

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077958.D
 Acq On : 30 May 2023 10:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 02:02:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	407324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	717402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	624709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	277994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	293922	48.227	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	8.177	113	249339	53.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.600%		
50) Toluene-d8	10.571	98	920707	51.132	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.260%		
62) 4-Bromofluorobenzene	12.859	95	322835	50.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	191581	41.328	ug/l	98
3) Chloromethane	2.371	50	214081	43.318	ug/l	98
4) Vinyl Chloride	2.524	62	273763	46.841	ug/l	98
5) Bromomethane	2.959	94	206122	47.685	ug/l	97
6) Chloroethane	3.124	64	198245	47.067	ug/l	99
7) Trichlorofluoromethane	3.506	101	393087	48.261	ug/l	99
8) Diethyl Ether	3.965	74	141371	47.543	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	217362	48.222	ug/l	98
10) Methyl Iodide	4.601	142	301097	56.011	ug/l	99
11) Tert butyl alcohol	5.524	59	180793	214.945	ug/l	99
12) 1,1-Dichloroethene	4.348	96	214757	50.128	ug/l	90
13) Acrolein	4.189	56	100777	185.136	ug/l	96
14) Allyl chloride	5.036	41	325271	51.683	ug/l	95
15) Acrylonitrile	5.730	53	511779	227.747	ug/l	98
16) Acetone	4.436	43	471673	245.990	ug/l	94
17) Carbon Disulfide	4.718	76	535317	46.375	ug/l	100
18) Methyl Acetate	5.036	43	370530	46.063	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	758907	48.940	ug/l	99
20) Methylene Chloride	5.289	84	256049	51.359	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	236529	49.150	ug/l	88
22) Diisopropyl ether	6.683	45	733095	49.695	ug/l	95
23) Vinyl Acetate	6.612	43	2169927	237.412	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	459308	50.822	ug/l	98
25) 2-Butanone	7.494	43	672378	224.166	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	400201	52.122	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	293218	50.816	ug/l	91
28) Bromochloromethane	7.818	49	192193	49.172	ug/l	88
29) Tetrahydrofuran	7.847	42	428503	218.176	ug/l #	84
30) Chloroform	7.971	83	493662	49.656	ug/l	95
31) Cyclohexane	8.265	56	373468	45.086	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	440079	52.066	ug/l	97
36) 1,1-Dichloropropene	8.377	75	360374	52.667	ug/l	97
37) Ethyl Acetate	7.571	43	273900	44.911	ug/l	94
38) Carbon Tetrachloride	8.371	117	392196	56.762	ug/l	98
39) Methylcyclohexane	9.606	83	404879	48.333	ug/l	91
40) Benzene	8.612	78	1060608	52.527	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	147170	45.312	ug/l	93
42) 1,2-Dichloroethane	8.683	62	369945	50.437	ug/l	98
43) Isopropyl Acetate	8.694	43	493369	49.527	ug/l	94
44) Trichloroethene	9.359	130	277335	54.244	ug/l	100
45) 1,2-Dichloropropane	9.630	63	275938	53.576	ug/l	92
46) Dibromomethane	9.712	93	190960	51.815	ug/l	96
47) Bromodichloromethane	9.894	83	392888	55.683	ug/l	99
48) Methyl methacrylate	9.688	41	223614	47.346	ug/l	91
49) 1,4-Dioxane	9.700	88	87586	981.851	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1424494	240.570	ug/l	93
52) Toluene	10.635	92	691873	55.040	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	415211	55.570	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	454055	55.144	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	260234	52.138	ug/l	97
56) Ethyl methacrylate	10.882	69	391360	51.858	ug/l	93
57) 1,3-Dichloropropane	11.171	76	441486	51.596	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	785114	211.468	ug/l	93
59) 2-Hexanone	11.200	43	994916	227.162	ug/l	93
60) Dibromochloromethane	11.365	129	293464	56.954	ug/l	99
61) 1,2-Dibromoethane	11.477	107	264834	53.187	ug/l	98
64) Tetrachloroethene	11.112	164	257324	58.901	ug/l	97
65) Chlorobenzene	11.900	112	732809	54.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	278136	59.354	ug/l	99
67) Ethyl Benzene	11.971	91	1332024	54.884	ug/l	98
68) m/p-Xylenes	12.076	106	1019819	110.898	ug/l	99
69) o-Xylene	12.406	106	495095	54.744	ug/l	97
70) Styrene	12.418	104	801342	55.778	ug/l	98
71) Bromoform	12.588	173	188981	60.623	ug/l #	98
73) Isopropylbenzene	12.700	105	1295518	54.063	ug/l	99
74) N-amyl acetate	12.500	43	396499	44.764	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	356225	48.322	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	317666m	45.629	ug/l	
77) Bromobenzene	12.988	156	282591	51.676	ug/l	98
78) n-propylbenzene	13.041	91	1482652	52.481	ug/l	100
79) 2-Chlorotoluene	13.129	91	889168	52.745	ug/l	98
80) 1,3,5-Trimethylbenzene	13.182	105	1082730	53.760	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	131102	60.194	ug/l	91
82) 4-Chlorotoluene	13.229	91	849512	50.648	ug/l	98
83) tert-Butylbenzene	13.447	119	919339	52.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1069608	54.000	ug/l	99
85) sec-Butylbenzene	13.623	105	1268841	50.779	ug/l	99
86) p-Isopropyltoluene	13.735	119	1057787	53.100	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	509272	50.357	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	495795	49.403	ug/l	99
89) n-Butylbenzene	14.065	91	859403	46.904	ug/l	98
90) Hexachloroethane	14.341	117	194124	59.319	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	500131	52.936	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59876	41.952	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	212477	38.485	ug/l	97
94) Hexachlorobutadiene	15.512	225	93262	40.684	ug/l	98
95) Naphthalene	15.647	128	625187	32.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	216766	40.100	ug/l	98

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ClientSampleId :
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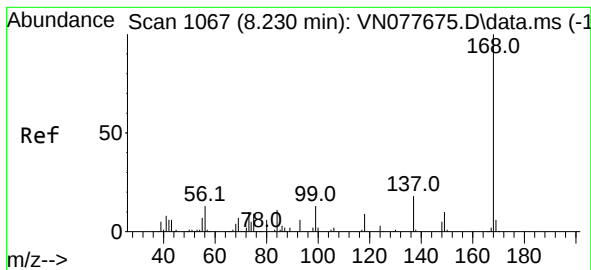
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/31/2023

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
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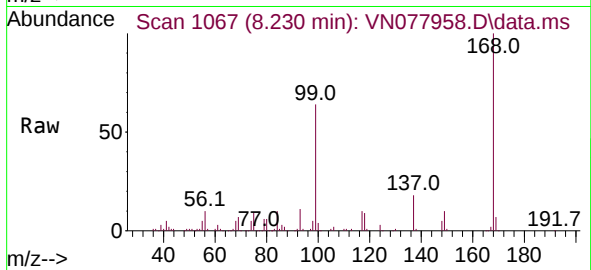
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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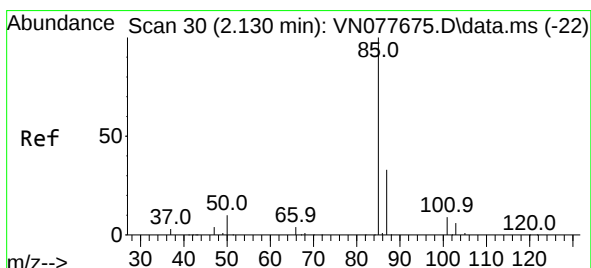
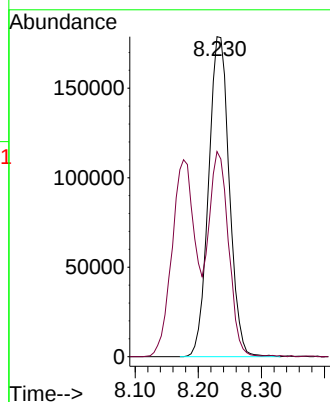
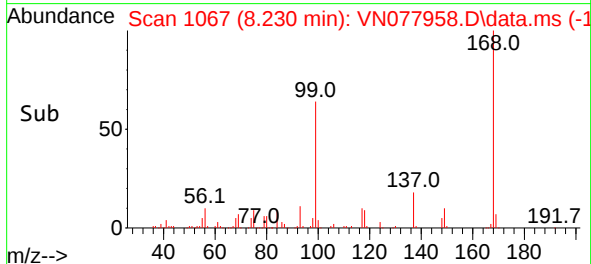
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



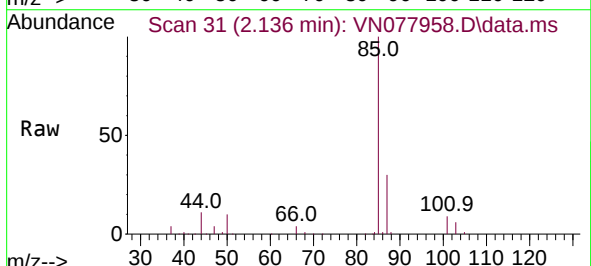
Tgt Ion:168 Resp: 407324
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6

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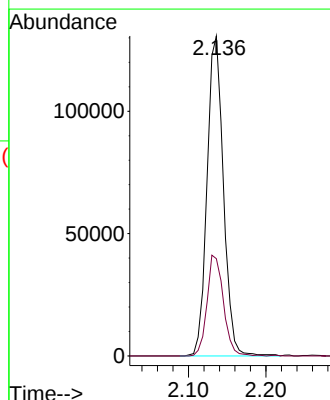
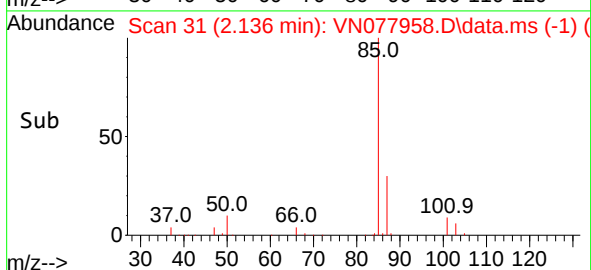
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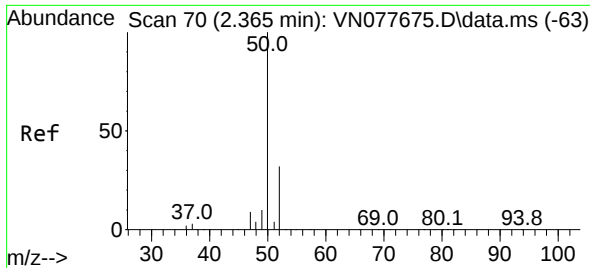


#2
Dichlorodifluoromethane
Concen: 41.328 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



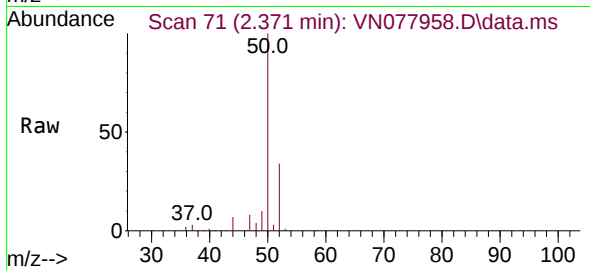
Tgt Ion: 85 Resp: 191581
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.4





#3
Chloromethane
Concen: 43.318 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

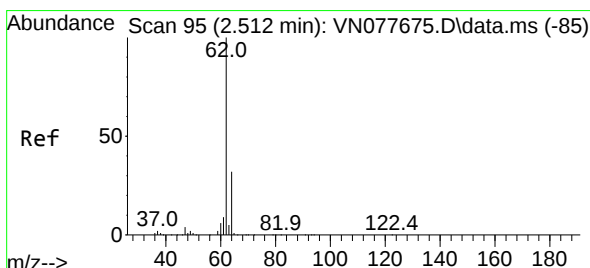
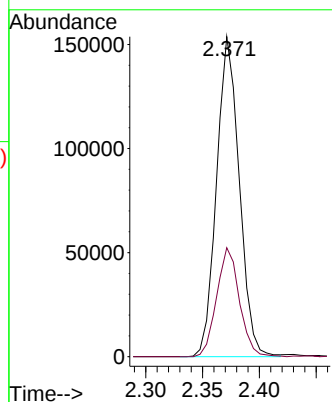
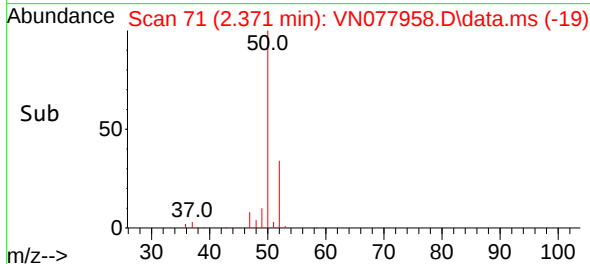
Instrument :
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Tgt Ion: 50 Resp: 21408
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

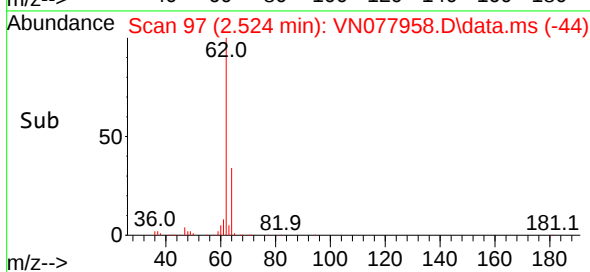
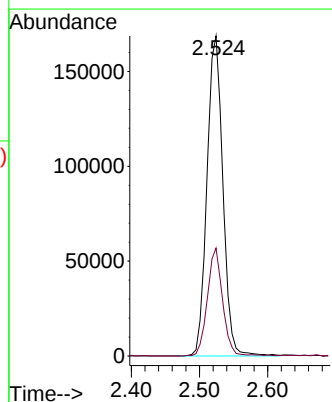
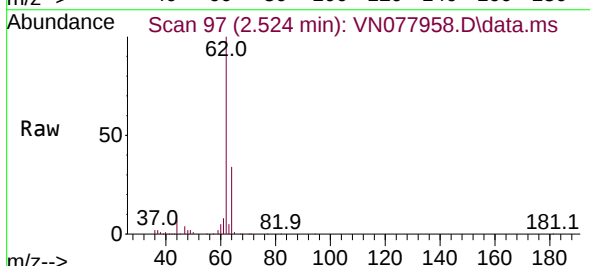
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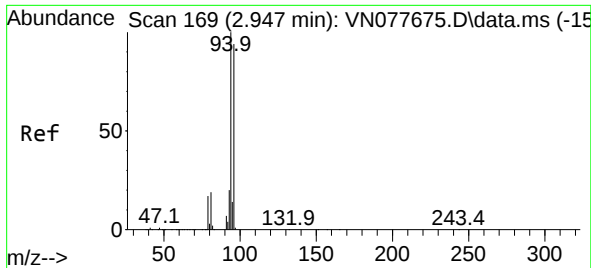
Reviewed By :Semsettin Yesilyurt 05/31/2023
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#4
Vinyl Chloride
Concen: 46.841 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 62 Resp: 273763
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





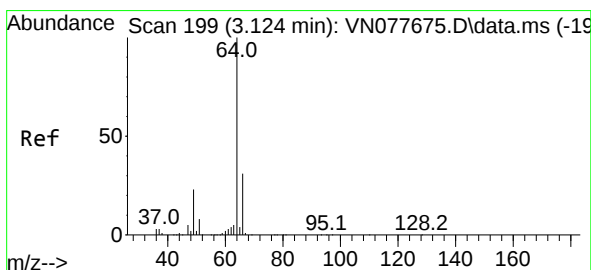
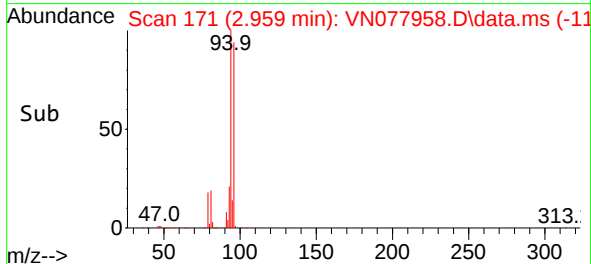
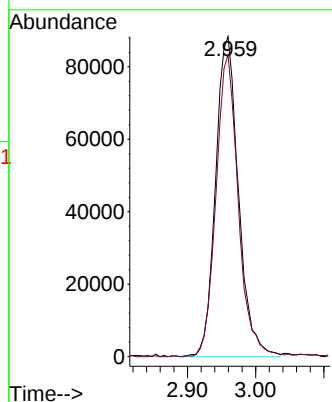
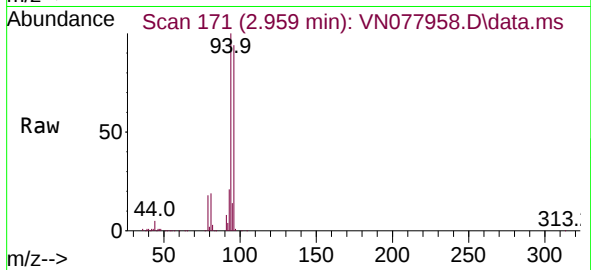
#5
Bromomethane
Concen: 47.685 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 20612
Ion Ratio Lower Upper
94 100
96 94.3 73.1 109.7

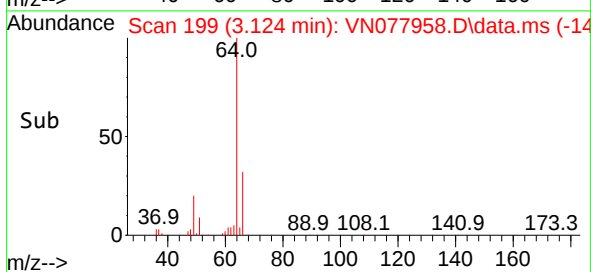
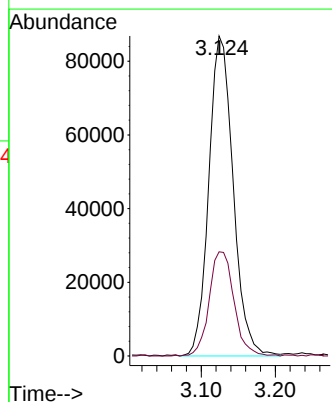
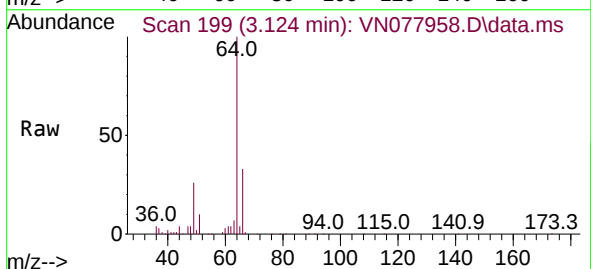
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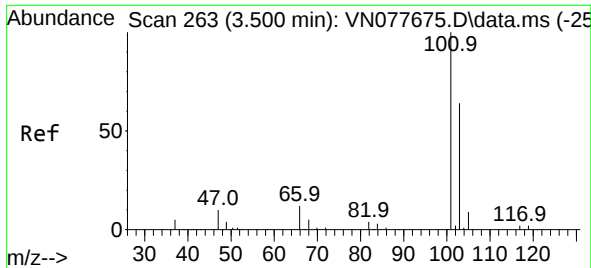
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#6
Chloroethane
Concen: 47.067 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 64 Resp: 198245
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





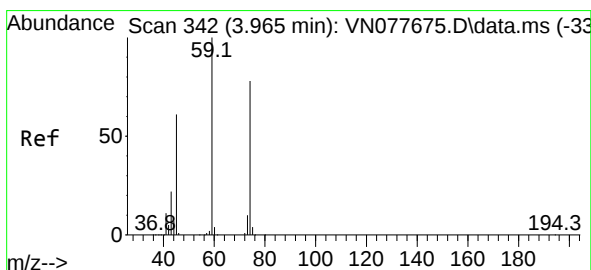
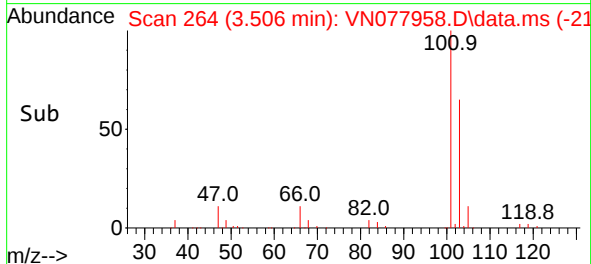
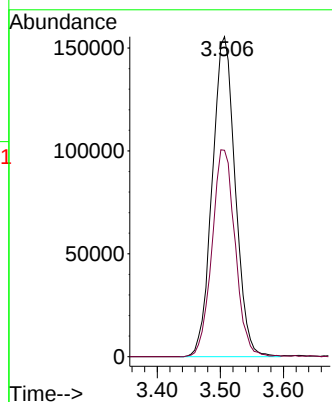
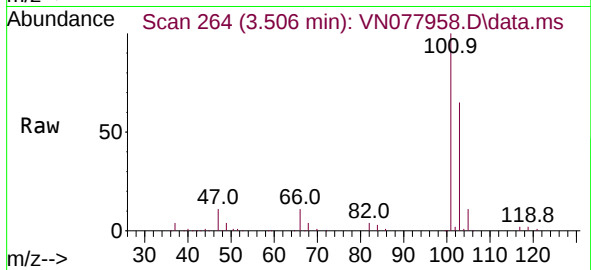
#7
Trichlorofluoromethane
Concen: 48.261 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 39308
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1

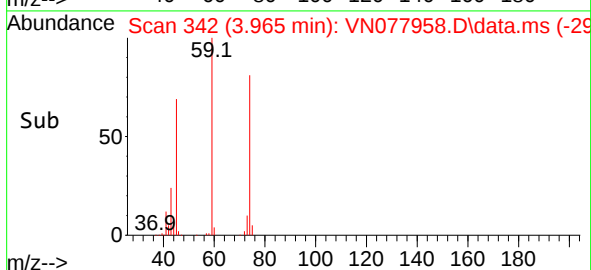
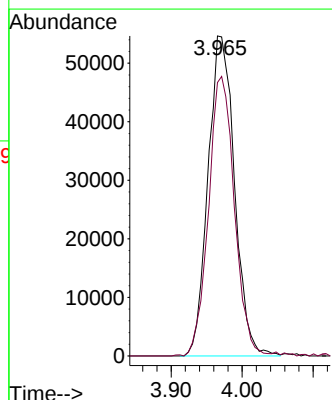
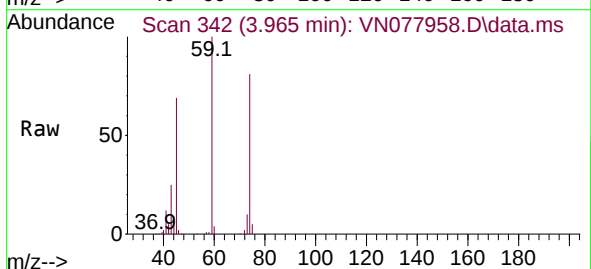
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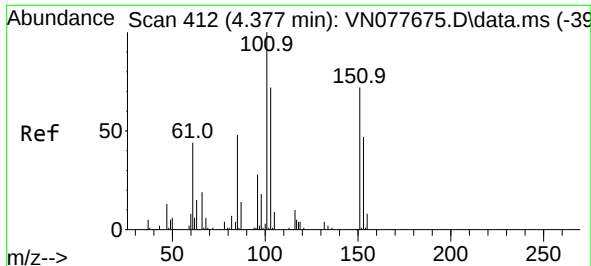
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#8
Diethyl Ether
Concen: 47.543 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 74 Resp: 141371
Ion Ratio Lower Upper
74 100
45 85.4 34.4 103.3





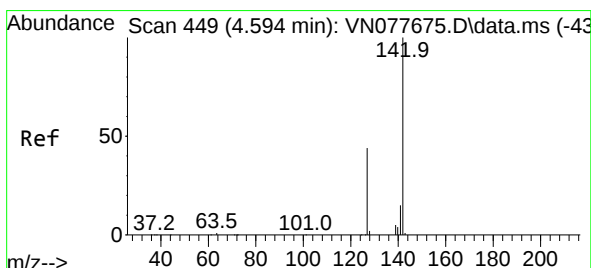
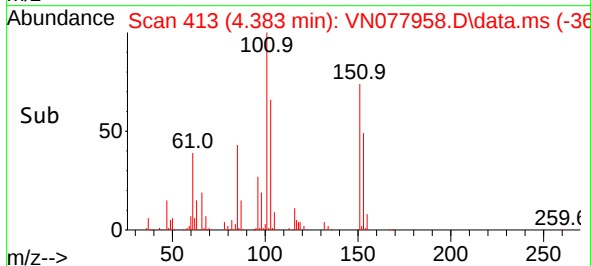
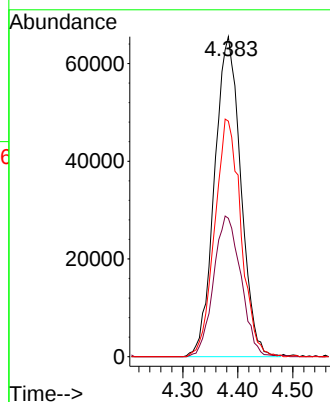
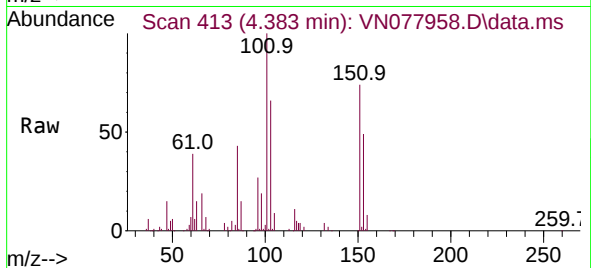
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.222 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 21736
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 74.4 57.6 86.4

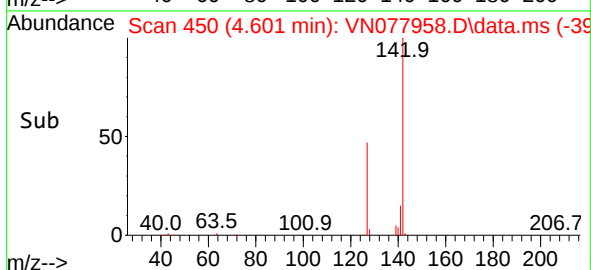
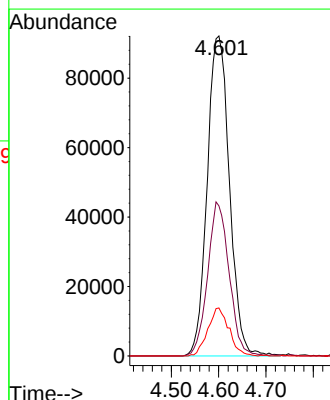
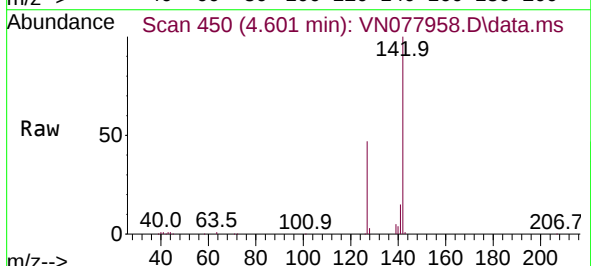
Manual Integrations
APPROVED

