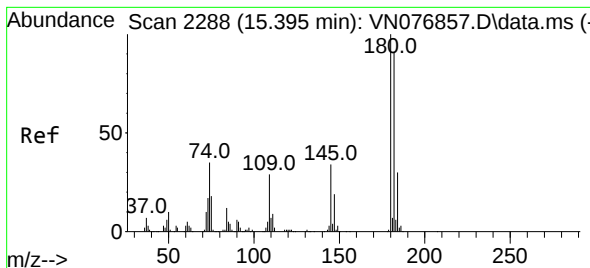
Reviewed By :John Carlone 03/07/2023
Supervised By :Semsettin Yesilyurt 03/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 103.191 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

Tgt Ion: 75 Resp: 246879
Ion Ratio Lower Upper
75 100
155 77.7 44.3 132.8
157 100.9 58.3 174.8





#93

1,2,4-Trichlorobenzene

Concen: 111.486 ug/l

RT: 15.395 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:180 Resp: 899330

Ion Ratio Lower Upper

180 100

182 94.3 47.4 142.2

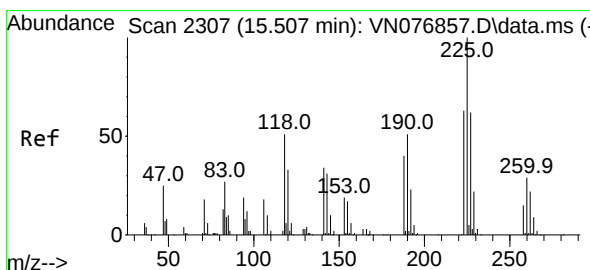
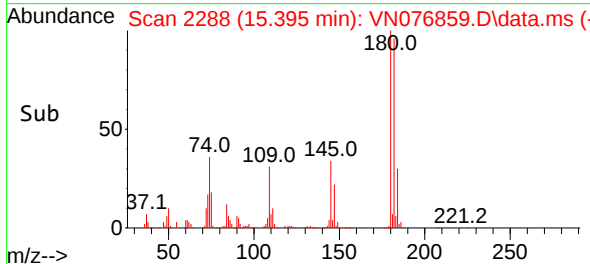
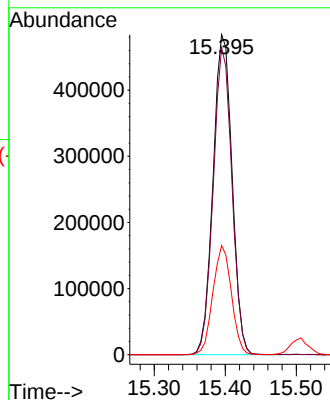
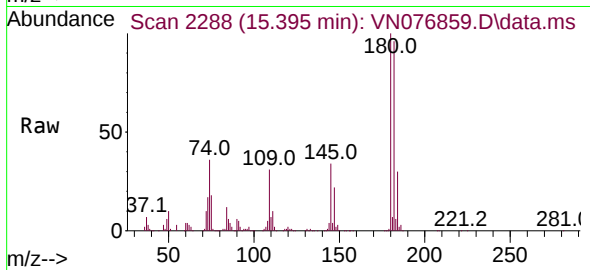
145 33.2 15.8 47.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2023

Supervised By :Semsettin Yesilyurt 03/07/2023



#94

Hexachlorobutadiene

Concen: 97.966 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076859.D

Acq: 06 Mar 2023 20:27

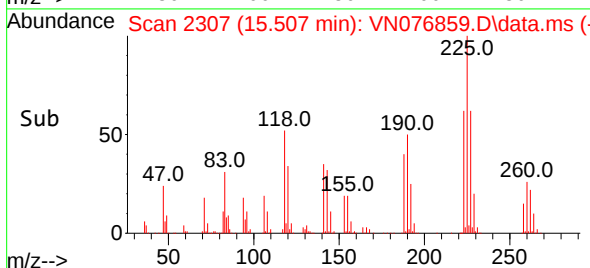
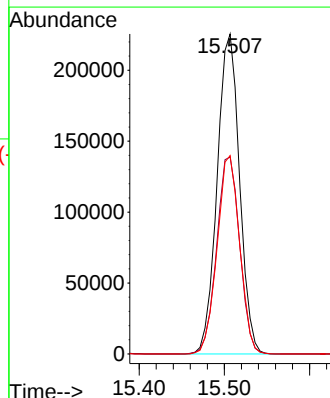
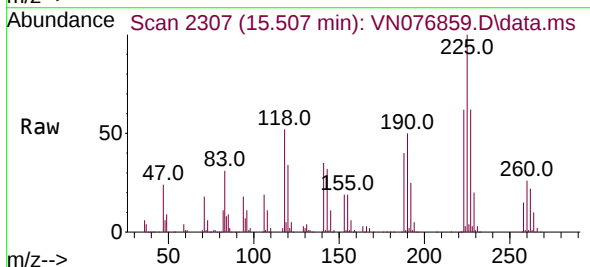
Tgt Ion:225 Resp: 411477

