

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080323\
 Data File : VN078743.D
 Acq On : 03 Aug 2023 10:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023

Quant Time: Aug 04 06:29:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080123W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 02 04:51:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	90597	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	543549	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	428118	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	206013	30.336	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.133%			
60) 4-Bromofluorobenzene	12.853	95	183895	28.662	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 95.533%			
63) Toluene-d8	10.571	98	640138	30.268	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	103081	18.038	ug/l	100
3) Chloromethane	2.371	50	188719	26.828	ug/l	95
4) Vinyl Chloride	2.524	62	207966	21.755	ug/l #	89
5) Bromomethane	2.971	94	131816	18.447	ug/l	95
6) Chloroethane	3.130	64	131403	21.106	ug/l	95
7) Trichlorofluoromethane	3.506	101	198615	20.254	ug/l	96
8) Diethyl Ether	3.977	74	63245	19.755	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.389	101	104872	19.924	ug/l	93
10) 1,1-Dichloroethene	4.353	96	102199	20.248	ug/l	93
11) Methyl Iodide	4.600	142	125250	17.654	ug/l	96
12) Methyl Acetate	5.042	43	158931	19.413	ug/l	98
13) Acrolein	4.195	56	77915	89.372	ug/l	99
14) Acrylonitrile	5.730	53	232364	96.927	ug/l	97
15) Acetone	4.447	58	61316	88.278	ug/l	97
16) Carbon Disulfide	4.718	76	271896	19.070	ug/l	97
17) Allyl chloride	5.036	41	127938	18.564	ug/l	94
18) Methylene Chloride	5.294	84	125255	20.684	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	114258	19.579	ug/l #	91
20) Diisopropyl ether	6.683	45	328923	21.198	ug/l	96
21) 1,1-Dichloroethane	6.583	63	215713	20.994	ug/l	96
22) cis-1,2-Dichloroethene	7.500	96	136621	20.846	ug/l	96
23) tert-Butyl Alcohol	5.524	59	88535	90.378	ug/l #	100
24) Methyl tert-Butyl Ether	5.806	73	333293	19.637	ug/l	96
25) Chloroform	7.971	83	233991	21.510	ug/l	98
26) Cyclohexane	8.265	56	148405	19.608	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	160958	20.125	ug/l	99
30) 2-Butanone	7.494	43	298702	94.477	ug/l	99
31) 2,2-Dichloropropane	7.500	77	176931	19.279	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	203671	20.128	ug/l	98
33) Carbon Tetrachloride	8.371	117	185673	20.659	ug/l	97
34) Benzene	8.618	78	501946	20.893	ug/l	99
35) Methacrylonitrile	7.788	41	62746	18.073	ug/l	89
36) 1,2-Dichloroethane	8.677	62	175809	20.836	ug/l	99
37) Trichloroethene	9.359	130	131204	19.461	ug/l	92
38) Methylcyclohexane	9.606	83	144748	17.614	ug/l	96
39) 1,2-Dichloropropane	9.629	63	128126	19.894	ug/l	93
40) Dibromomethane	9.718	93	92923	20.846	ug/l	99
41) Bromodichloromethane	9.894	83	191183	21.453	ug/l	99
42) Vinyl Acetate	6.618	43	962529	94.693	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	137708	21.068	ug/l	99
44) Isopropyl Acetate	8.694	43	217169	18.937	ug/l	100
45) 1,4-Dioxane	9.706	88	38674	366.612	ug/l	89
46) Methyl methacrylate	9.688	41	101309	19.291	ug/l	90
47) n-amyl Acetate	12.500	43	156521	17.722	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	209828	22.060	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	201473	19.943	ug/l	94
50) 1,1,2-Trichloroethane	11.024	97	143263	22.704	ug/l	97
51) Ethyl methacrylate	10.882	69	189453	21.930	ug/l	95
52) 1,3-Dichloropropane	11.171	76	211140	18.617	ug/l	98
53) Dibromochloromethane	11.365	129	139788	19.610	ug/l	100
54) 1,2-Dibromoethane	11.471	107	124450	19.641	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	274331	99.654	ug/l	99
56) Bromoform	12.582	173	91363	19.588	ug/l	96
58) 4-Methyl-2-Pentanone	10.453	43	643789	100.466	ug/l	99
59) 2-Hexanone	11.200	43	458885	94.578	ug/l	97
61) Tetrachloroethene	11.112	164	123487	21.935	ug/l	97
62) Toluene	10.635	91	542410	21.063	ug/l	99
64) Chlorobenzene	11.900	112	321816	21.405	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	133462	22.508	ug/l	99
66) Ethyl Benzene	11.970	91	551940	21.266	ug/l	98
67) m/p-Xylenes	12.076	106	421809	42.548	ug/l	99
68) o-Xylene	12.406	106	205061	20.328	ug/l	97
69) Styrene	12.418	104	321751	19.824	ug/l	100
70) Isopropylbenzene	12.700	105	518569	20.780	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	163090	20.119	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	147411m	21.677	ug/l	
73) Bromobenzene	12.988	156	123284	20.156	ug/l	97
74) n-propylbenzene	13.041	91	559399	20.225	ug/l	100
75) 2-Chlorotoluene	13.129	91	364883	19.102	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	426157	19.127	ug/l	96
77) t-1,4-Dichloro-2-butene	12.741	75	44842	18.868	ug/l	86
78) 4-Chlorotoluene	13.229	91	336068	18.222	ug/l	97
79) tert-butylbenzene	13.441	119	347990	18.146	ug/l	97
80) 1,2,4-Trimethylbenzene	13.488	105	399484	18.773	ug/l	100
81) sec-Butylbenzene	13.623	105	456506	18.572	ug/l	99
82) p-Isopropyltoluene	13.735	119	362767	17.977	ug/l	100
83) 1,3-Dichlorobenzene	13.735	146	204886	18.889	ug/l	98
84) 1,4-Dichlorobenzene	13.817	146	187533	18.468	ug/l	99
85) n-Butylbenzene	14.064	91	233356	16.676	ug/l	99
86) Hexachloroethane	14.335	117	70998	19.310	ug/l	94
87) 1,2-Dichlorobenzene	14.112	146	198310	19.535	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.723	75	22506	16.348	ug/l	91
89) 1,2,4-Trichlorobenzene	15.400	180	44732	15.444	ug/l	99
90) Hexachlorobutadiene	15.506	225	40124	18.184	ug/l	94
91) Naphthalene	15.647	128	114224	13.018	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	52269	15.858	ug/l	99

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

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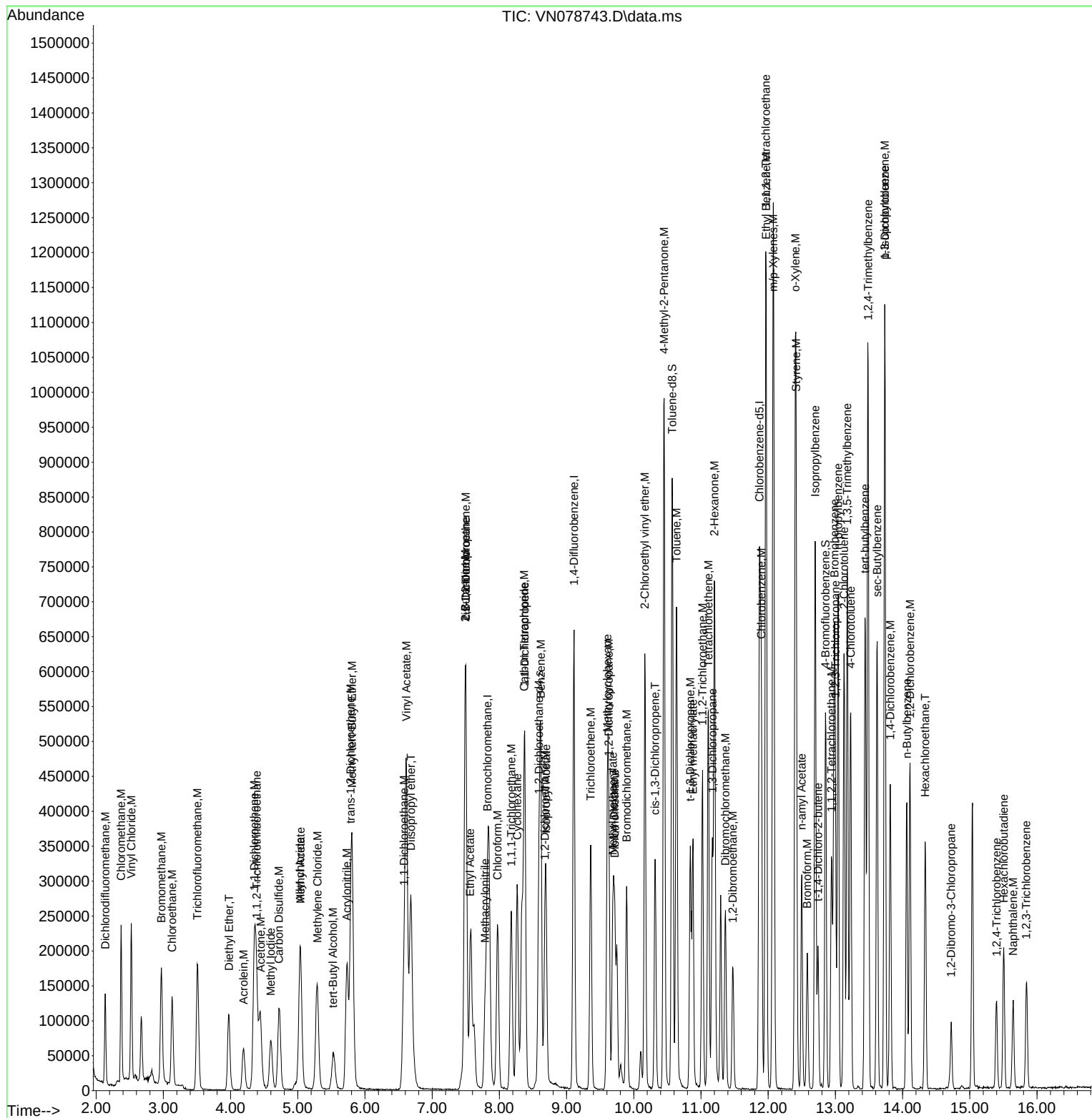
VSTDCCC020

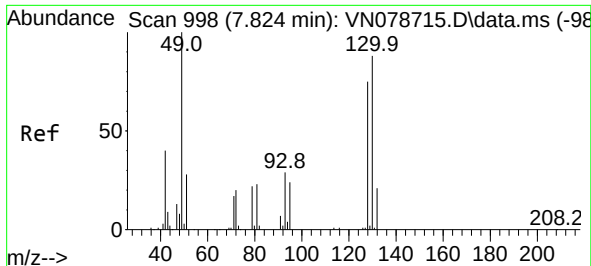
Manual Integrations

APPROVED

Reviewed By : Mahesh Dadoda 08/04/2023
 Supervised By : Semsettin Yesilyurt 08/04/2023

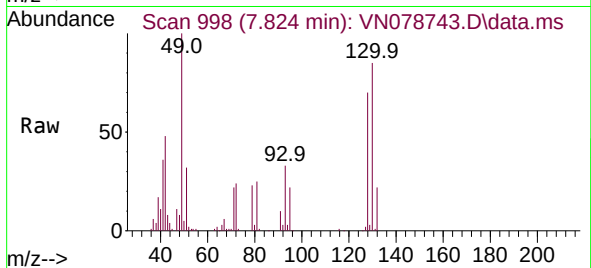
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

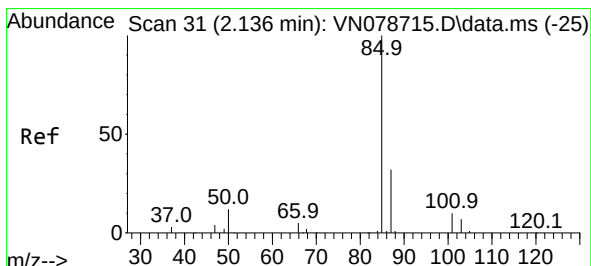
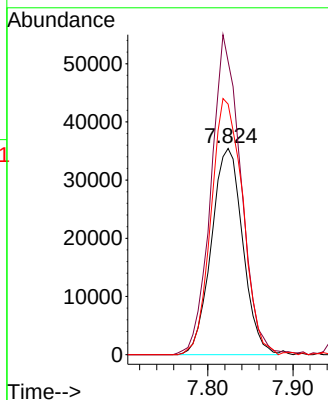
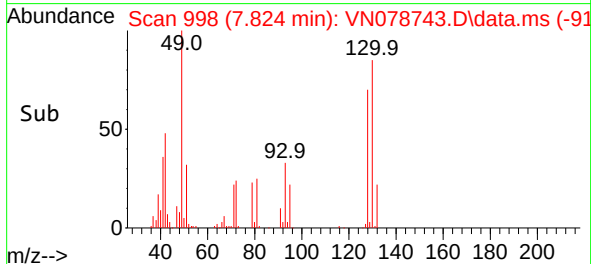
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



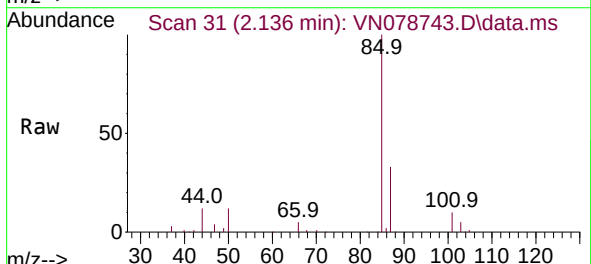
Tgt Ion:128 Resp: 9059
Ion Ratio Lower Upper
128 100
49 147.6 0.0 370.8
130 125.6 0.0 307.0

Manual Integrations
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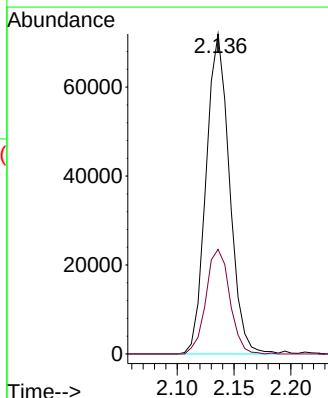
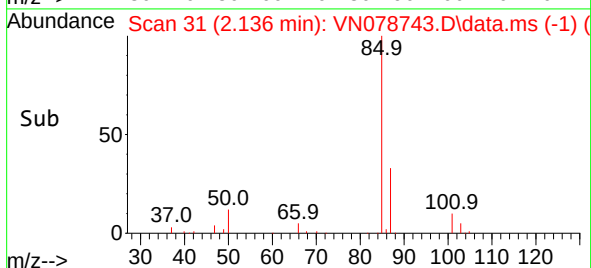
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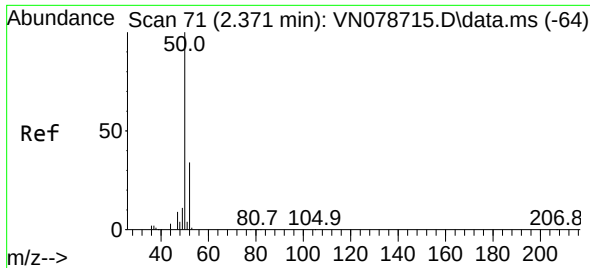


#2
Dichlorodifluoromethane
Concen: 18.038 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



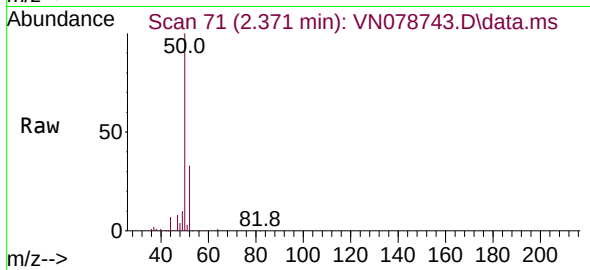
Tgt Ion: 85 Resp: 103081
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.4





#3
Chloromethane
Concen: 26.828 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

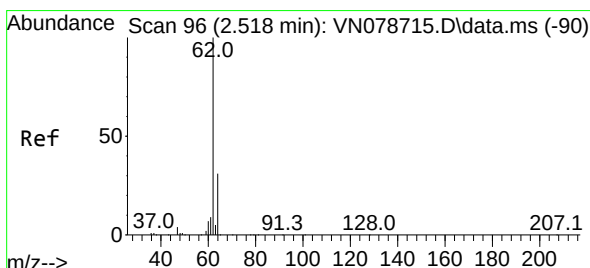
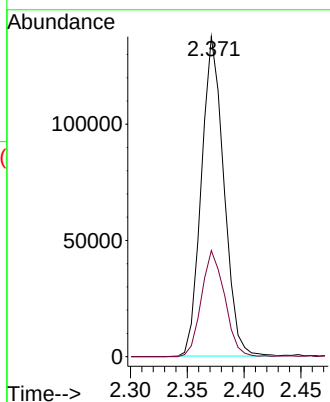
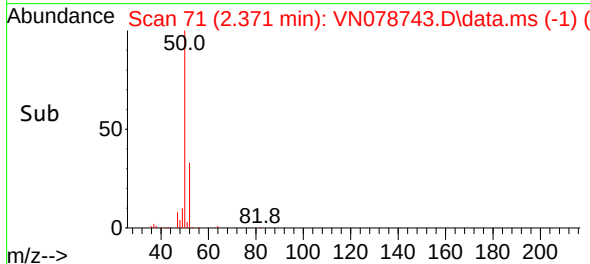
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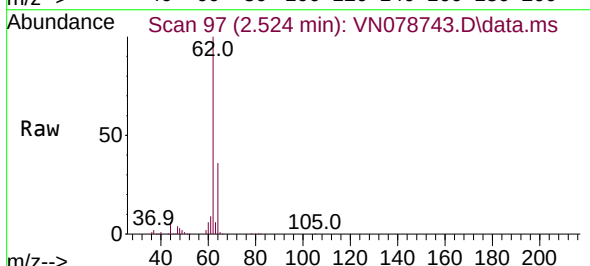
Tgt Ion: 50 Resp: 188719
Ion Ratio Lower Upper
50 100
52 33.2 24.6 36.8

Manual Integrations
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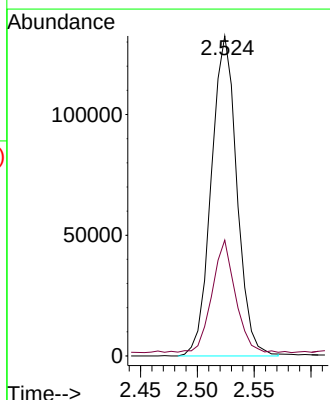
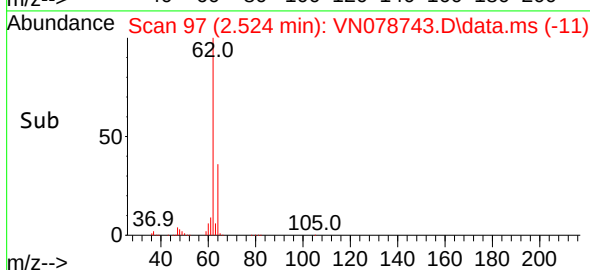
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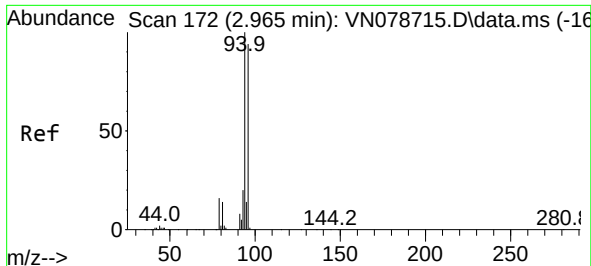


#4
Vinyl Chloride
Concen: 21.755 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



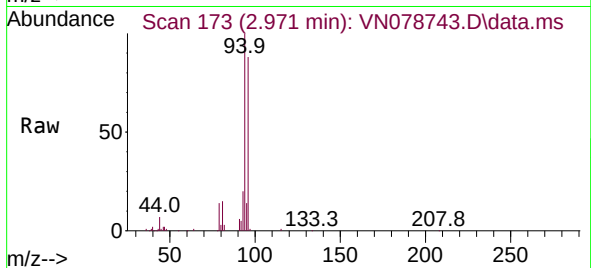
Tgt Ion: 62 Resp: 207966
Ion Ratio Lower Upper
62 100
64 35.0 23.3 34.9





#5
Bromomethane
Concen: 18.447 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

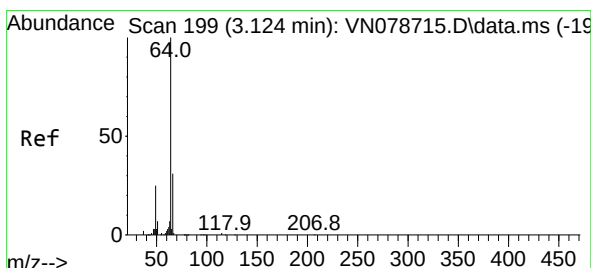
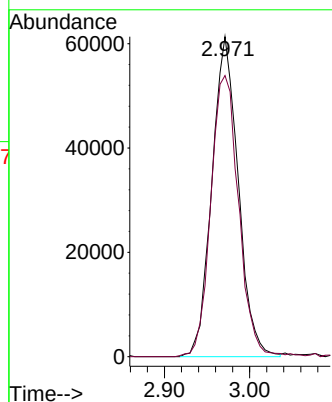
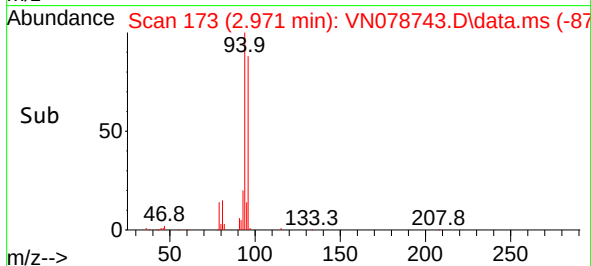
Instrument :
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Tgt Ion: 94 Resp: 131810
Ion Ratio Lower Upper
94 100
96 87.5 73.9 110.9

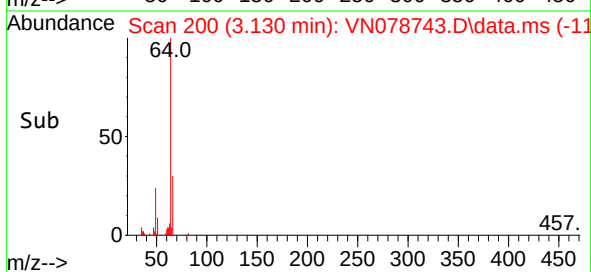
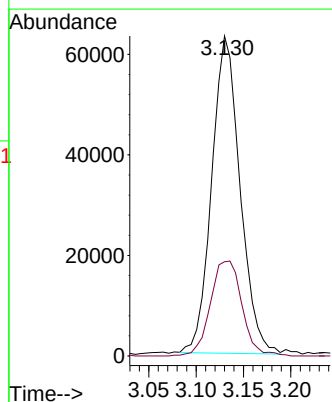
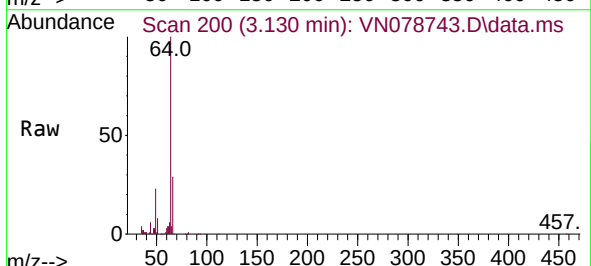
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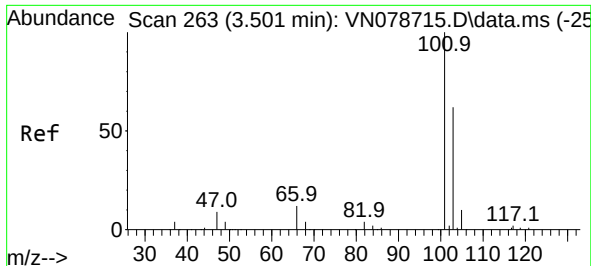
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#6
Chloroethane
Concen: 21.106 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078743.D
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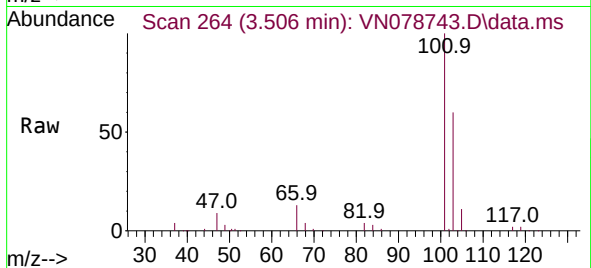
Tgt Ion: 64 Resp: 131403
Ion Ratio Lower Upper
64 100
66 29.5 25.7 38.5





#7
Trichlorofluoromethane
Concen: 20.254 ug/l
RT: 3.506 min Scan# 264
Delta R.T. 0.006 min
Lab File: VN078743.D
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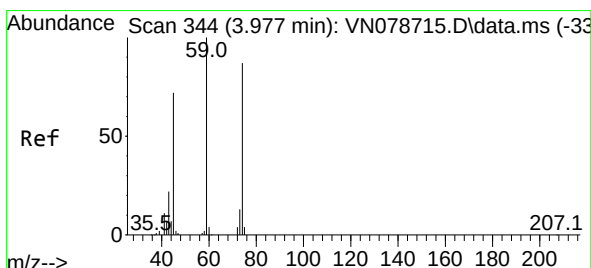
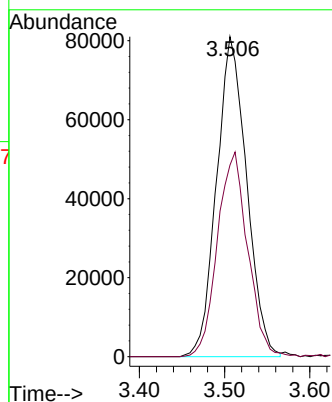
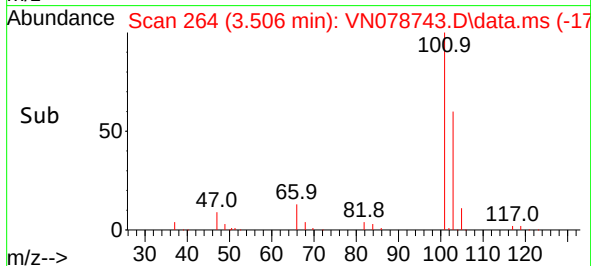
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 198615
Ion Ratio Lower Upper
101 100
103 59.9 50.4 75.6