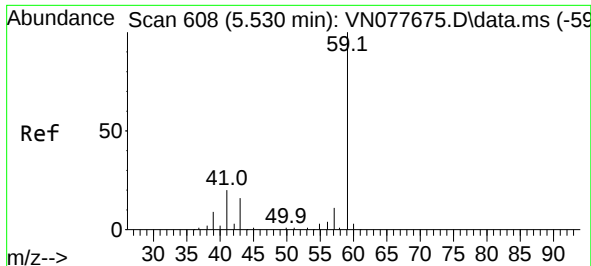
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#10
Methyl Iodide
Concen: 56.011 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.007 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

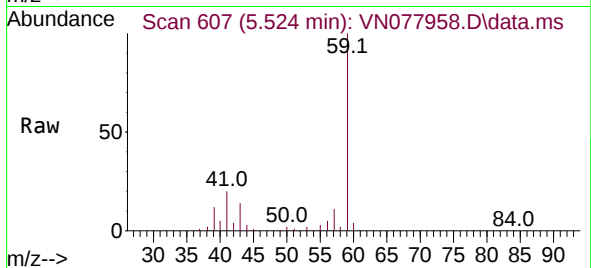
Tgt Ion:142 Resp: 301097
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 214.945 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

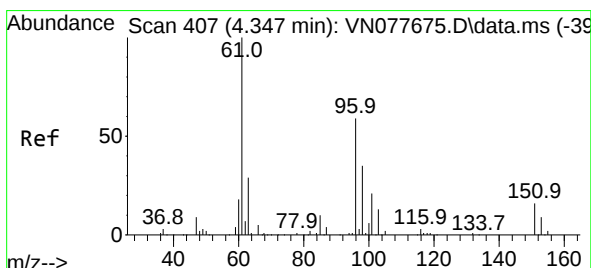
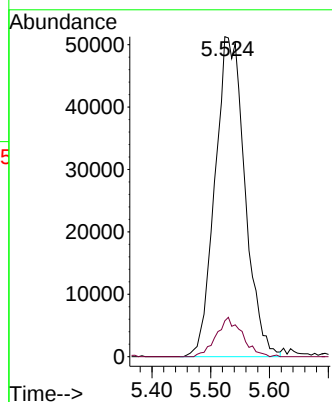
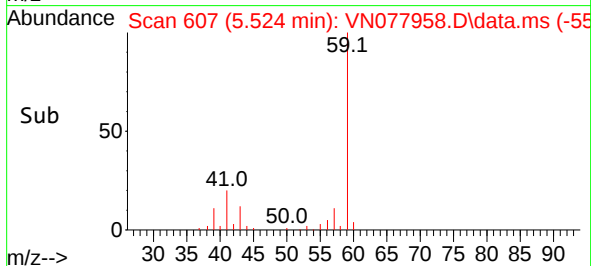
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



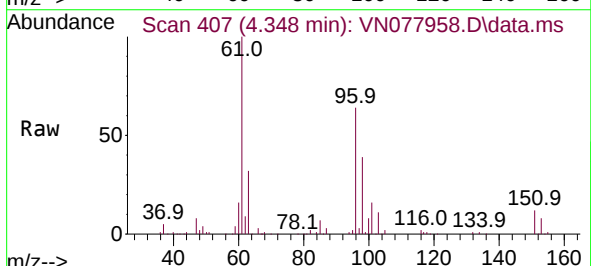
Tgt Ion: 59 Resp: 180793
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
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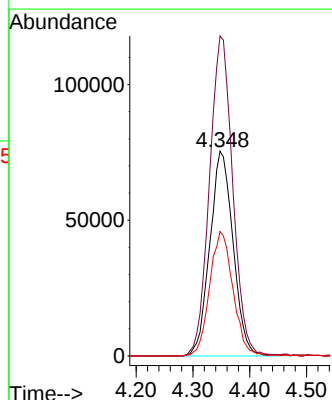
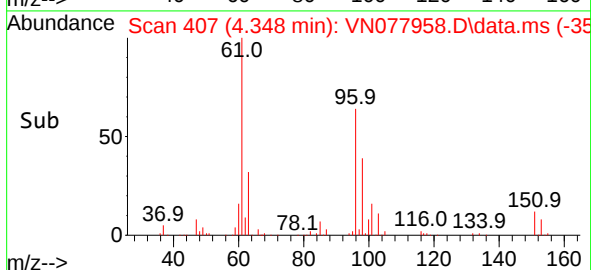
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

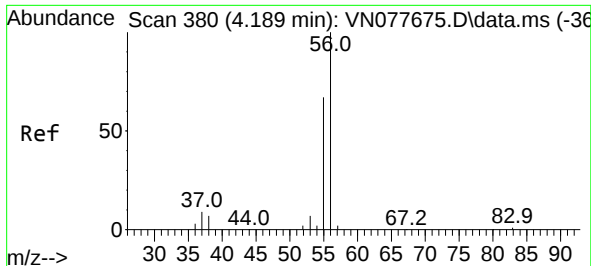


#12
1,1-Dichloroethene
Concen: 50.128 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



Tgt Ion: 96 Resp: 214757
Ion Ratio Lower Upper
96 100
61 156.4 112.7 169.1
98 60.8 51.2 76.8





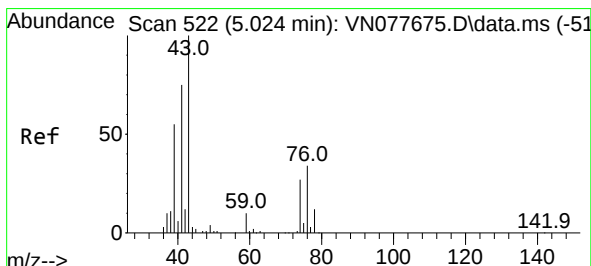
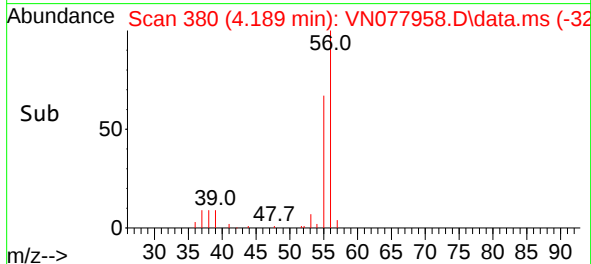
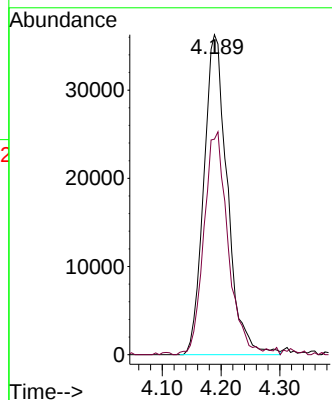
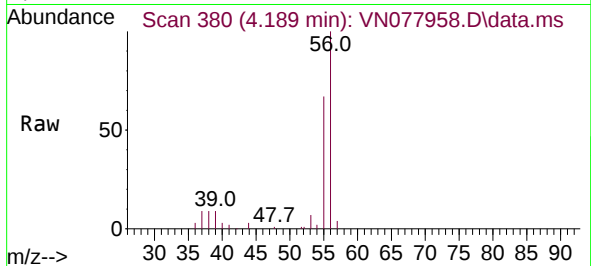
#13
Acrolein
Concen: 185.136 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 10077
Ion Ratio Lower Upper
56 100
55 71.2 54.5 81.7

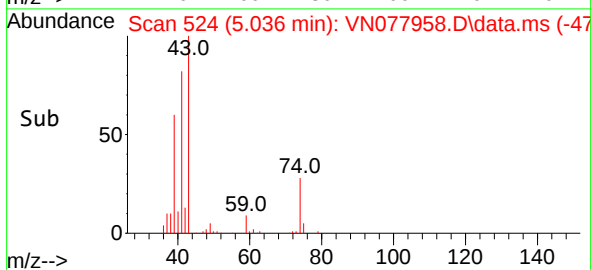
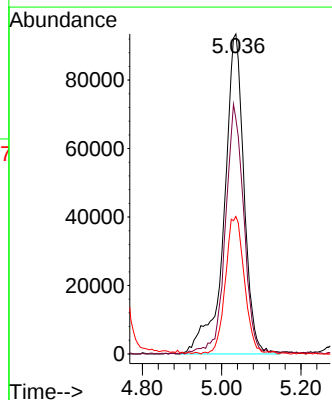
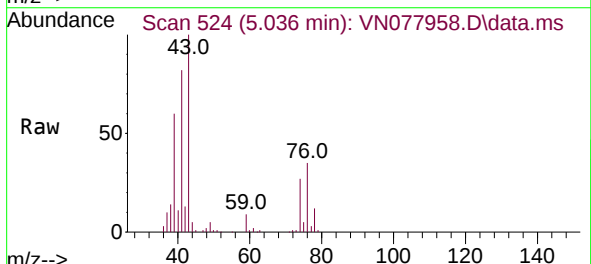
Manual Integrations
APPROVED

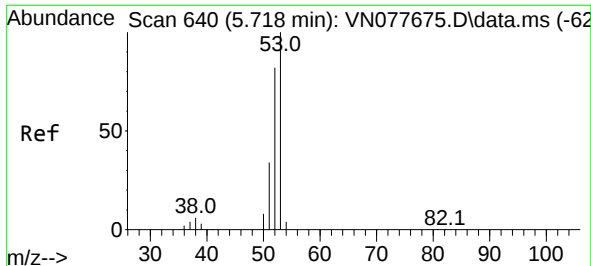
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#14
Allyl chloride
Concen: 51.683 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

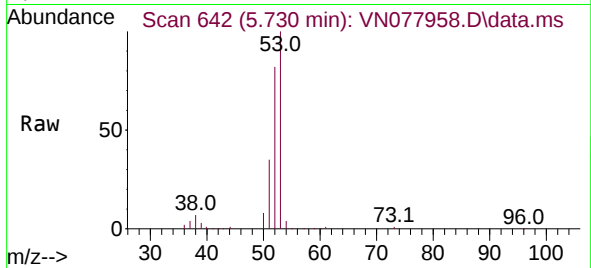
Tgt Ion: 41 Resp: 325271
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 40.9 39.1 58.7





#15
Acrylonitrile
Concen: 227.747 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

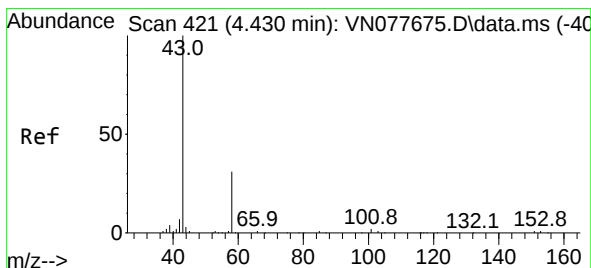
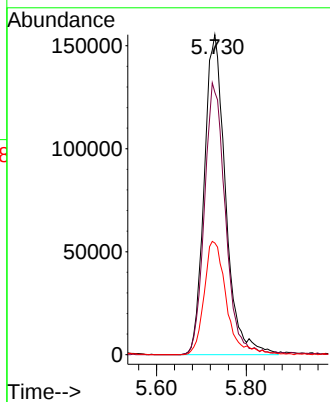
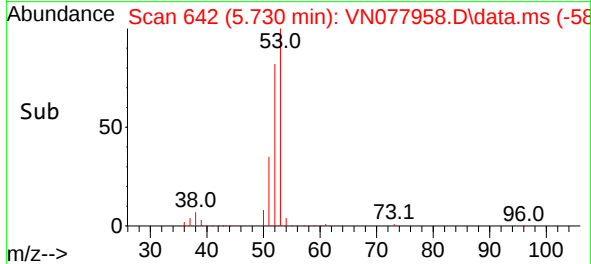
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 511779
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.2 28.9 43.3

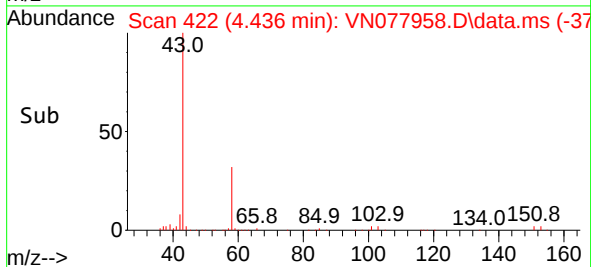
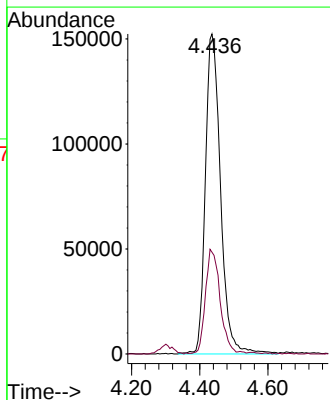
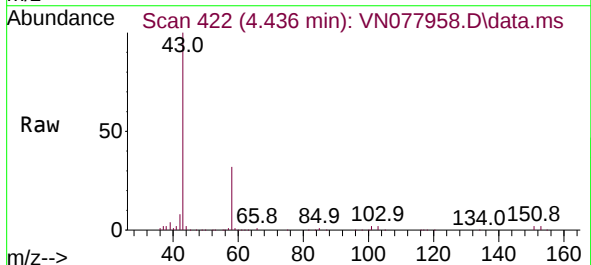
Manual Integrations
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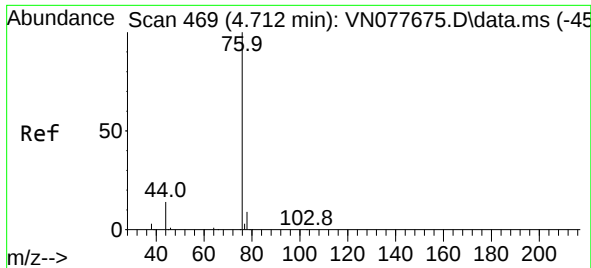
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#16
Acetone
Concen: 245.990 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 43 Resp: 471673
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0





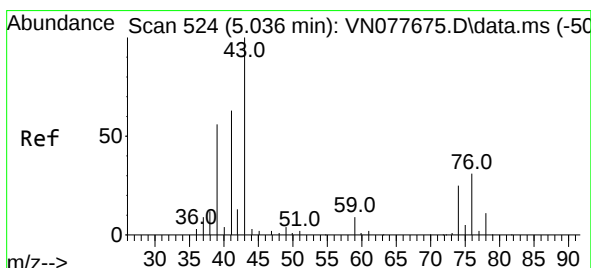
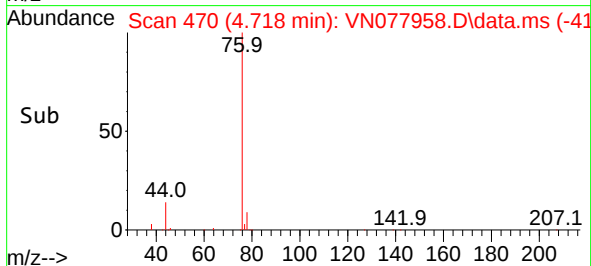
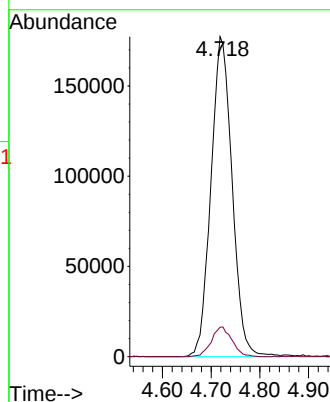
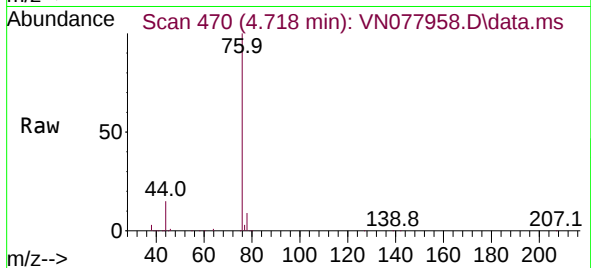
#17
Carbon Disulfide
Concen: 46.375 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 53531
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

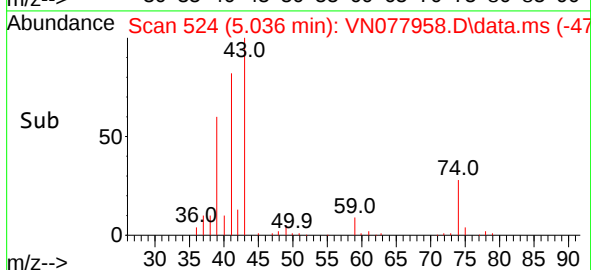
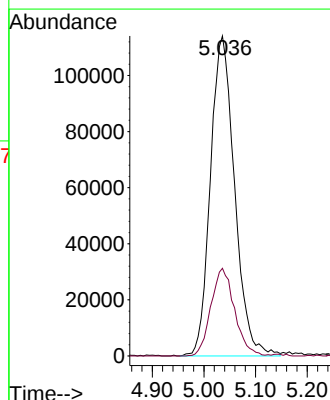
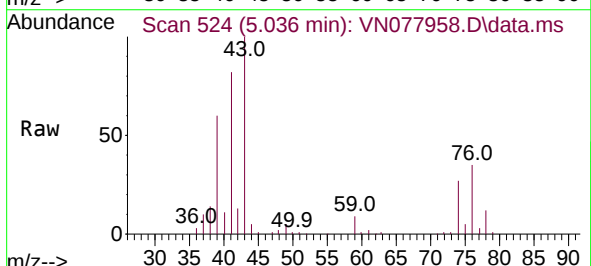
Manual Integrations
APPROVED

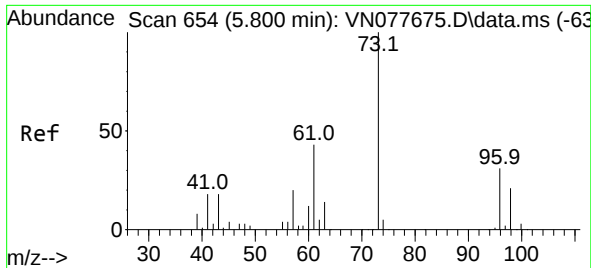
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#18
Methyl Acetate
Concen: 46.063 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

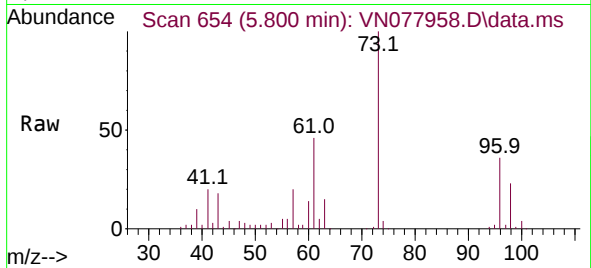
Tgt Ion: 43 Resp: 370530
Ion Ratio Lower Upper
43 100
74 26.8 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 48.940 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

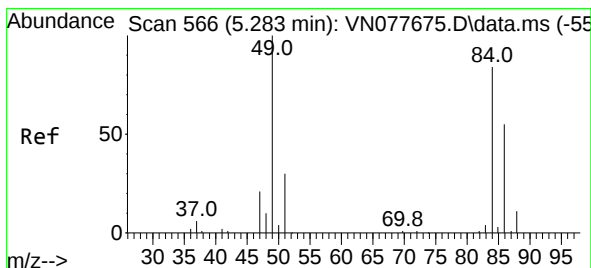
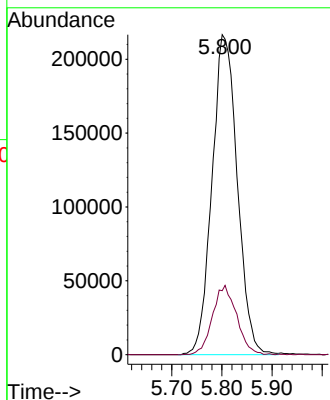
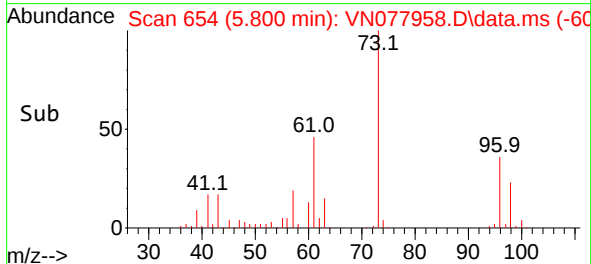
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 75890
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

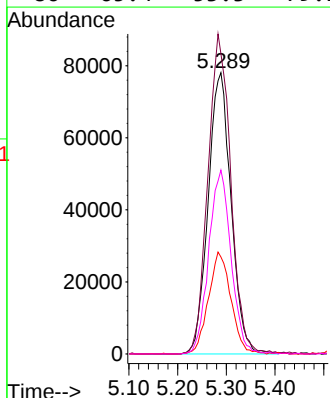
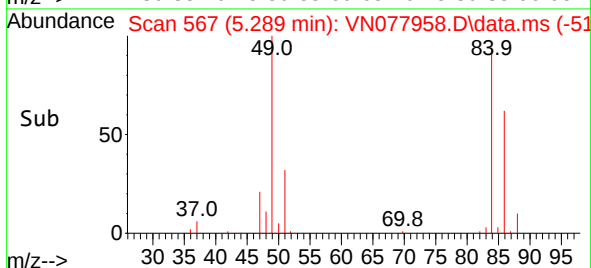
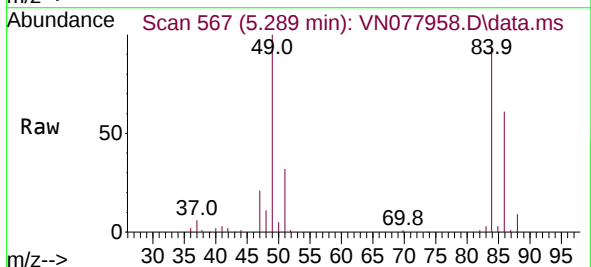
Manual Integrations
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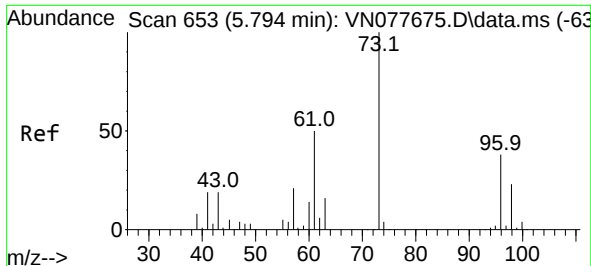
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#20
Methylene Chloride
Concen: 51.359 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

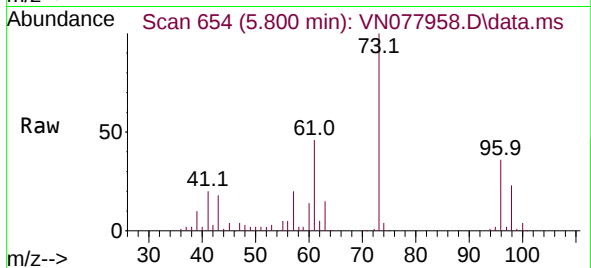
Tgt Ion: 84 Resp: 256049
Ion Ratio Lower Upper
84 100
49 106.7 79.7 119.5
51 34.5 25.2 37.8
86 65.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.150 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

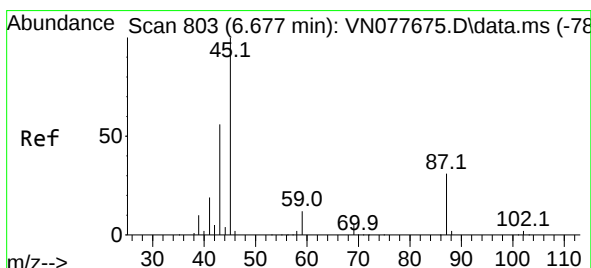
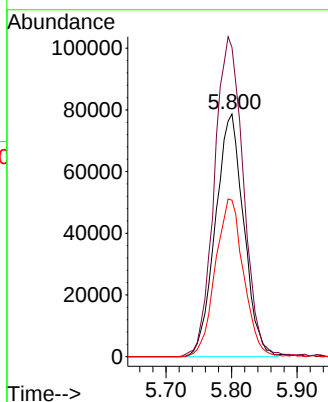
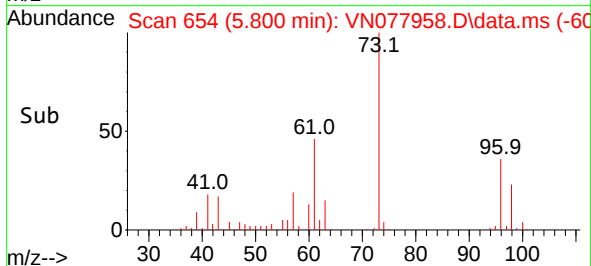
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



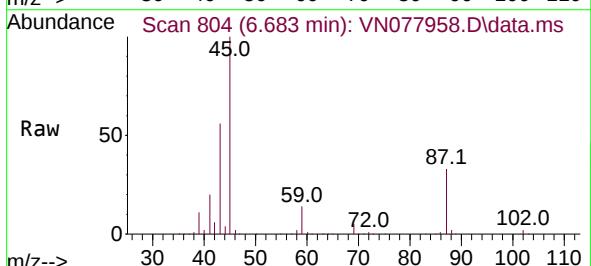
Tgt Ion: 96 Resp: 236529
Ion Ratio Lower Upper
96 100
61 127.4 90.1 135.1
98 64.5 46.4 69.6

Manual Integrations
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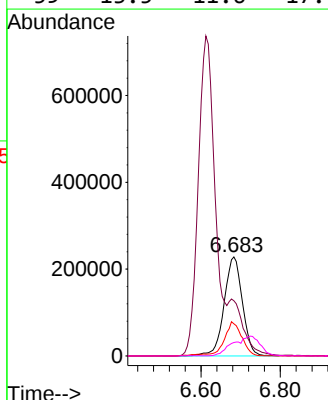
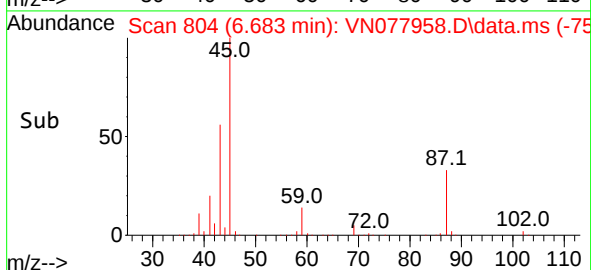
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#22
Diisopropyl ether
Concen: 49.695 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