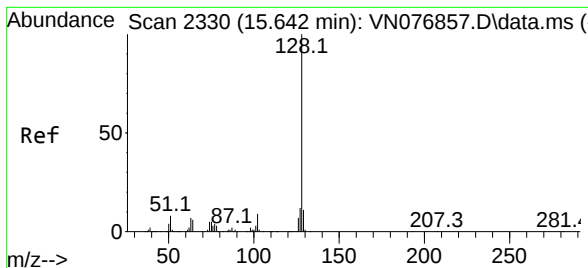
Ion Ratio Lower Upper

225 100

223 63.2 31.4 94.0

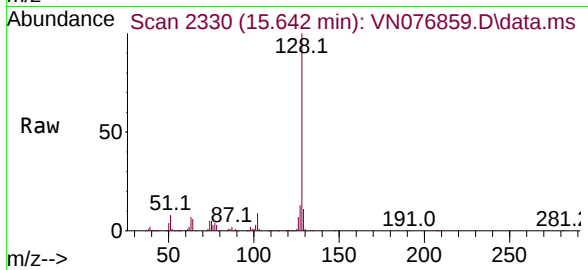
227 62.2 30.9 92.7





#95
Naphthalene
Concen: 117.127 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27

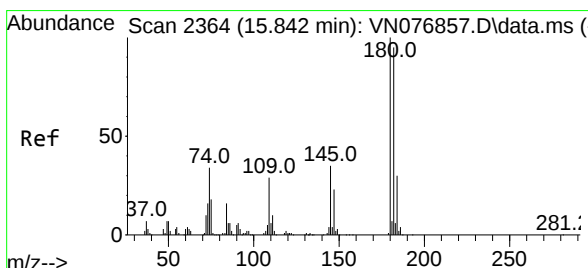
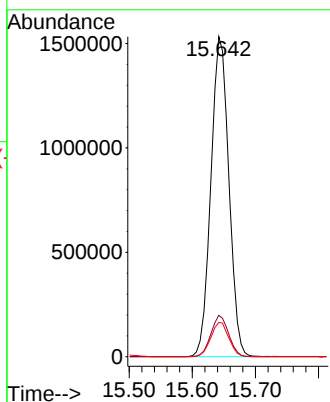
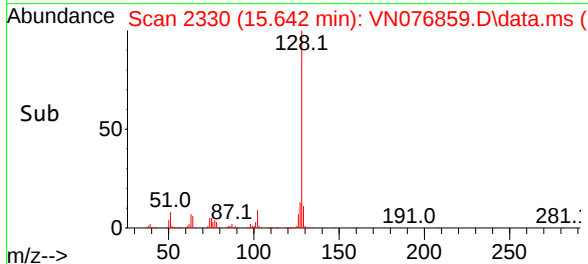
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



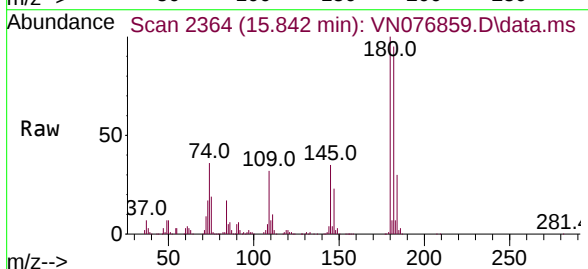
Tgt Ion:128 Resp: 3026460
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 108.330 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076859.D
Acq: 06 Mar 2023 20:27



Tgt Ion:180 Resp: 858912
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 35.6 17.0 51.0