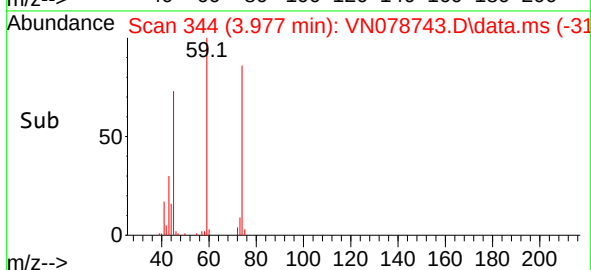
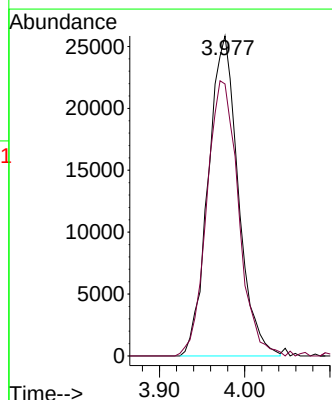
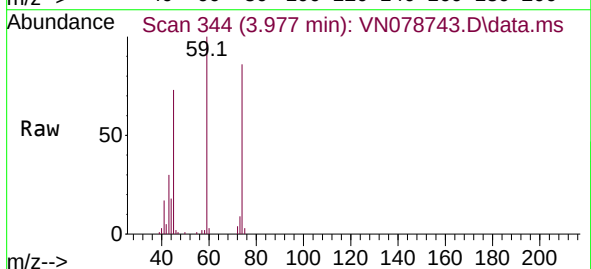
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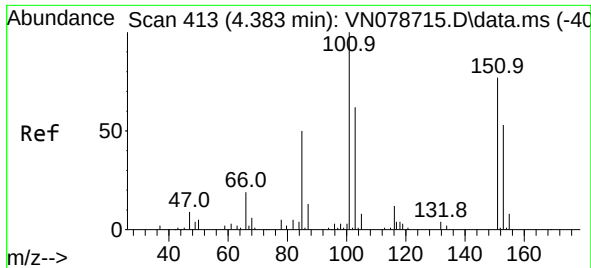
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#8
Diethyl Ether
Concen: 19.755 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.000 min
Lab File: VN078743.D
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Tgt Ion: 74 Resp: 63245
Ion Ratio Lower Upper
74 100
45 90.8 16.3 146.5





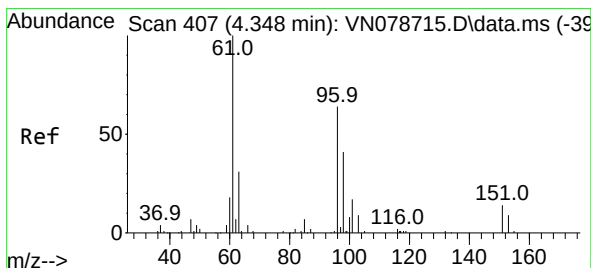
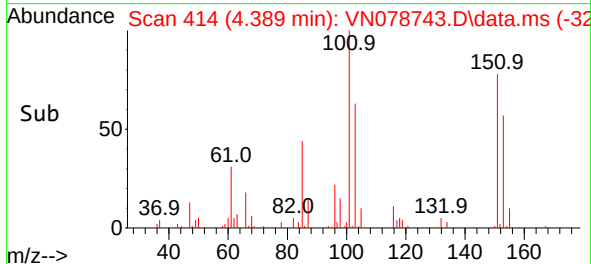
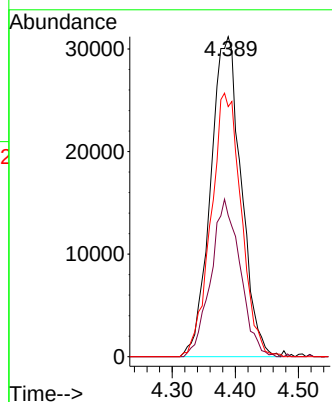
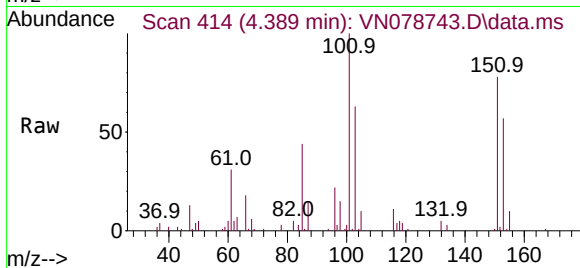
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.924 ug/l
RT: 4.389 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :
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Tgt Ion:101 Resp: 104872
Ion Ratio Lower Upper
101 100
85 47.0 0.0 89.2
151 81.5 0.0 148.8

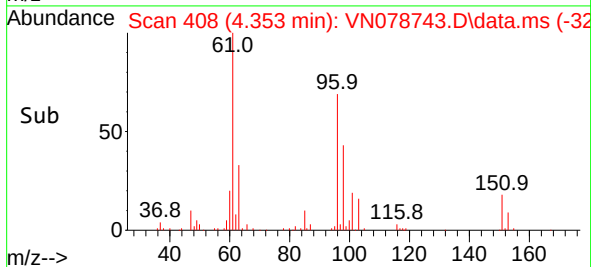
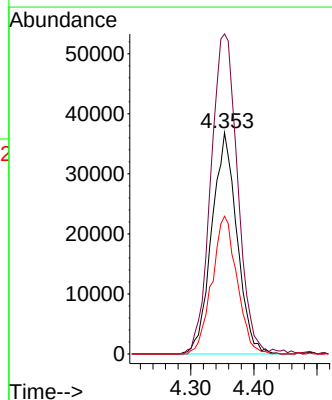
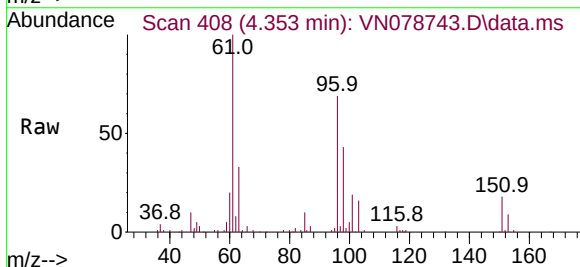
Manual Integrations
APPROVED

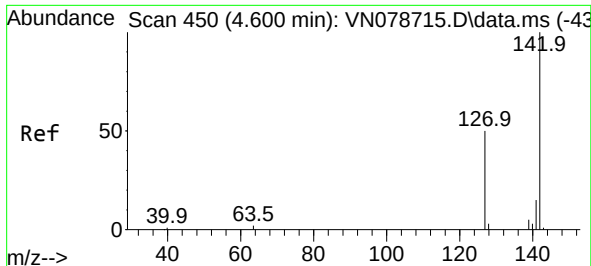
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#10
1,1-Dichloroethene
Concen: 20.248 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion: 96 Resp: 102199
Ion Ratio Lower Upper
96 100
61 144.6 123.4 185.2
98 62.2 53.7 80.5





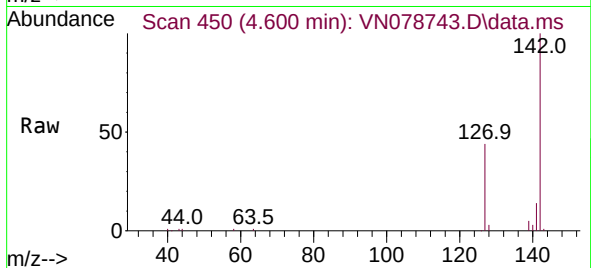
#11
Methyl Iodide
Concen: 17.654 ug/l
RT: 4.600 min Scan# 450
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

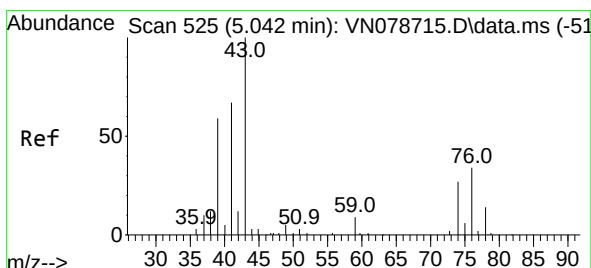
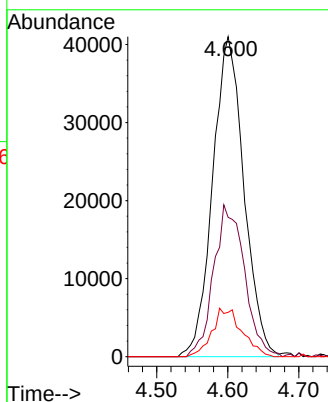
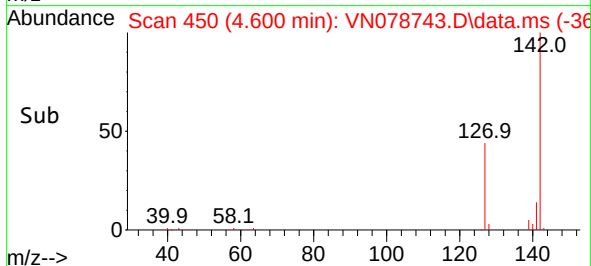


Tgt Ion:142 Resp: 125250
Ion Ratio Lower Upper
142 100
127 43.2 23.2 69.5
141 13.9 7.2 21.7

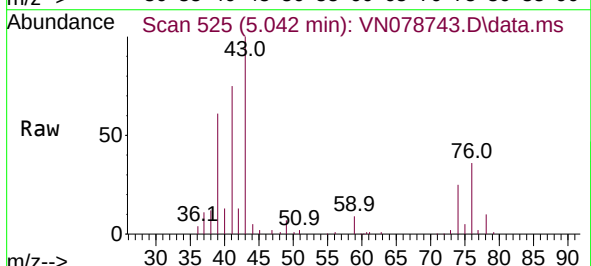
Manual Integrations

APPROVED

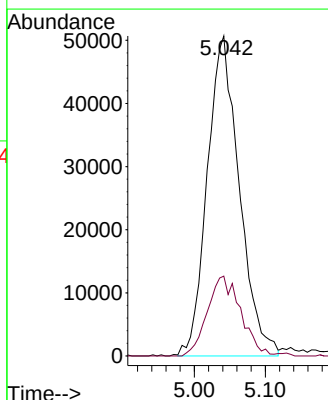
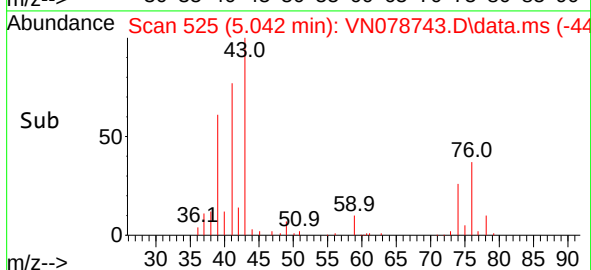
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

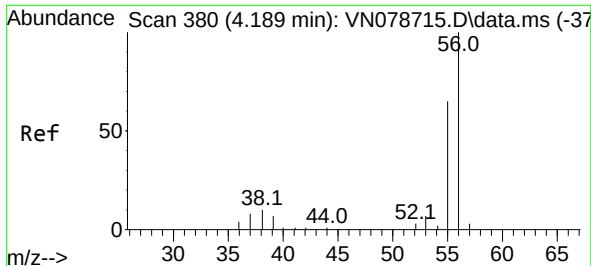


#12
Methyl Acetate
Concen: 19.413 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion: 43 Resp: 158931
Ion Ratio Lower Upper
43 100
74 24.8 20.5 30.7





#13

Acrolein

Concen: 89.372 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 77915

Ion Ratio Lower Upper

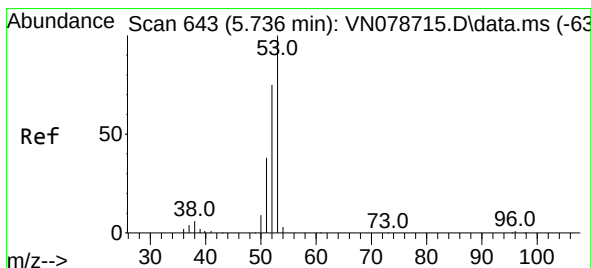
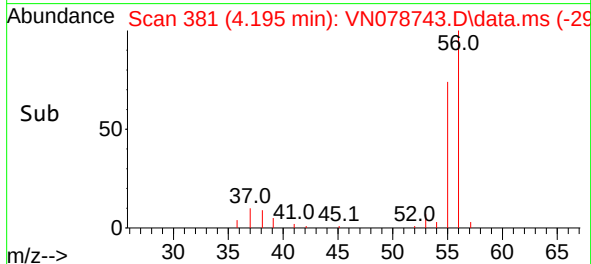
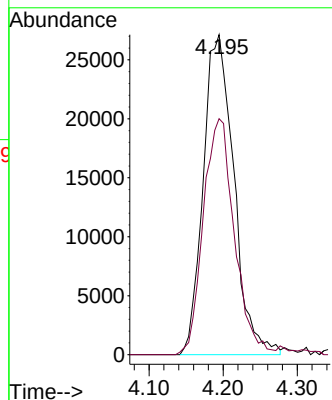
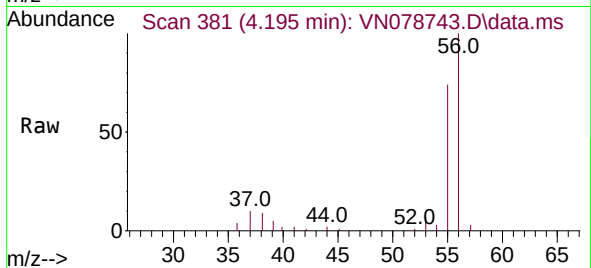
56 100

55 74.6 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#14

Acrylonitrile

Concen: 96.927 ug/l

RT: 5.730 min Scan# 642

Delta R.T. -0.006 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

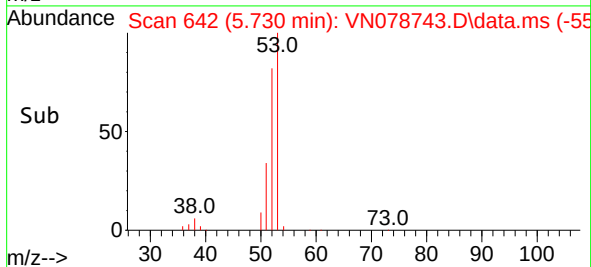
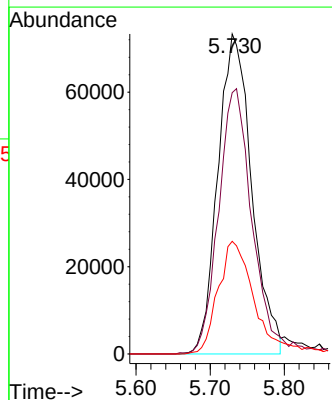
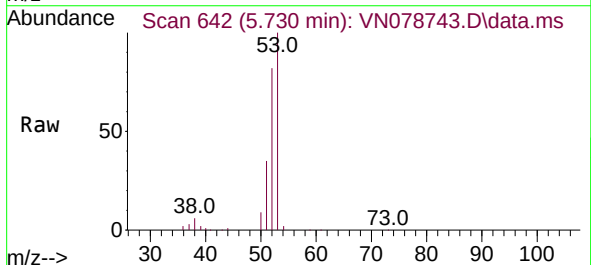
Tgt Ion: 53 Resp: 232364

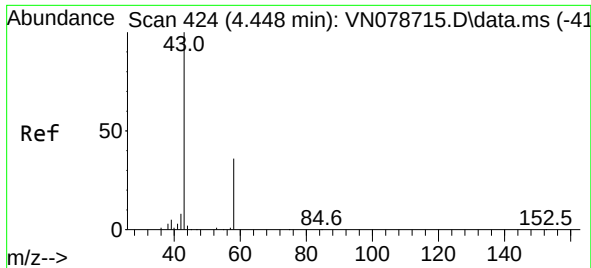
Ion Ratio Lower Upper

53 100

52 80.8 42.3 126.9

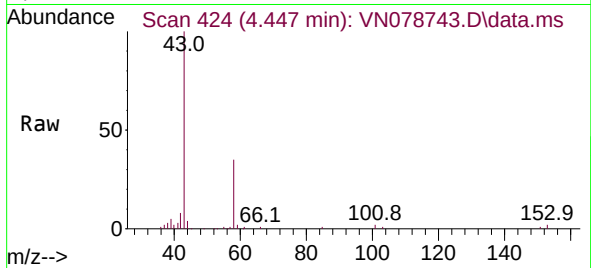
51 37.2 18.4 55.4





#15
Acetone
Concen: 88.278 ug/l
RT: 4.447 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

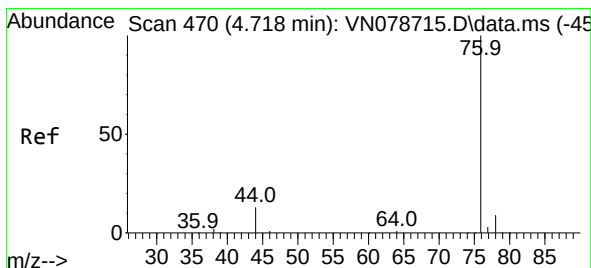
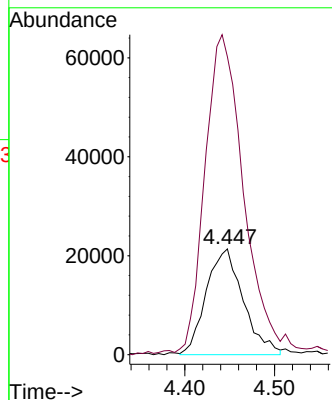
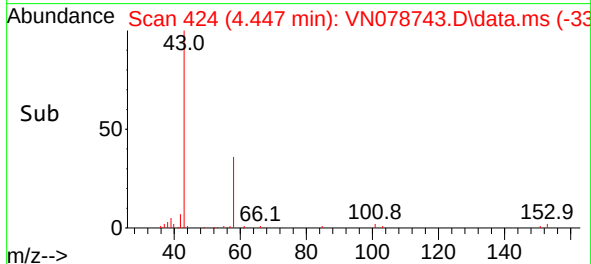
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 61310
Ion Ratio Lower Upper
58 100
43 279.1 227.5 341.3

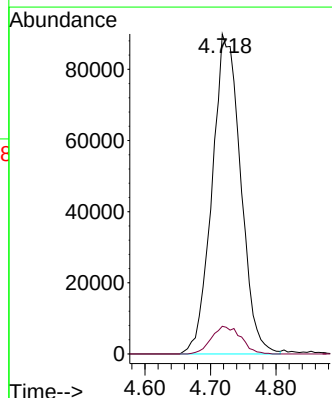
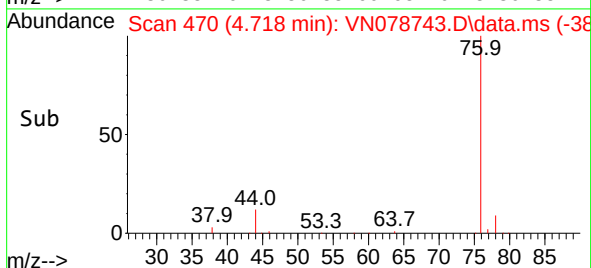
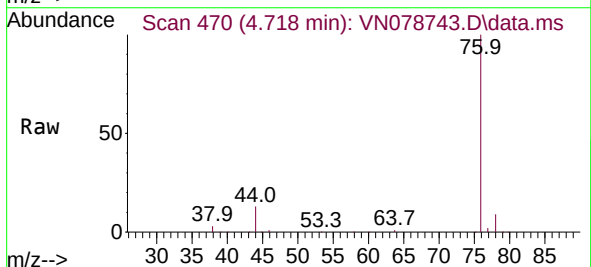
Manual Integrations
APPROVED

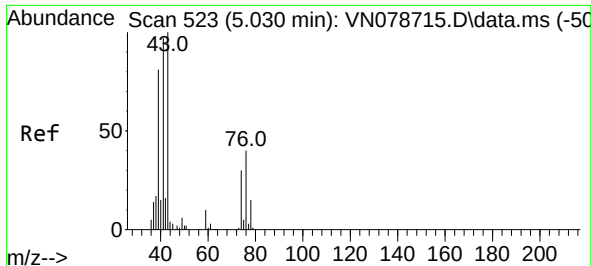
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#16
Carbon Disulfide
Concen: 19.070 ug/l
RT: 4.718 min Scan# 470
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

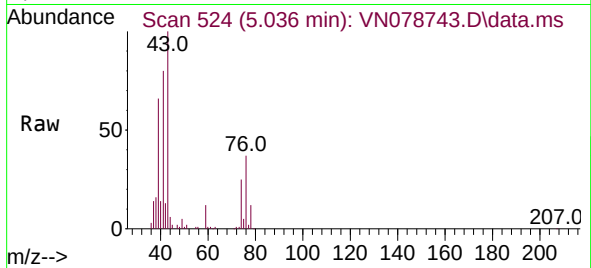
Tgt Ion: 76 Resp: 271896
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5





#17
 Allyl chloride
 Concen: 18.564 ug/l
 RT: 5.036 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

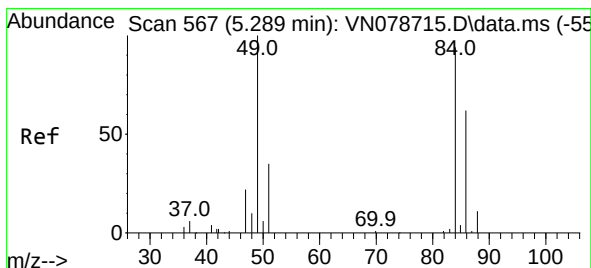
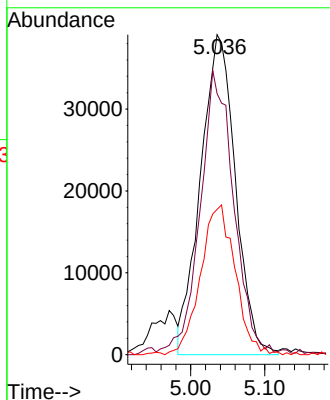
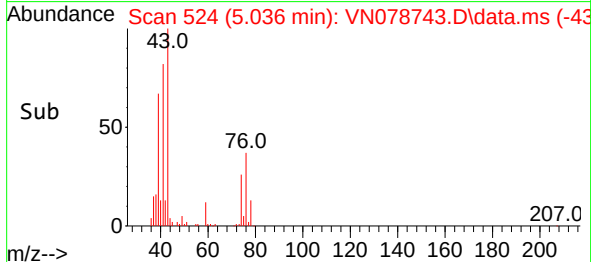
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 127938
 Ion Ratio Lower Upper
 41 100
 39 81.6 37.6 112.8
 76 45.2 23.8 71.4

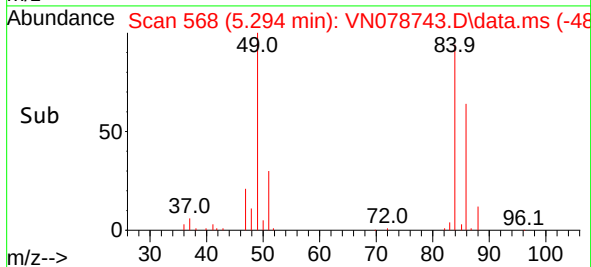
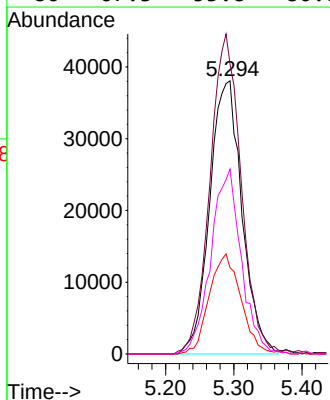
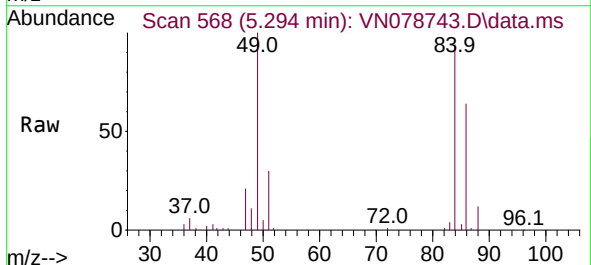
Manual Integrations
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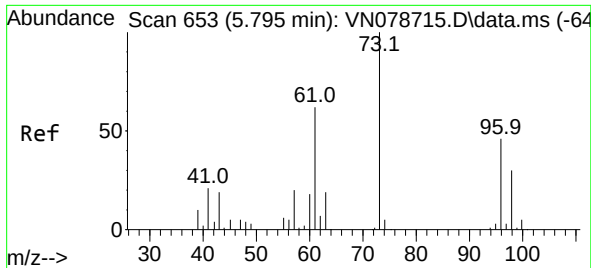
Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#18
 Methylene Chloride
 Concen: 20.684 ug/l
 RT: 5.294 min Scan# 568
 Delta R.T. 0.006 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

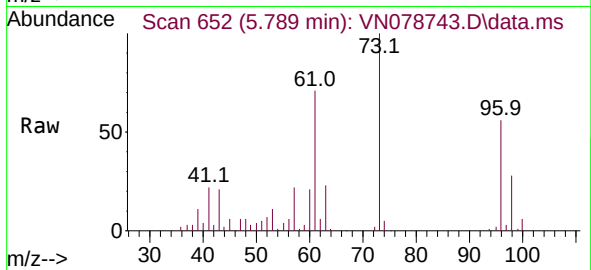
Tgt Ion: 84 Resp: 125255
 Ion Ratio Lower Upper
 84 100
 49 105.1 88.1 132.1
 51 31.5 24.0 36.0
 86 67.3 53.8 80.8





#19
trans-1,2-Dichloroethene
Concen: 19.579 ug/l
RT: 5.789 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

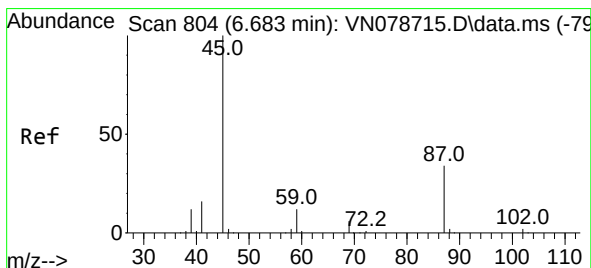
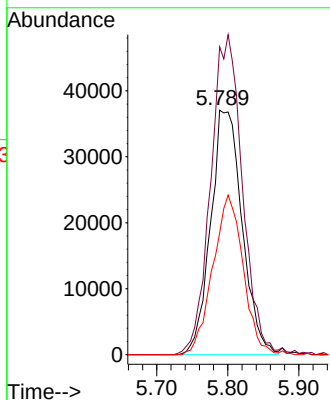
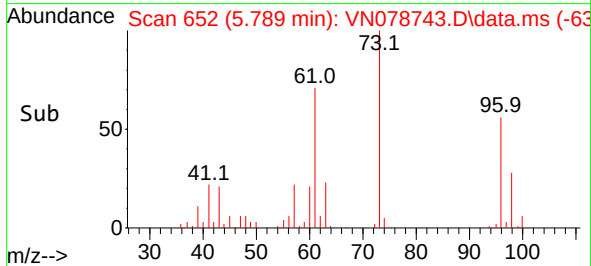
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



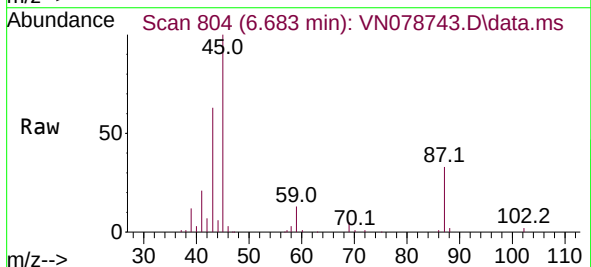
Tgt Ion: 96 Resp: 114258
Ion Ratio Lower Upper
96 100
61 125.3 105.2 157.8
98 49.8 50.5 75.7