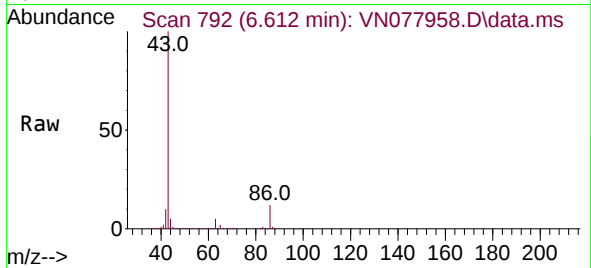
Tgt Ion: 45 Resp: 733095
Ion Ratio Lower Upper
45 100
43 55.6 45.5 68.3
87 32.5 31.8 47.8
59 13.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 237.412 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

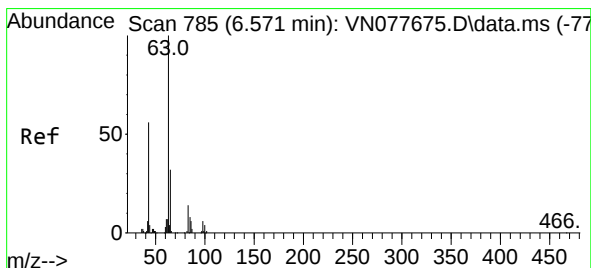
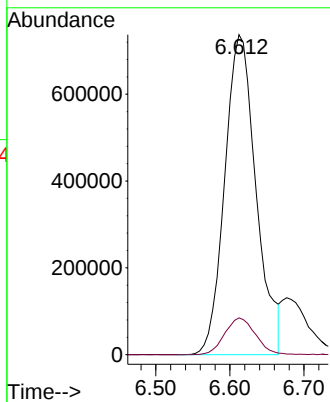
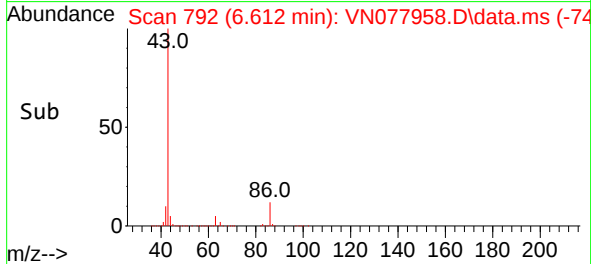
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 216992
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

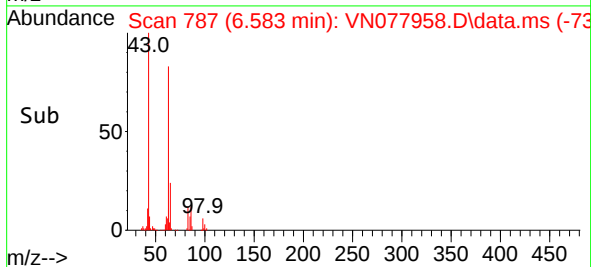
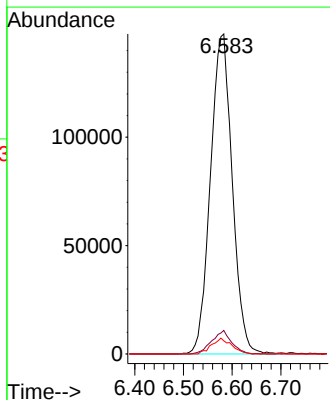
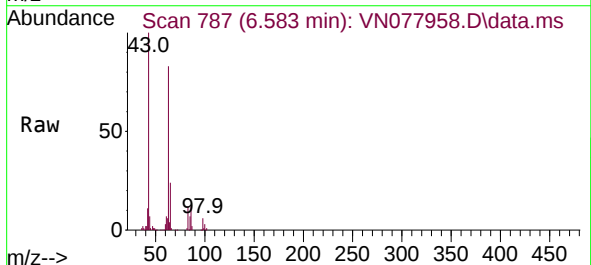
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#24
 1,1-Dichloroethane
 Concen: 50.822 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

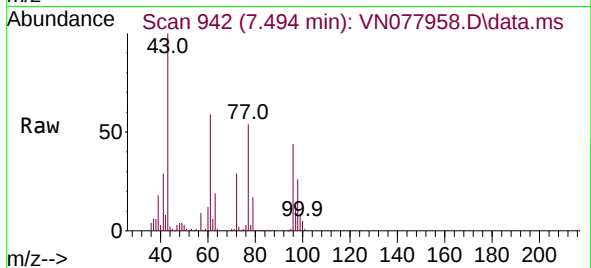
Tgt Ion: 63 Resp: 459308
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.1 2.5 7.4





#25
2-Butanone
Concen: 224.166 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

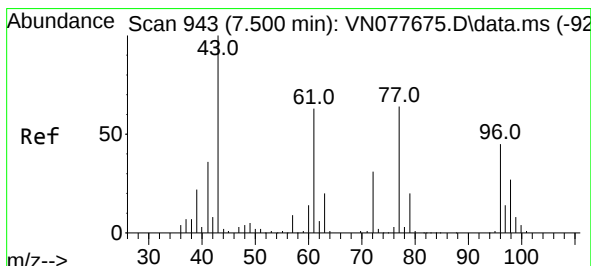
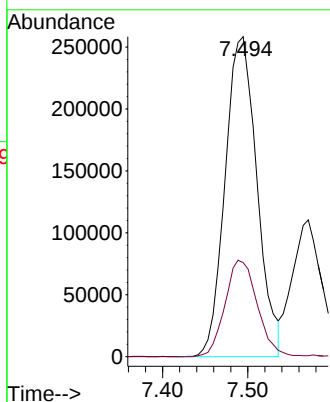
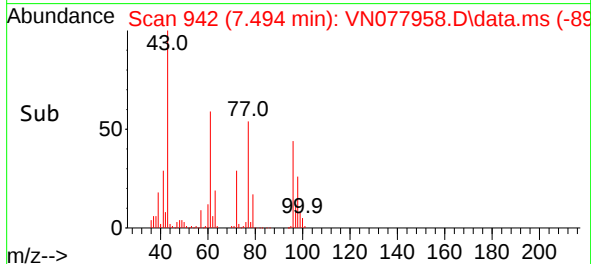
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 672378
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2

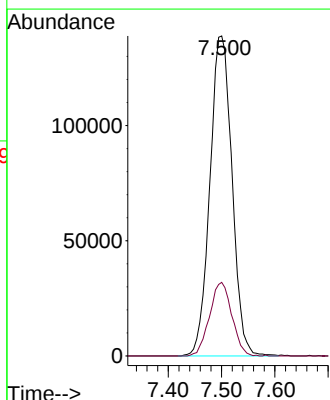
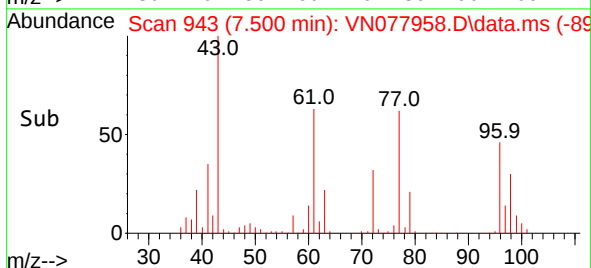
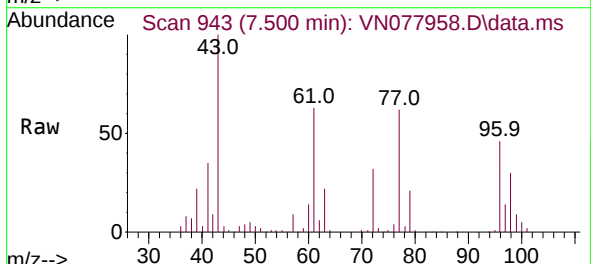
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#26
2,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 77 Resp: 400201
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 50.816 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077958.D

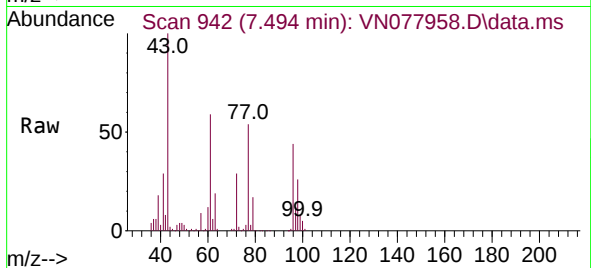
Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

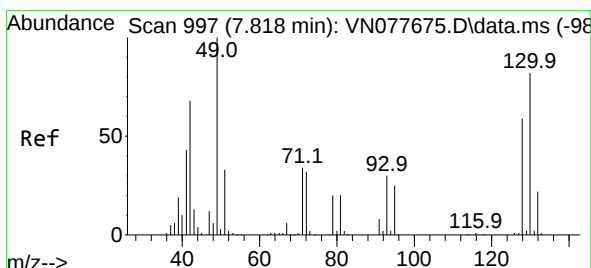
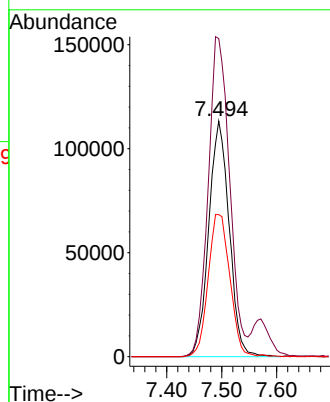
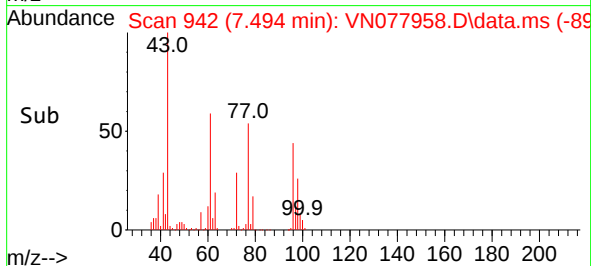


Tgt Ion:	96	Resp:	293218
Ion Ratio	Lower	Upper	
96	100		
61	142.3	0.0	255.2
98	63.7	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#28

Bromochloromethane

Concen: 49.172 ug/l

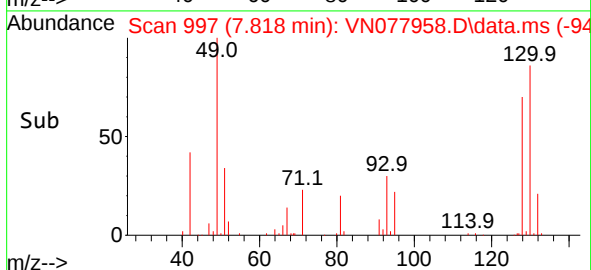
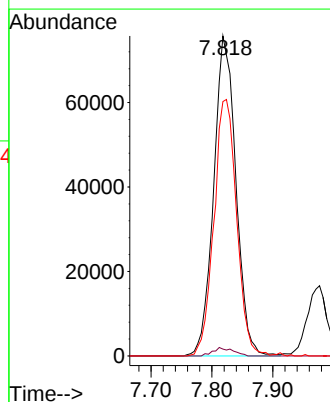
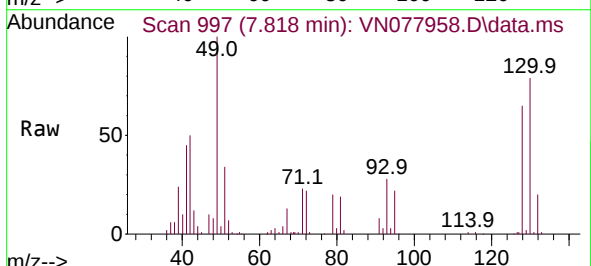
RT: 7.818 min Scan# 997

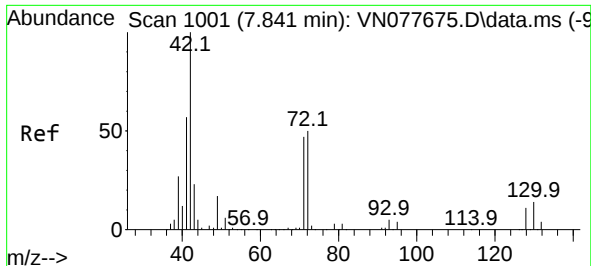
Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Tgt Ion:	49	Resp:	192193
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.8
130	81.9	75.3	112.9





#29

Tetrahydrofuran

Concen: 218.176 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 428500

Ion Ratio Lower Upper

42 100

72 49.5 49.8 74.6

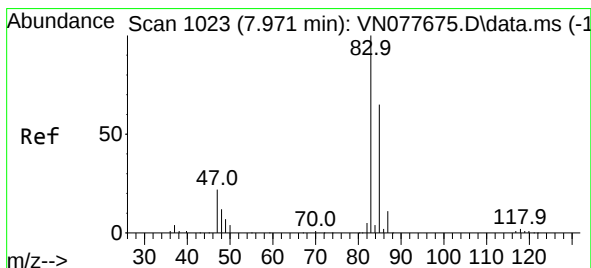
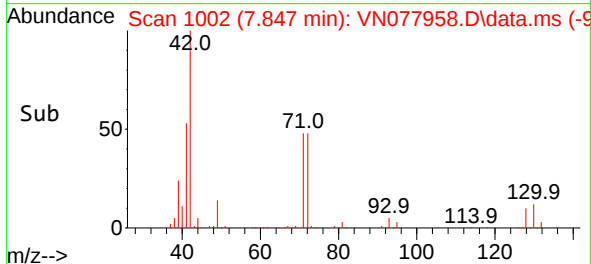
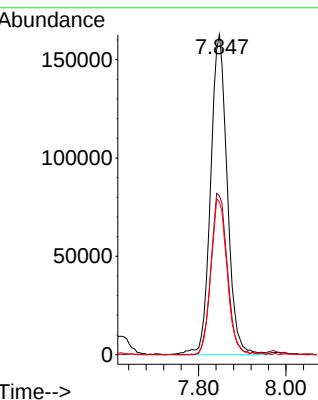
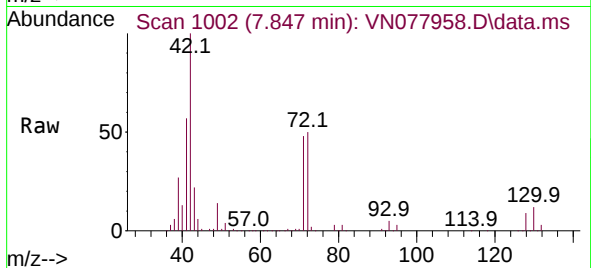
71 47.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#30

Chloroform

Concen: 49.656 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077958.D

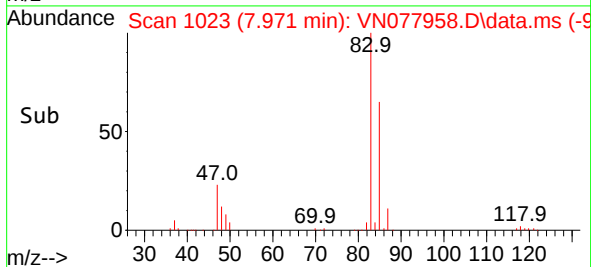
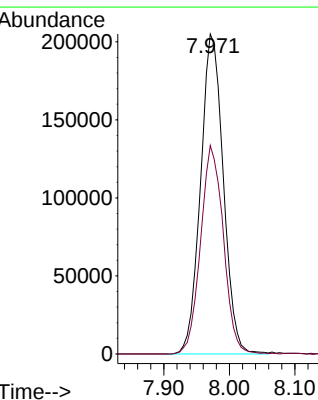
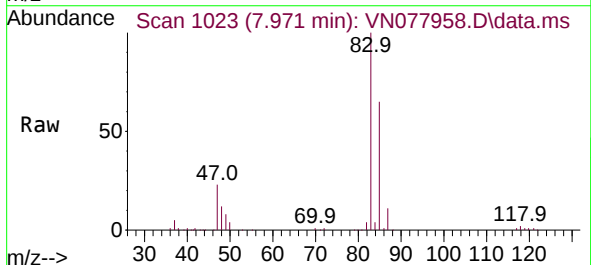
Acq: 30 May 2023 10:14

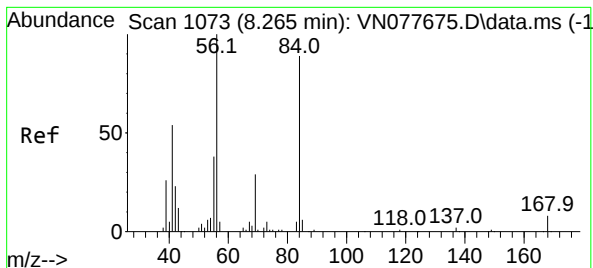
Tgt Ion: 83 Resp: 493662

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0





#31

Cyclohexane

Concen: 45.086 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 373468

Ion Ratio Lower Upper

56 100

69 30.5 26.8 40.2

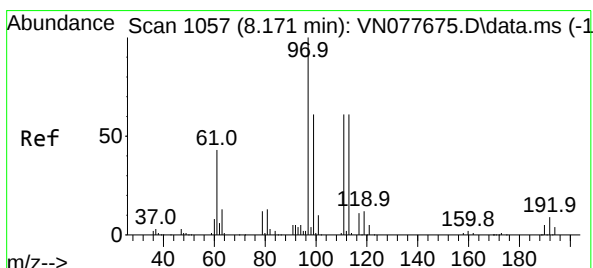
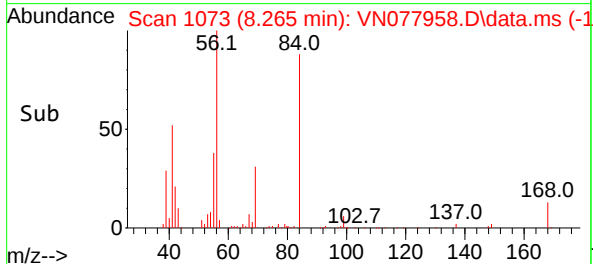
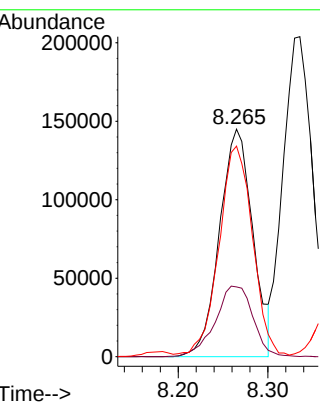
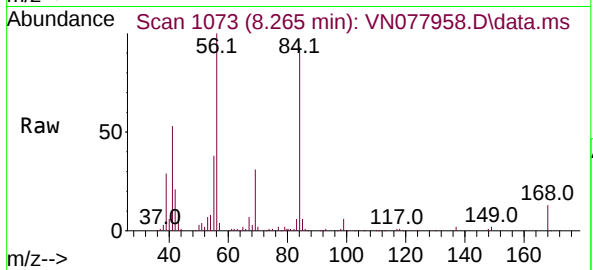
84 90.9 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#32

1,1,1-Trichloroethane

Concen: 52.066 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

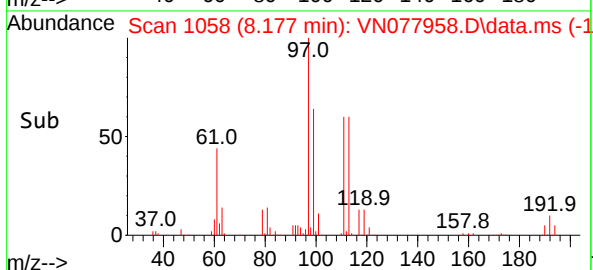
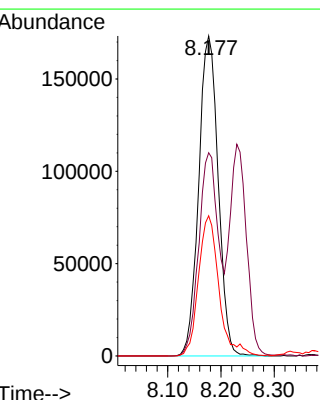
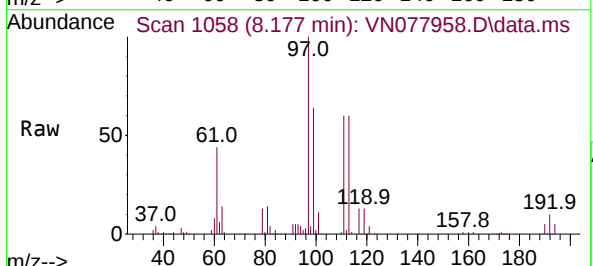
Tgt Ion: 97 Resp: 440079

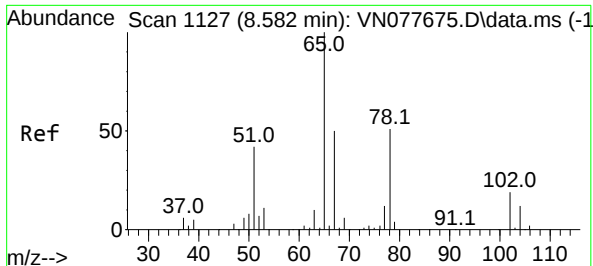
Ion Ratio Lower Upper

97 100

99 64.8 50.3 75.5

61 45.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.227 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 29392

Ion Ratio Lower Upper

65 100

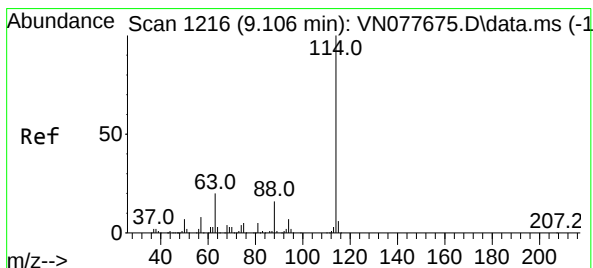
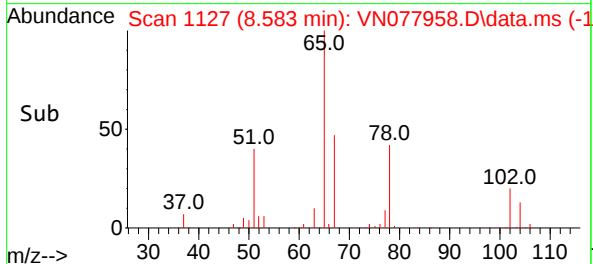
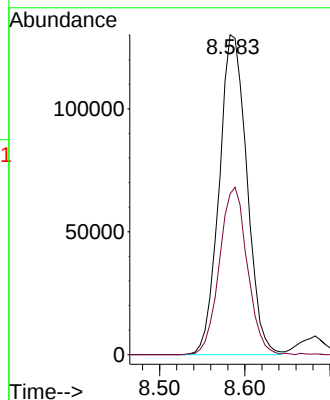
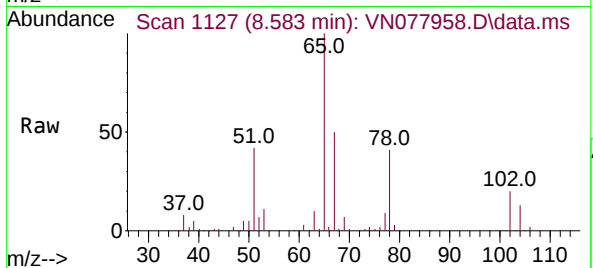
67 52.6 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

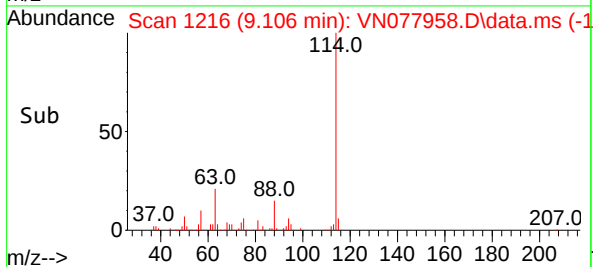
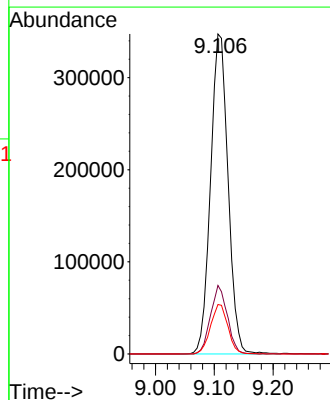
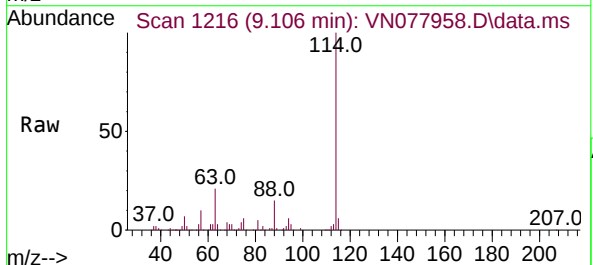
Tgt Ion:114 Resp: 717402

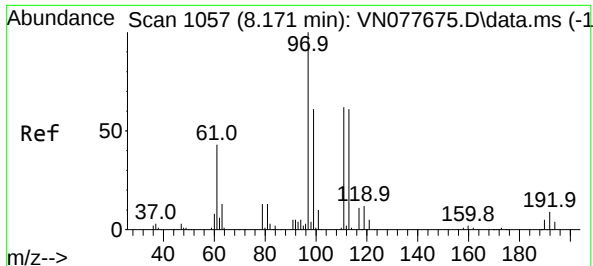
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.299 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077958.D

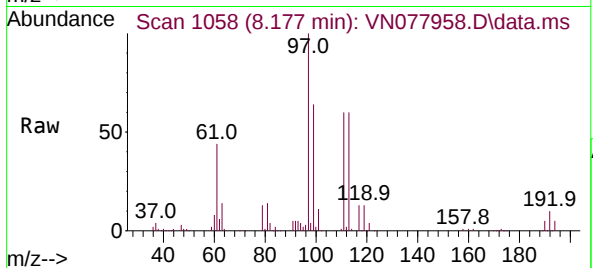
Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

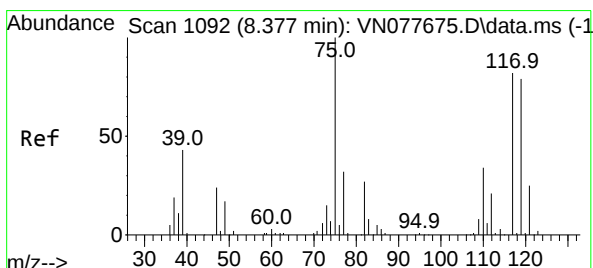
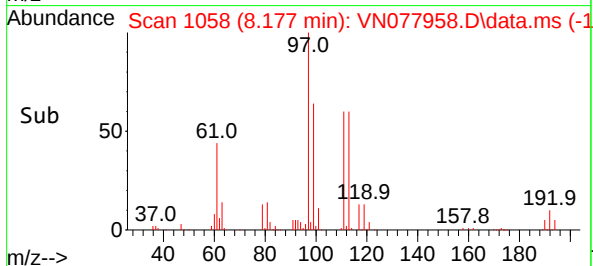
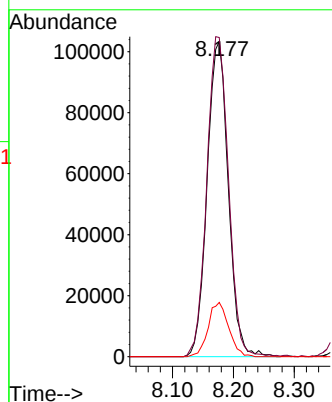


Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	16.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#36

1,1-Dichloropropene

Concen: 52.667 ug/l

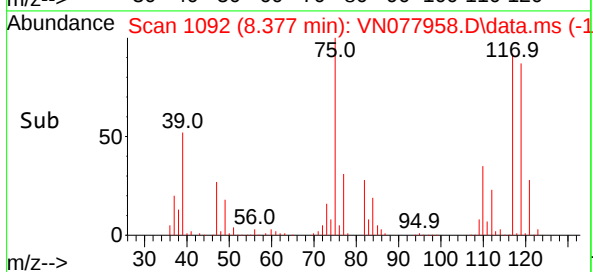
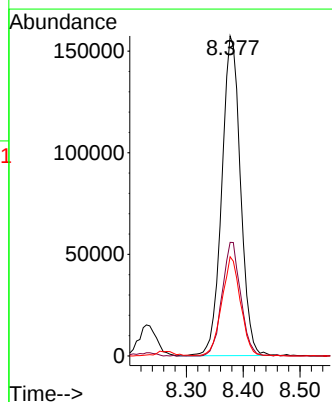
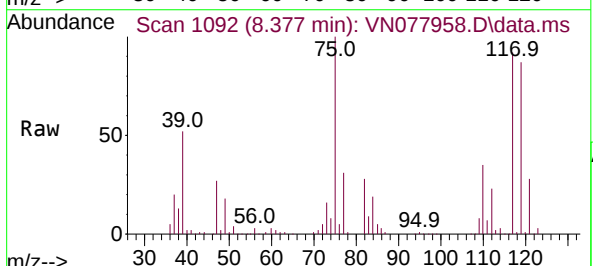
RT: 8.377 min Scan# 1092

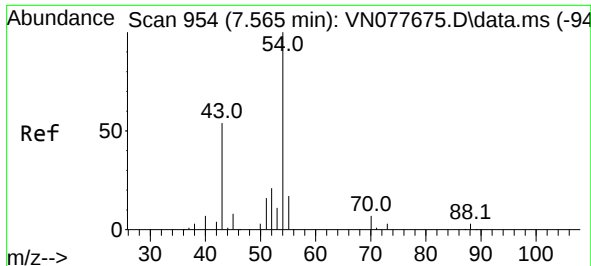
Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	19.1	57.3
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 44.911 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

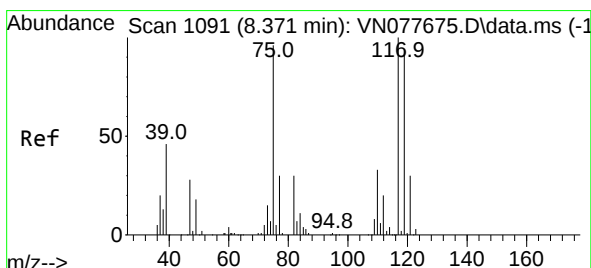
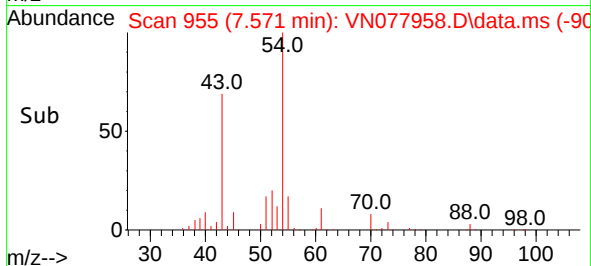
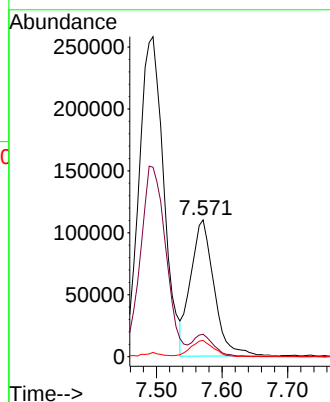
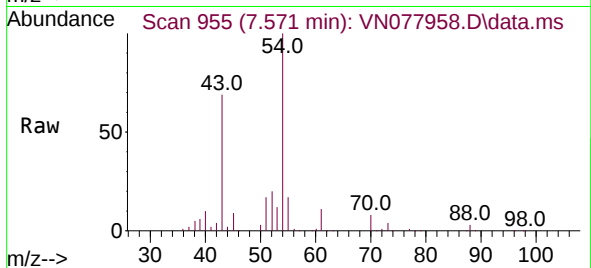
Tgt Ion: 43 Resp: 273900

Ion	Ratio	Lower	Upper
43	100		
61	14.2	13.2	19.8
70	11.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#38

Carbon Tetrachloride

Concen: 56.762 ug/l

RT: 8.371 min Scan# 1091

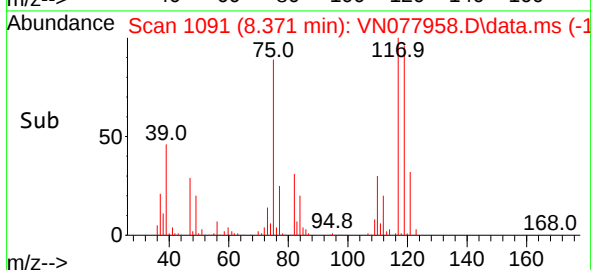
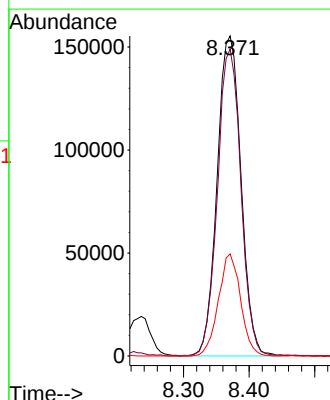
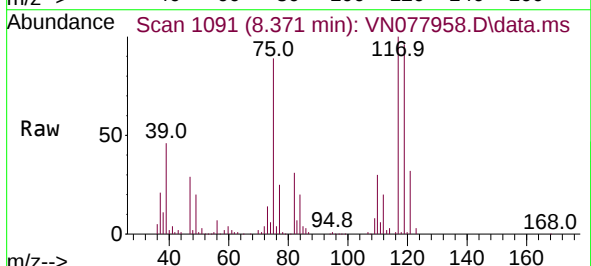
Delta R.T. -0.000 min

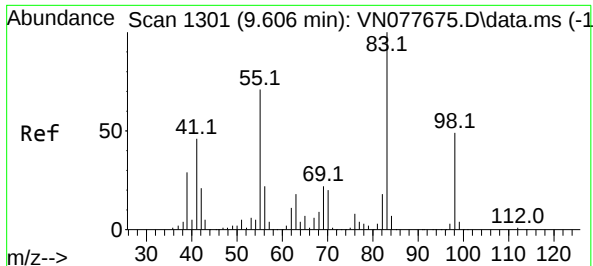
Lab File: VN077958.D

Acq: 30 May 2023 10:14

Tgt Ion:117 Resp: 392196

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.3	115.9
121	31.9	23.3	34.9





#39

Methylcyclohexane

Concen: 48.333 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

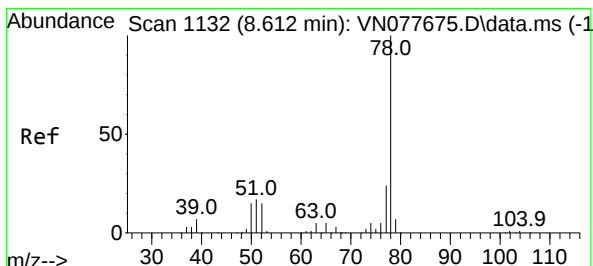
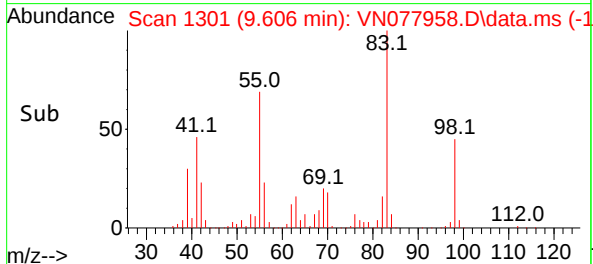
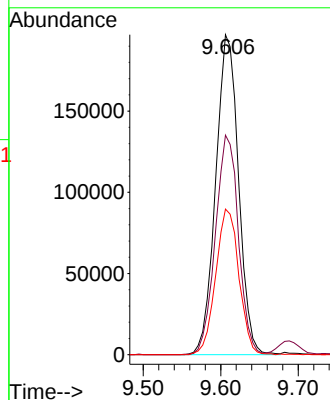
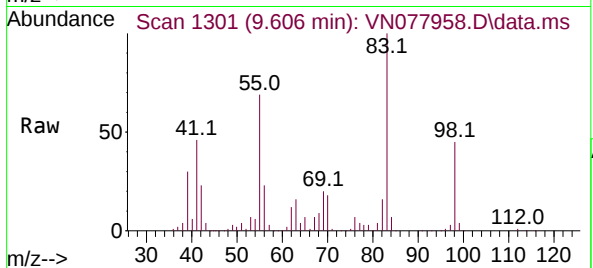
VSTDCCC050

Tgt Ion: 83 Resp: 404879
 Ion Ratio Lower Upper
 83 100
 55 68.6 49.1 73.7
 98 45.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#40

Benzene

Concen: 52.527 ug/l

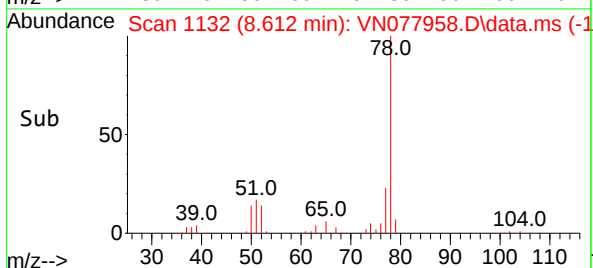
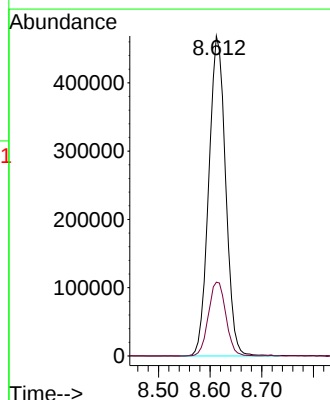
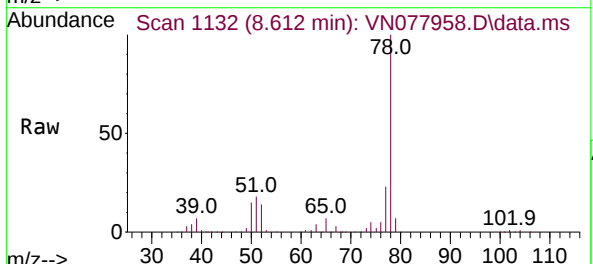
RT: 8.612 min Scan# 1132

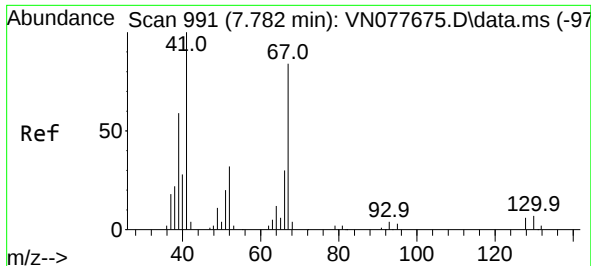
Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

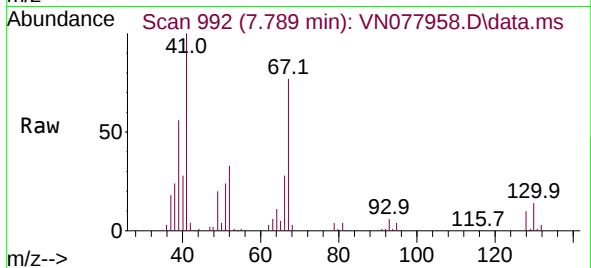
Tgt Ion: 78 Resp: 1060608
 Ion Ratio Lower Upper
 78 100
 77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 45.312 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.007 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

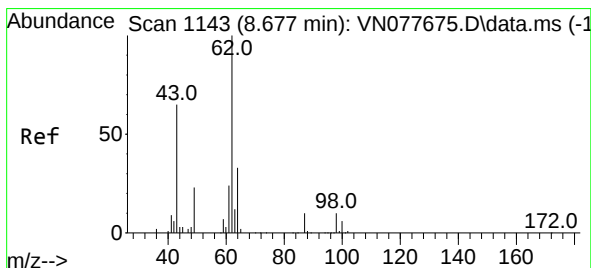
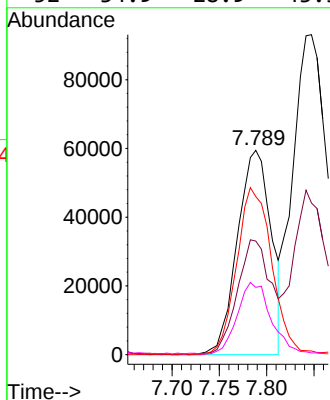
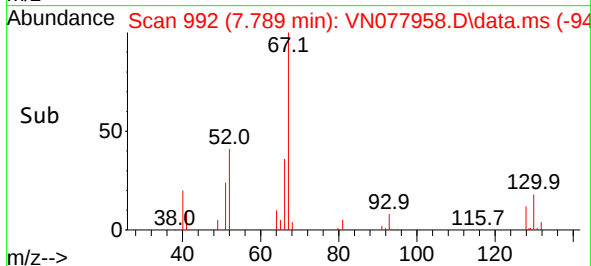
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 147170
Ion Ratio Lower Upper
41 100
39 56.0 42.6 64.0
67 85.6 77.5 116.3
52 34.9 28.9 43.3

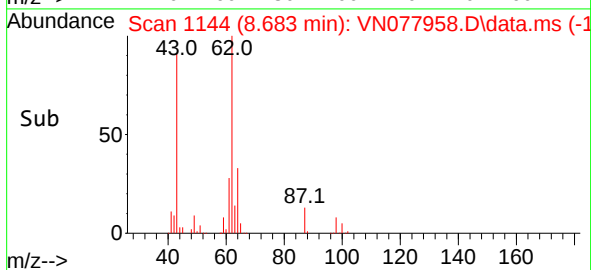
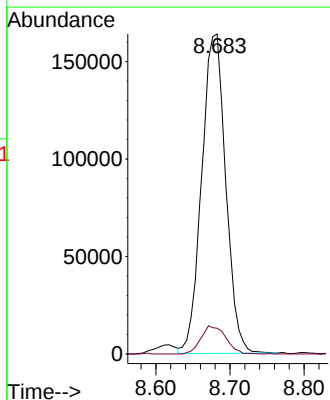
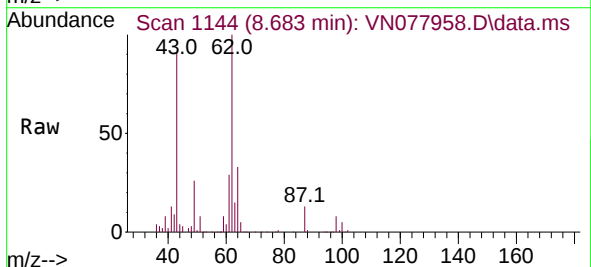
Manual Integrations
APPROVED

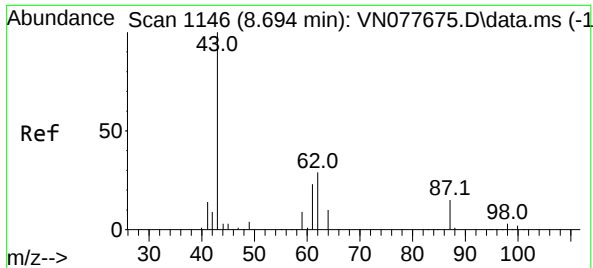
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#42
1,2-Dichloroethane
Concen: 50.437 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 62 Resp: 369945
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





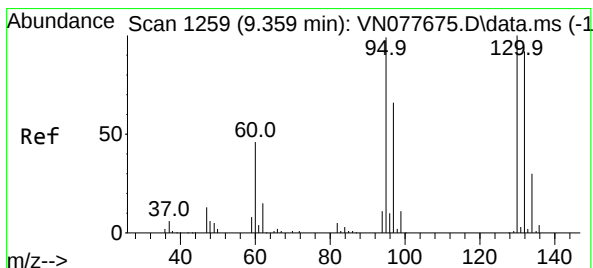
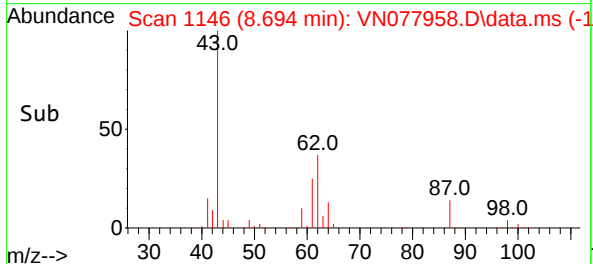
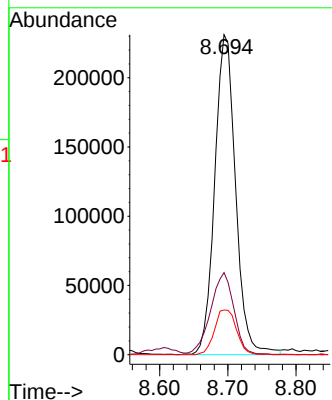
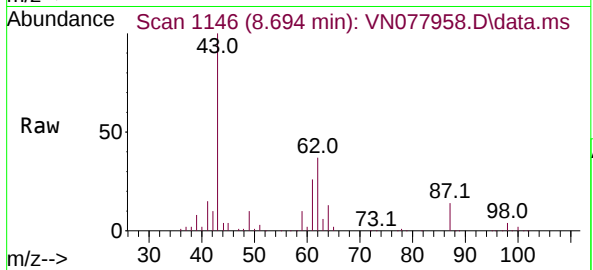
#43
Isopropyl Acetate
Concen: 49.527 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 493369
Ion Ratio Lower Upper
43 100
61 28.4 24.7 37.1
87 14.7 14.6 21.8

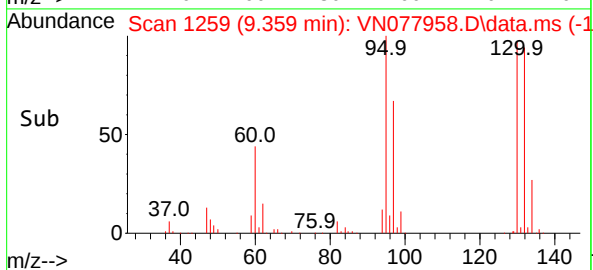
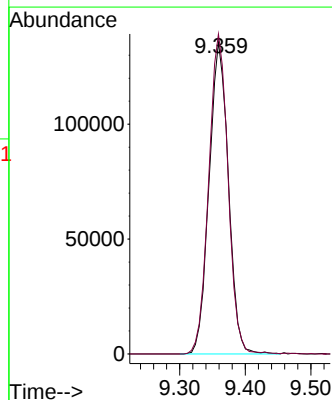
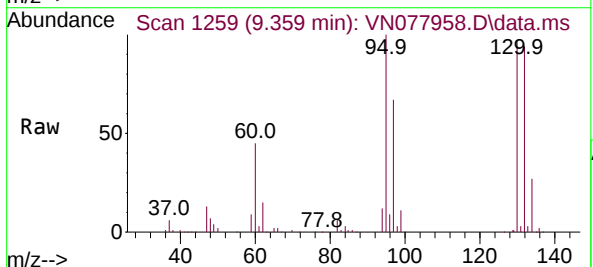
Manual Integrations
APPROVED

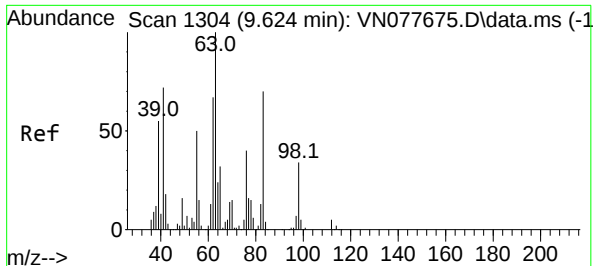
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#44
Trichloroethene
Concen: 54.244 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:130 Resp: 277335
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.576 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 275938

Ion Ratio Lower Upper

63 100

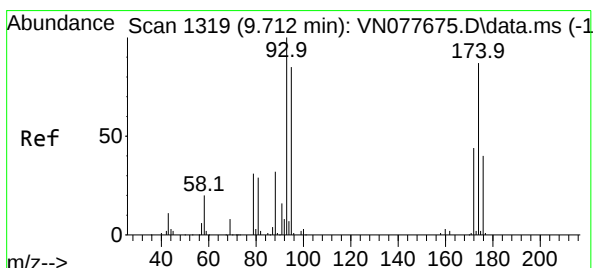
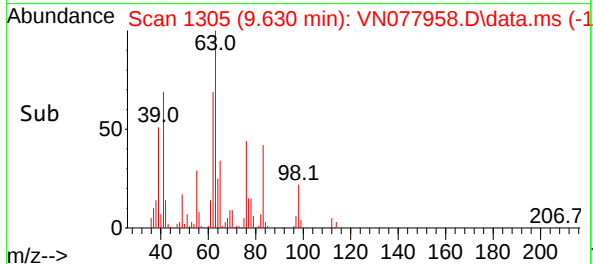
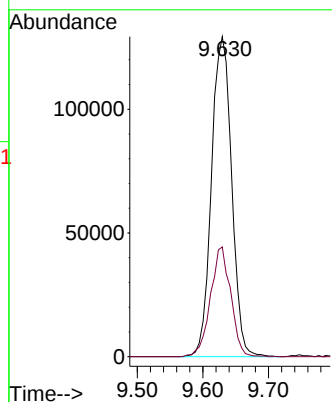
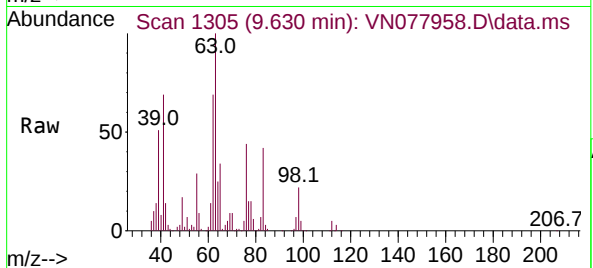
65 34.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#46

Dibromomethane

Concen: 51.815 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

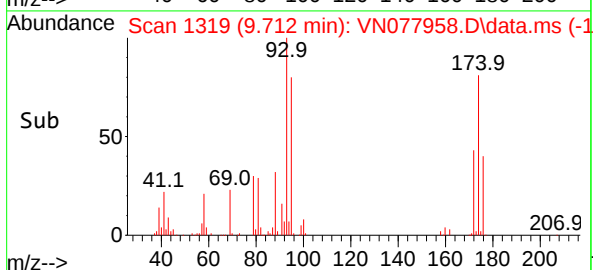
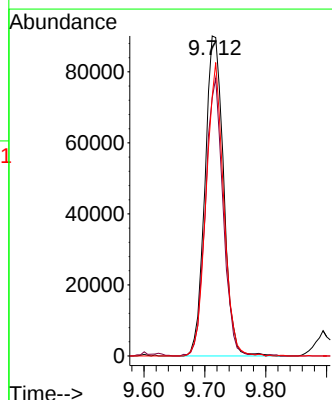
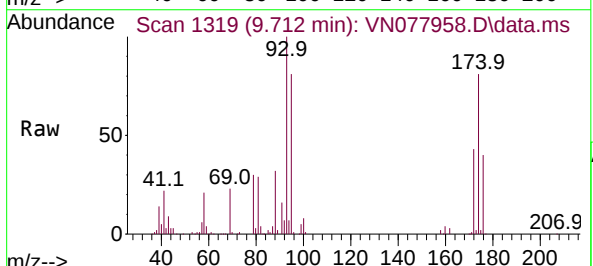
Tgt Ion: 93 Resp: 190960

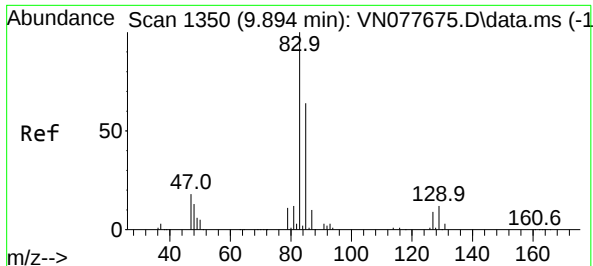
Ion Ratio Lower Upper

93 100

95 82.1 63.8 95.8

174 86.1 65.6 98.4





#47

Bromodichloromethane

Concen: 55.683 ug/l

RT: 9.894 min Scan# 1350

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

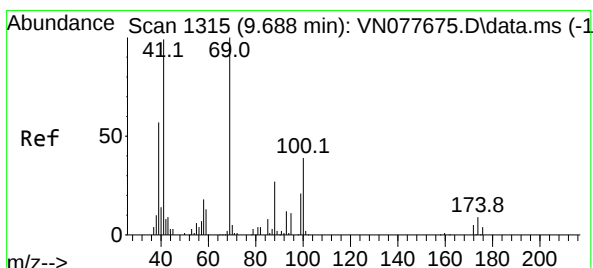
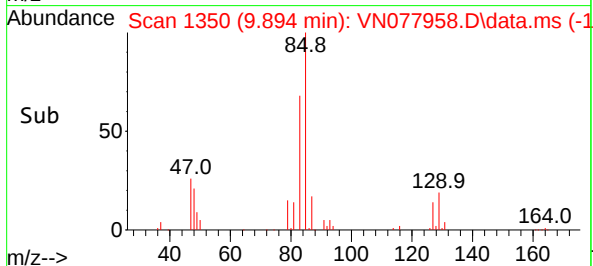
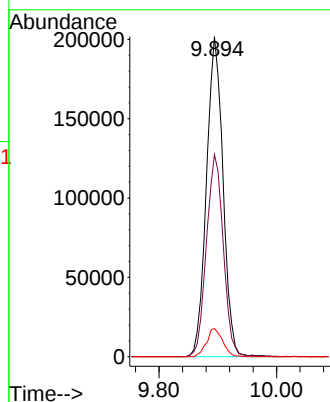
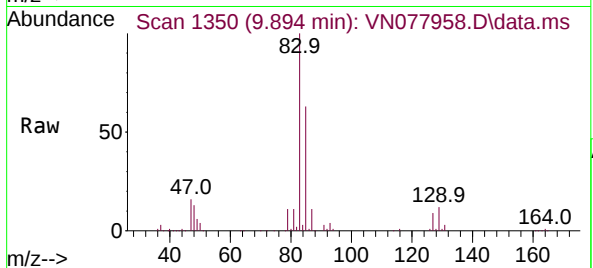
VSTDCCC050