Manual Integrations
APPROVED

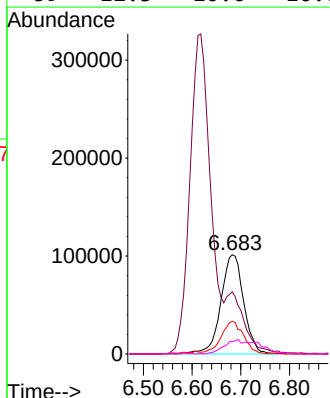
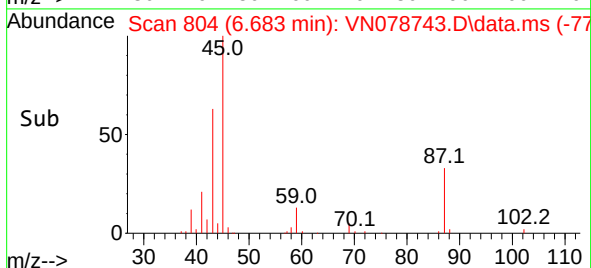
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

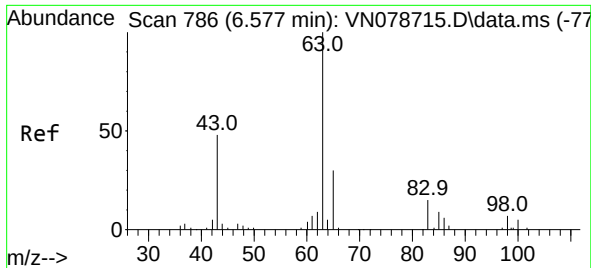


#20
Diisopropyl ether
Concen: 21.198 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion: 45 Resp: 328923
Ion Ratio Lower Upper
45 100
43 59.5 43.6 65.4
87 32.5 25.8 38.6
59 12.3 10.6 16.0





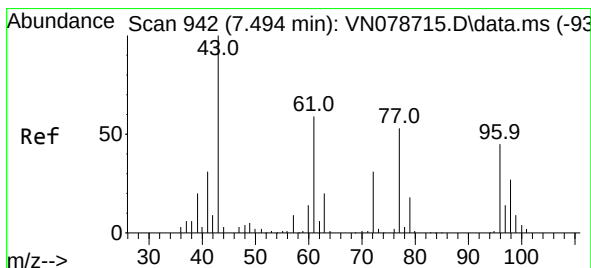
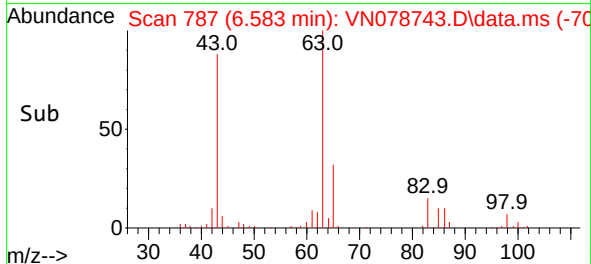
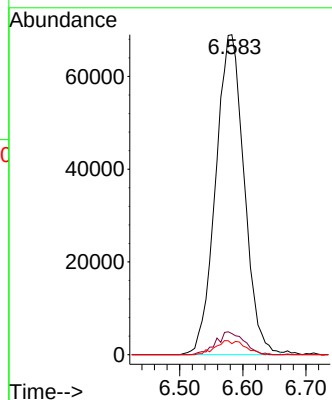
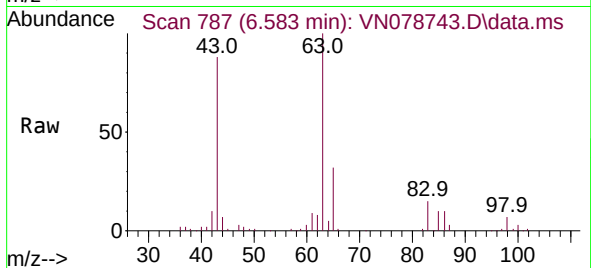
#21
1,1-Dichloroethane
Concen: 20.994 ug/l
RT: 6.583 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 21571
Ion Ratio Lower Upper
63 100
98 6.6 2.7 8.1
100 3.5 2.5 7.4

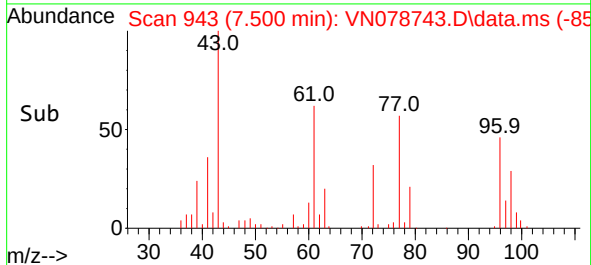
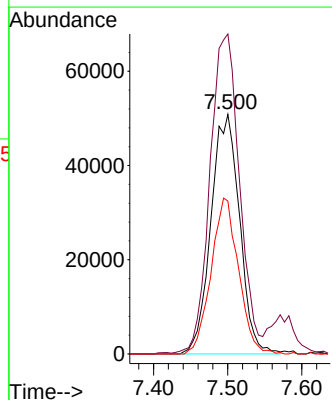
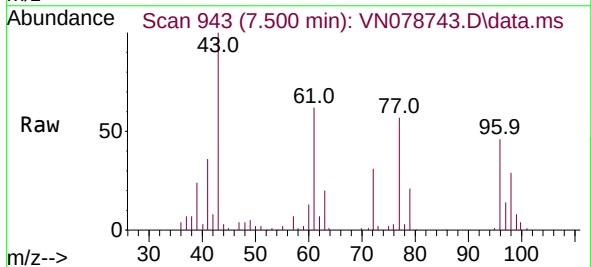
Manual Integrations
APPROVED

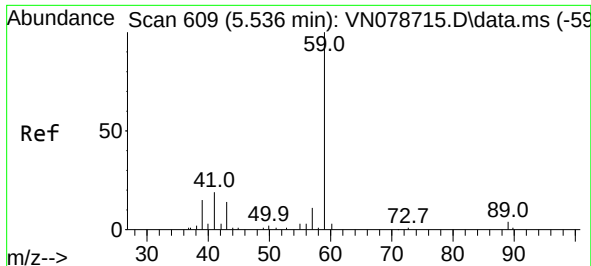
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#22
cis-1,2-Dichloroethene
Concen: 20.846 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

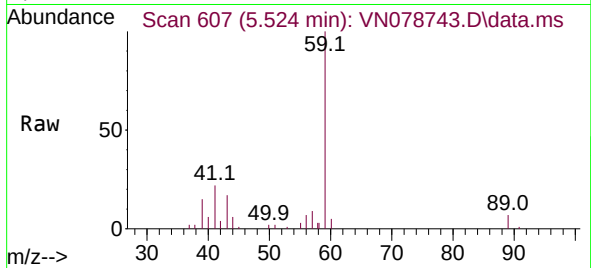
Tgt Ion: 96 Resp: 136621
Ion Ratio Lower Upper
96 100
61 136.8 113.8 170.6
98 61.7 52.2 78.4





#23
tert-Butyl Alcohol
Concen: 90.378 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

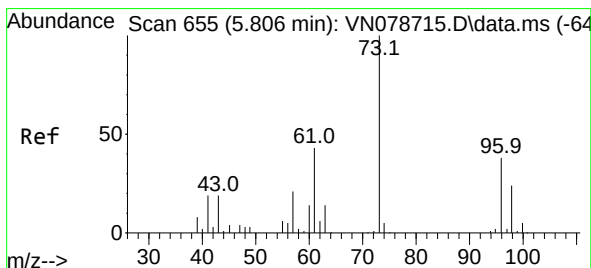
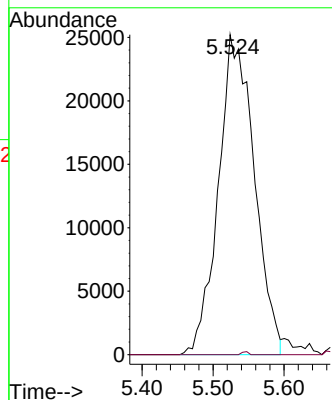
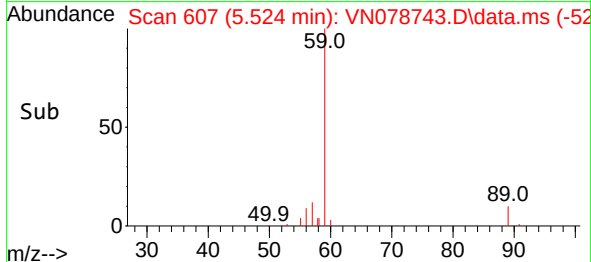
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 8853
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1

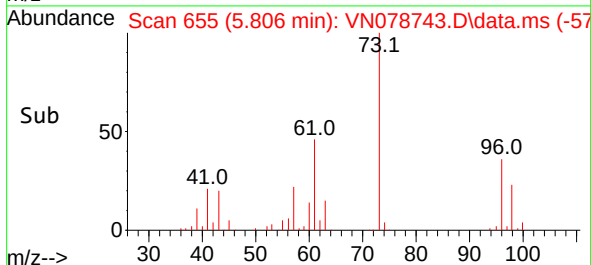
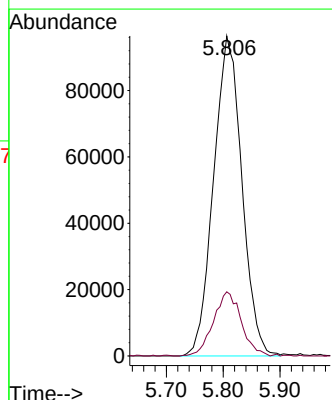
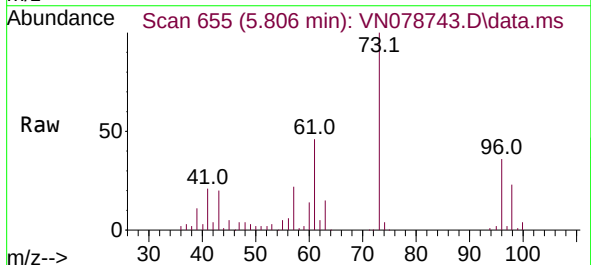
Manual Integrations
APPROVED

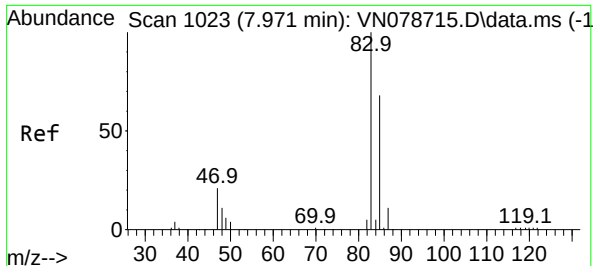
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#24
Methyl tert-Butyl Ether
Concen: 19.637 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion: 73 Resp: 333293
Ion Ratio Lower Upper
73 100
43 19.7 14.5 21.7





#25

Chloroform

Concen: 21.510 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 23399

Ion Ratio Lower Upper

83 100

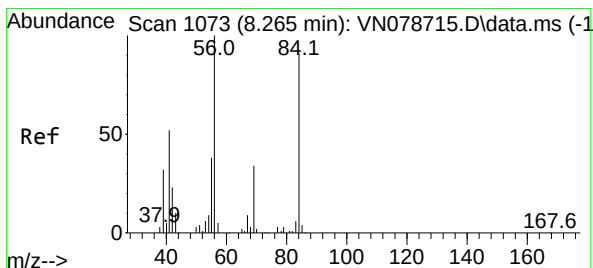
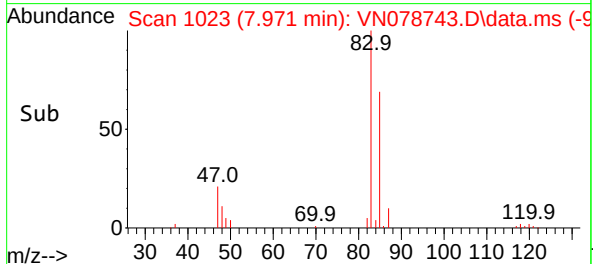
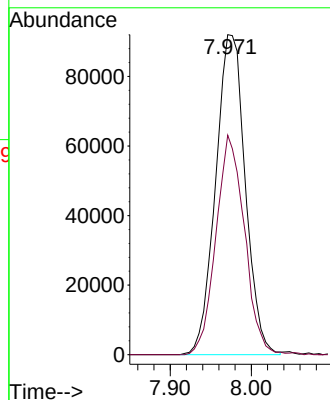
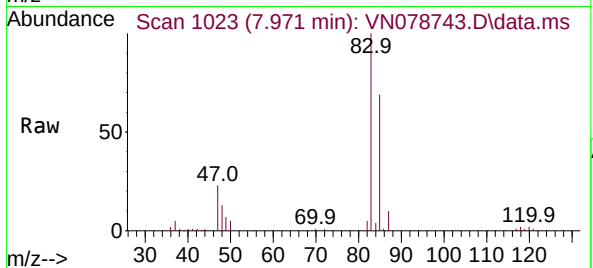
85 68.6 53.4 80.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#26

Cyclohexane

Concen: 19.608 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

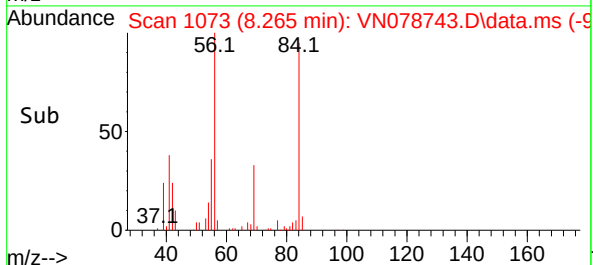
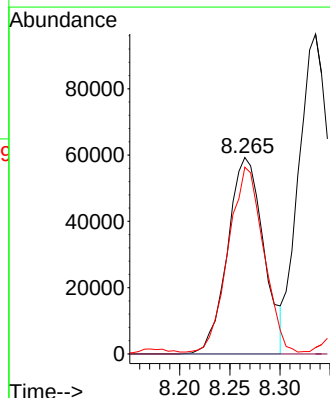
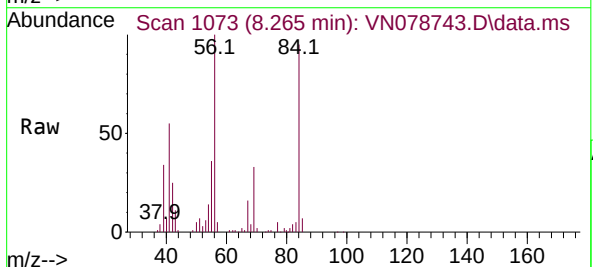
Tgt Ion: 56 Resp: 148405

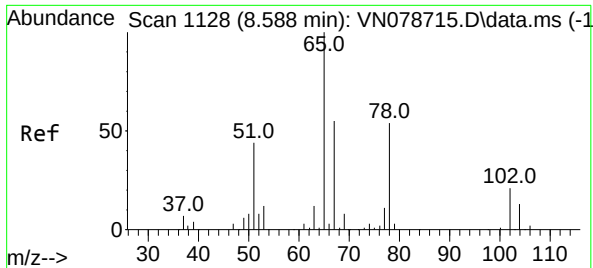
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.3 74.2 111.4





#27
1,2-Dichloroethane-d4
Concen: 30.336 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

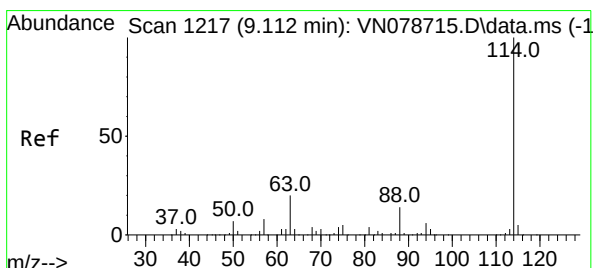
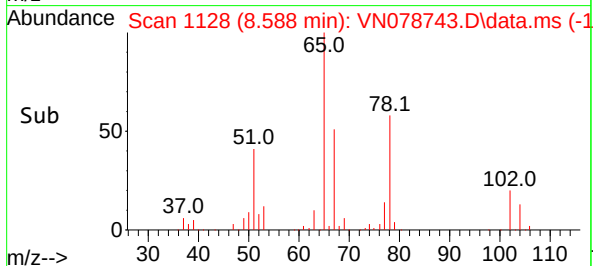
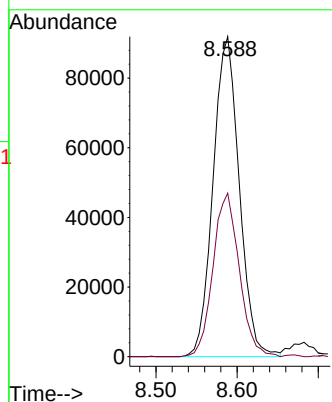
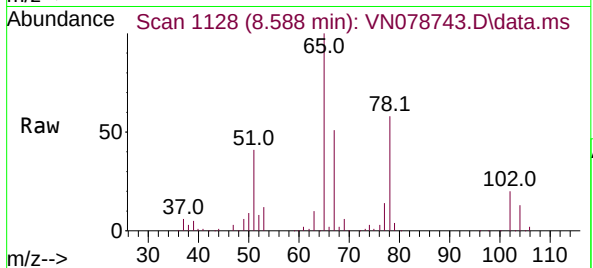
VSTDCCC020

Tgt Ion: 65 Resp: 20601
Ion Ratio Lower Upper
65 100
67 51.2 42.9 64.3

Manual Integrations

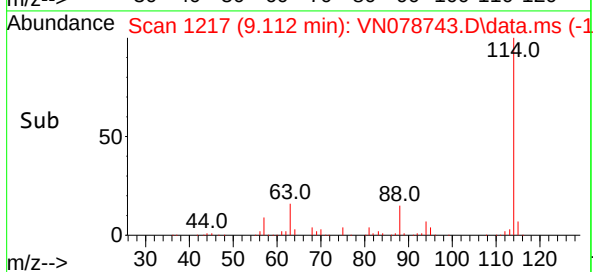
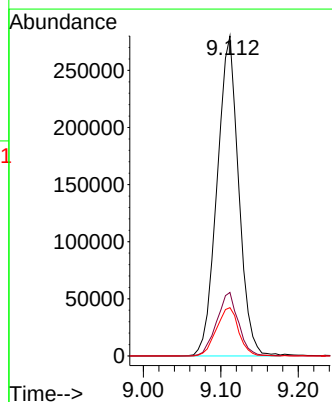
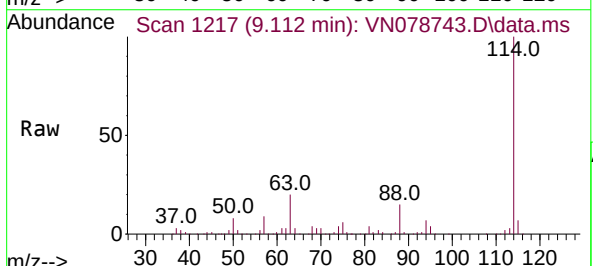
APPROVED

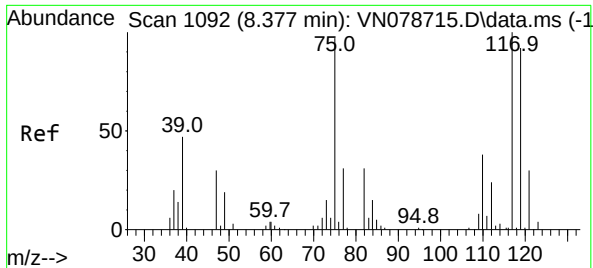
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion:114 Resp: 543549
Ion Ratio Lower Upper
114 100
63 20.0 15.2 22.8
88 15.5 12.5 18.7





#29
1,1-Dichloropropene
Concen: 20.125 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

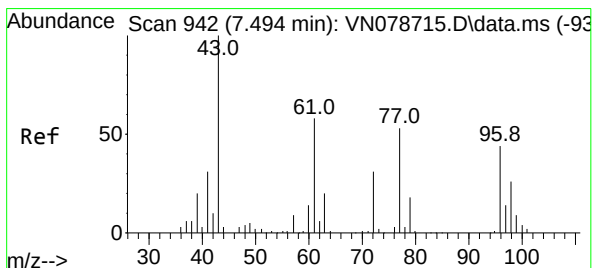
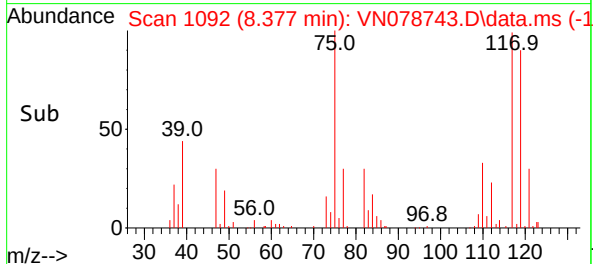
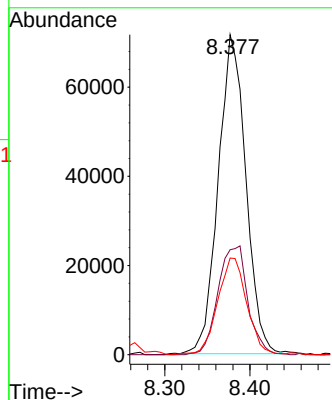
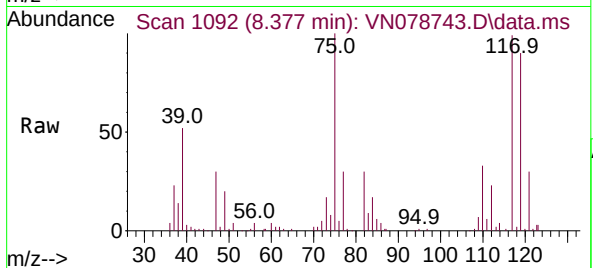
VSTDCCC020

Tgt Ion: 75 Resp: 160958
Ion Ratio Lower Upper
75 100
110 36.7 0.0 72.2
77 32.0 0.0 62.8

Manual Integrations

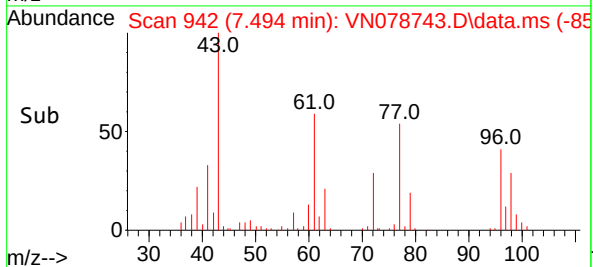
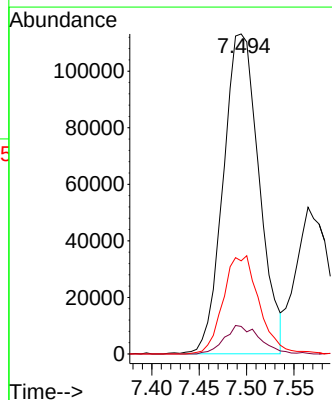
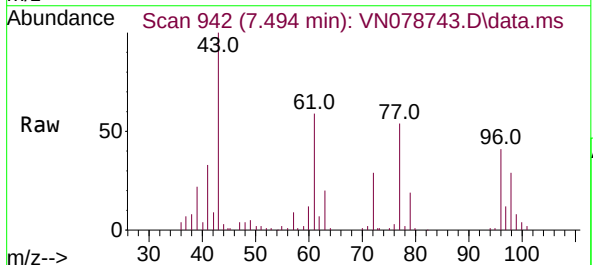
APPROVED

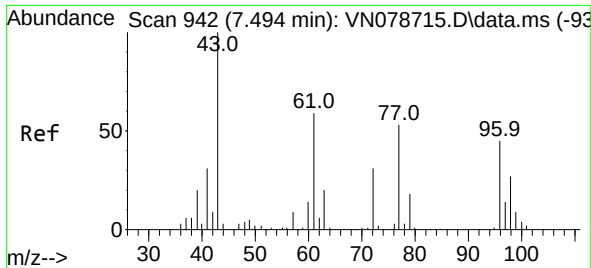
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#30
2-Butanone
Concen: 94.477 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion: 43 Resp: 298702
Ion Ratio Lower Upper
43 100
57 8.7 6.8 10.2
72 30.6 23.8 35.6





#31

2,2-Dichloropropane

Concen: 19.279 ug/l

RT: 7.500 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 17693

Ion Ratio Lower Upper

77 100

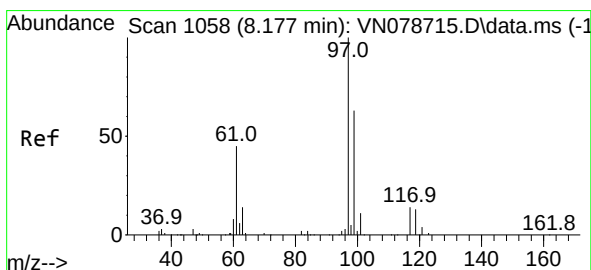
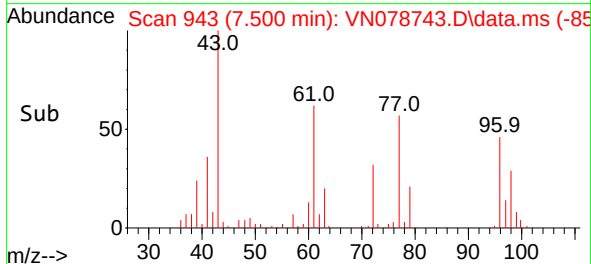
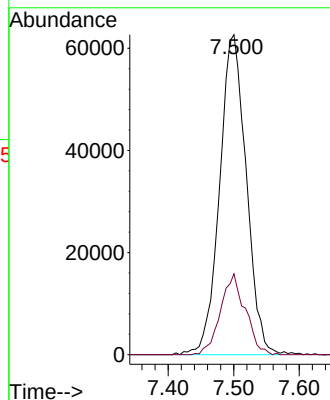
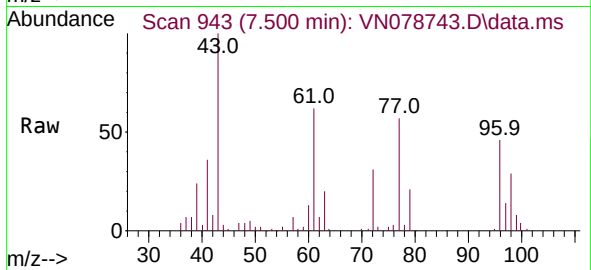
97 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#32