Tgt Ion:	83	Resp:	39288
Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.6	74.4
127	8.8	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#48

Methyl methacrylate

Concen: 47.346 ug/l

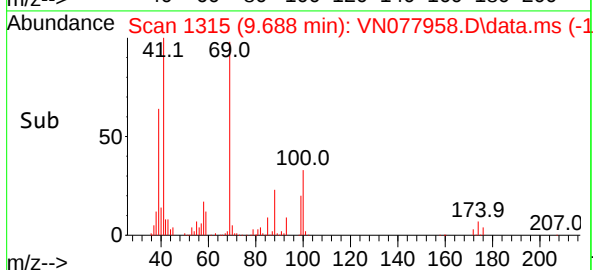
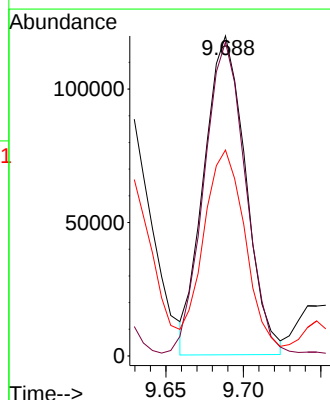
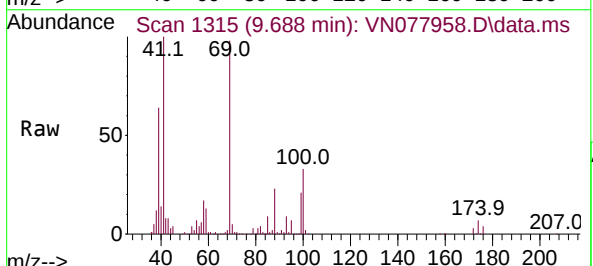
RT: 9.688 min Scan# 1315

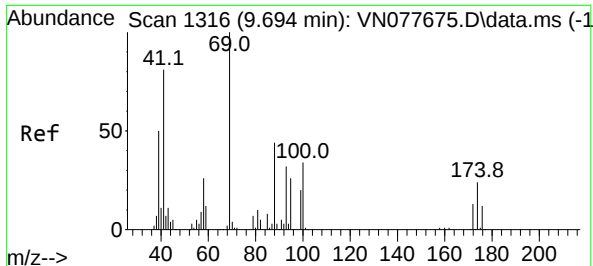
Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Tgt Ion:	41	Resp:	223614
Ion	Ratio	Lower	Upper
41	100		
69	99.3	90.4	135.6
39	65.5	54.6	81.8





#49

1,4-Dioxane

Concen: 981.851 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

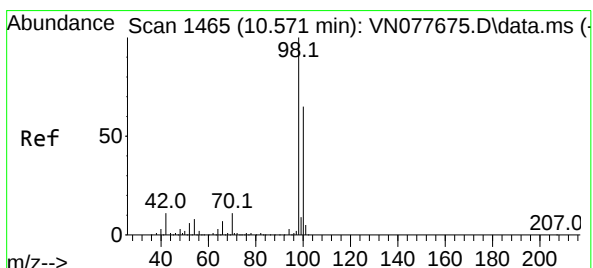
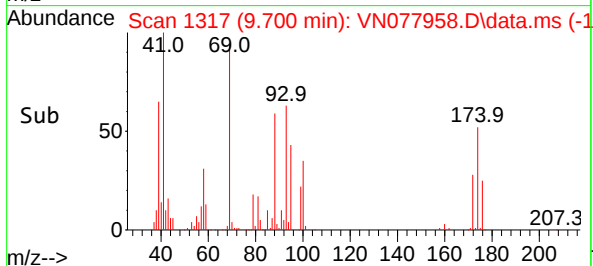
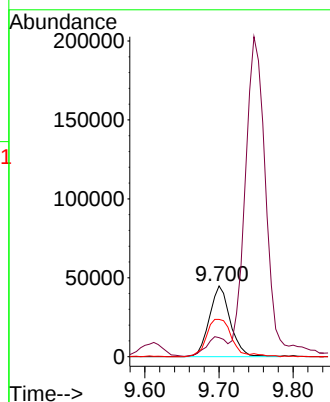
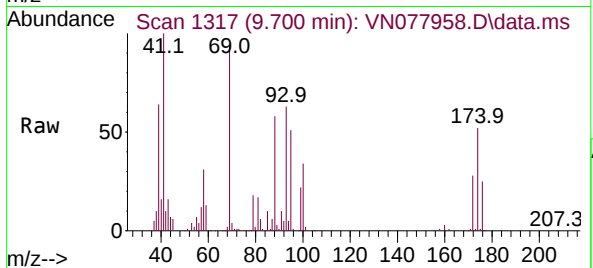
VSTDCCC050

Tgt Ion: 88 Resp: 87580
 Ion Ratio Lower Upper
 88 100
 43 26.6 17.0 25.6
 58 64.6 47.0 70.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#50

Toluene-d8

Concen: 51.132 ug/l

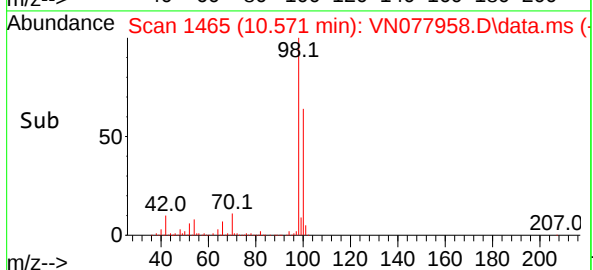
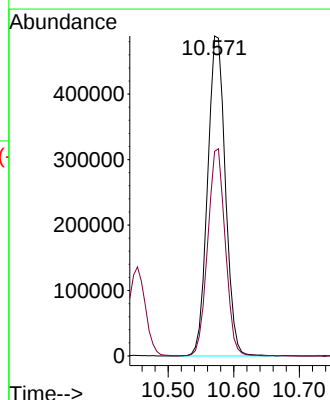
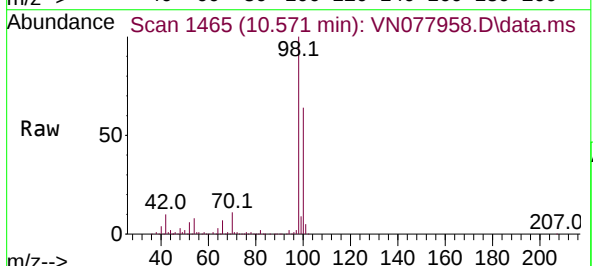
RT: 10.571 min Scan# 1465

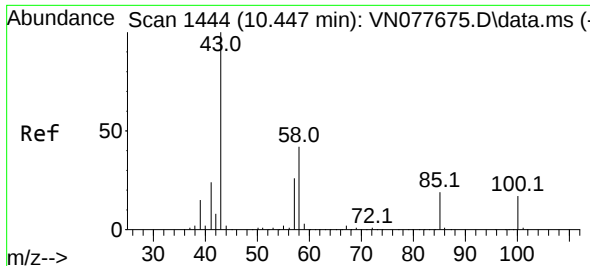
Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

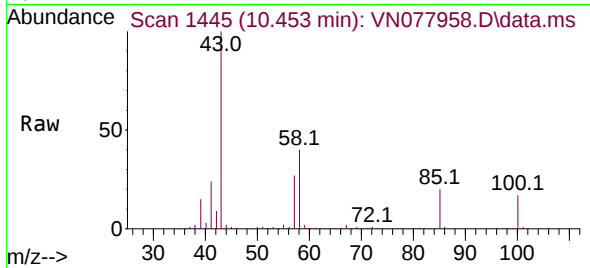
Tgt Ion: 98 Resp: 920707
 Ion Ratio Lower Upper
 98 100
 100 63.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 240.570 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

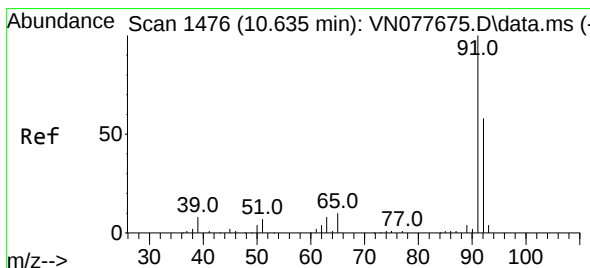
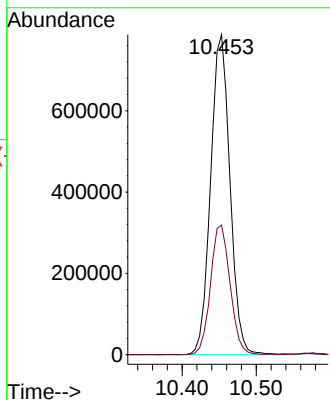
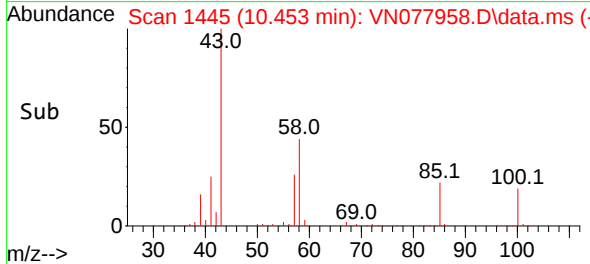
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1424494
Ion Ratio Lower Upper
43 100
58 41.1 36.6 54.8

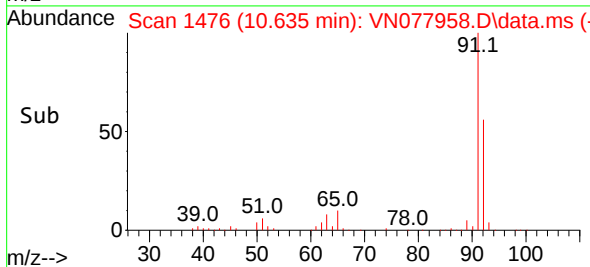
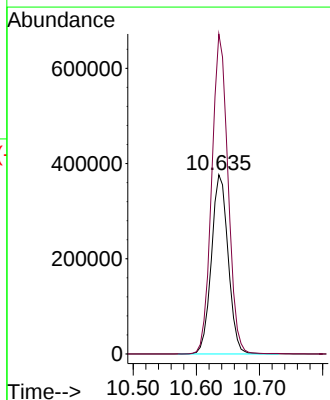
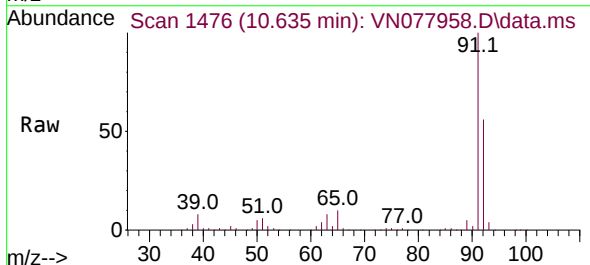
Manual Integrations
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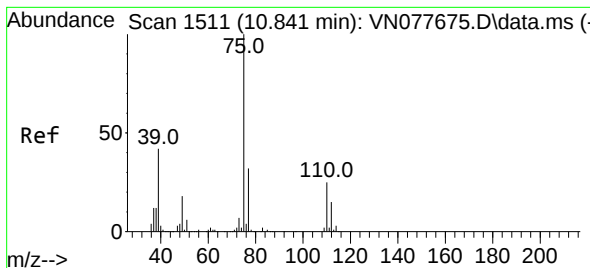
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#52
Toluene
Concen: 55.040 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 92 Resp: 691873
Ion Ratio Lower Upper
92 100
91 174.1 137.4 206.0





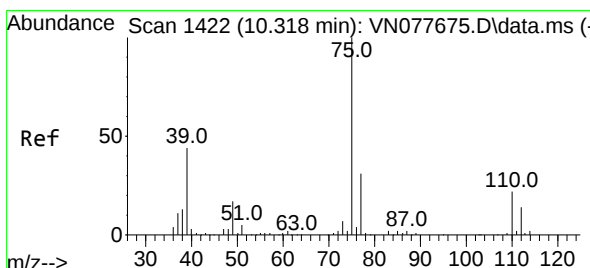
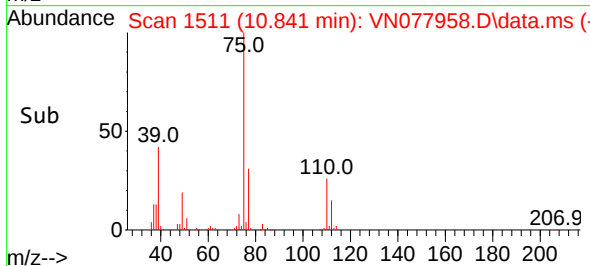
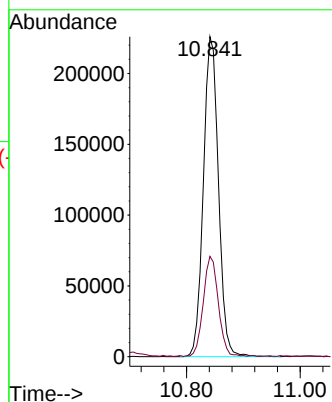
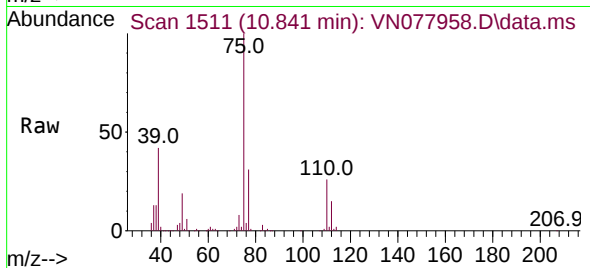
#53
t-1,3-Dichloropropene
Concen: 55.570 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 41521
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

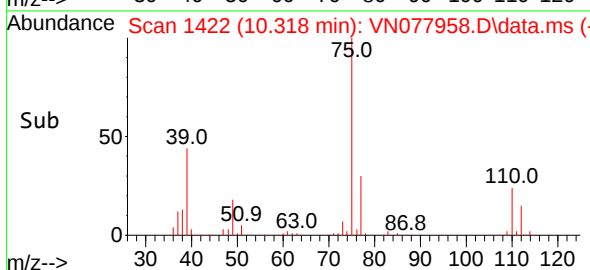
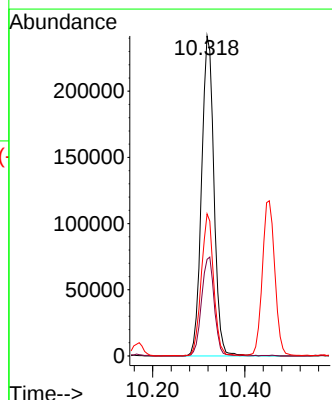
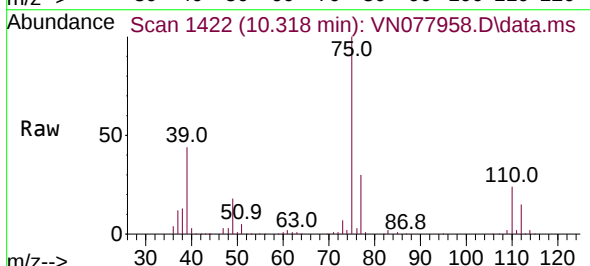
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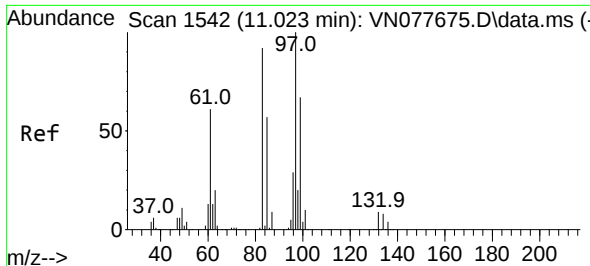
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#54
cis-1,3-Dichloropropene
Concen: 55.144 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

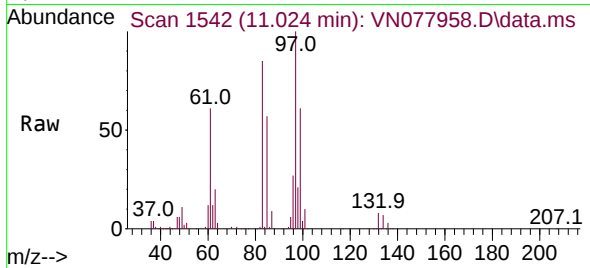
Tgt Ion: 75 Resp: 454055
Ion Ratio Lower Upper
75 100
77 30.2 26.1 39.1
39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 52.138 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

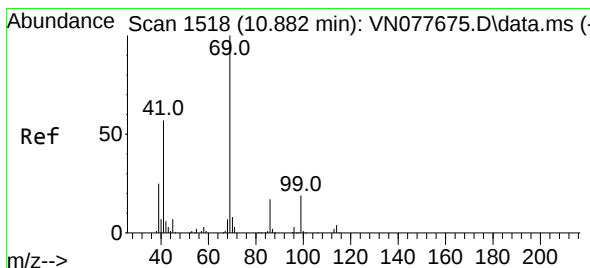
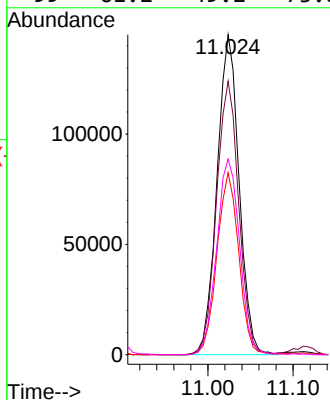
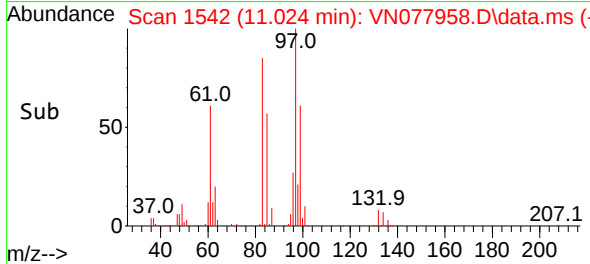
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



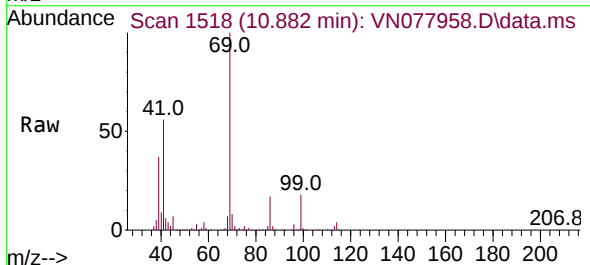
Tgt Ion:	97	Resp:	260234
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.1	97.7
85	56.8	43.4	65.2
99	61.2	49.2	73.8

Manual Integrations
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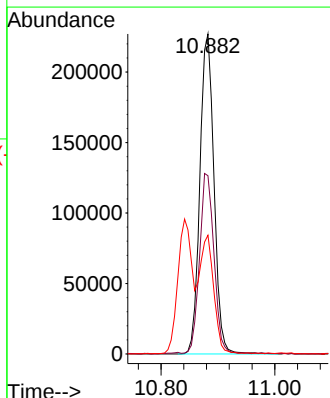
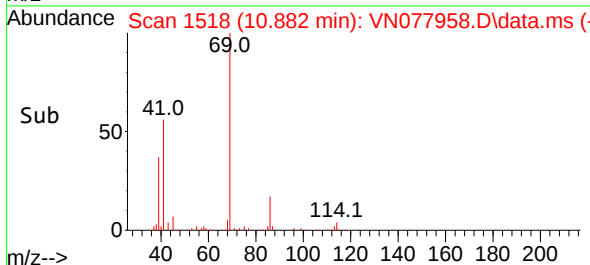
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

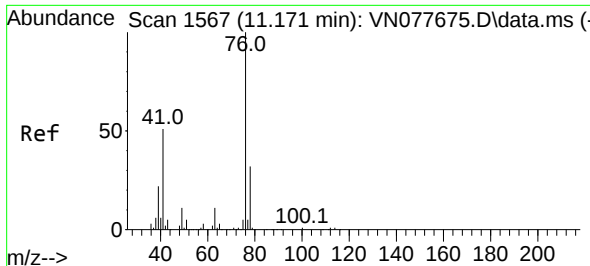


#56
Ethyl methacrylate
Concen: 51.858 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



Tgt Ion:	69	Resp:	391360
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.6	59.4
39	37.3	28.6	43.0





#57

1,3-Dichloropropane

Concen: 51.596 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 441480

Ion Ratio Lower Upper

76 100

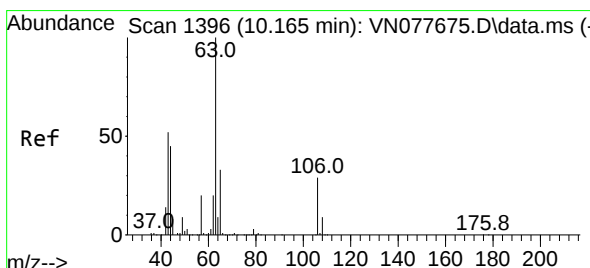
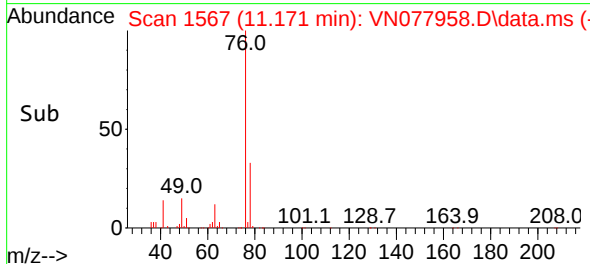
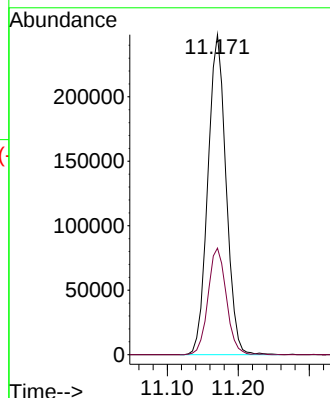
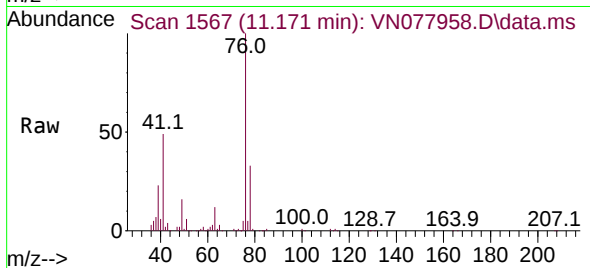
78 33.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 211.468 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077958.D

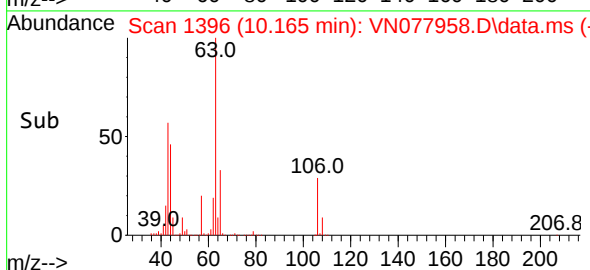
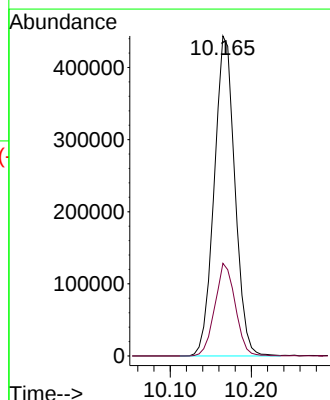
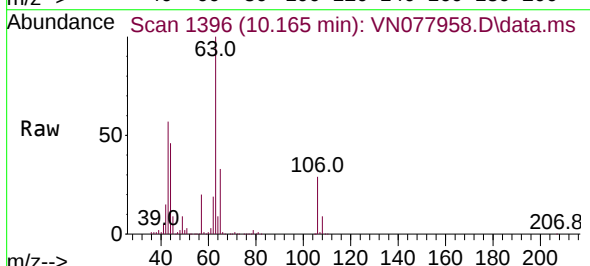
Acq: 30 May 2023 10:14

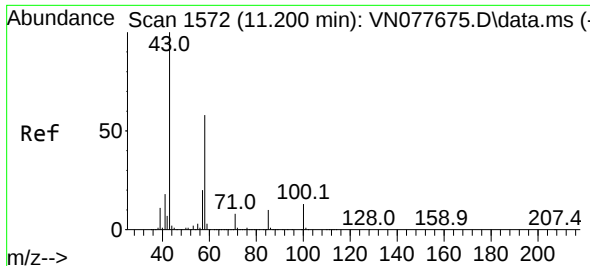
Tgt Ion: 63 Resp: 785114

Ion Ratio Lower Upper

63 100

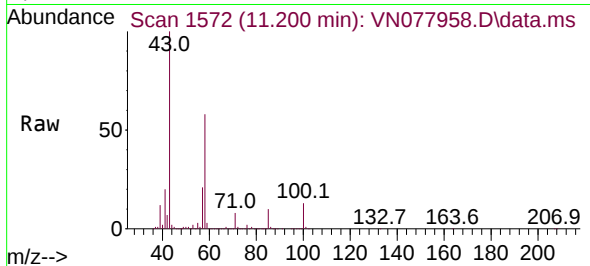
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 227.162 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