1,1,1-Trichloroethane

Concen: 20.128 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

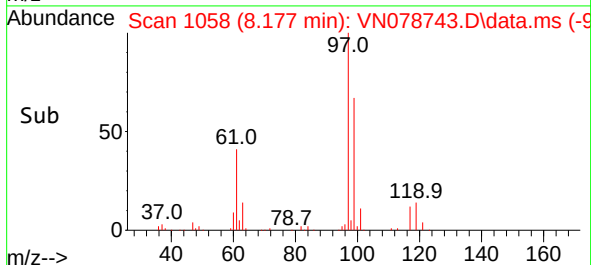
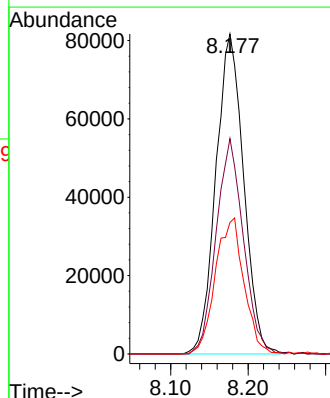
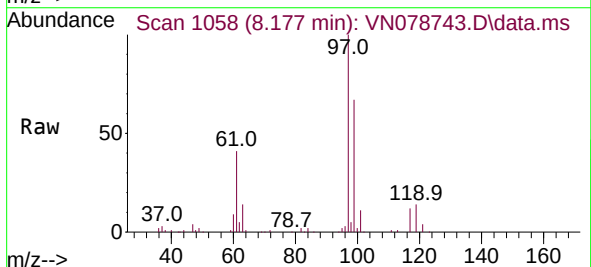
Tgt Ion: 97 Resp: 203671

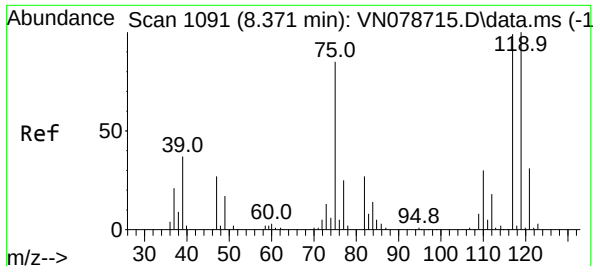
Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

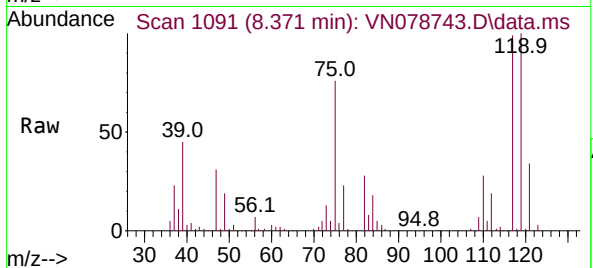
61 43.7 34.6 52.0





#33
Carbon Tetrachloride
Concen: 20.659 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

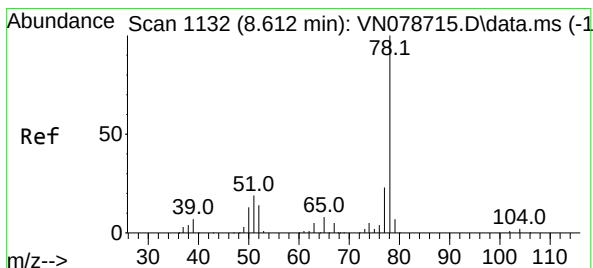
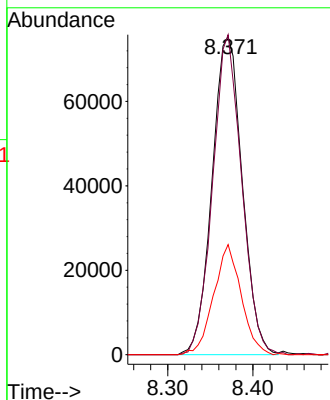
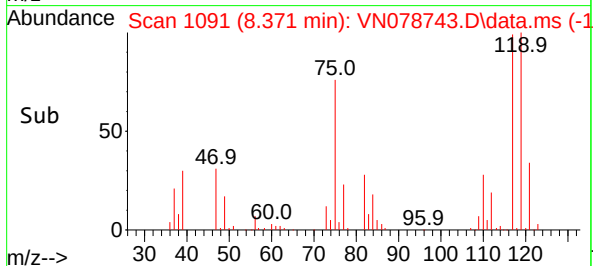
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



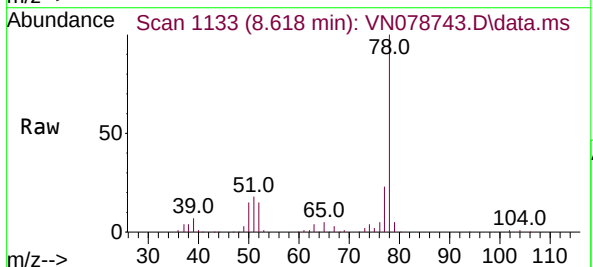
Tgt Ion:117 Resp: 18567
Ion Ratio Lower Upper
117 100
119 100.6 81.4 122.0
121 34.6 23.6 35.4

Manual Integrations
APPROVED

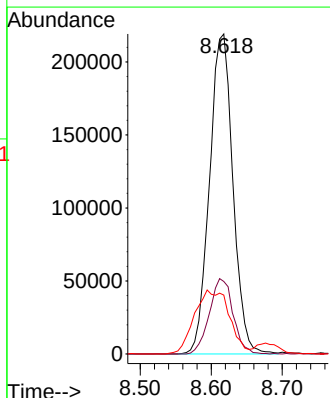
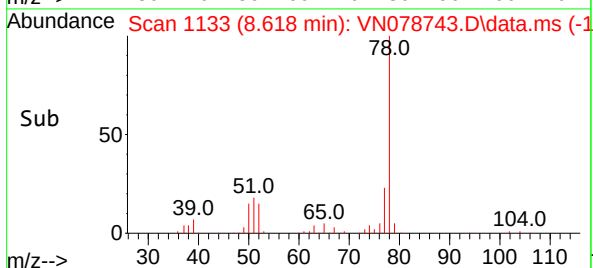
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

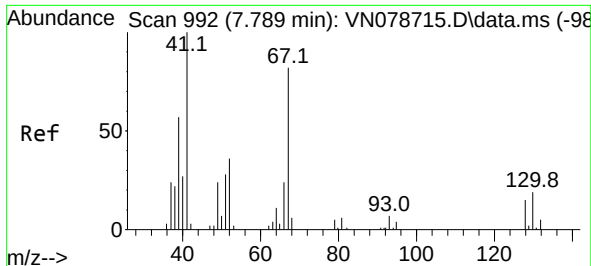


#34
Benzene
Concen: 20.893 ug/l
RT: 8.618 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion: 78 Resp: 501946
Ion Ratio Lower Upper
78 100
77 22.6 18.3 27.5
51 17.5 13.7 20.5





#35
Methacrylonitrile
Concen: 18.073 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

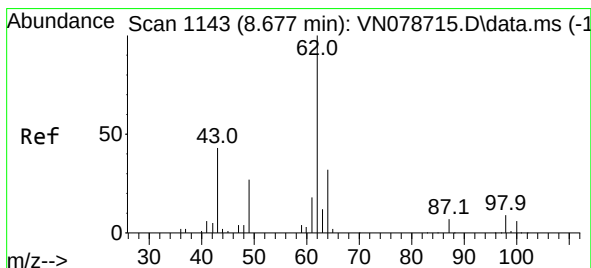
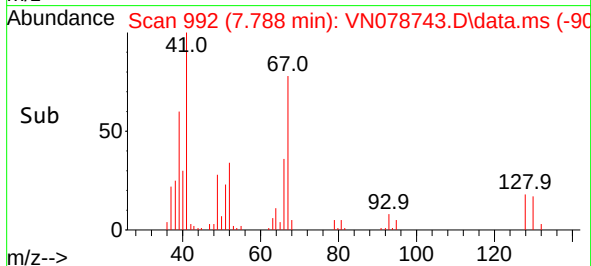
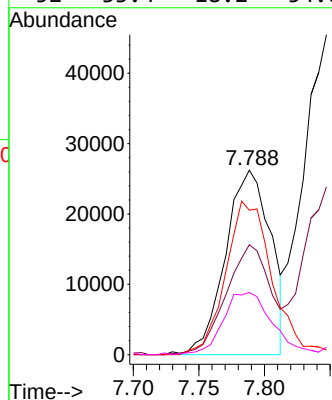
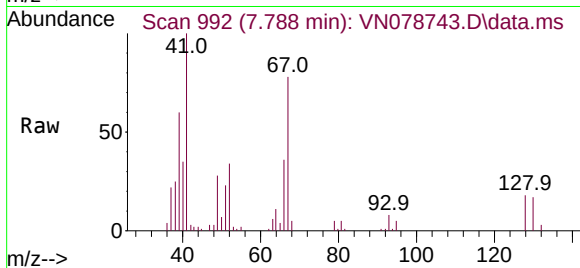
VSTDCCC020

Tgt Ion: 41 Resp: 62740
Ion Ratio Lower Upper
41 100
39 59.3 33.9 101.6
67 78.9 45.9 137.6
52 33.4 18.2 54.6

Manual Integrations

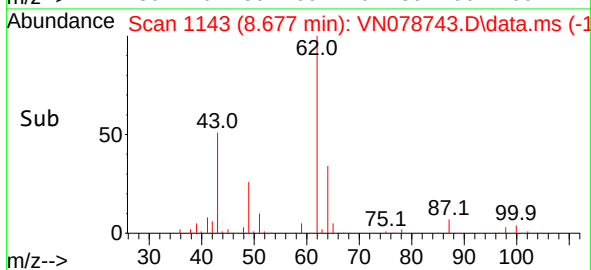
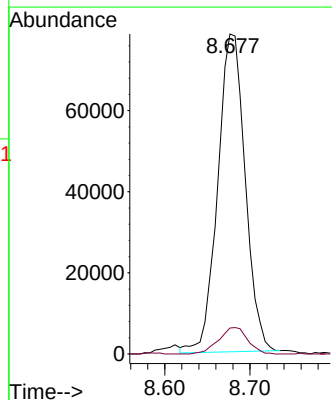
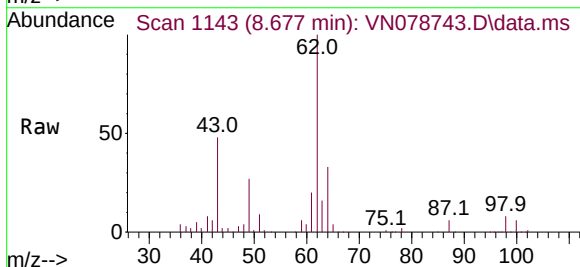
APPROVED

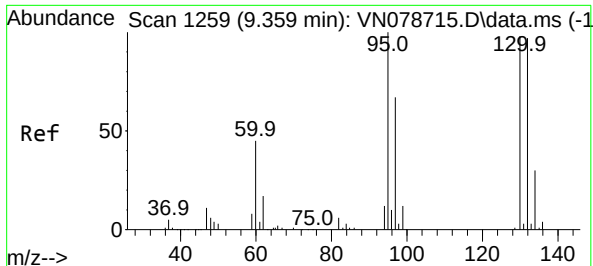
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#36
1,2-Dichloroethane
Concen: 20.836 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion: 62 Resp: 175809
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0





#37

Trichloroethene

Concen: 19.461 ug/l

RT: 9.359 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 131204

Ion Ratio Lower Upper

130 100

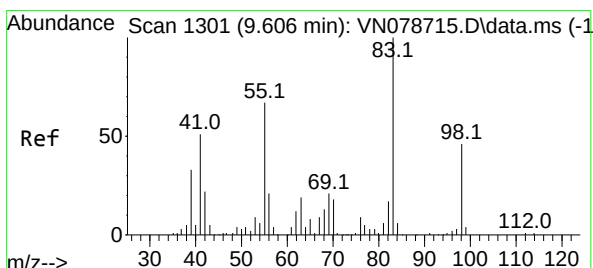
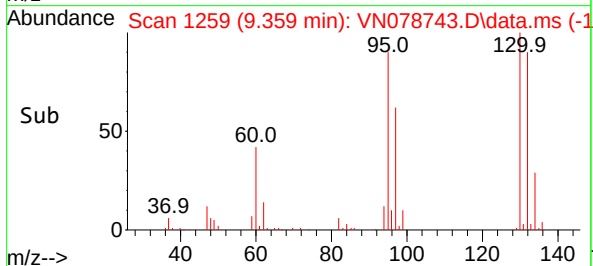
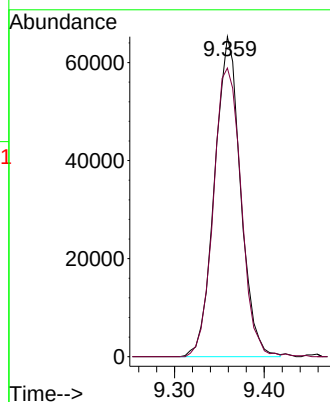
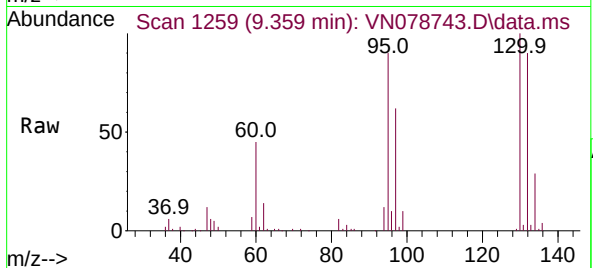
95 90.2 78.2 117.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#38

Methylcyclohexane

Concen: 17.614 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

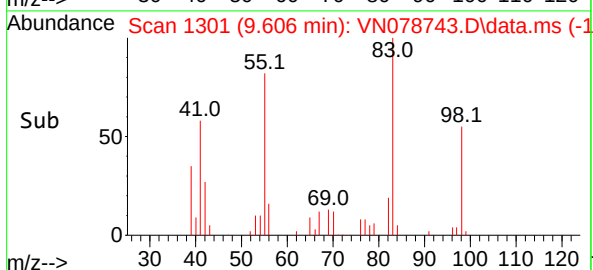
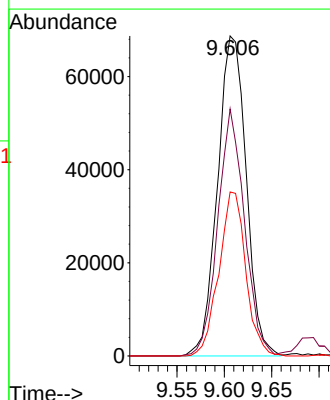
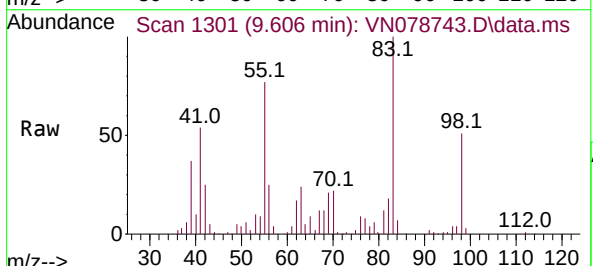
Tgt Ion: 83 Resp: 144748

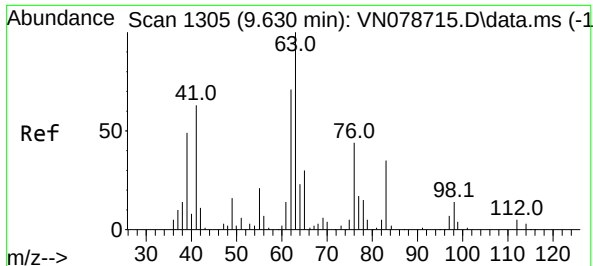
Ion Ratio Lower Upper

83 100

55 71.8 34.0 102.0

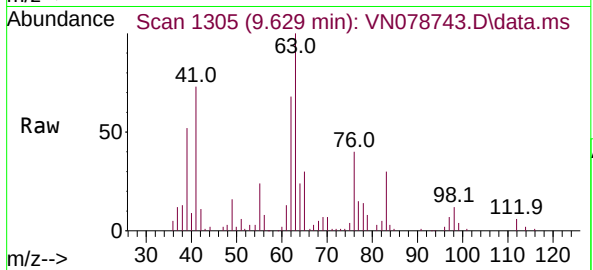
98 48.0 23.0 69.0





#39
1,2-Dichloropropane
Concen: 19.894 ug/l
RT: 9.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

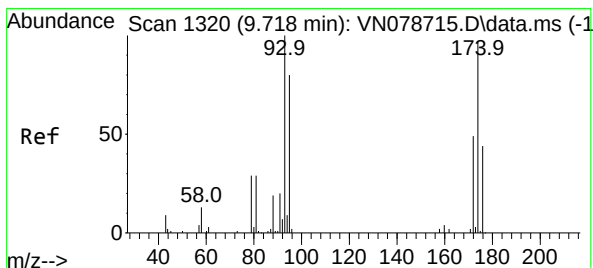
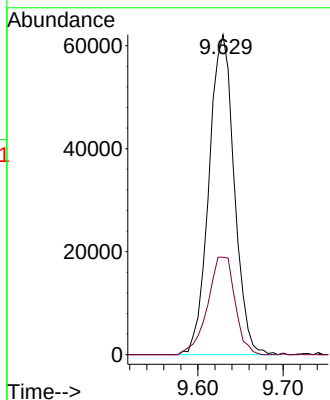
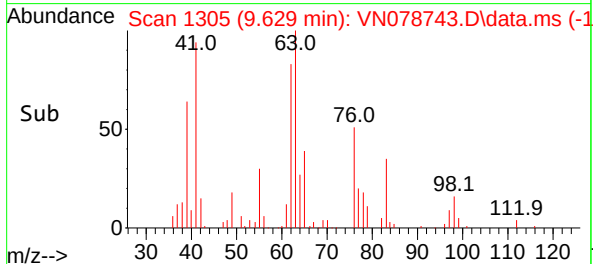
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 128120
Ion Ratio Lower Upper
63 100
65 30.5 27.4 41.2

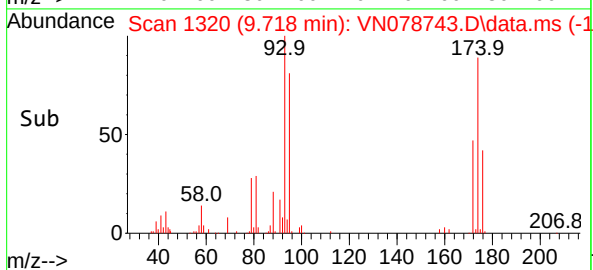
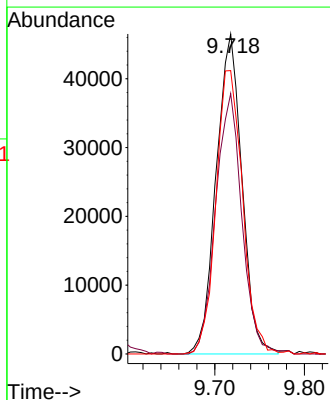
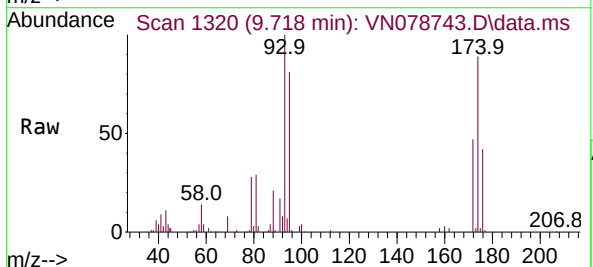
Manual Integrations
APPROVED

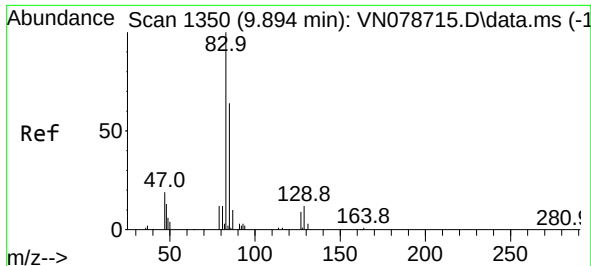
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#40
Dibromomethane
Concen: 20.846 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

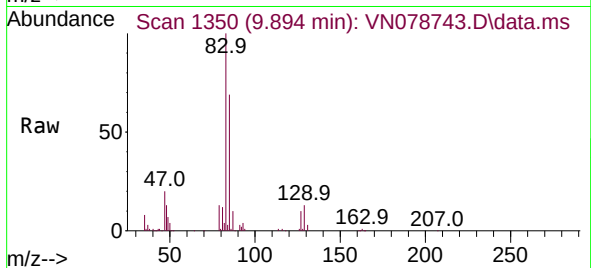
Tgt Ion: 93 Resp: 92923
Ion Ratio Lower Upper
93 100
95 82.4 0.0 167.8
174 91.3 0.0 180.8





#41
Bromodichloromethane
Concen: 21.453 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

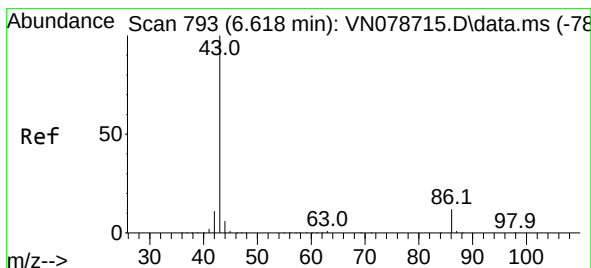
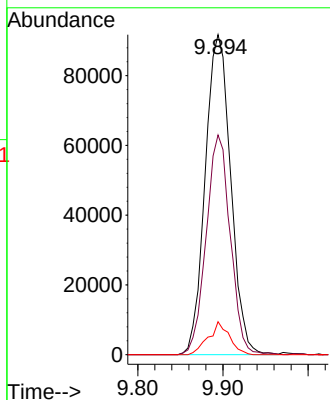
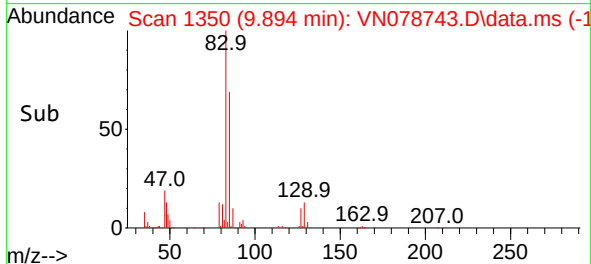
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 19118
Ion Ratio Lower Upper
83 100
85 68.7 54.1 81.1
127 10.3 7.8 11.6

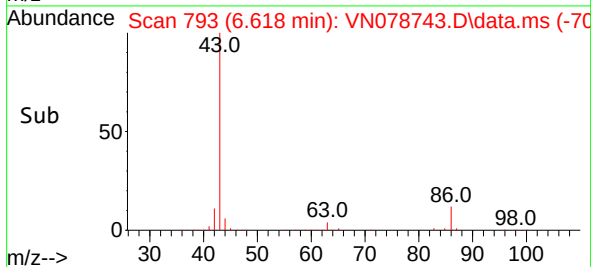
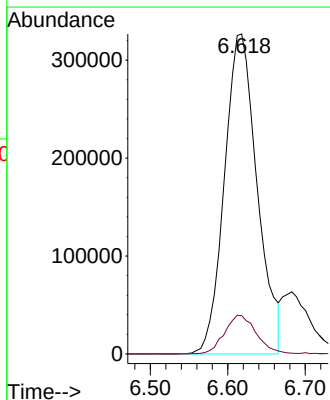
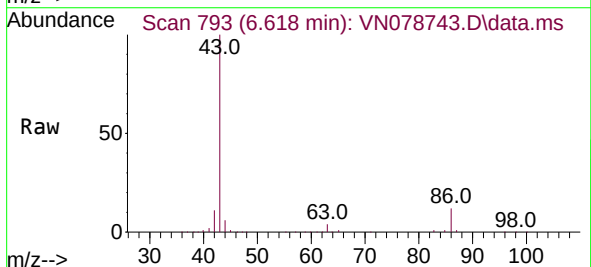
Manual Integrations
APPROVED

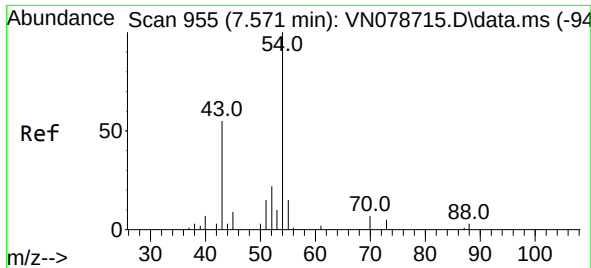
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#42
Vinyl Acetate
Concen: 94.693 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

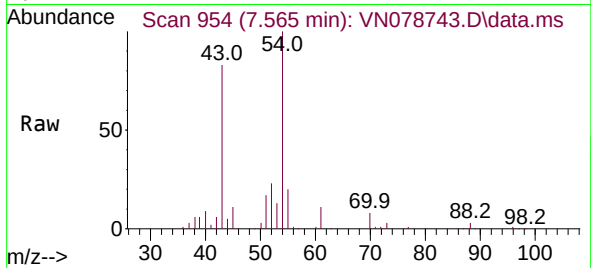
Tgt Ion: 43 Resp: 962529
Ion Ratio Lower Upper
43 100
86 11.8 9.4 14.0





#43
Ethyl Acetate
Concen: 21.068 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

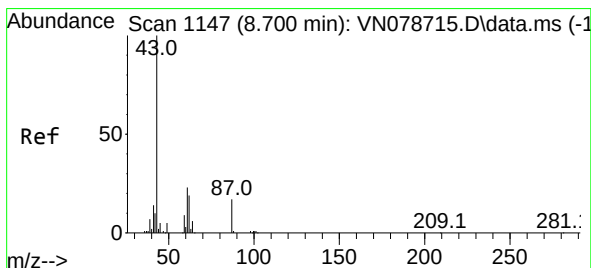
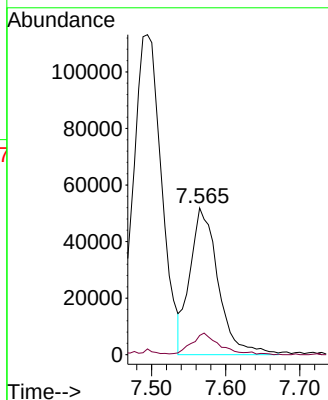
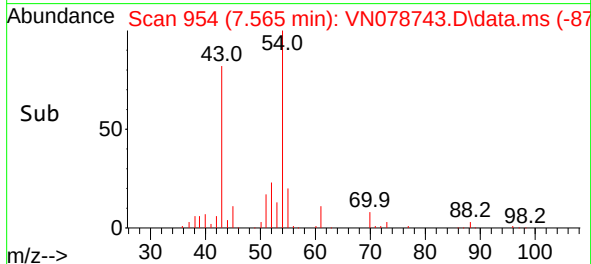
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



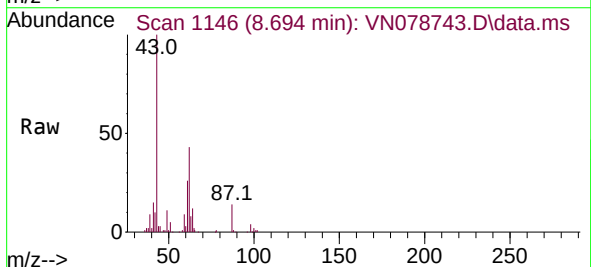
Tgt Ion: 43 Resp: 137708
Ion Ratio Lower Upper
43 100
45 13.9 10.9 16.3