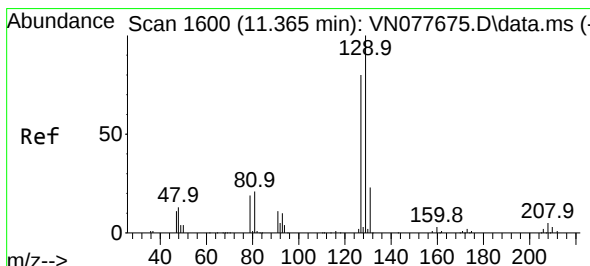
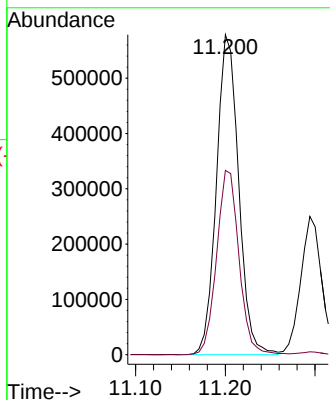
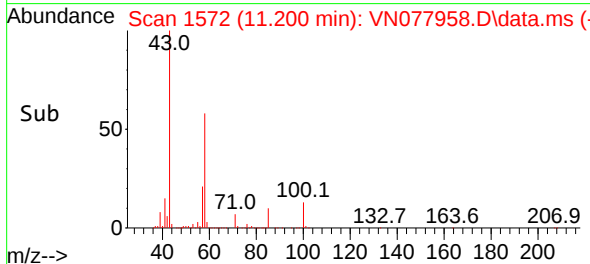
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 994910
Ion Ratio Lower Upper
43 100
58 58.1 31.7 95.1

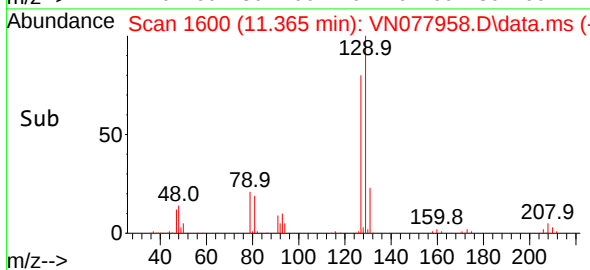
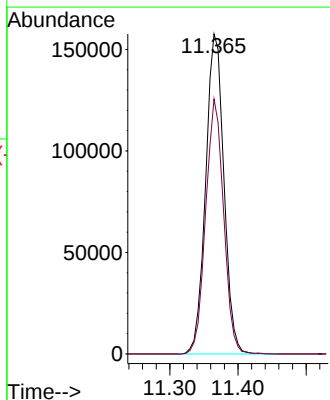
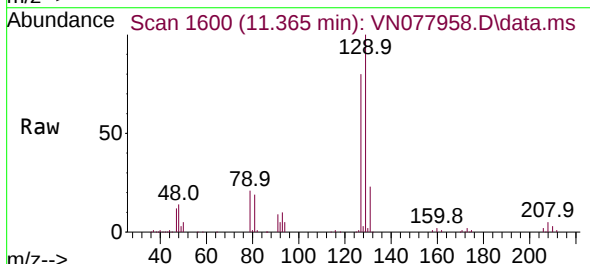
Manual Integrations
APPROVED

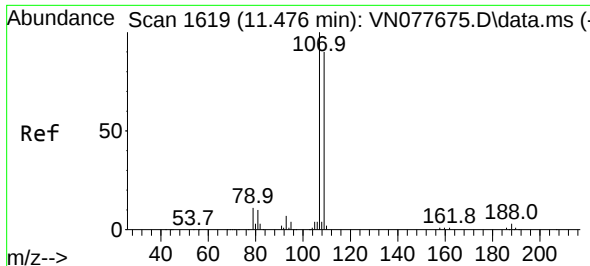
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#60
Dibromochloromethane
Concen: 56.954 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

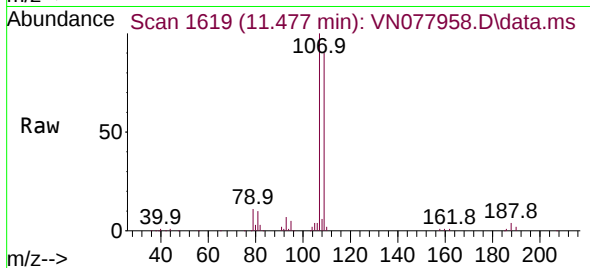
Tgt Ion:129 Resp: 293464
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.187 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

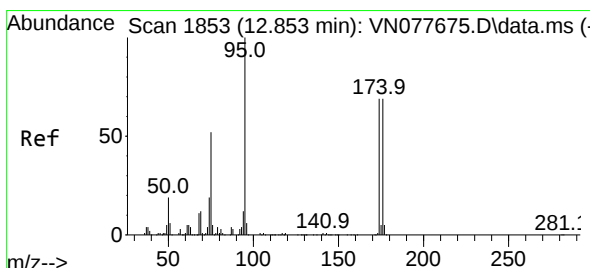
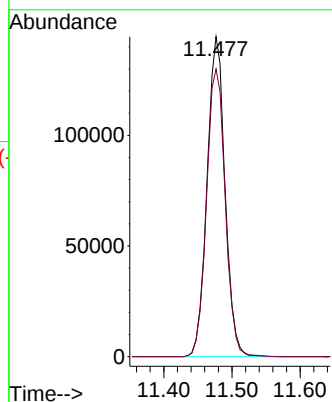
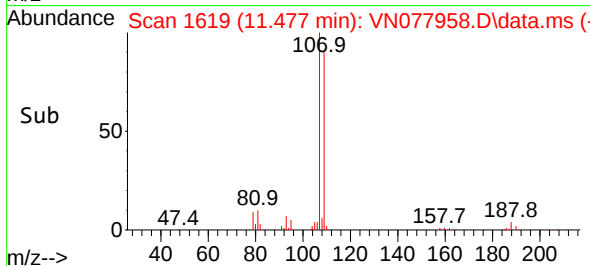
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



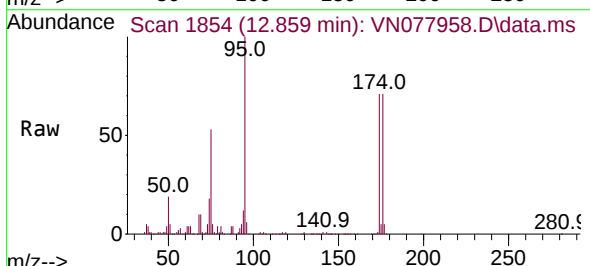
Tgt Ion:107 Resp: 264834
Ion Ratio Lower Upper
107 100
109 93.4 76.6 114.8

Manual Integrations
APPROVED

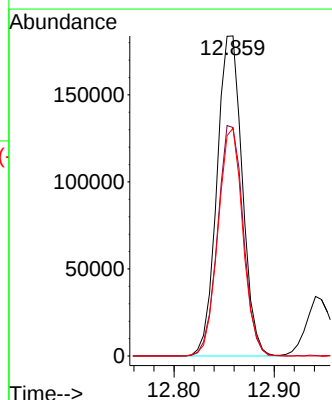
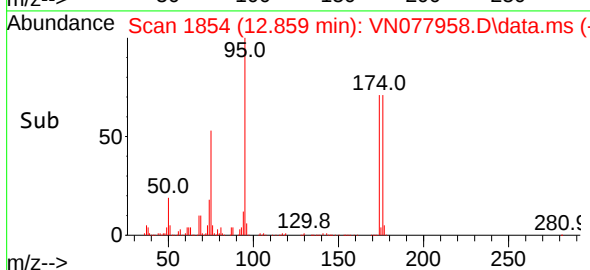
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

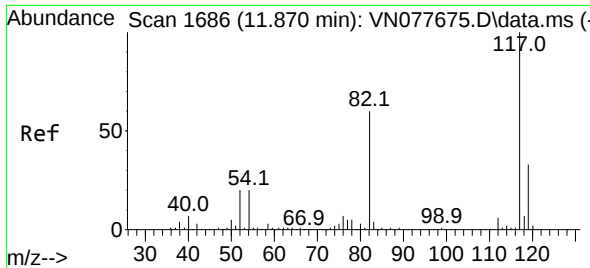


#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



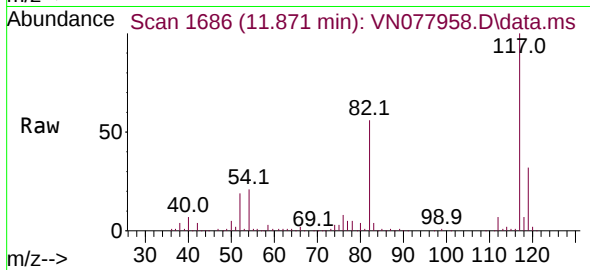
Tgt Ion: 95 Resp: 322835
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 69.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

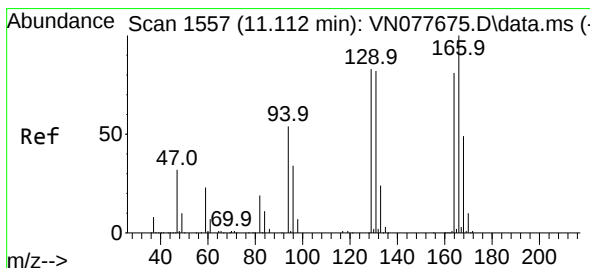
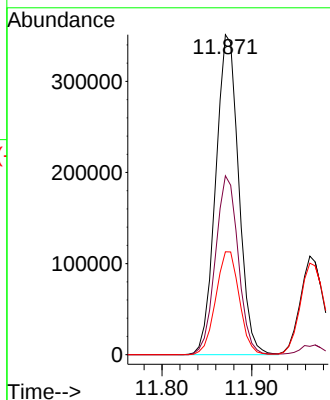
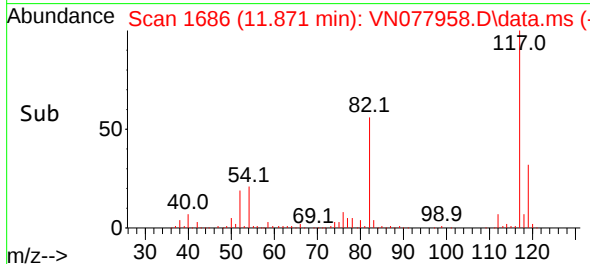
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 624709
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.2 25.6 38.4

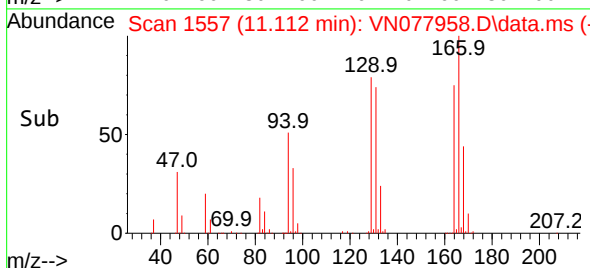
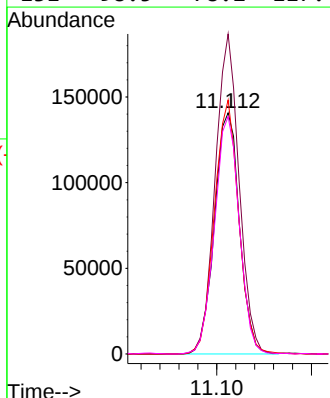
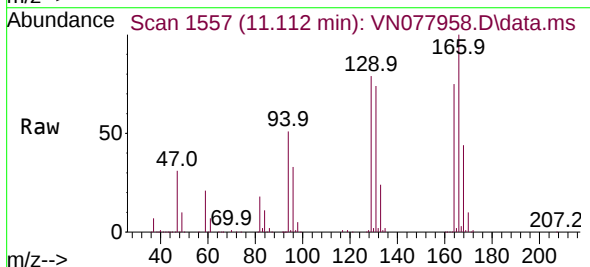
Manual Integrations
APPROVED

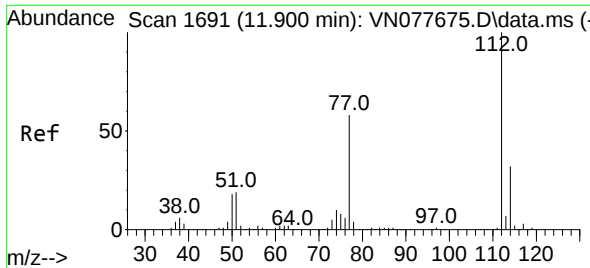
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#64
Tetrachloroethene
Concen: 58.901 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

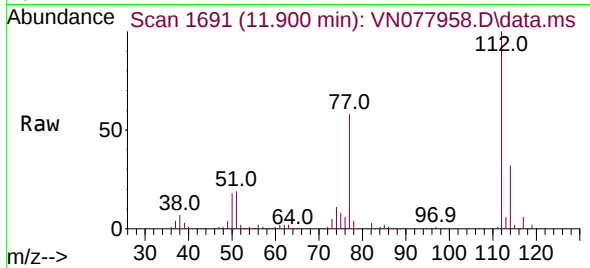
Tgt Ion:164 Resp: 257324
Ion Ratio Lower Upper
164 100
166 132.7 101.4 152.0
129 105.3 82.4 123.6
131 98.5 78.2 117.4





#65
Chlorobenzene
Concen: 54.110 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

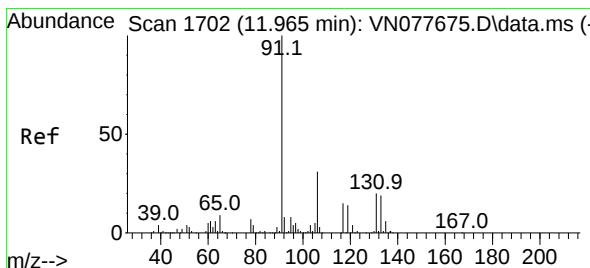
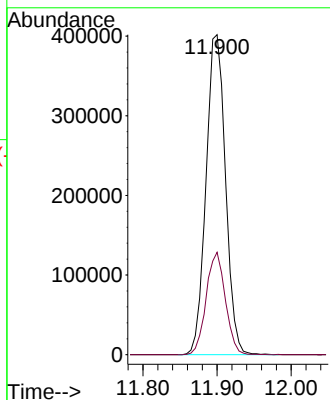
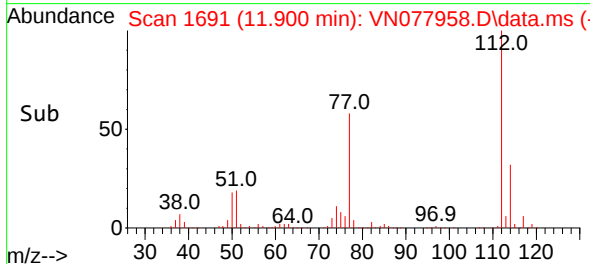
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



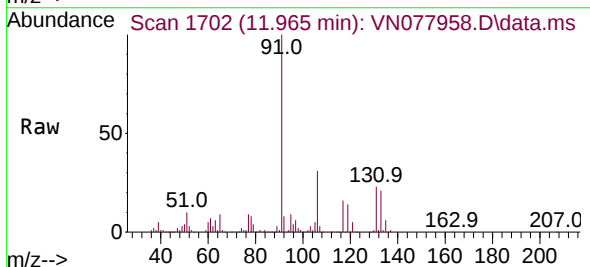
Tgt Ion:112 Resp: 732809
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

Manual Integrations
APPROVED

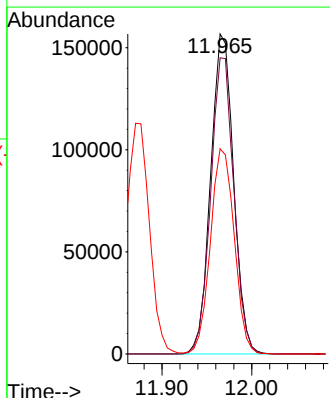
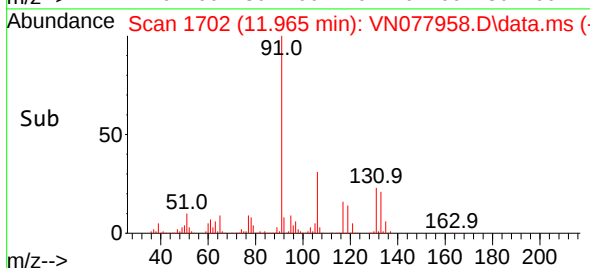
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

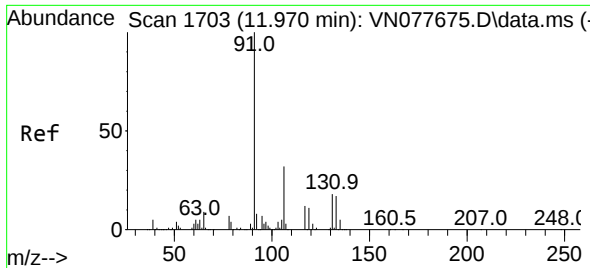


#66
1,1,1,2-Tetrachloroethane
Concen: 59.354 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



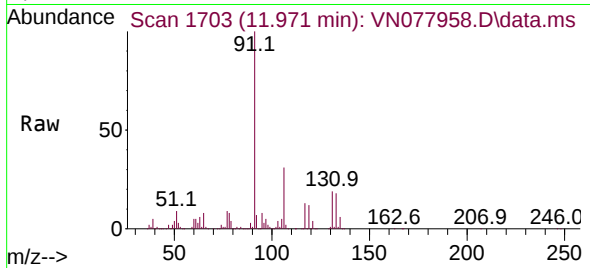
Tgt Ion:131 Resp: 278136
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 66.7 34.1 102.2





#67
Ethyl Benzene
Concen: 54.884 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

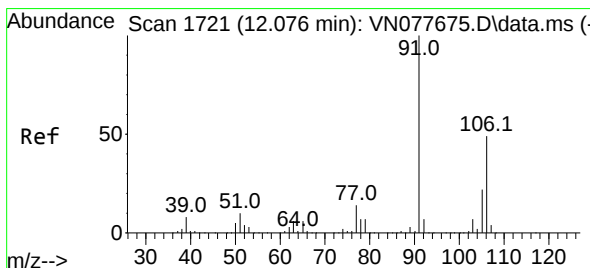
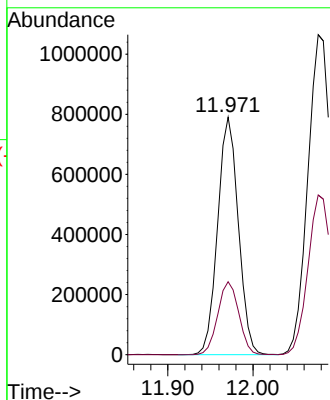
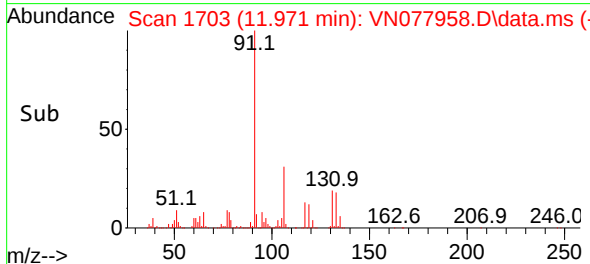
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



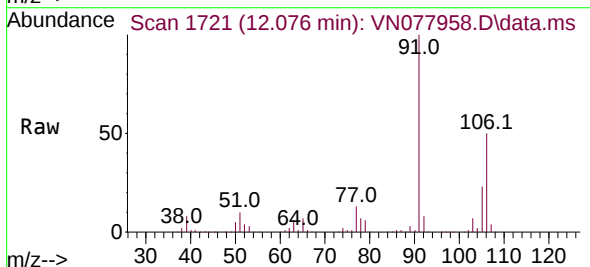
Tgt Ion: 91 Resp: 1332024
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

Manual Integrations
APPROVED

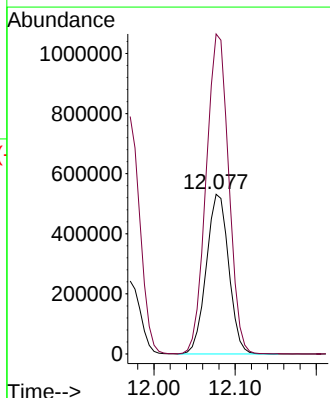
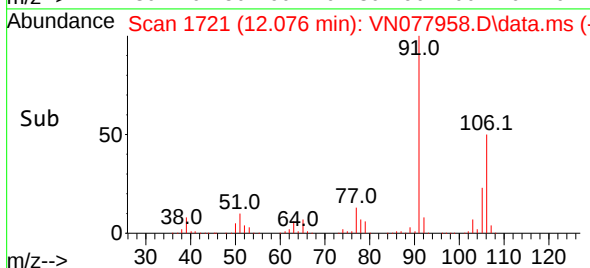
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

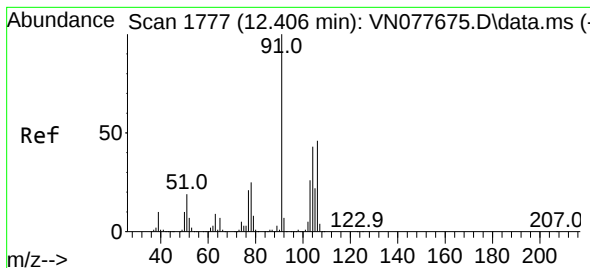


#68
m/p-Xylenes
Concen: 110.898 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



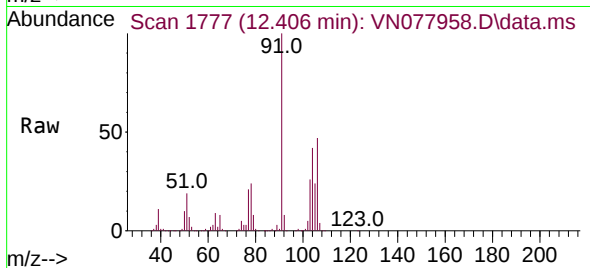
Tgt Ion:106 Resp: 1019819
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4





#69
o-Xylene
Concen: 54.744 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

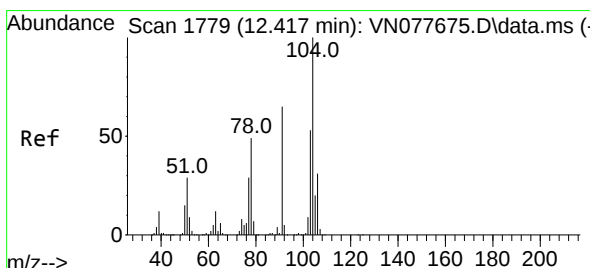
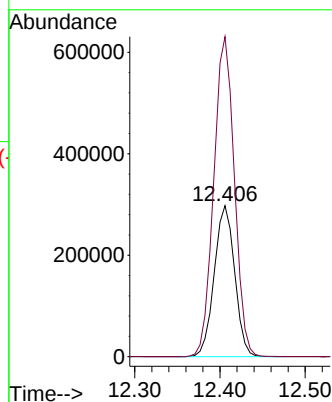
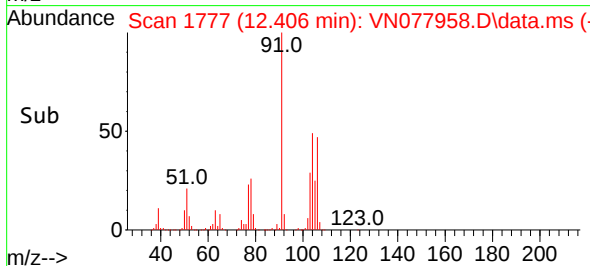
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 49509
Ion Ratio Lower Upper
106 100
91 214.7 105.2 315.5

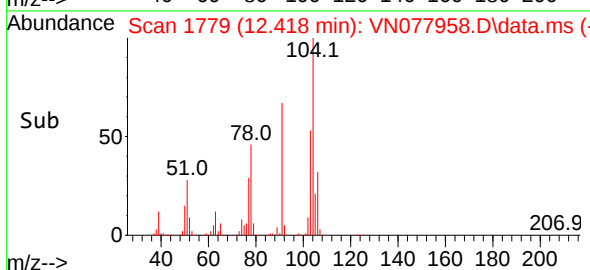
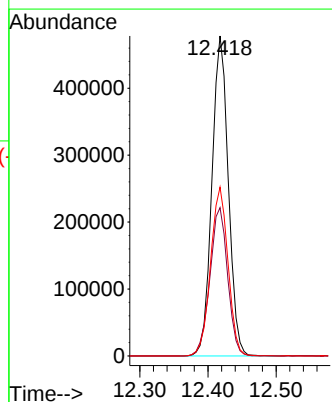
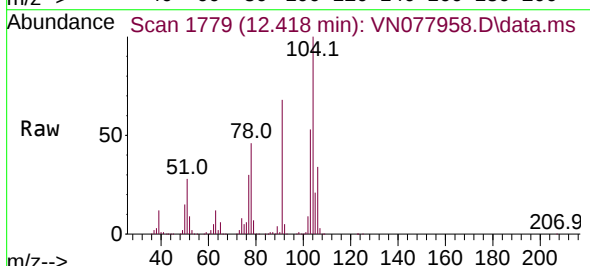
Manual Integrations
APPROVED

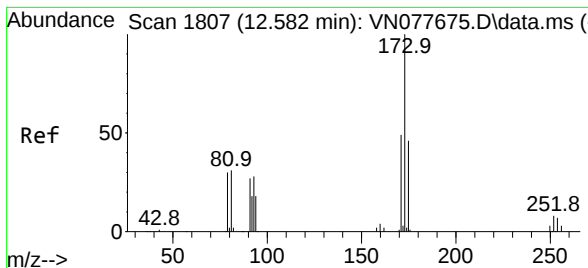
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#70
Styrene
Concen: 55.778 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:104 Resp: 801342
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 60.623 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 18898

Ion Ratio Lower Upper

173 100

175 47.6 24.3 73.0

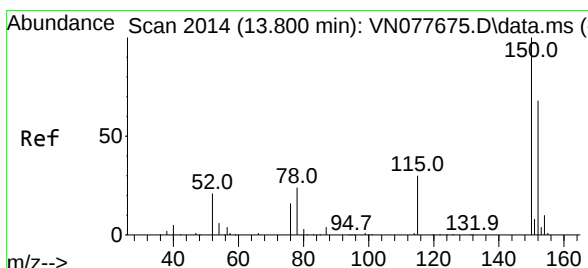
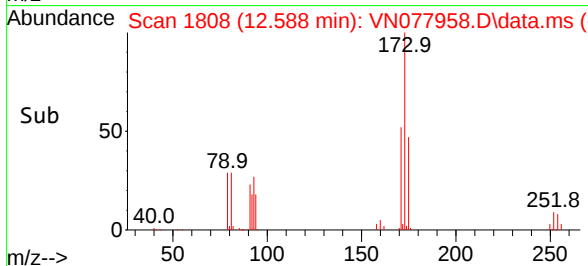
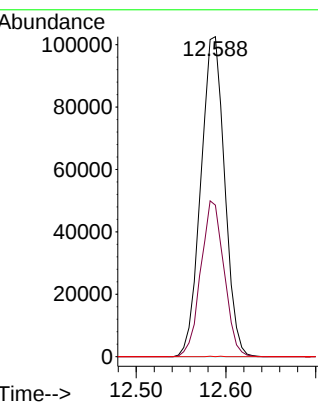
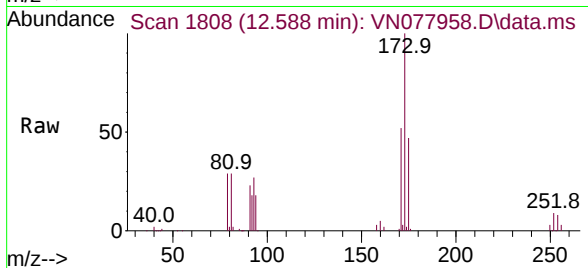
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