Manual Integrations
APPROVED

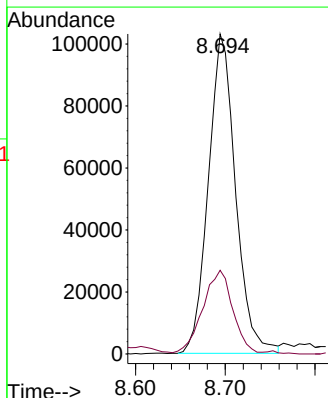
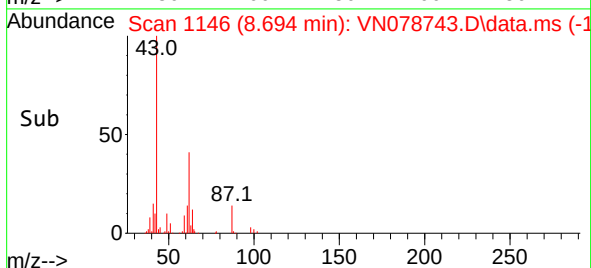
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

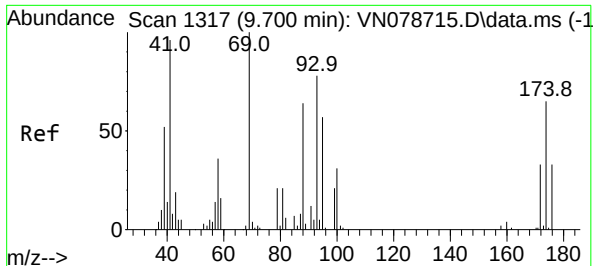


#44
Isopropyl Acetate
Concen: 18.937 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion: 43 Resp: 217169
Ion Ratio Lower Upper
43 100
61 29.0 23.0 34.6





#45

1,4-Dioxane

Concen: 366.612 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 38674

Ion Ratio Lower Upper

88 100

43 25.7 19.0 28.6

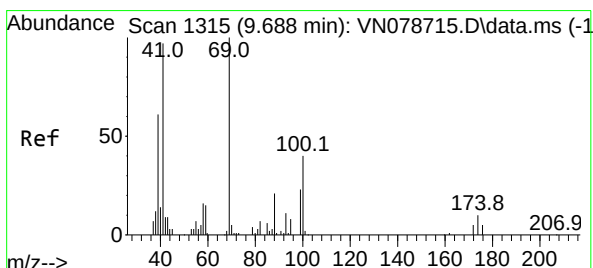
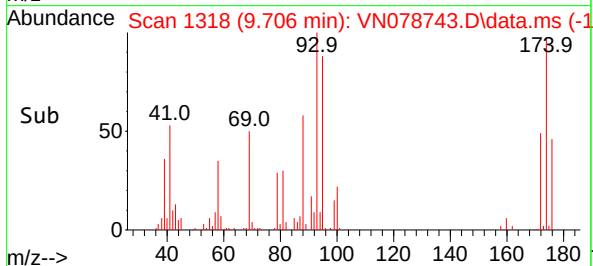
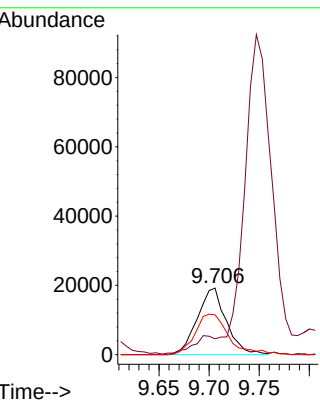
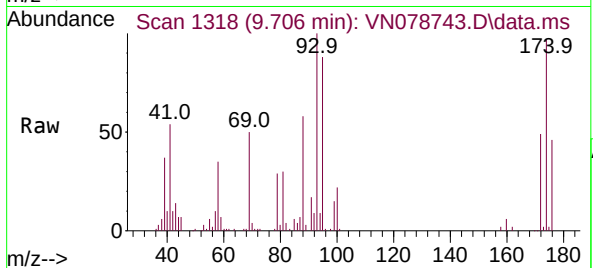
58 70.4 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023

Supervised By :Semsettin Yesilyurt 08/04/2023



#46

Methyl methacrylate

Concen: 19.291 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

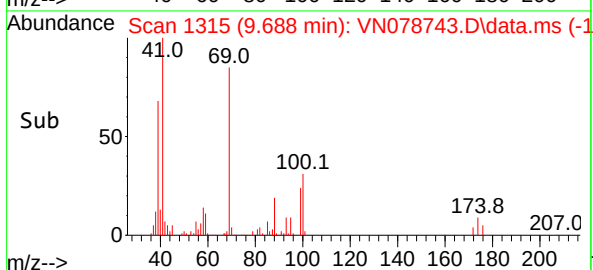
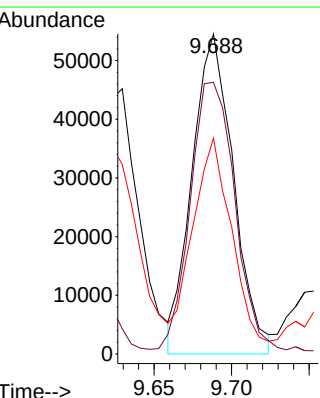
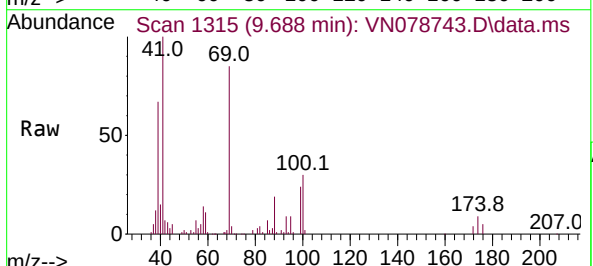
Tgt Ion: 41 Resp: 101309

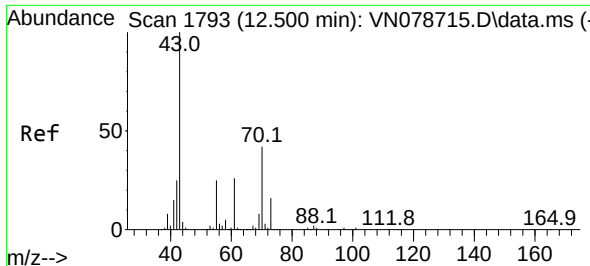
Ion Ratio Lower Upper

41 100

69 85.8 49.0 147.0

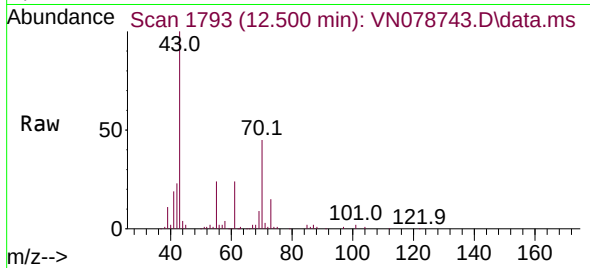
39 67.5 31.6 94.8





#47
n-amy1 Acetate
Concen: 17.722 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

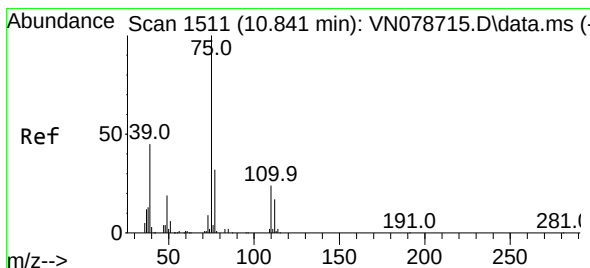
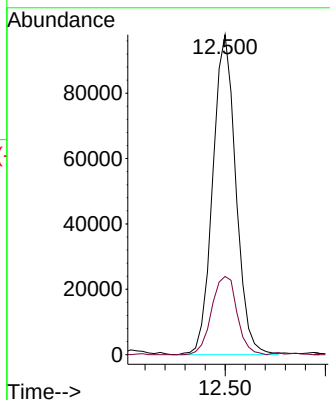
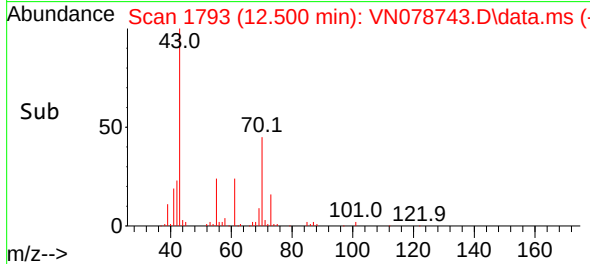
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



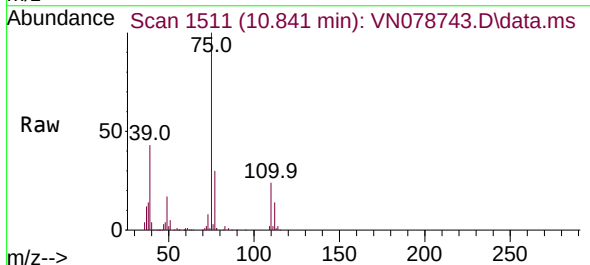
Tgt Ion: 43 Resp: 15652
Ion Ratio Lower Upper
43 100
55 26.8 21.5 32.3

Manual Integrations
APPROVED

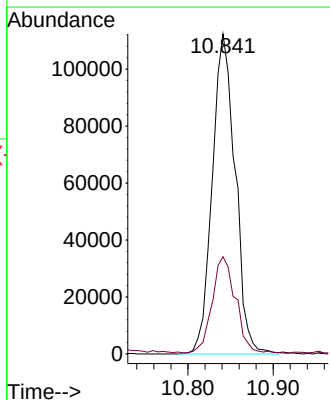
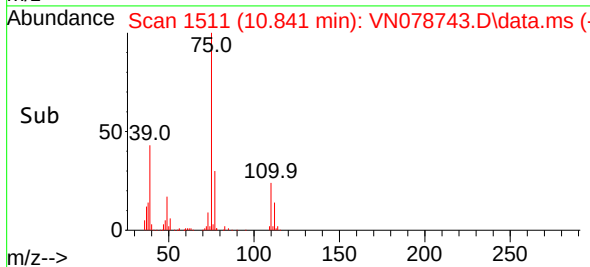
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

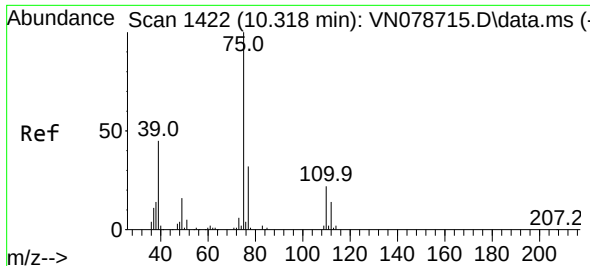


#48
t-1,3-Dichloropropene
Concen: 22.060 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



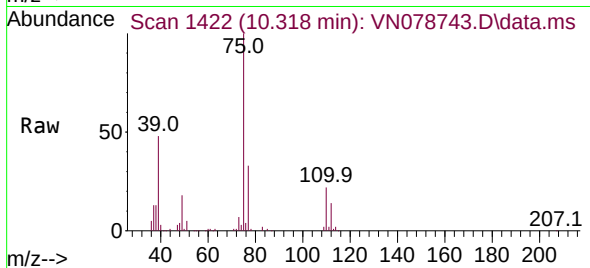
Tgt Ion: 75 Resp: 209828
Ion Ratio Lower Upper
75 100
77 30.0 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.943 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

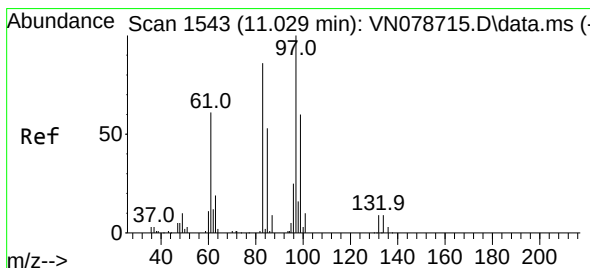
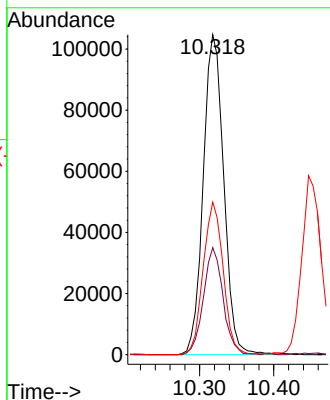
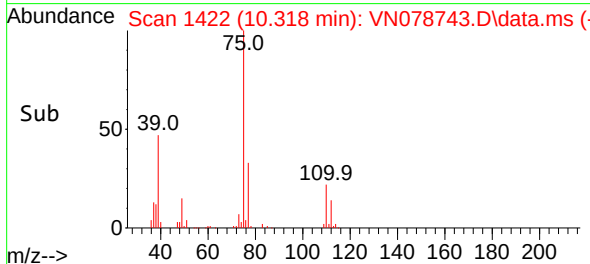
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 201473
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.0 36.0
 39 47.6 35.1 52.7

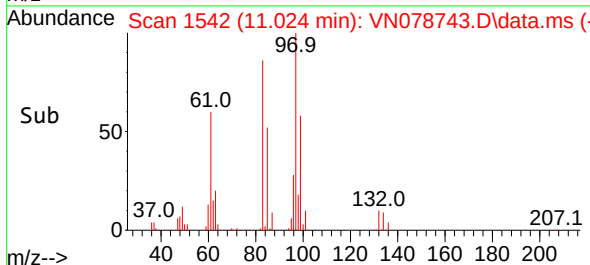
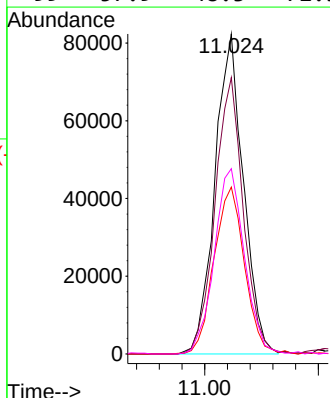
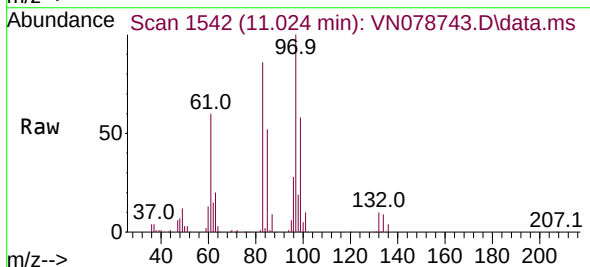
Manual Integrations
 APPROVED

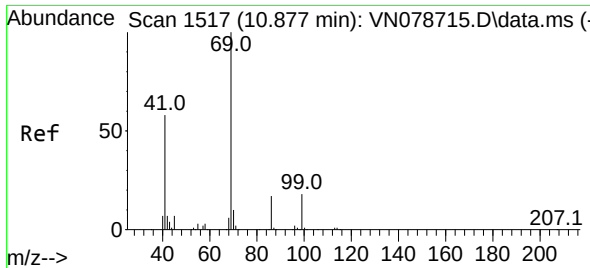
Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#50
 1,1,2-Trichloroethane
 Concen: 22.704 ug/l
 RT: 11.024 min Scan# 1542
 Delta R.T. -0.006 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

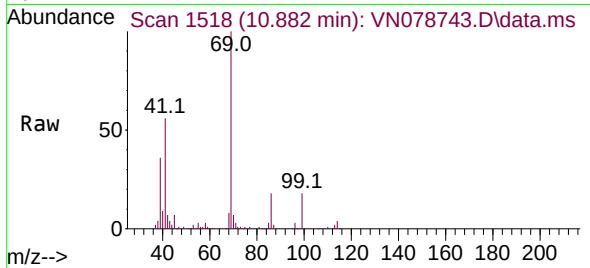
Tgt Ion: 97 Resp: 143263
 Ion Ratio Lower Upper
 97 100
 83 86.4 66.8 100.2
 85 52.0 42.5 63.7
 99 57.9 48.3 72.5





#51
Ethyl methacrylate
Concen: 21.930 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

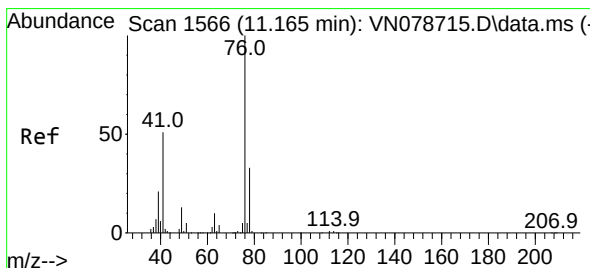
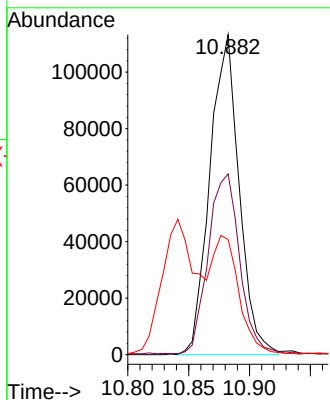
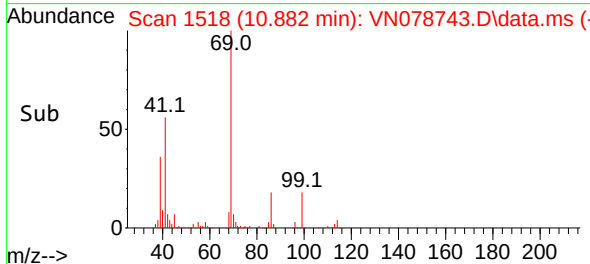
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



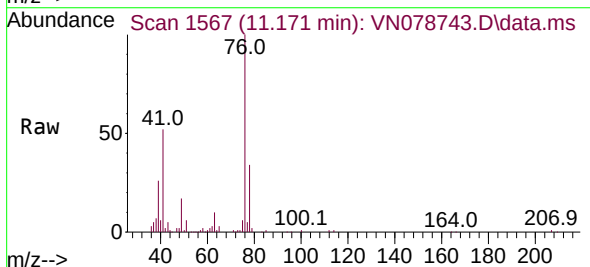
Tgt Ion: 69 Resp: 18945
Ion Ratio Lower Upper
69 100
41 56.1 26.0 78.0
39 35.3 16.3 48.9

Manual Integrations
APPROVED

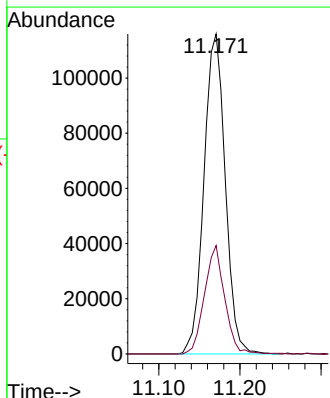
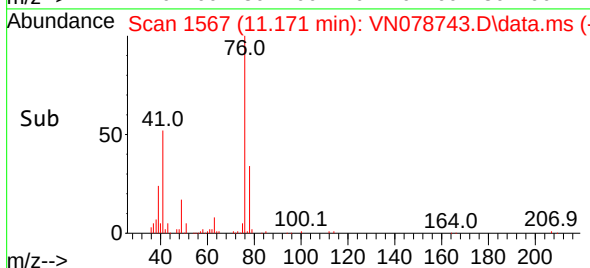
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

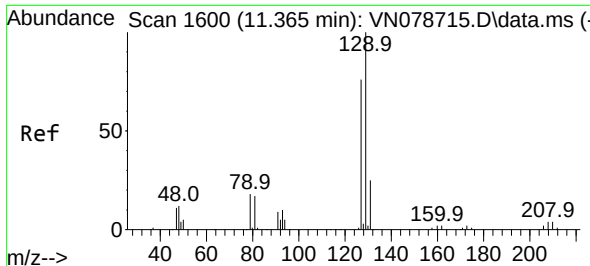


#52
1,3-Dichloropropane
Concen: 18.617 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



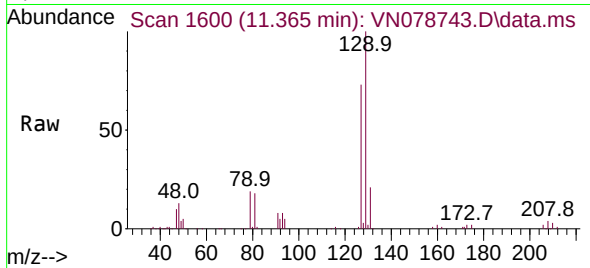
Tgt Ion: 76 Resp: 211140
Ion Ratio Lower Upper
76 100
78 32.0 0.0 66.2





#53
Dibromochloromethane
Concen: 19.610 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

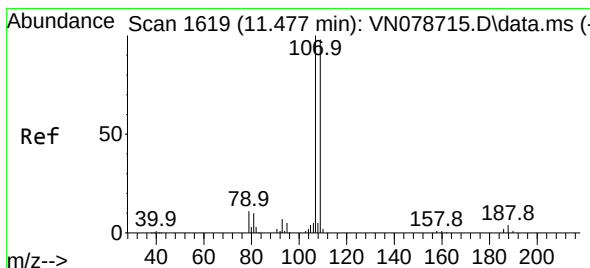
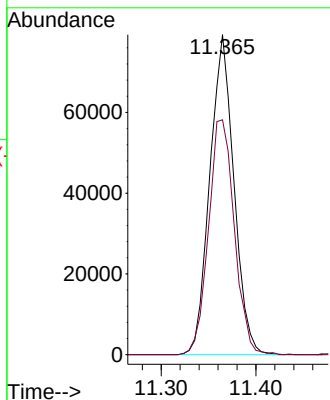
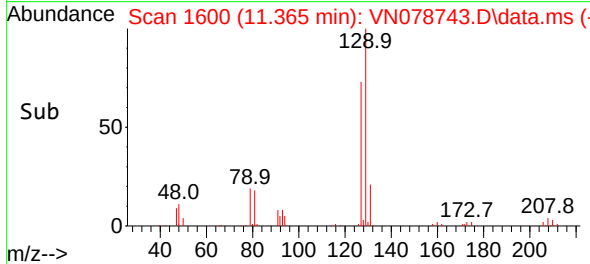
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



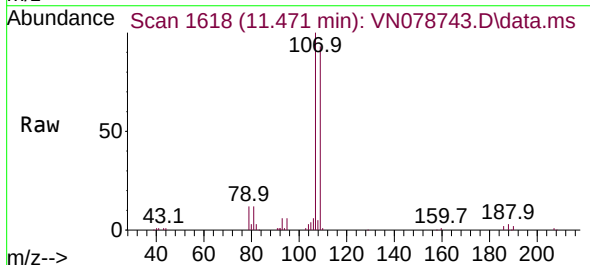
Tgt Ion:129 Resp: 139788
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1

Manual Integrations
APPROVED

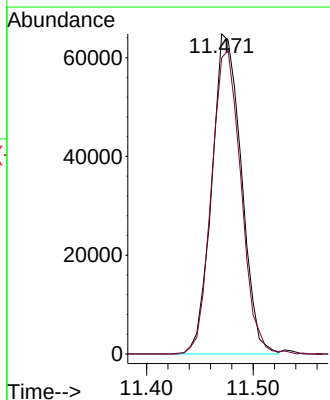
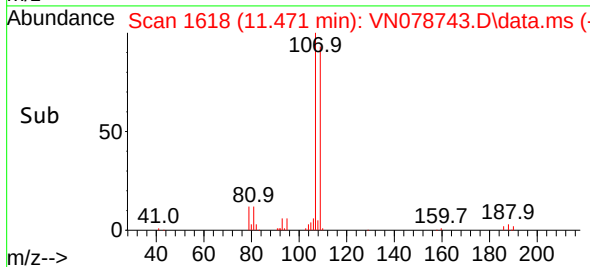
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

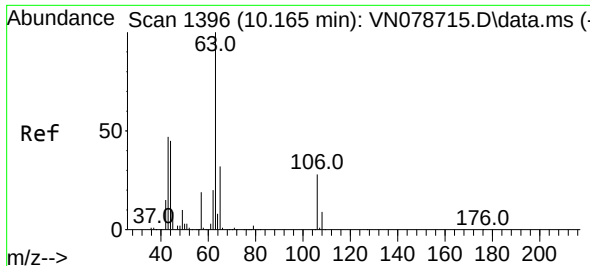


#54
1,2-Dibromoethane
Concen: 19.641 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



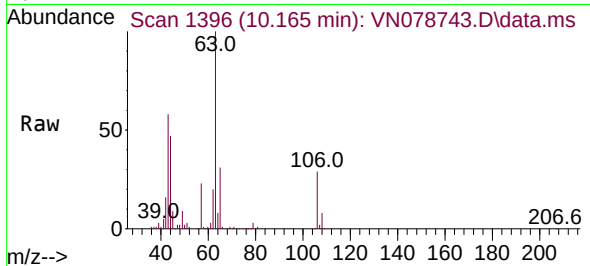
Tgt Ion:107 Resp: 124450
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 99.654 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

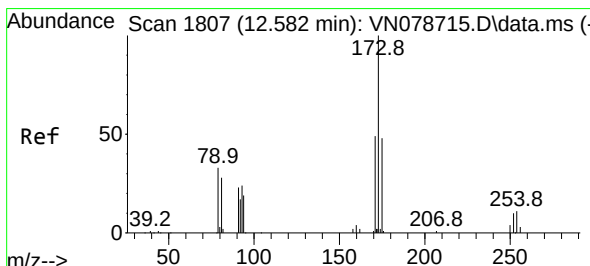
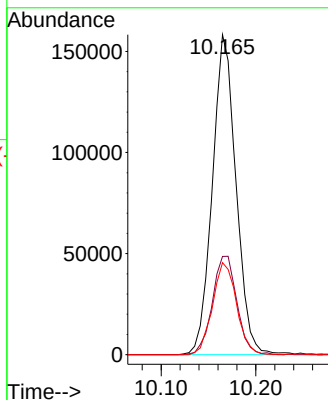
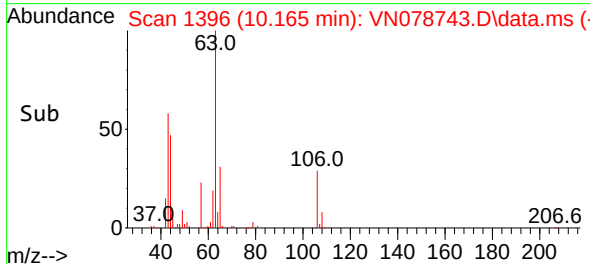
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 27433
Ion Ratio Lower Upper
63 100
65 31.9 26.3 39.5
106 29.3 23.8 35.6