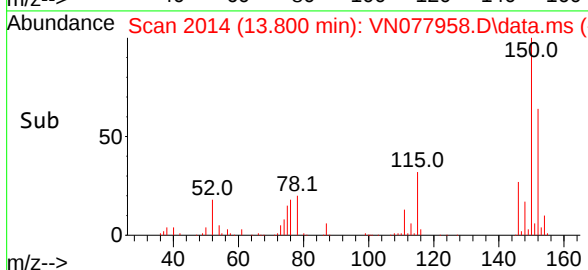
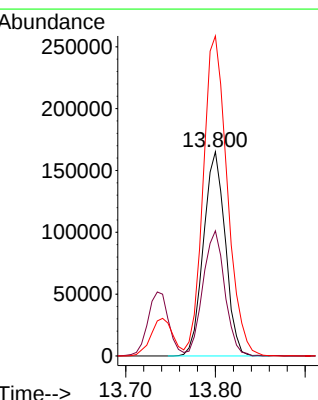
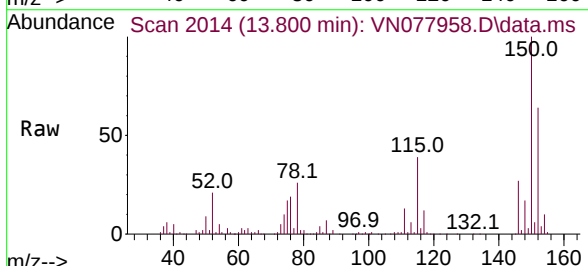
Tgt Ion:152 Resp: 277994

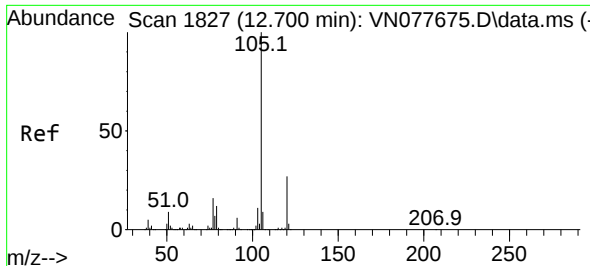
Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

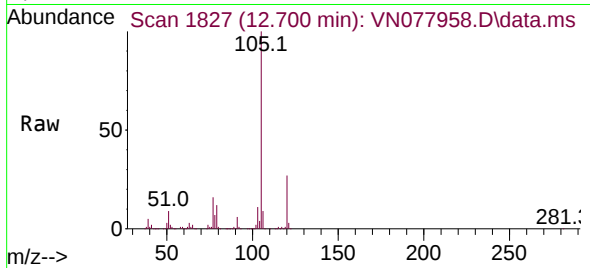
150 173.3 0.0 355.8





#73
Isopropylbenzene
Concen: 54.063 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

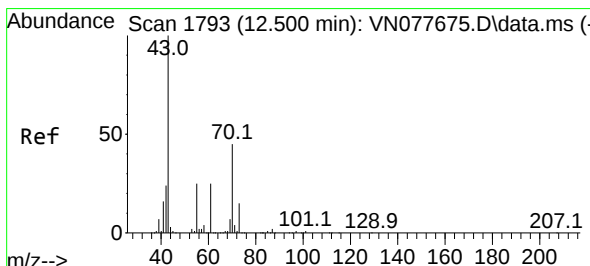
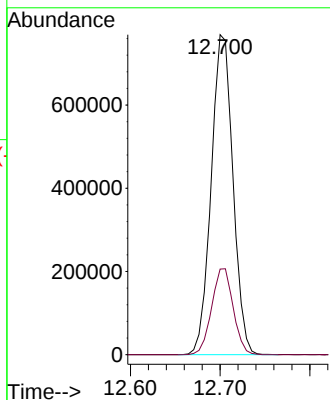
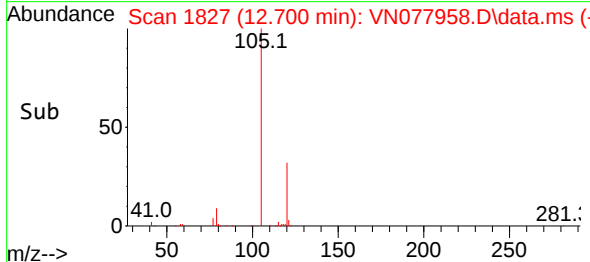
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 1295518
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

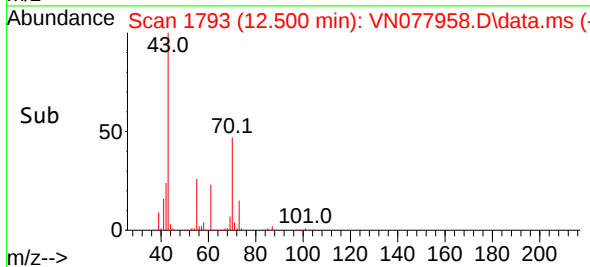
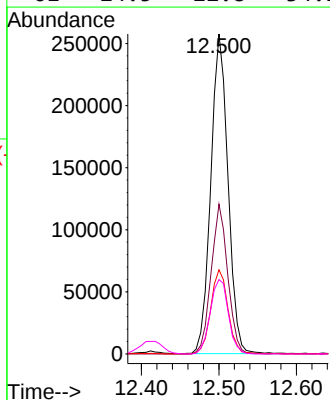
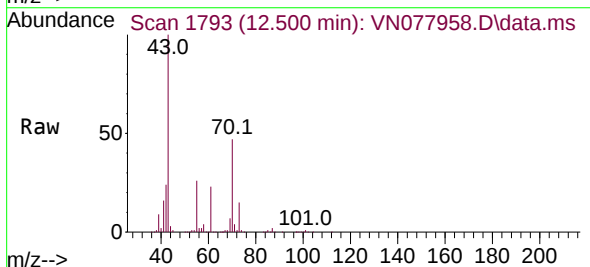
Manual Integrations
APPROVED

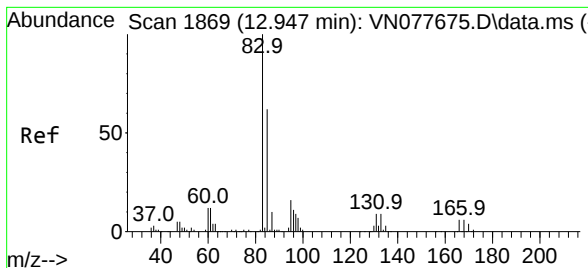
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#74
N-ethyl acetate
Concen: 44.764 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion: 43 Resp: 396499
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 26.5 21.4 32.0
61 24.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.322 ug/l

RT: 12.941 min Scan# 1869

Delta R.T. -0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

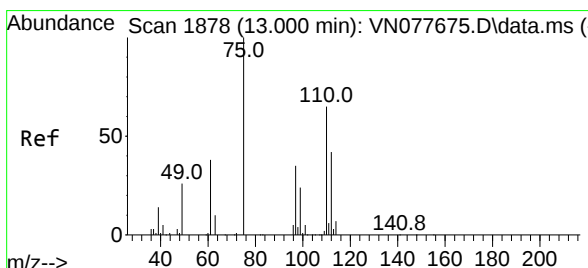
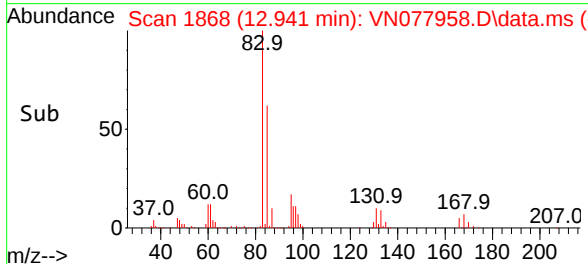
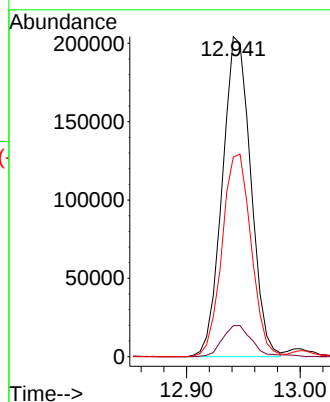
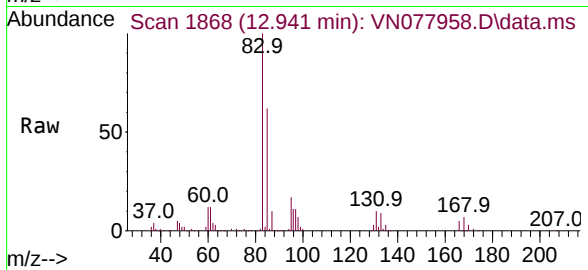
VSTDCCC050

Tgt Ion: 83 Resp: 356225
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 15.0
 85 64.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#76

1,2,3-Trichloropropane

Concen: 45.629 ug/l m

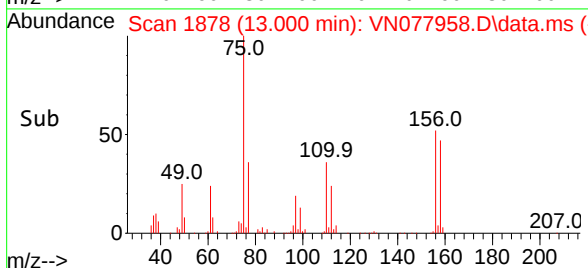
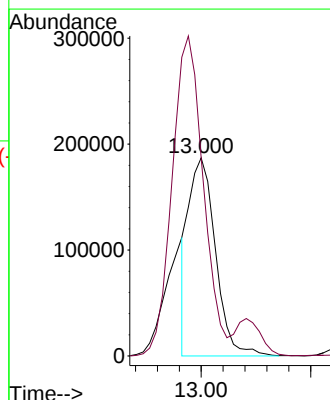
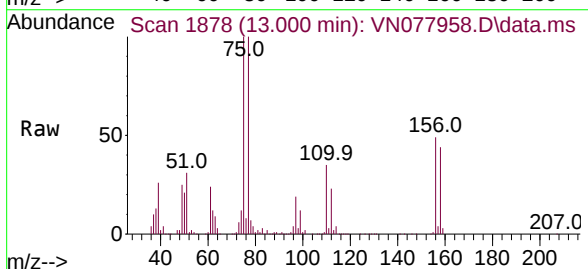
RT: 13.000 min Scan# 1878

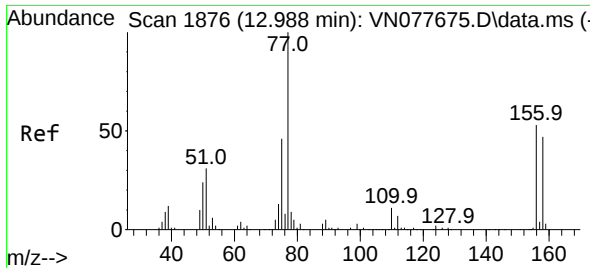
Delta R.T. -0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

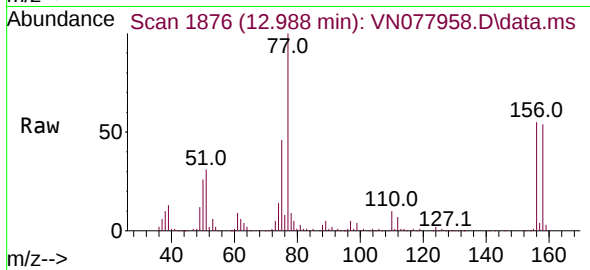
Tgt Ion: 75 Resp: 317666
 Ion Ratio Lower Upper
 75 100
 77 187.9 84.5 253.5





#77
Bromobenzene
Concen: 51.676 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

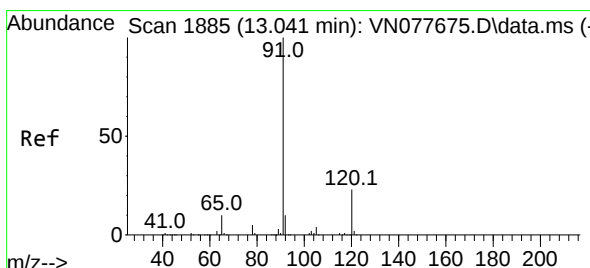
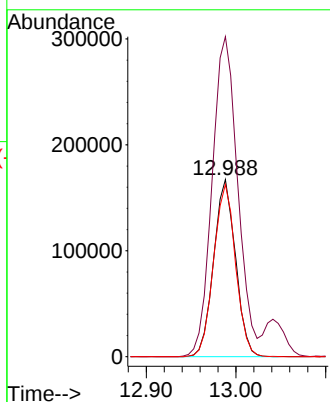
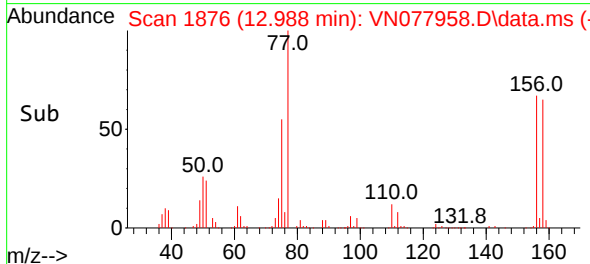
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 28259
Ion Ratio Lower Upper
156 100
77 211.2 107.7 323.3
158 97.8 48.4 145.3

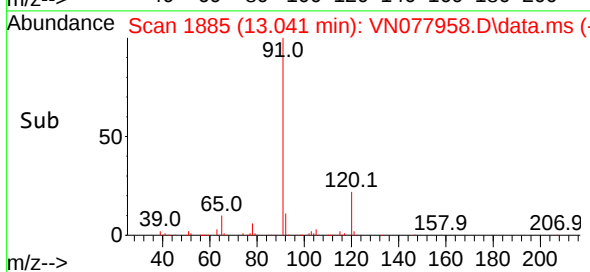
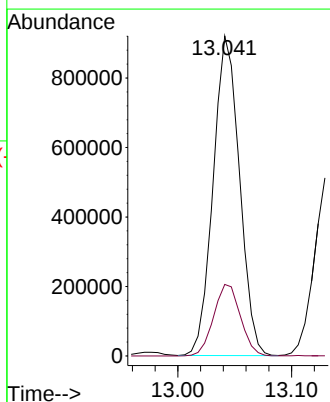
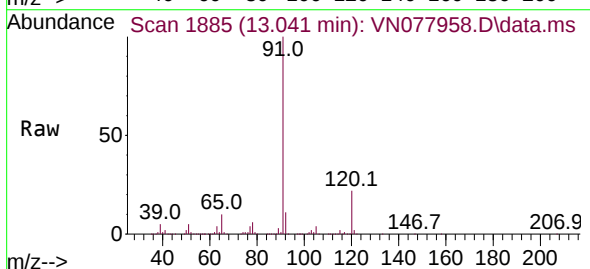
Manual Integrations
APPROVED

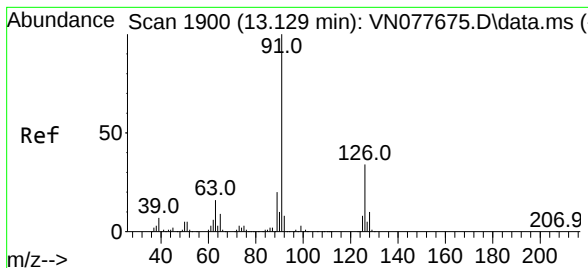
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#78
n-propylbenzene
Concen: 52.481 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

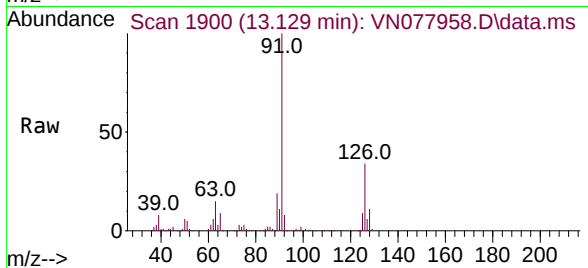
Tgt Ion: 91 Resp: 1482652
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79
2-Chlorotoluene
Concen: 52.745 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

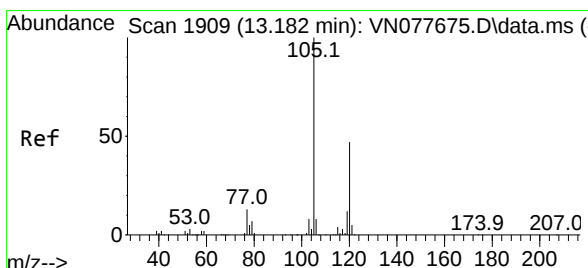
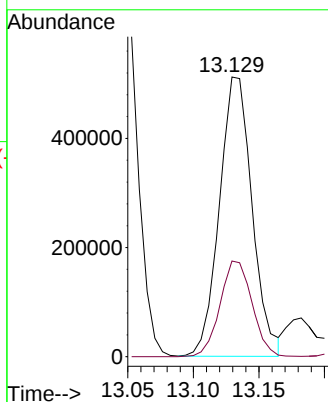
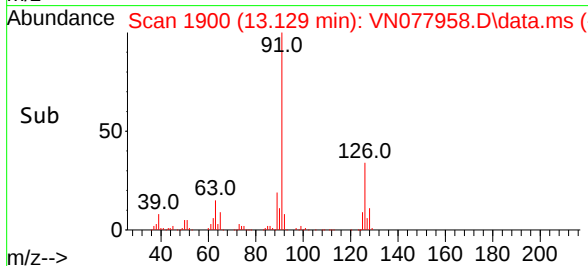
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



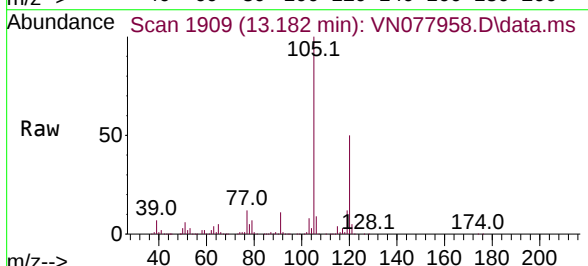
Tgt Ion: 91 Resp: 889168
Ion Ratio Lower Upper
91 100
126 33.6 16.3 48.8

Manual Integrations
APPROVED

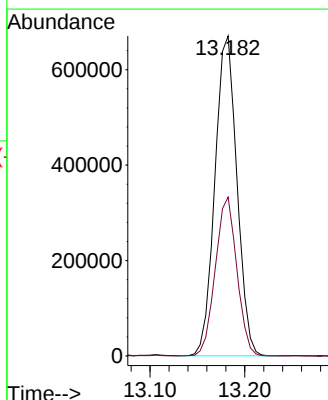
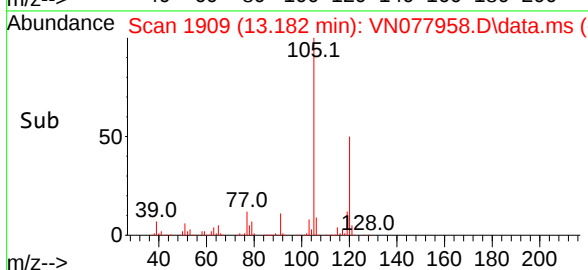
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

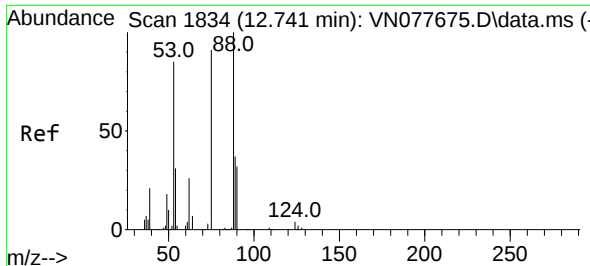


#80
1,3,5-Trimethylbenzene
Concen: 53.760 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



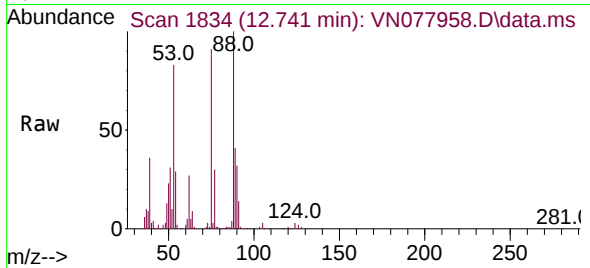
Tgt Ion:105 Resp: 1082730
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 60.194 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

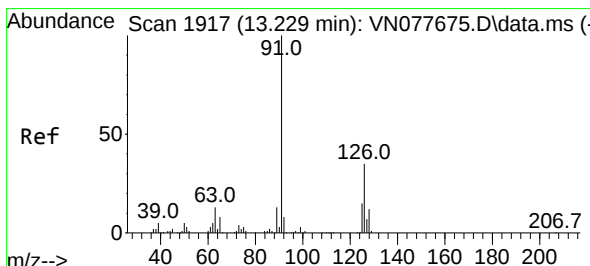
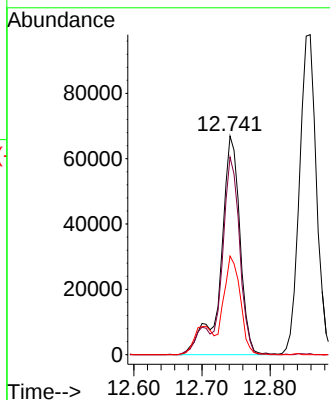
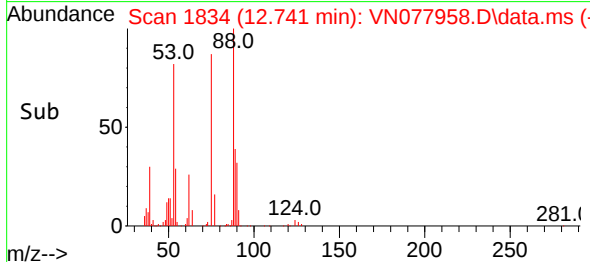
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 13110
Ion Ratio Lower Upper
75 100
53 77.9 67.4 101.2
89 39.4 38.8 58.2

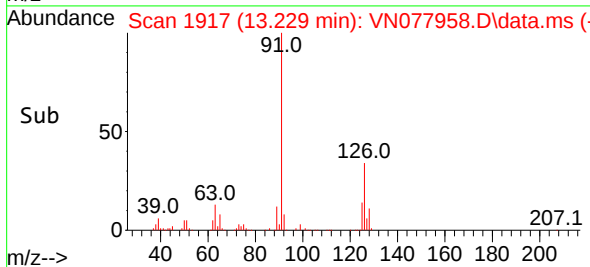
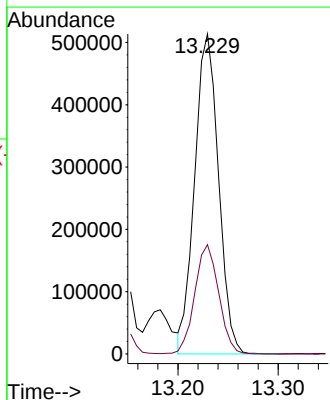
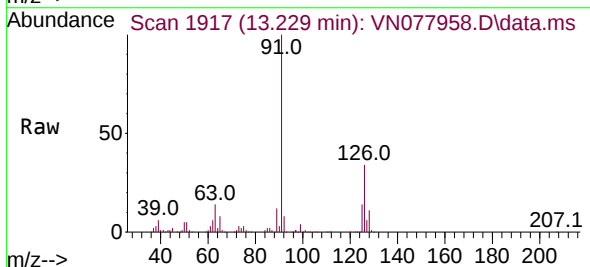
Manual Integrations
APPROVED

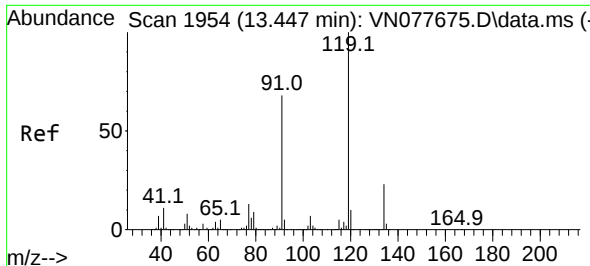
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#82
4-Chlorotoluene
Concen: 50.648 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

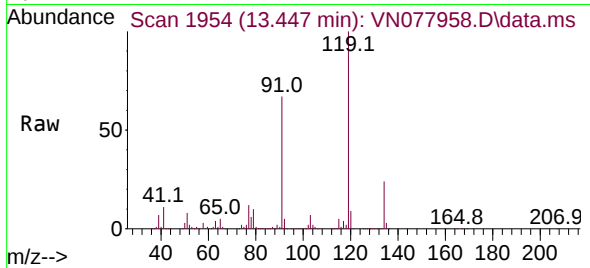
Tgt Ion: 91 Resp: 849512
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 52.288 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

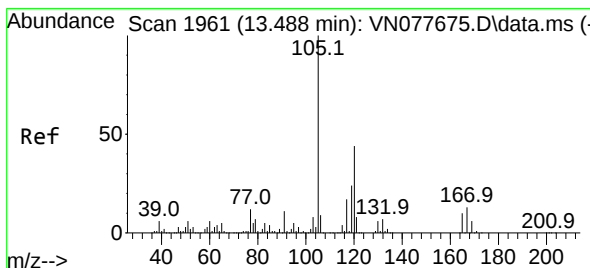
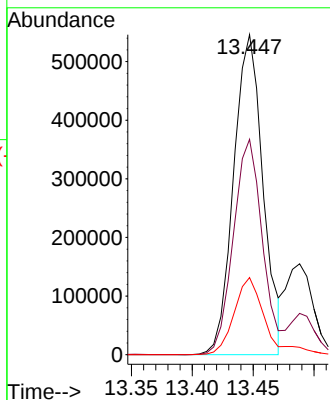
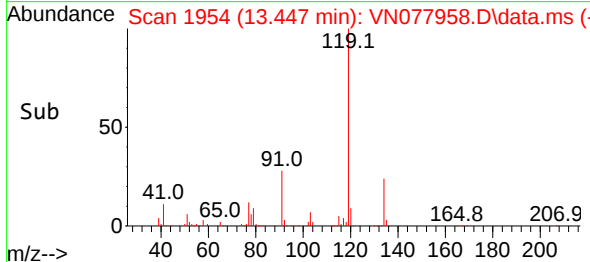
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