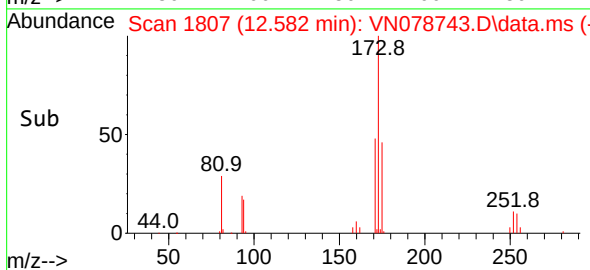
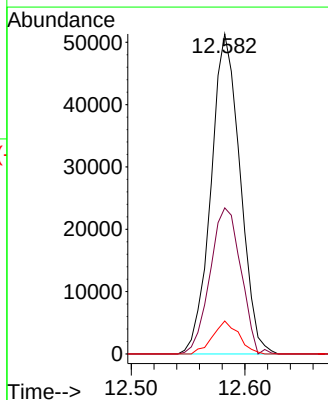
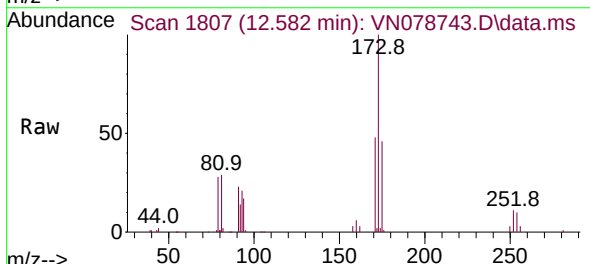
Manual Integrations
APPROVED

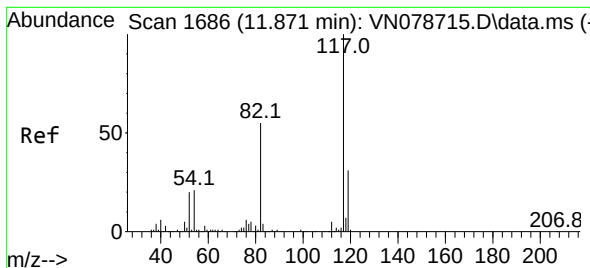
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#56
Bromoform
Concen: 19.588 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

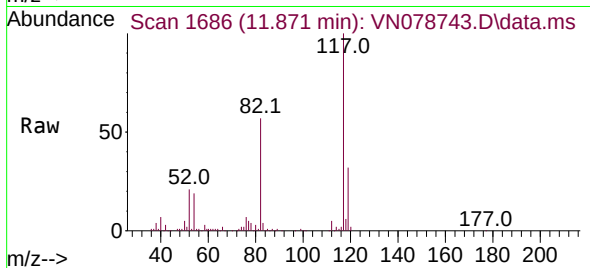
Tgt Ion:173 Resp: 91363
Ion Ratio Lower Upper
173 100
175 47.9 40.7 61.1
254 9.3 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

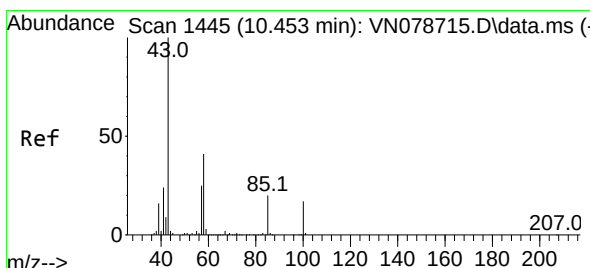
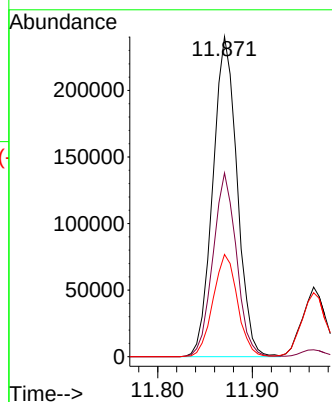
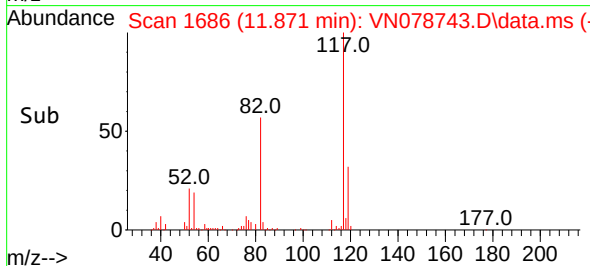
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 428118
Ion Ratio Lower Upper
117 100
82 55.8 43.9 65.9
119 32.1 26.2 39.4

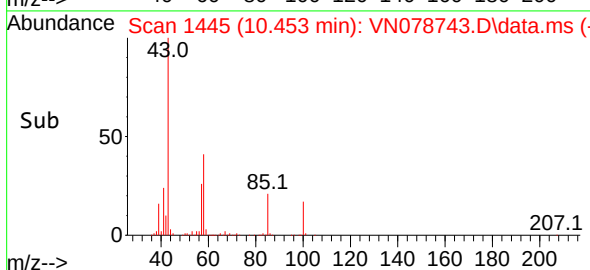
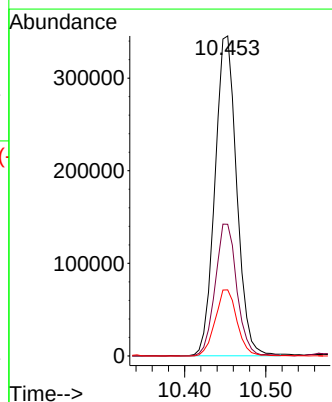
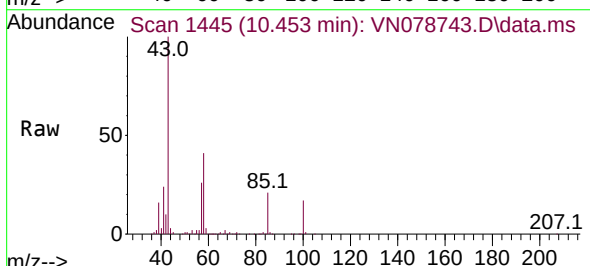
Manual Integrations
APPROVED

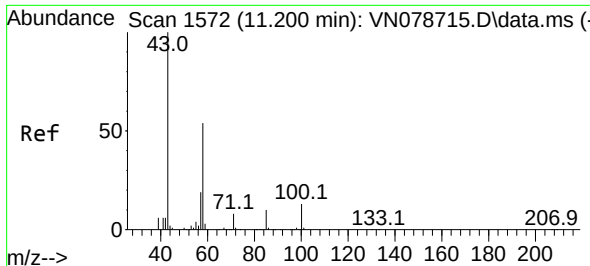
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#58
4-Methyl-2-Pentanone
Concen: 100.466 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

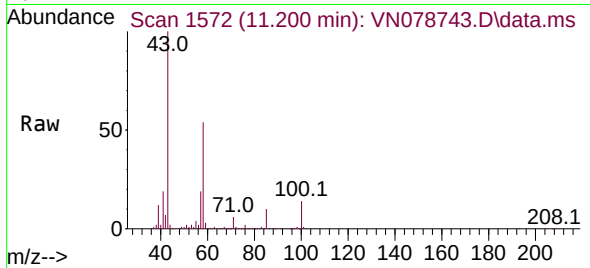
Tgt Ion: 43 Resp: 643789
Ion Ratio Lower Upper
43 100
58 40.9 32.6 48.8
85 20.8 16.2 24.2





#59
2-Hexanone
Concen: 94.578 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

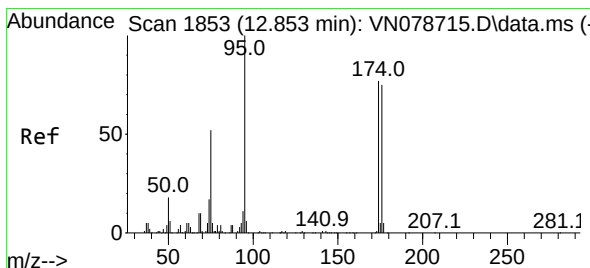
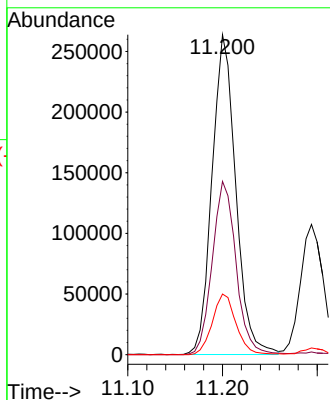
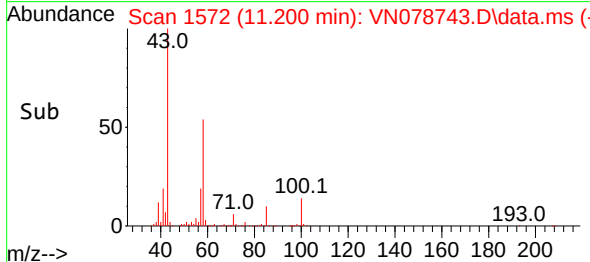
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 458885
Ion Ratio Lower Upper
43 100
58 54.5 45.9 68.9
57 19.0 15.8 23.6

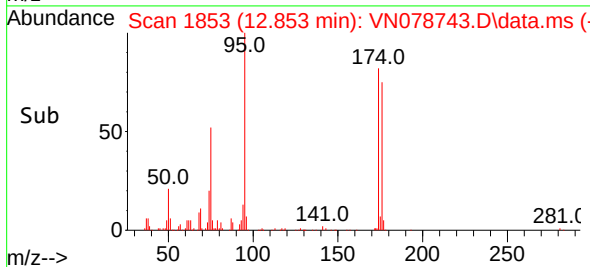
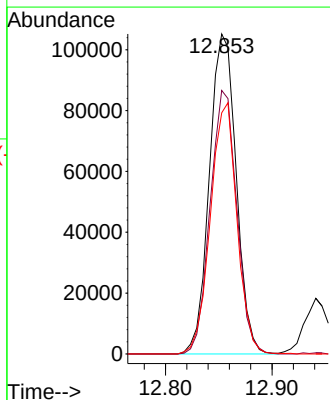
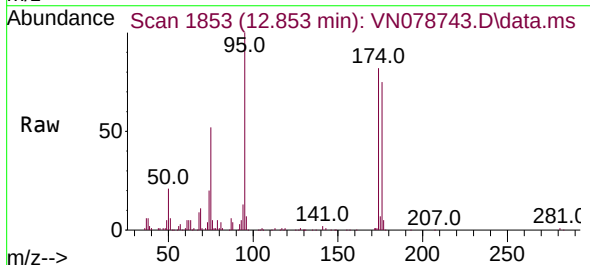
Manual Integrations
APPROVED

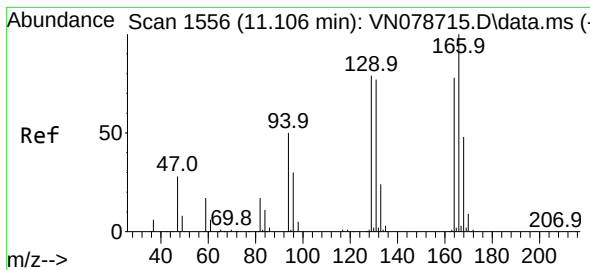
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#60
4-Bromofluorobenzene
Concen: 28.662 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

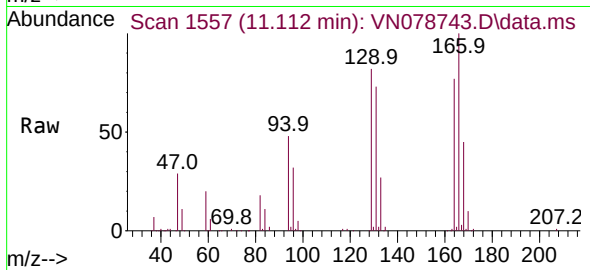
Tgt Ion: 95 Resp: 183895
Ion Ratio Lower Upper
95 100
174 81.6 61.7 92.5
176 77.5 58.1 87.1





#61
Tetrachloroethene
Concen: 21.935 ug/l
RT: 11.112 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

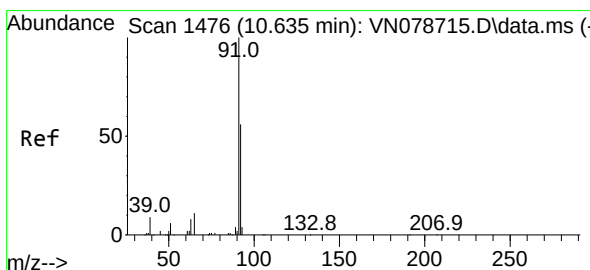
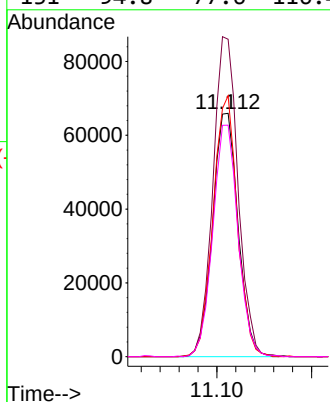
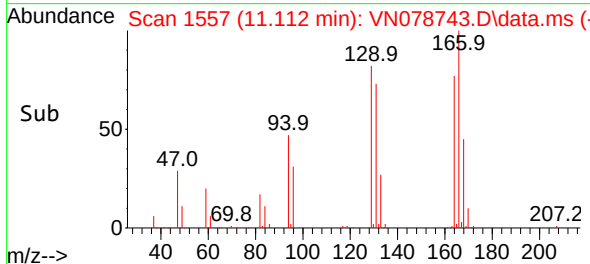
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 12348
Ion Ratio Lower Upper
164 100
166 130.5 99.1 148.7
129 107.3 85.6 128.4
131 94.8 77.6 116.4

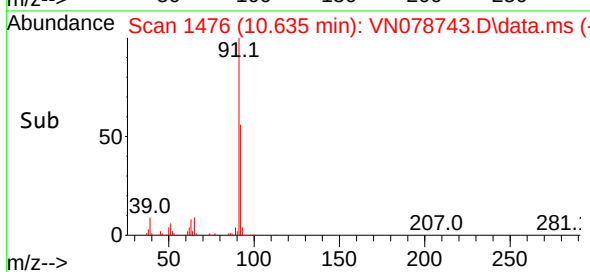
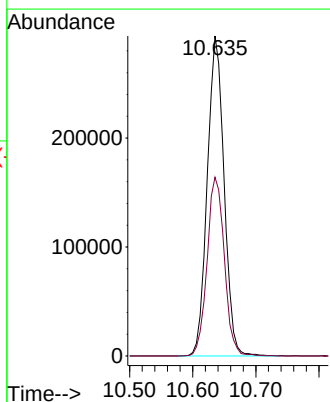
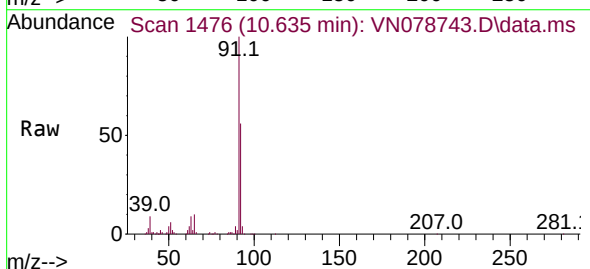
Manual Integrations
APPROVED

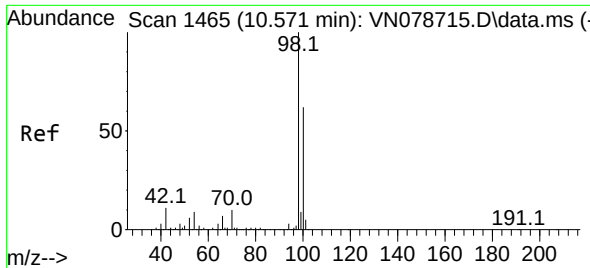
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#62
Toluene
Concen: 21.063 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

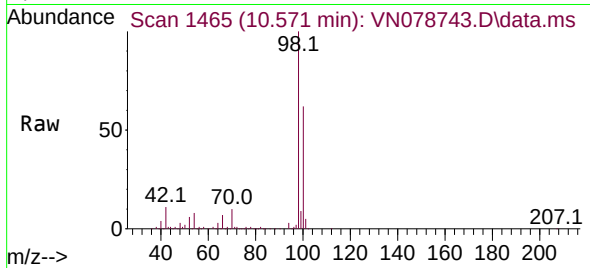
Tgt Ion: 91 Resp: 542410
Ion Ratio Lower Upper
91 100
92 57.3 45.2 67.8





#63
Toluene-d8
Concen: 30.268 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

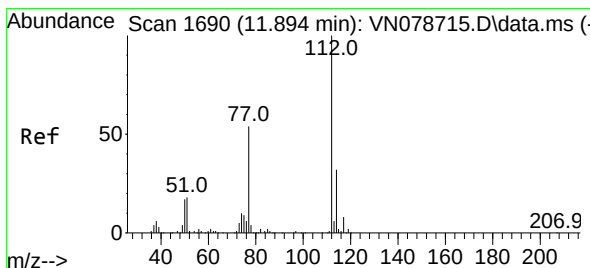
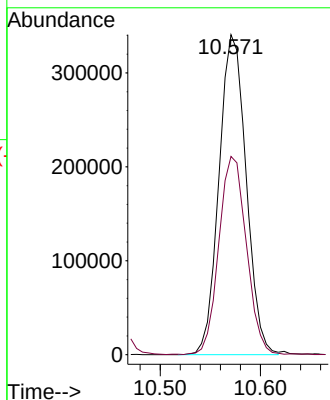
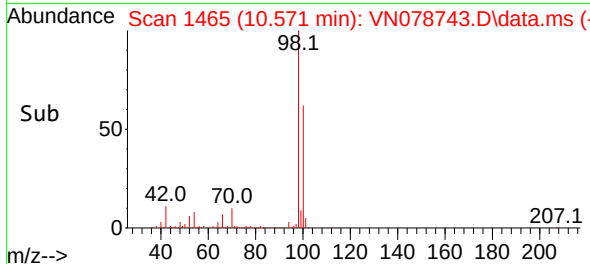
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



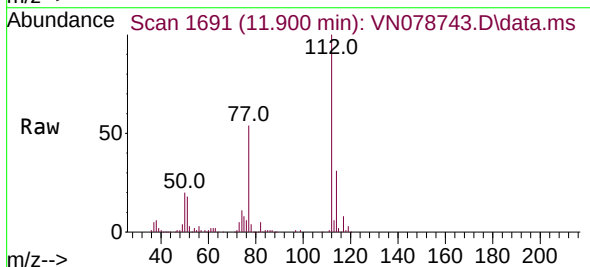
Tgt Ion: 98 Resp: 640138
Ion Ratio Lower Upper
98 100
100 62.8 49.7 74.5

Manual Integrations
APPROVED

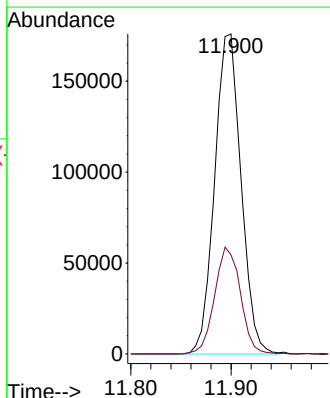
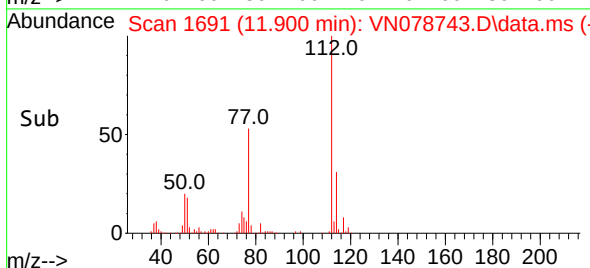
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

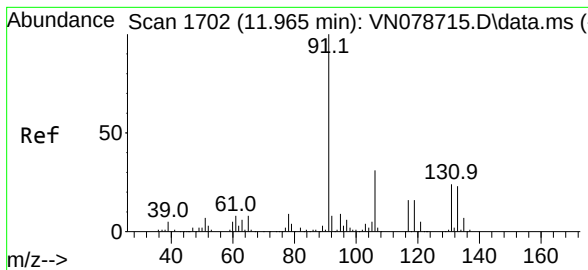


#64
Chlorobenzene
Concen: 21.405 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion:112 Resp: 321816
Ion Ratio Lower Upper
112 100
114 30.9 25.9 38.9





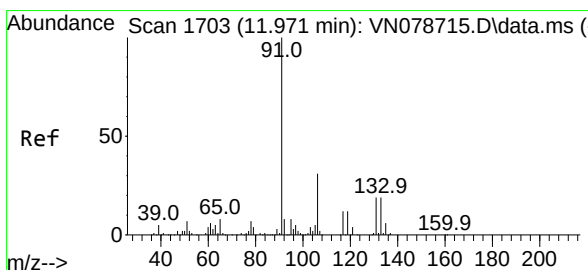
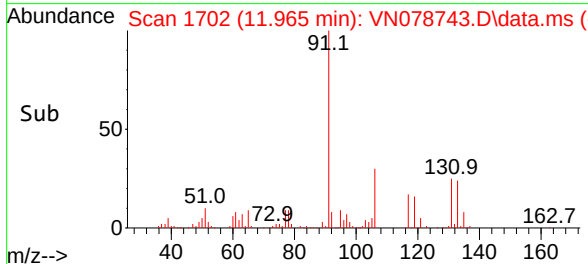
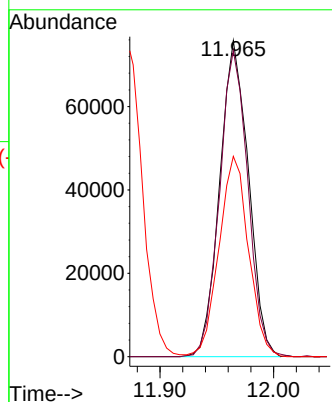
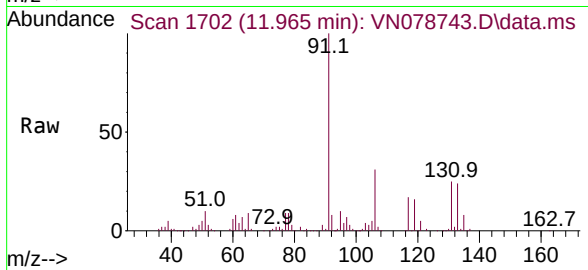
#65
1,1,1,2-Tetrachloroethane
Concen: 22.508 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 133462
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.8
119 65.0 0.0 132.0

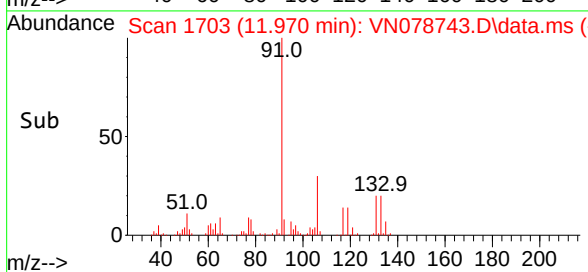
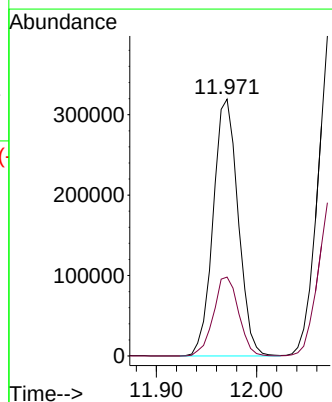
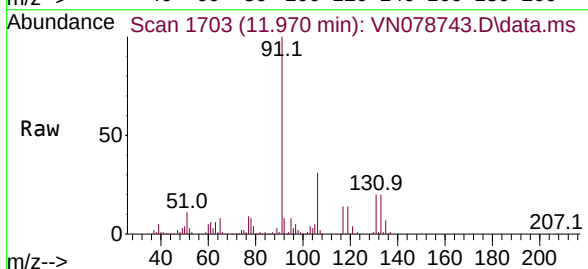
Manual Integrations
APPROVED

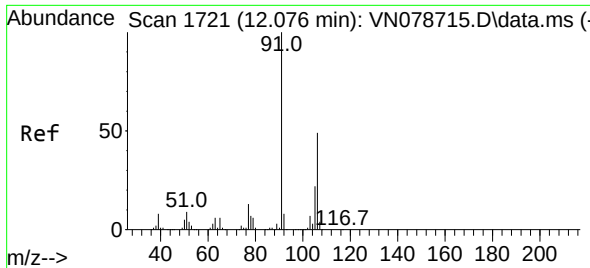
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#66
Ethyl Benzene
Concen: 21.266 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion: 91 Resp: 551940
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4





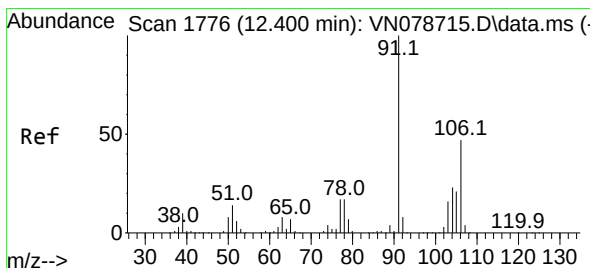
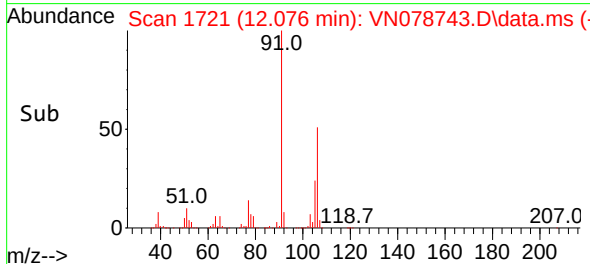
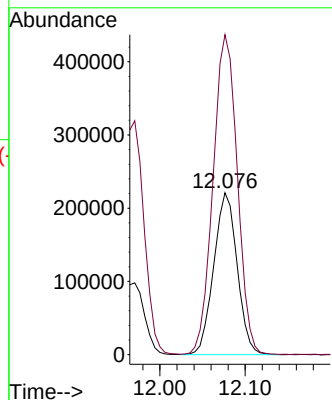
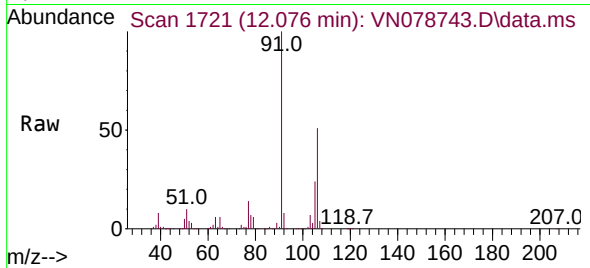
#67
m/p-Xylenes
Concen: 42.548 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 421809
Ion Ratio Lower Upper
106 100
91 205.3 162.5 243.7

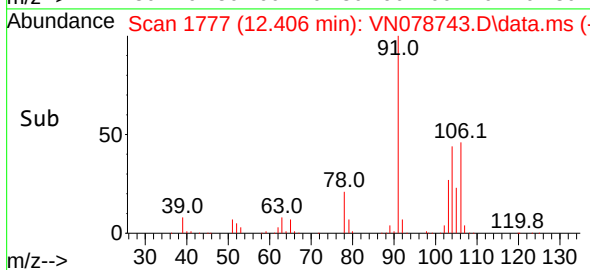
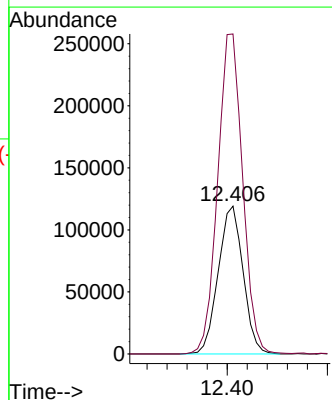
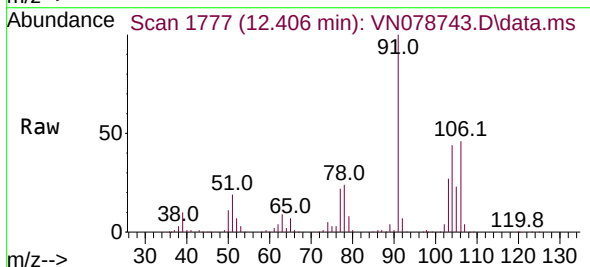
Manual Integrations
APPROVED

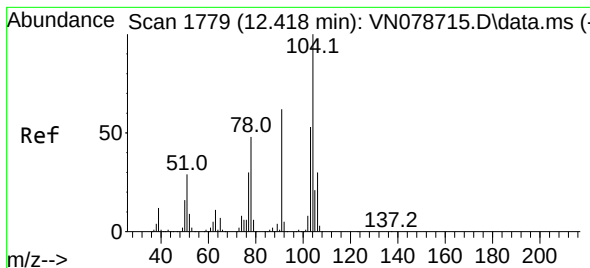
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#68
o-Xylene
Concen: 20.328 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion:106 Resp: 205061
Ion Ratio Lower Upper
106 100
91 217.6 106.1 318.3





#69

Styrene

Concen: 19.824 ug/l

RT: 12.418 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

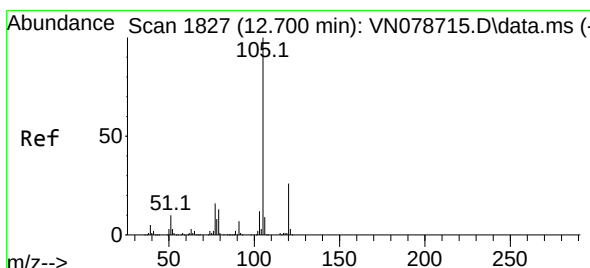
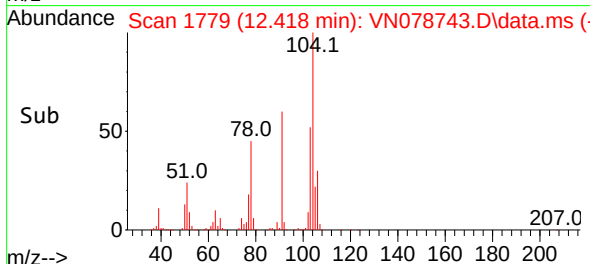
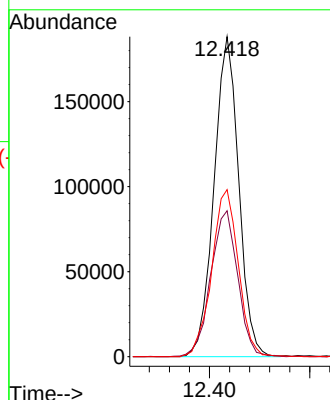
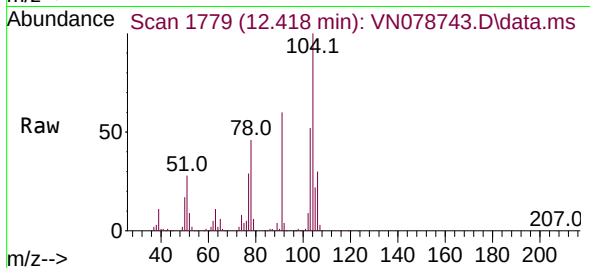
VSTDCCC020

Tgt Ion:104 Resp: 32175
 Ion Ratio Lower Upper
 104 100
 78 49.8 40.1 60.1
 103 56.1 45.1 67.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#70

Isopropylbenzene

Concen: 20.780 ug/l

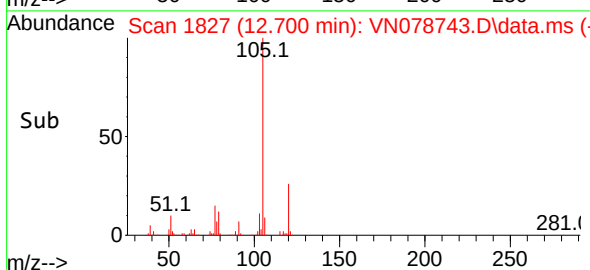
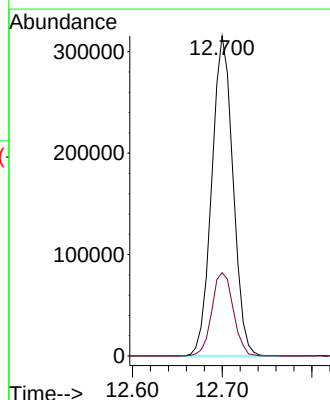
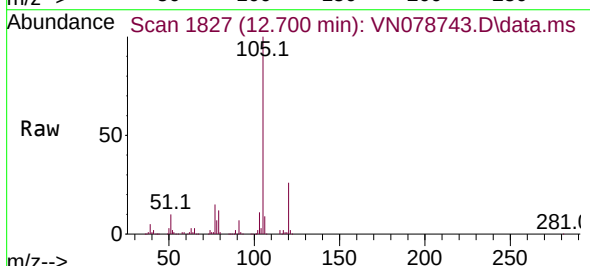
RT: 12.700 min Scan# 1827

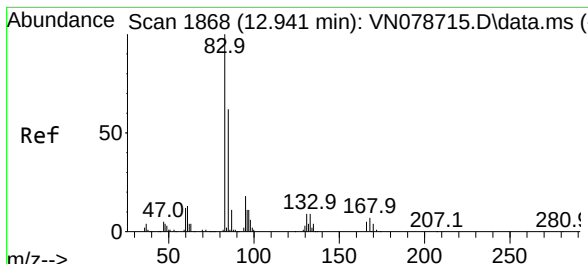
Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

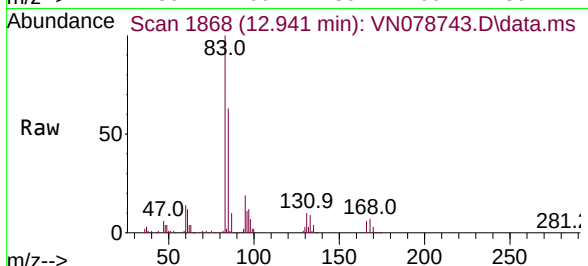
Tgt Ion:105 Resp: 518569
 Ion Ratio Lower Upper
 105 100
 120 26.3 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.119 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

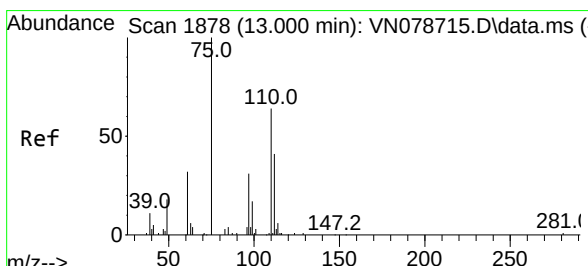
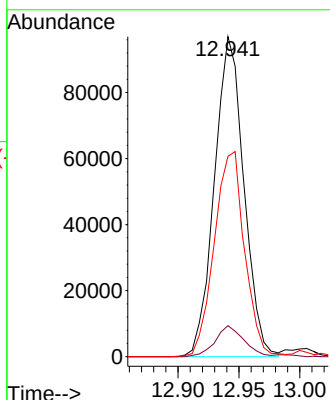
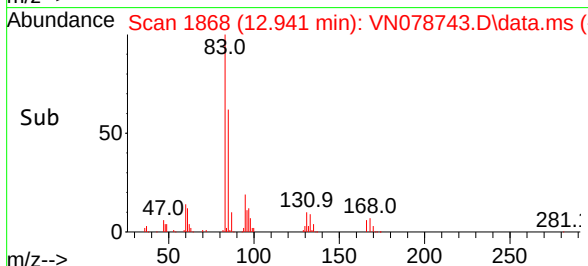
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020



Tgt Ion: 83 Resp: 163090
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 65.2 32.6 98.0

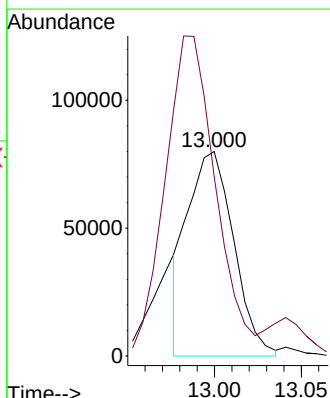
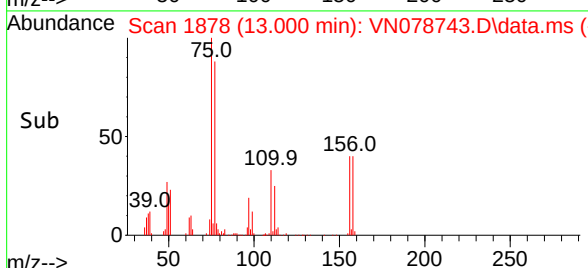
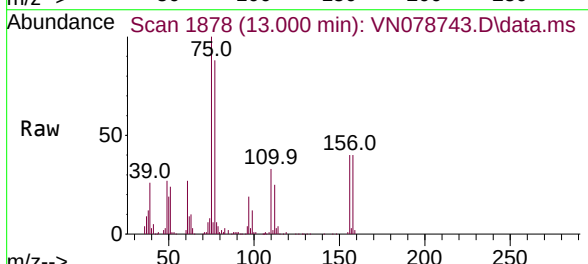
Manual Integrations
 APPROVED

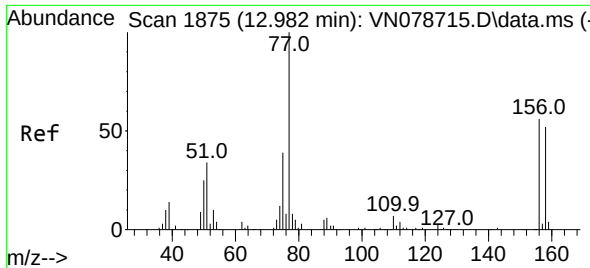
Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#72
 1,2,3-Trichloropropane
 Concen: 21.677 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

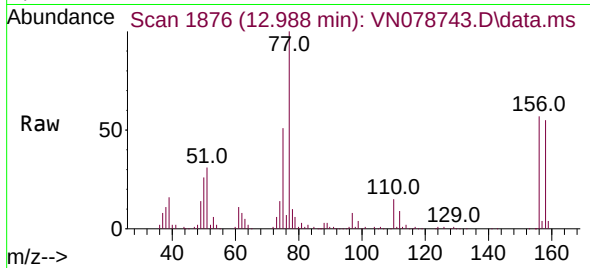
Tgt Ion: 75 Resp: 147411
 Ion Ratio Lower Upper
 75 100
 77 171.5 0.0 387.4





#73
Bromobenzene
Concen: 20.156 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

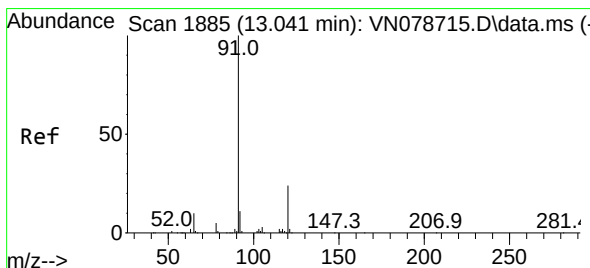
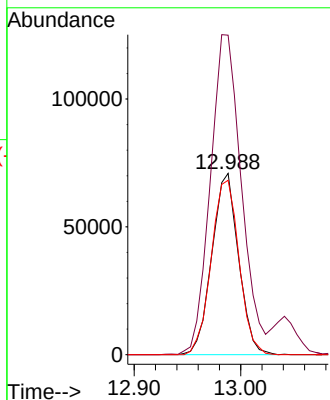
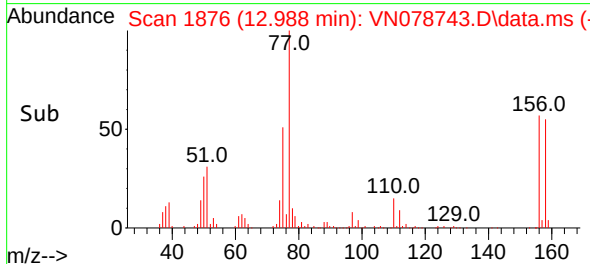
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



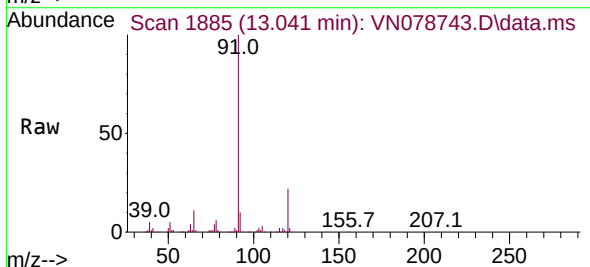
Tgt Ion:156 Resp: 123284
Ion Ratio Lower Upper
156 100
77 205.1 0.0 420.8
158 100.1 0.0 193.2

Manual Integrations
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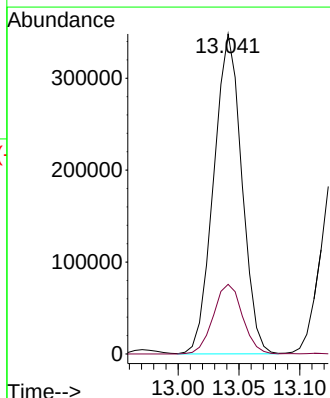
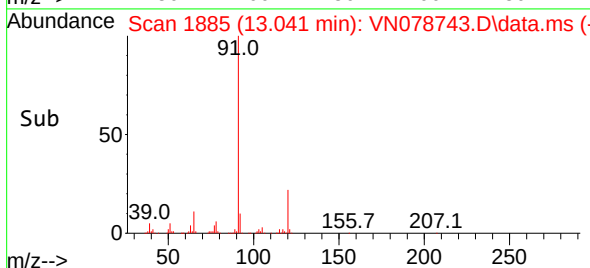
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

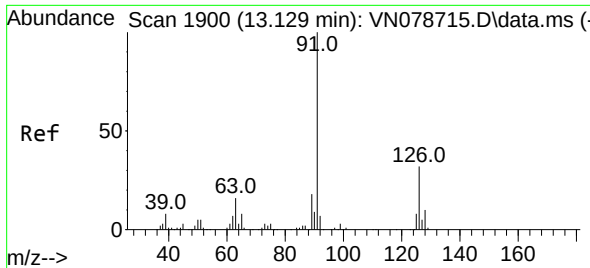


#74
n-propylbenzene
Concen: 20.225 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion: 91 Resp: 559399
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6





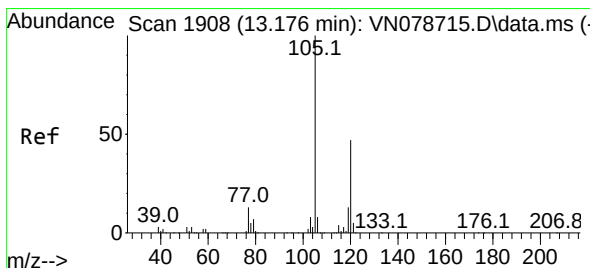
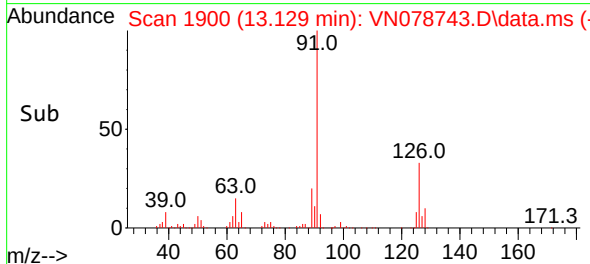
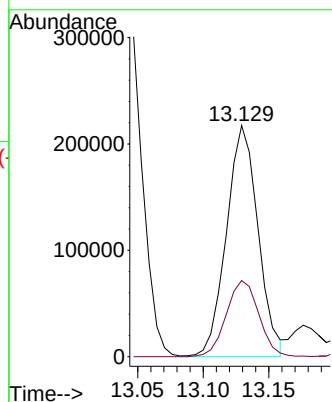
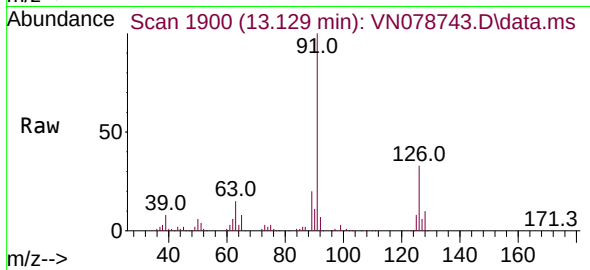
#75
2-Chlorotoluene
Concen: 19.102 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 36488
Ion Ratio Lower Upper
91 100
126 33.9 0.0 67.2

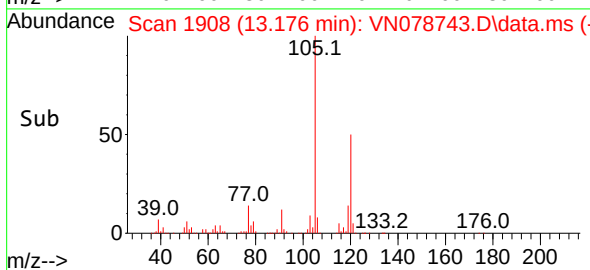
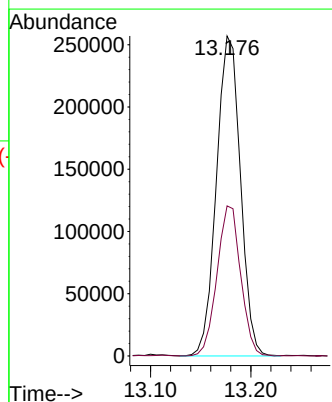
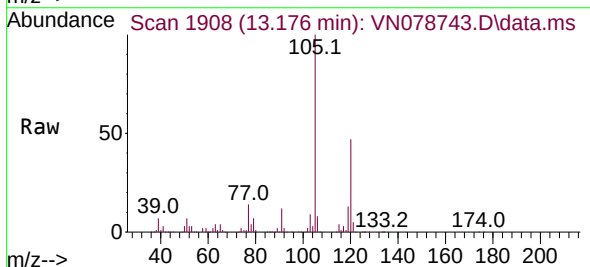
Manual Integrations
APPROVED

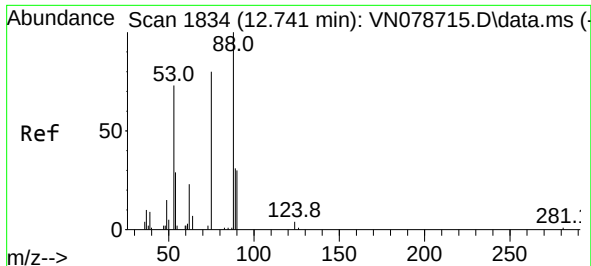
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.127 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

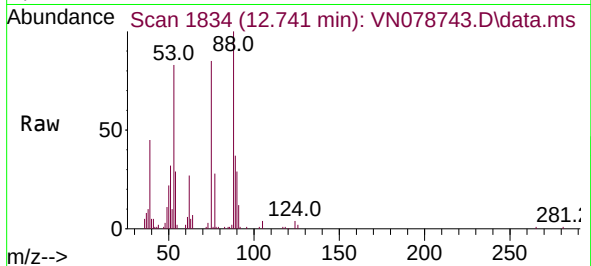
Tgt Ion:105 Resp: 426157
Ion Ratio Lower Upper
105 100
120 46.2 0.0 97.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.868 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

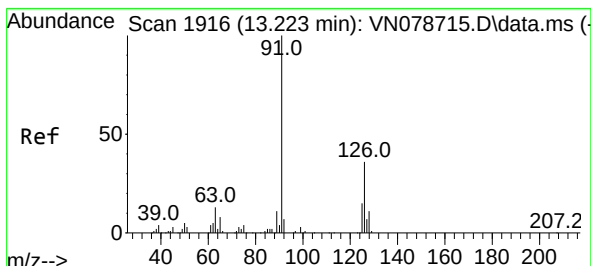
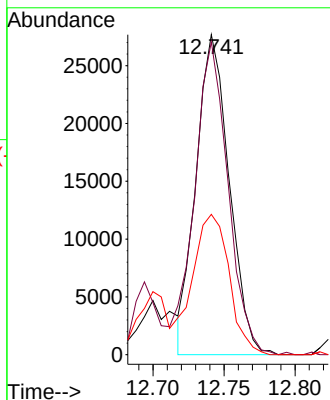
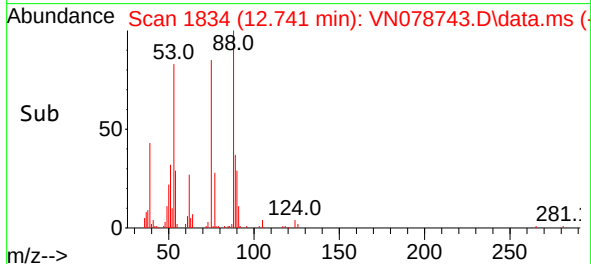
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



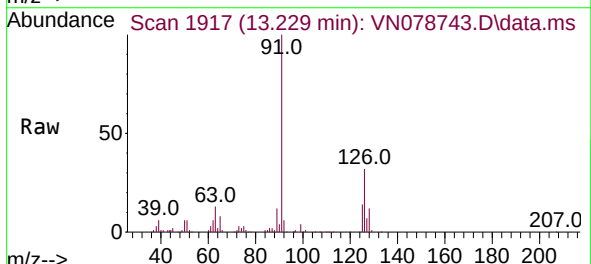
Tgt Ion: 75 Resp: 4484
Ion Ratio Lower Upper
75 100
53 97.8 41.6 124.9
89 43.9 25.1 75.4

Manual Integrations
APPROVED

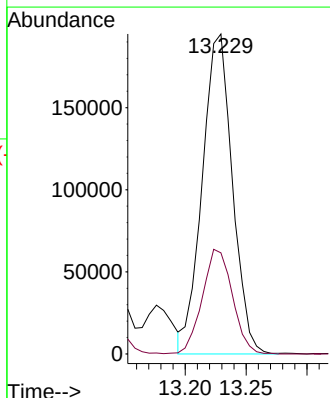
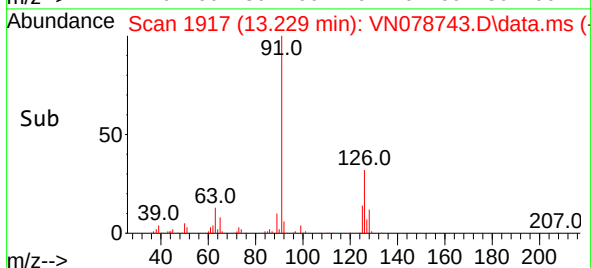
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

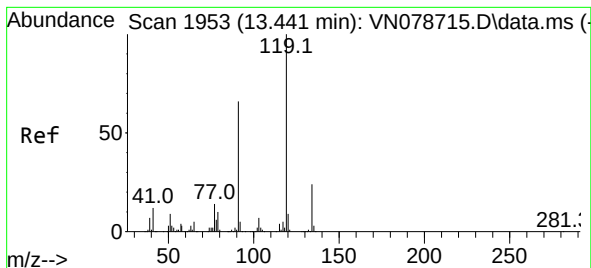


#78
4-Chlorotoluene
Concen: 18.222 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



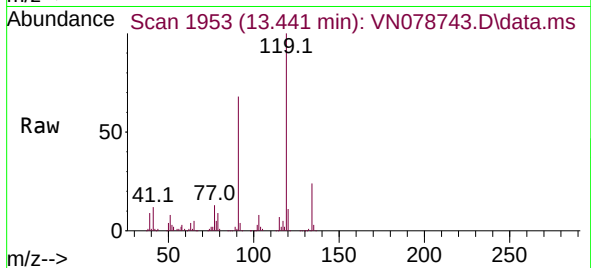
Tgt Ion: 91 Resp: 336068
Ion Ratio Lower Upper
91 100
126 32.7 0.0 68.8





#79
tert-butylbenzene
Concen: 18.146 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

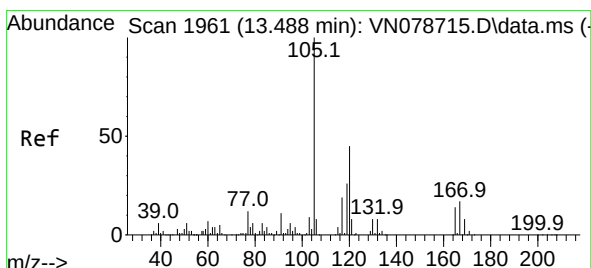
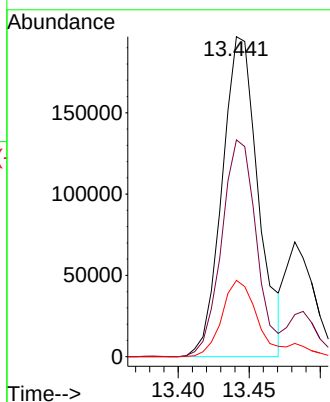
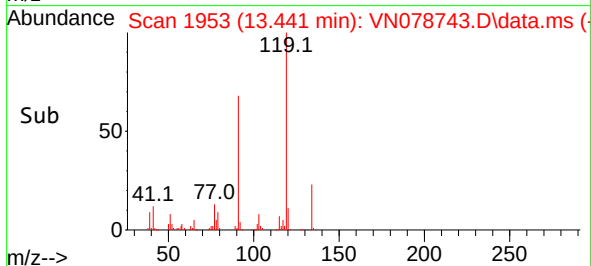
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



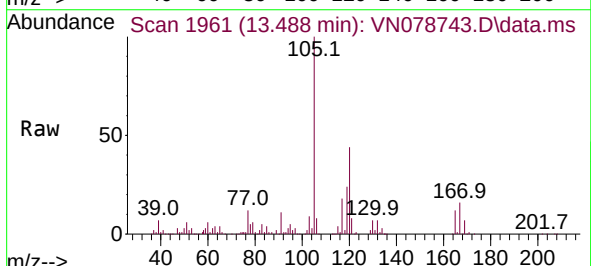
Tgt Ion:119 Resp: 347990
Ion Ratio Lower Upper
119 100
91 65.4 0.0 126.6
134 23.4 0.0 44.0

Manual Integrations
APPROVED

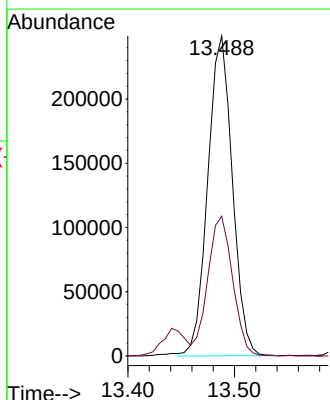
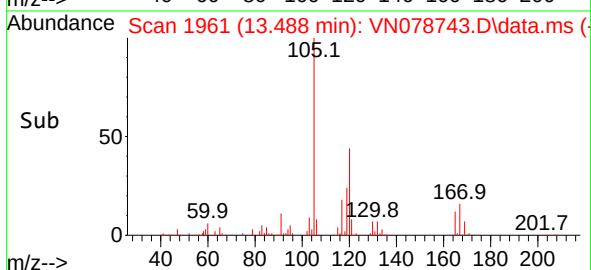
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023