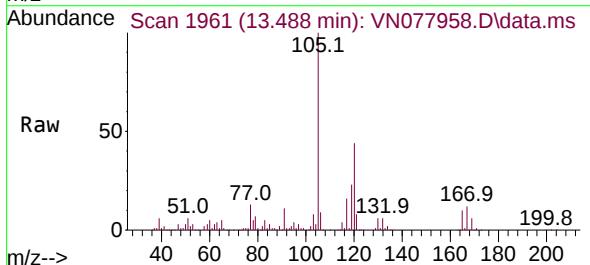
Tgt Ion:119 Resp: 919339
Ion Ratio Lower Upper
119 100
91 67.5 33.9 101.7
134 25.3 13.2 39.6

Manual Integrations
APPROVED

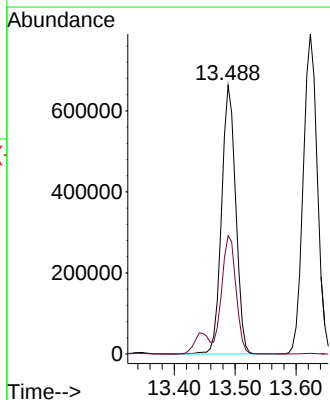
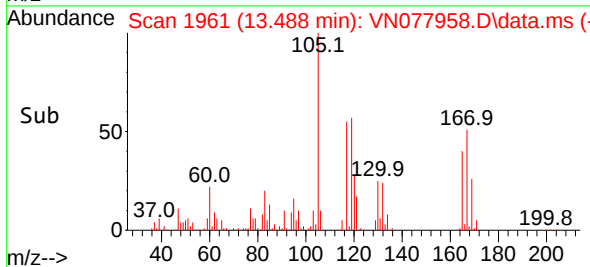
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

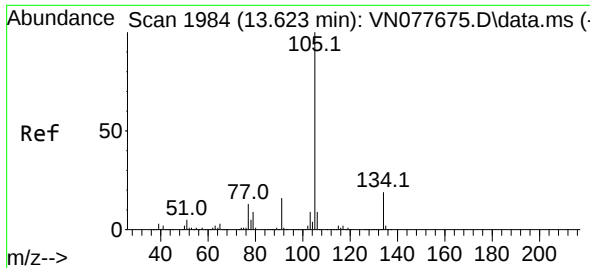


#84
1,2,4-Trimethylbenzene
Concen: 54.000 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



Tgt Ion:105 Resp: 1069608
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





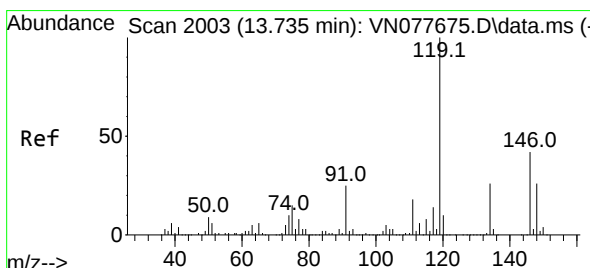
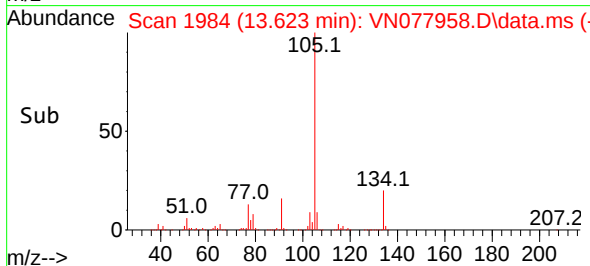
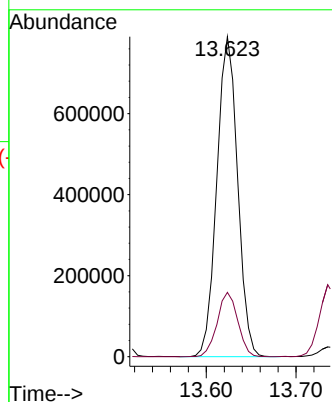
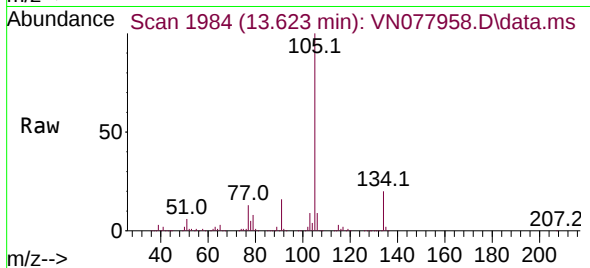
#85
 sec-Butylbenzene
 Concen: 50.779 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 126884
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

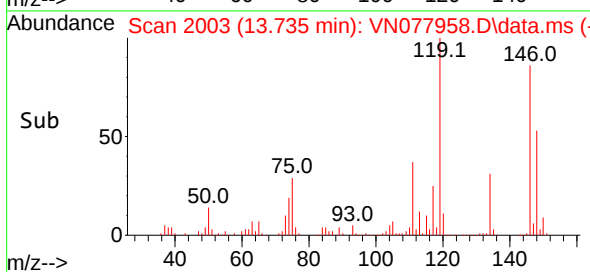
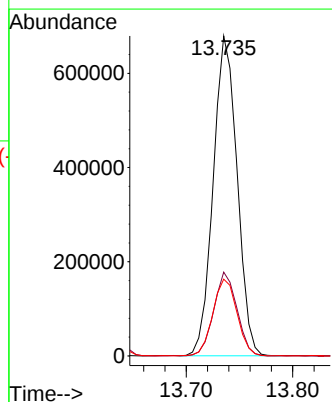
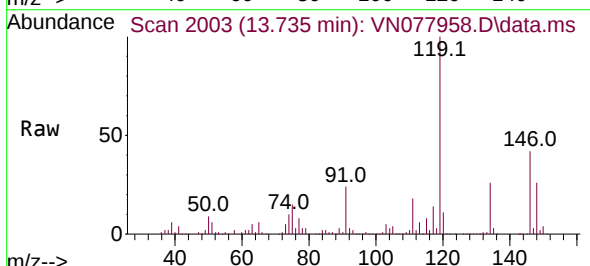
Manual Integrations
 APPROVED

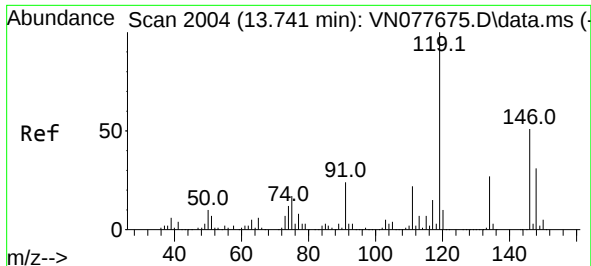
Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#86
 p-Isopropyltoluene
 Concen: 53.100 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077958.D
 Acq: 30 May 2023 10:14

Tgt Ion:119 Resp: 1057787
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.357 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 509272

Ion Ratio Lower Upper

146 100

111 43.2 22.1 66.3

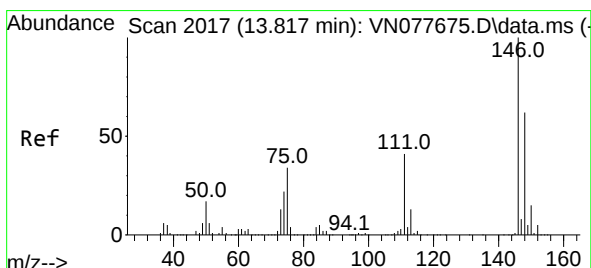
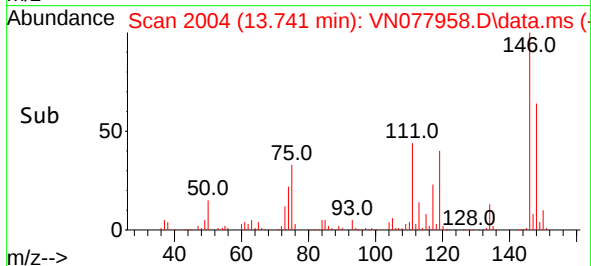
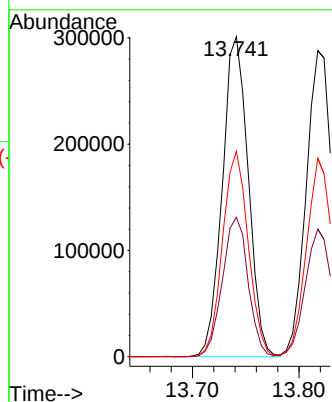
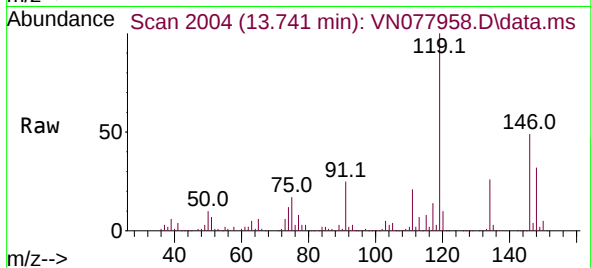
148 63.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#88

1,4-Dichlorobenzene

Concen: 49.403 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

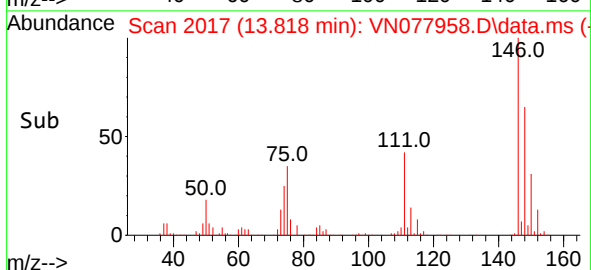
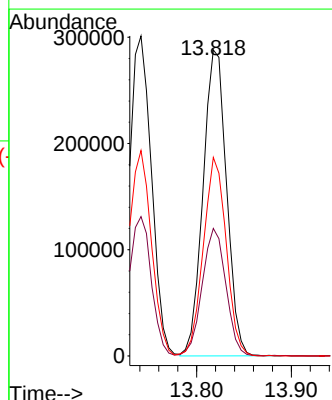
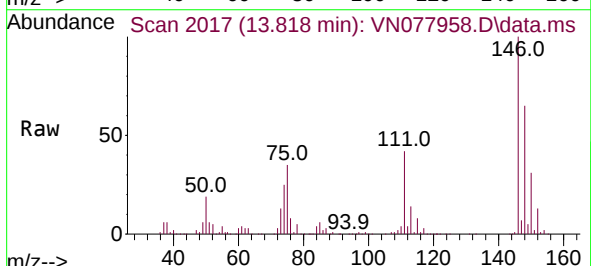
Tgt Ion:146 Resp: 495795

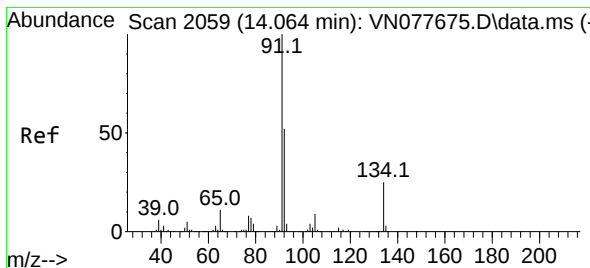
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.8

148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 46.904 ug/l

RT: 14.065 min Scan# 2059

Delta R.T. 0.001 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

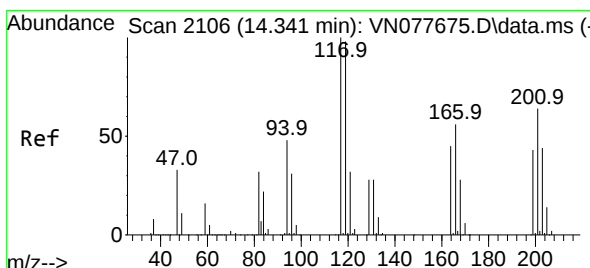
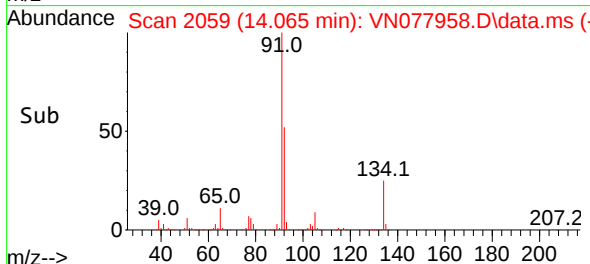
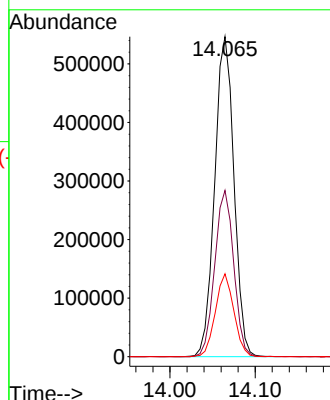
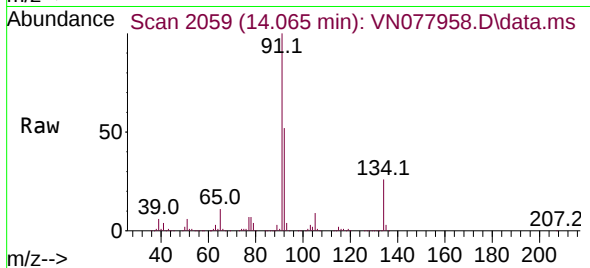
VSTDCCC050

Tgt Ion: 91 Resp: 85940
 Ion Ratio Lower Upper
 91 100
 92 51.3 26.4 79.0
 134 24.9 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#90

Hexachloroethane

Concen: 59.319 ug/l

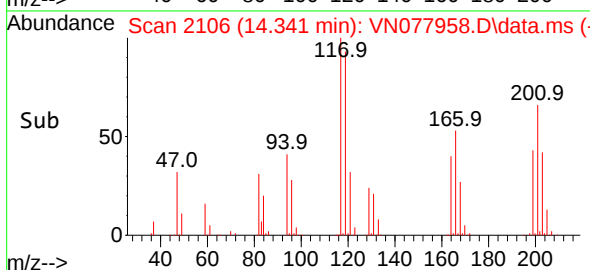
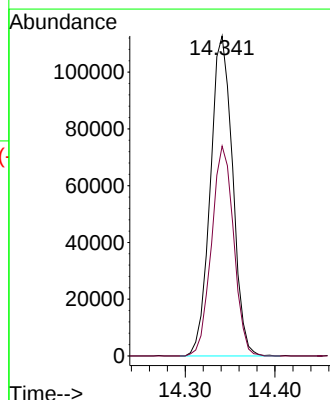
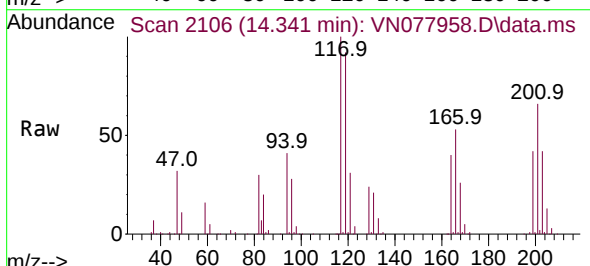
RT: 14.341 min Scan# 2106

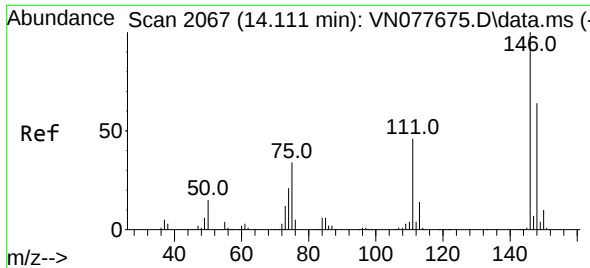
Delta R.T. 0.000 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

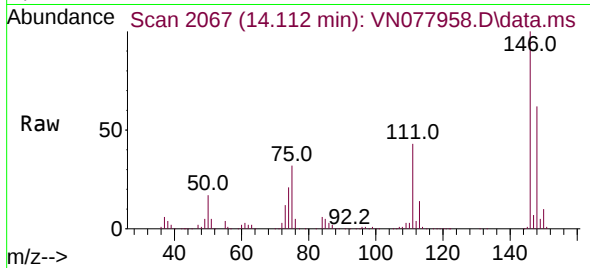
Tgt Ion:117 Resp: 194124
 Ion Ratio Lower Upper
 117 100
 201 65.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 52.936 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

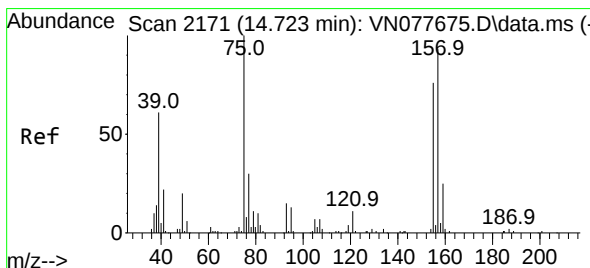
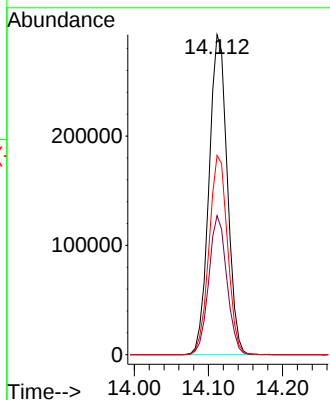
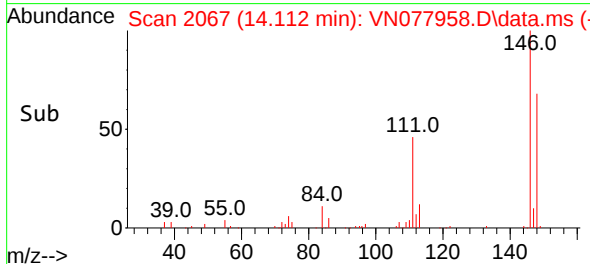
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



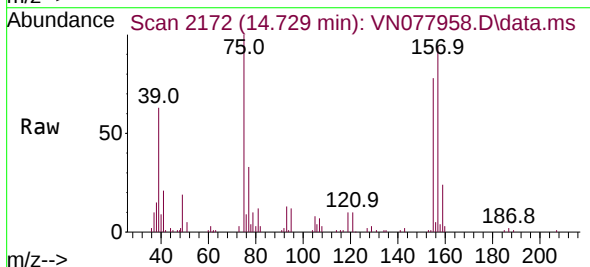
Tgt Ion:146 Resp: 50013
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 63.1 31.8 95.3

Manual Integrations
APPROVED

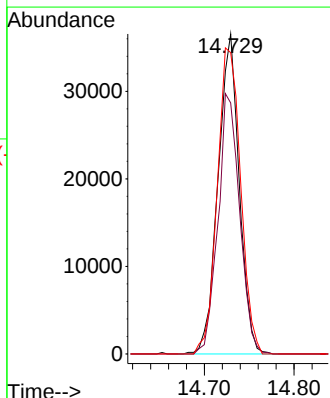
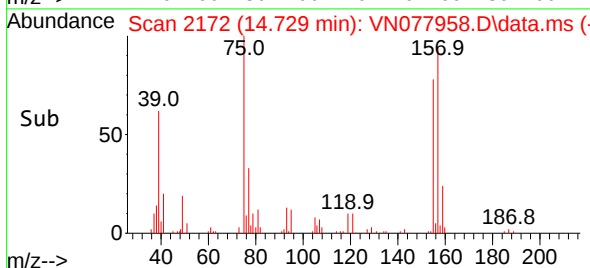
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

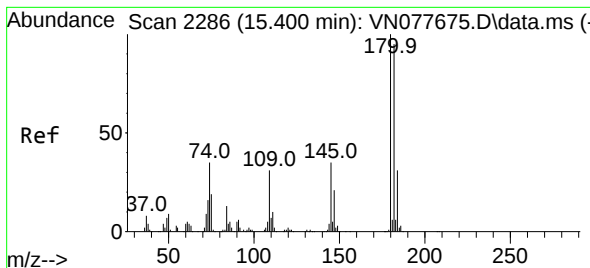


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.952 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14



Tgt Ion: 75 Resp: 59876
Ion Ratio Lower Upper
75 100
155 83.0 39.1 117.2
157 105.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 38.485 ug/l

RT: 15.400 min Scan# 21247

Delta R.T. -0.000 min

Lab File: VN077958.D

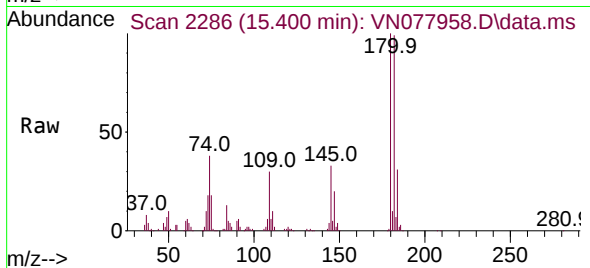
Acq: 30 May 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

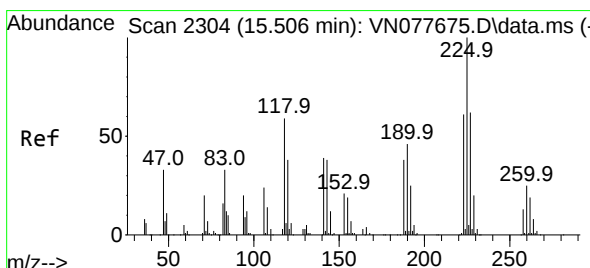
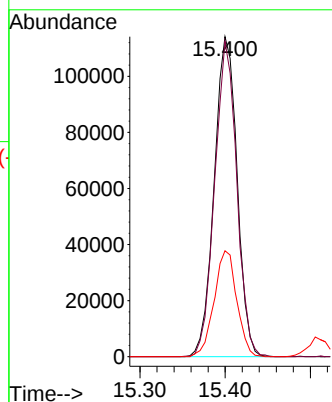
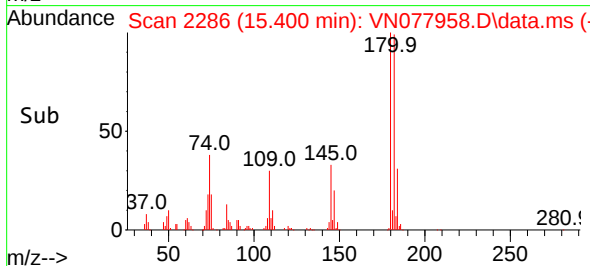


Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.1	138.2
145	32.7	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#94

Hexachlorobutadiene

Concen: 40.684 ug/l

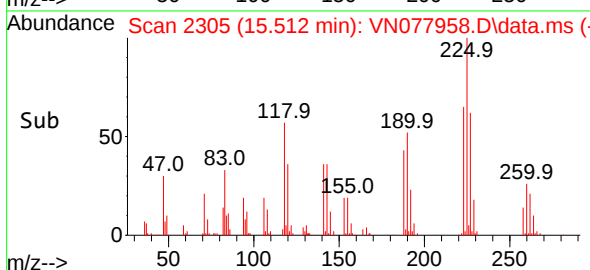
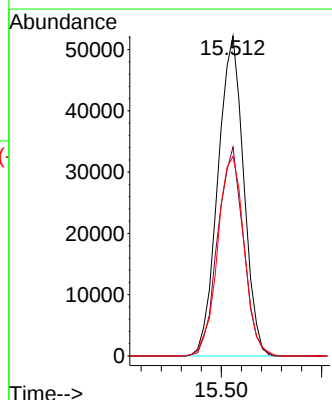
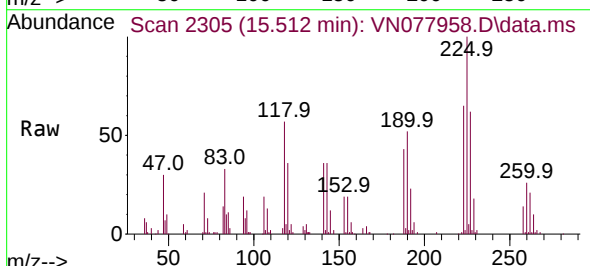
RT: 15.512 min Scan# 2305

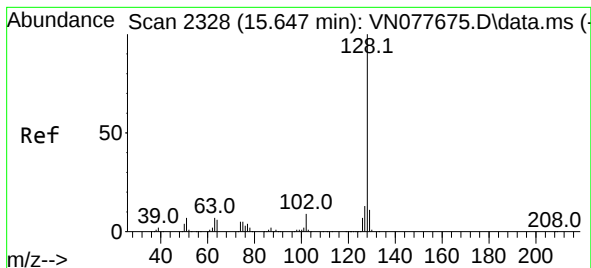
Delta R.T. 0.006 min

Lab File: VN077958.D

Acq: 30 May 2023 10:14

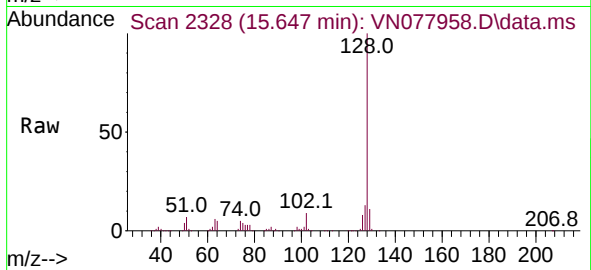
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.3	93.8
227	64.2	31.9	95.9





#95
Naphthalene
Concen: 32.898 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

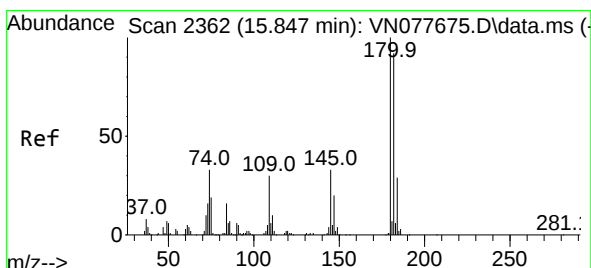
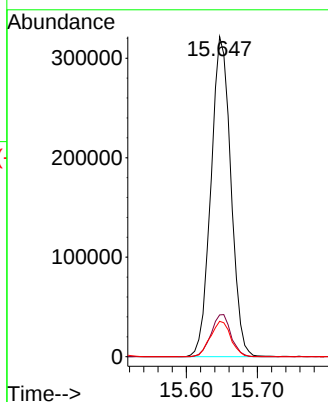
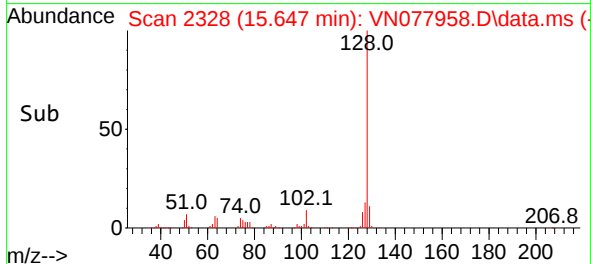
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 62518
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.100 ug/l
RT: 15.853 min Scan# 2363
Delta R.T. 0.006 min
Lab File: VN077958.D
Acq: 30 May 2023 10:14

Tgt Ion:180 Resp: 216766
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 34.3 17.5 52.6