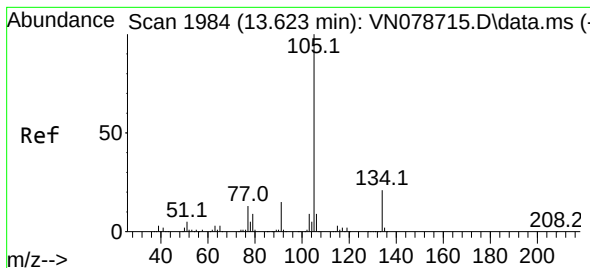


#80
1,2,4-Trimethylbenzene
Concen: 18.773 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion:105 Resp: 399484
Ion Ratio Lower Upper
105 100
120 44.2 0.0 88.2





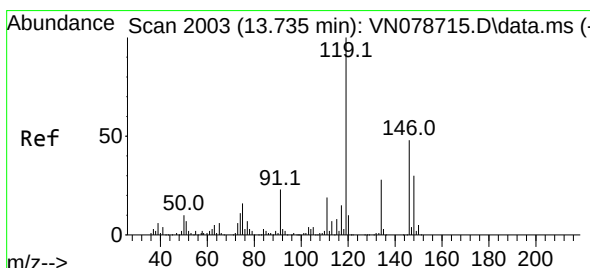
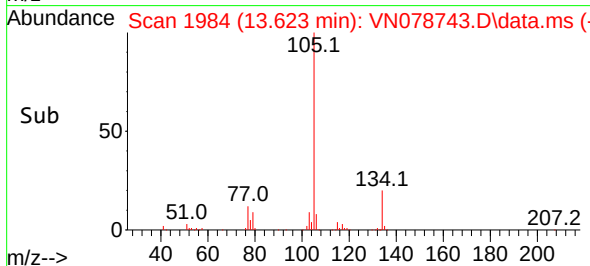
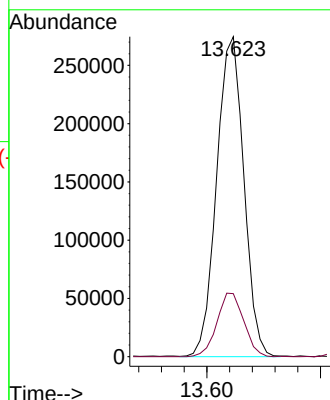
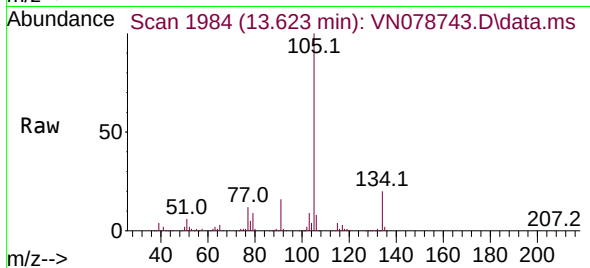
#81
 sec-Butylbenzene
 Concen: 18.572 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 456500
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6

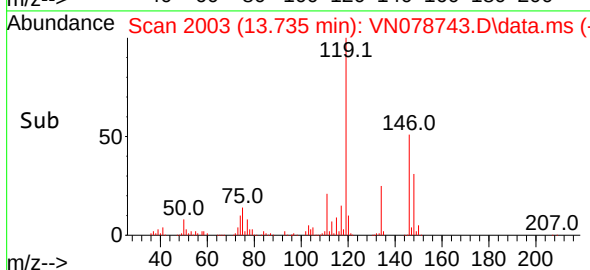
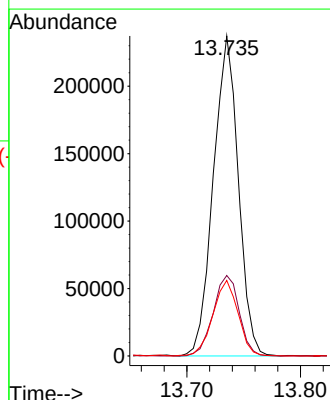
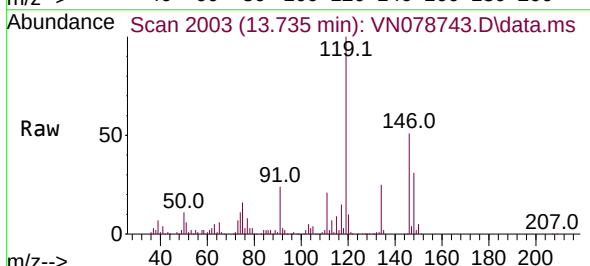
Manual Integrations
 APPROVED

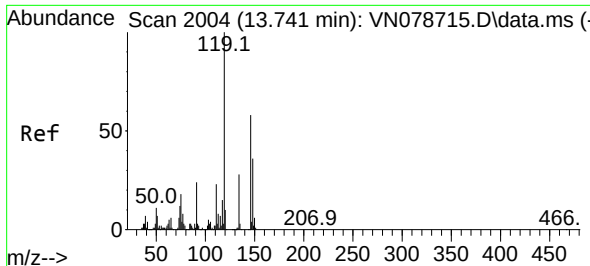
Reviewed By :Mahesh Dadoda 08/04/2023
 Supervised By :Semsettin Yesilyurt 08/04/2023



#82
 p-Isopropyltoluene
 Concen: 17.977 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078743.D
 Acq: 03 Aug 2023 10:37

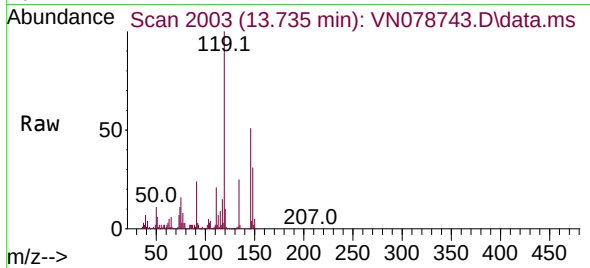
Tgt Ion:119 Resp: 362767
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.4
 91 23.8 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 18.889 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

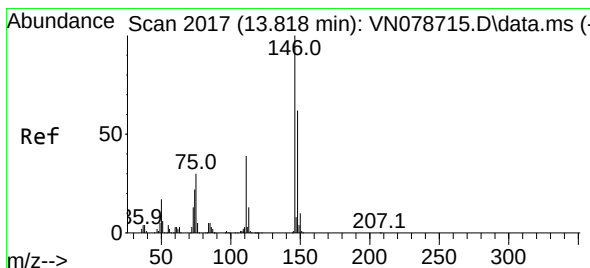
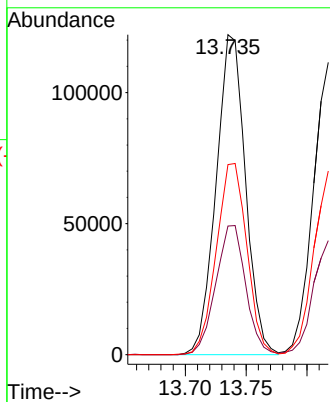
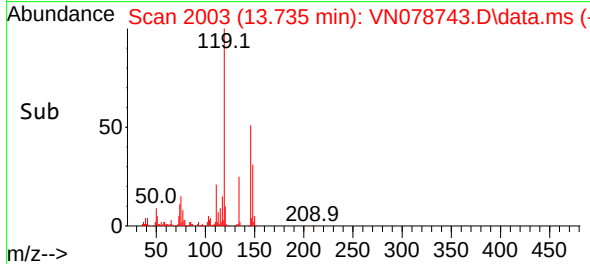
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 204880
Ion Ratio Lower Upper
146 100
111 41.2 21.6 64.6
148 62.1 31.9 95.5

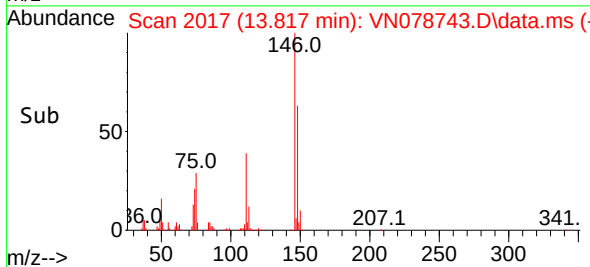
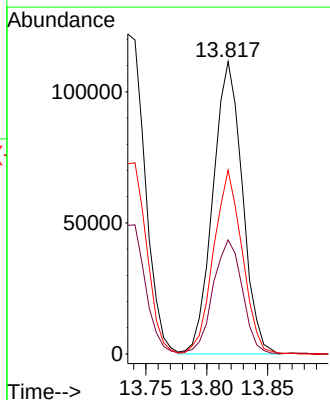
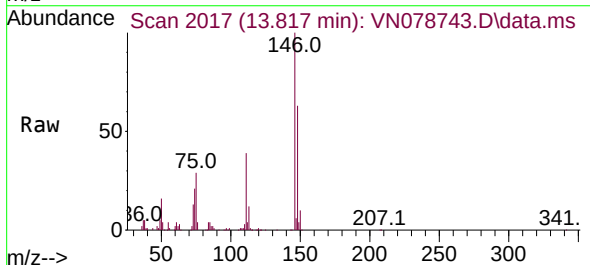
Manual Integrations
APPROVED

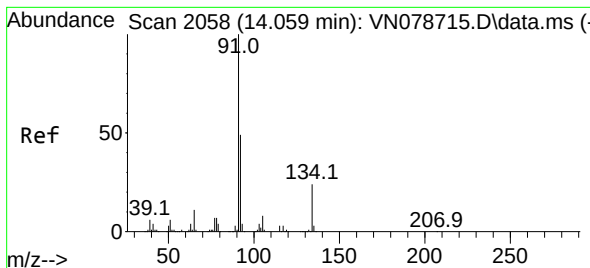
Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#84
1,4-Dichlorobenzene
Concen: 18.468 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

Tgt Ion:146 Resp: 187533
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 61.3 31.4 94.3





#85

n-Butylbenzene

Concen: 16.676 ug/l

RT: 14.064 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

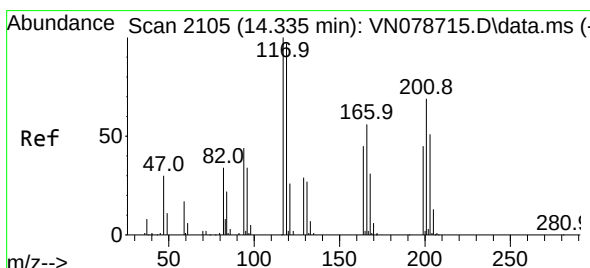
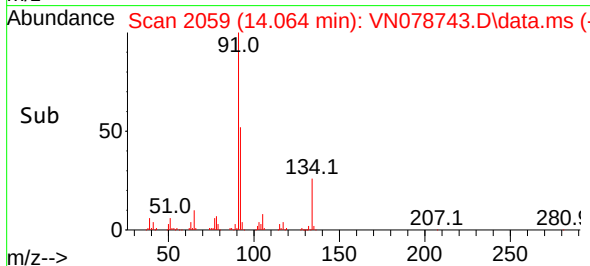
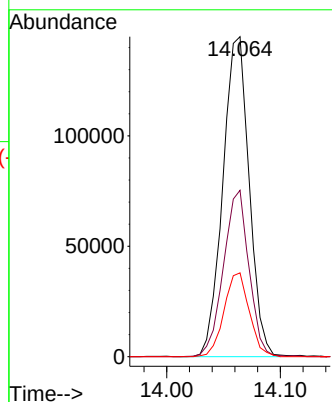
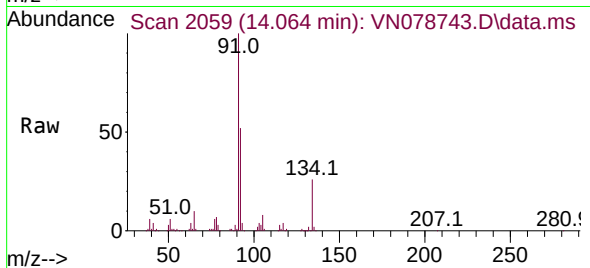
VSTDCCC020

Tgt Ion:	91	Resp:	233350
Ion Ratio	Lower	Upper	
91	100		
92	50.3	0.0	99.6
134	25.1	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#86

Hexachloroethane

Concen: 19.310 ug/l

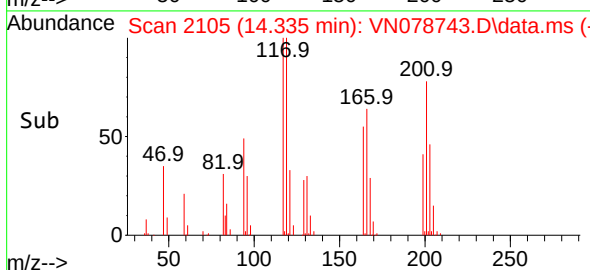
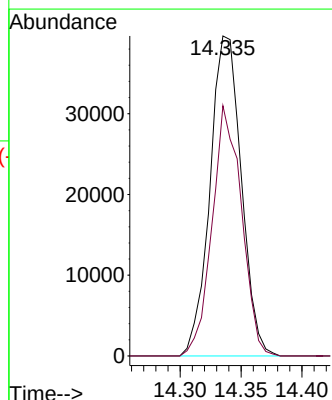
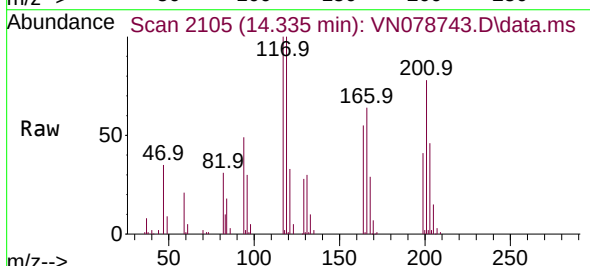
RT: 14.335 min Scan# 2105

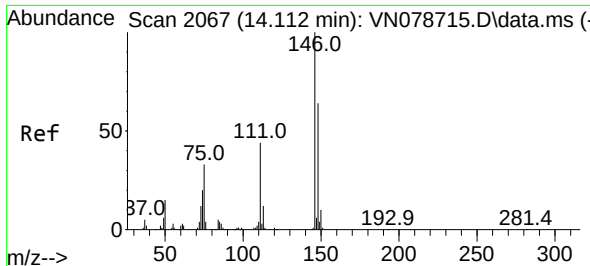
Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Tgt Ion:	117	Resp:	70998
Ion Ratio	Lower	Upper	
117	100		
201	73.2	34.2	102.6





#87

1,2-Dichlorobenzene

Concen: 19.535 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

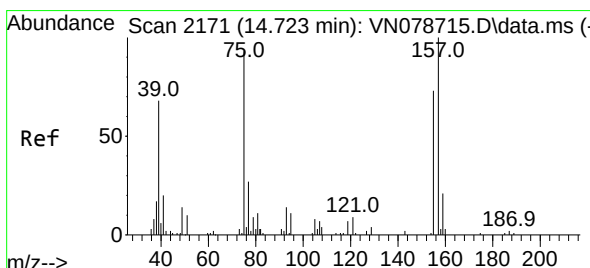
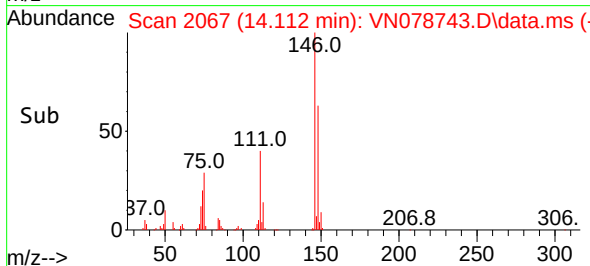
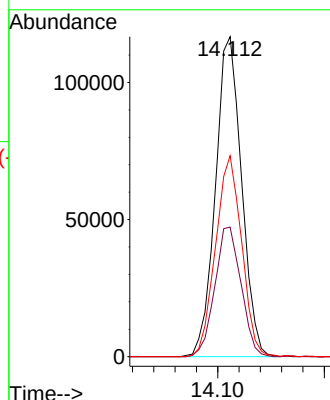
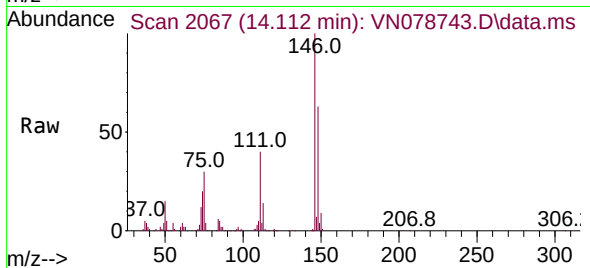
Tgt Ion:146 Resp: 198310

Ion	Ratio	Lower	Upper
146	100		
111	40.6	22.4	67.3
148	62.8	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.348 ug/l

RT: 14.723 min Scan# 2171

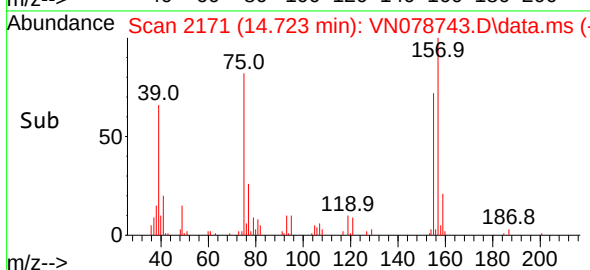
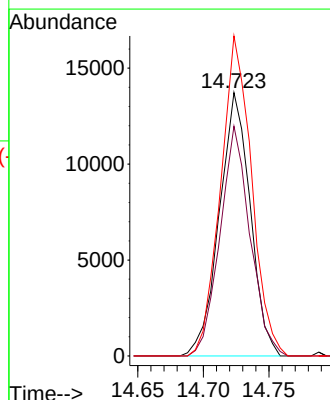
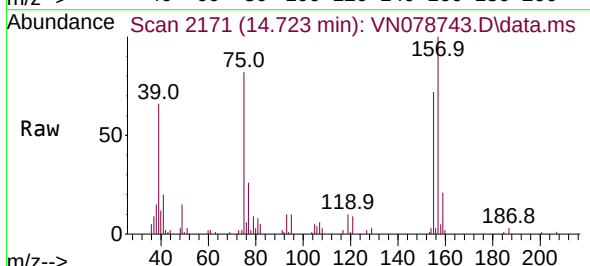
Delta R.T. -0.000 min

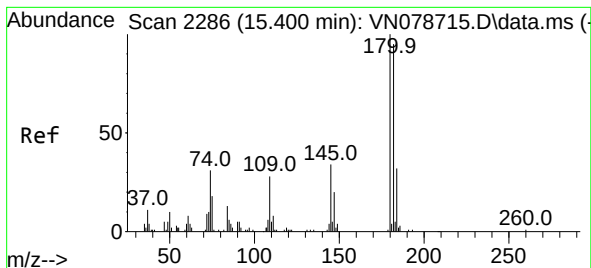
Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Tgt Ion: 75 Resp: 22506

Ion	Ratio	Lower	Upper
75	100		
155	84.7	68.2	102.2
157	121.9	84.7	127.1





#89

1,2,4-Trichlorobenzene

Concen: 15.444 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

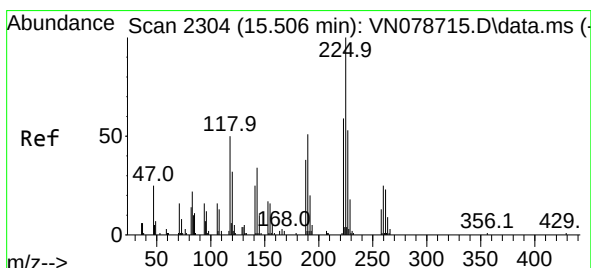
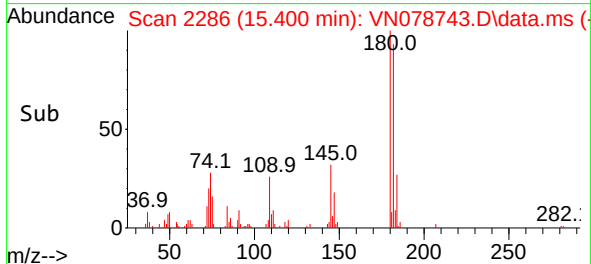
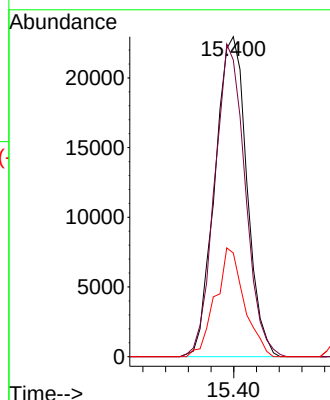
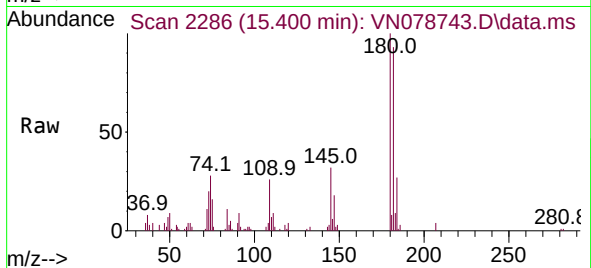
VSTDCCC020

Tgt Ion:	180	Resp:	4473
Ion Ratio	Lower	Upper	
180	100		
182	93.7	73.7	110.5
145	30.8	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#90

Hexachlorobutadiene

Concen: 18.184 ug/l

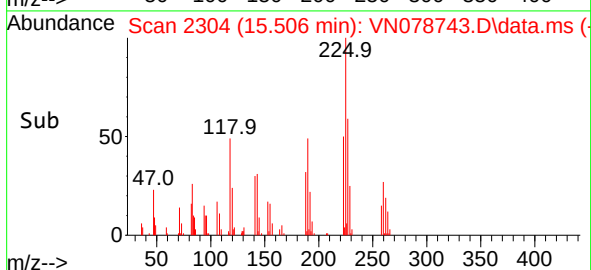
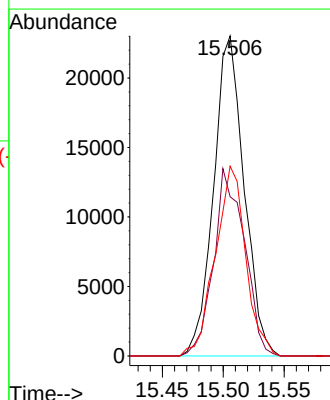
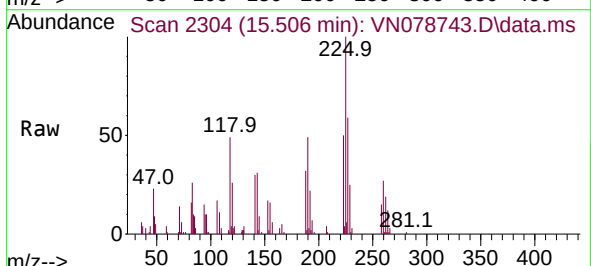
RT: 15.506 min Scan# 2304

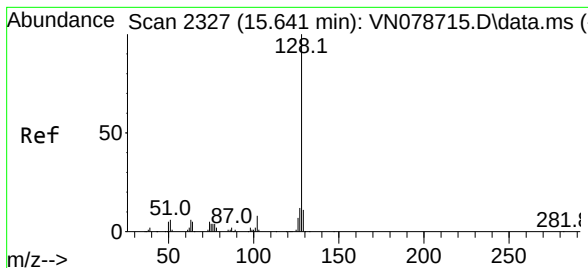
Delta R.T. -0.000 min

Lab File: VN078743.D

Acq: 03 Aug 2023 10:37

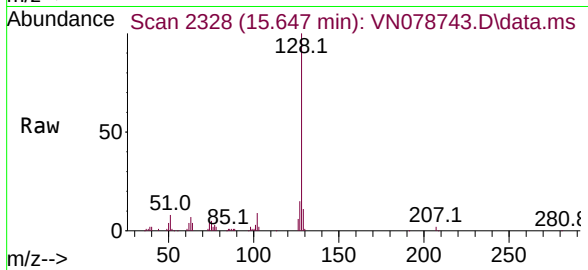
Tgt Ion:	225	Resp:	40124
Ion Ratio	Lower	Upper	
225	100		
223	58.9	0.0	130.0
227	59.2	0.0	124.0





#91
Naphthalene
Concen: 13.018 ug/l
RT: 15.647 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37

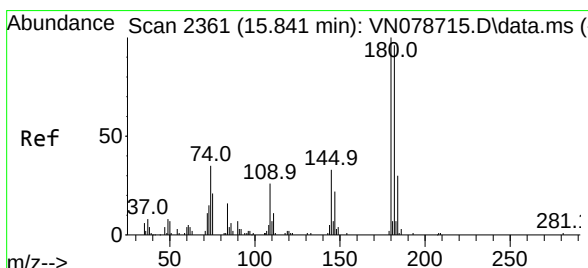
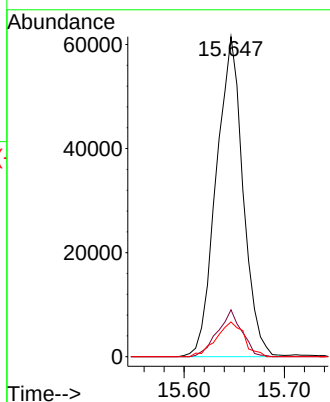
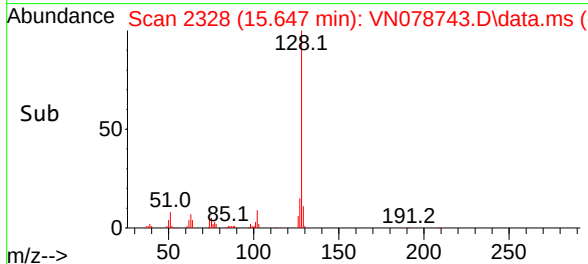
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



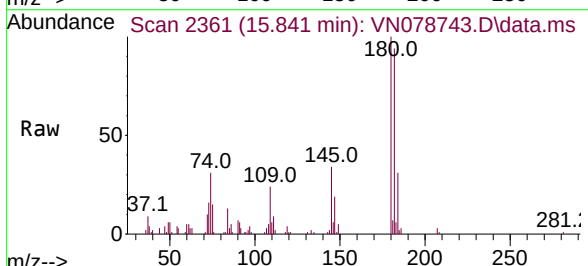
Tgt Ion:128 Resp: 114224
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.3 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/04/2023
Supervised By :Semsettin Yesilyurt 08/04/2023



#92
1,2,3-Trichlorobenzene
Concen: 15.858 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN078743.D
Acq: 03 Aug 2023 10:37



Tgt Ion:180 Resp: 52269
Ion Ratio Lower Upper
180 100
182 98.3 0.0 196.4
145 38.2 0.0 71.0

