

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079995.D
 Acq On : 08 Nov 2023 16:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Nov 09 04:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023

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

Internal Standards						
1) Bromochloromethane	7.818	128	76102	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	408899	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	376129	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	194413	30.433	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.433%			
60) 4-Bromofluorobenzene	12.853	95	181809	30.227	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.767%			
63) Toluene-d8	10.571	98	544249	30.538	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	90910	18.321	ug/l	97
3) Chloromethane	2.359	50	119303	19.086	ug/l	96
4) Vinyl Chloride	2.512	62	97566	18.678	ug/l	97
5) Bromomethane	2.959	94	45344	15.854	ug/l	97
6) Chloroethane	3.118	64	49439	16.295	ug/l #	84
7) Trichlorofluoromethane	3.501	101	135760	17.317	ug/l	92
8) Diethyl Ether	3.959	74	49663	17.647	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	81764	18.461	ug/l	98
10) 1,1-Dichloroethene	4.336	96	76045	19.408	ug/l	95
11) Methyl Iodide	4.589	142	90955	17.550	ug/l	95
12) Methyl Acetate	5.030	43	181295	17.847	ug/l	99
13) Acrolein	4.177	56	76381	88.995	ug/l	97
14) Acrylonitrile	5.724	53	214368	88.847	ug/l	99
15) Acetone	4.430	58	66732	81.910	ug/l	72
16) Carbon Disulfide	4.712	76	227770	17.024	ug/l	99
17) Allyl chloride	5.024	41	118206	17.265	ug/l	94
18) Methylene Chloride	5.277	84	98023	18.655	ug/l	97
19) trans-1,2-Dichloroethene	5.795	96	87970	18.113	ug/l	94
20) Diisopropyl ether	6.677	45	287899	17.994	ug/l	98
21) 1,1-Dichloroethane	6.571	63	174221	18.242	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	99898	17.725	ug/l	98
23) tert-Butyl Alcohol	5.530	59	60650	93.127	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	253542	17.574	ug/l	97
25) Chloroform	7.965	83	179617	18.220	ug/l	94
26) Cyclohexane	8.259	56	131219	17.465	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	128019	18.242	ug/l	99
30) 2-Butanone	7.489	43	297387	88.732	ug/l	100
31) 2,2-Dichloropropane	7.494	77	140325	18.500	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	151947	18.966	ug/l	98
33) Carbon Tetrachloride	8.365	117	132438	18.808	ug/l	97
34) Benzene	8.606	78	399886	19.182	ug/l	99
35) Methacrylonitrile	7.777	41	61608	17.533	ug/l	96
36) 1,2-Dichloroethane	8.671	62	145518	19.287	ug/l	100
37) Trichloroethene	9.353	130	94456	18.840	ug/l	96
38) Methylcyclohexane	9.606	83	112759	17.112	ug/l	97
39) 1,2-Dichloropropane	9.624	63	104097	18.865	ug/l	96
40) Dibromomethane	9.712	93	68176	19.115	ug/l	98
41) Bromodichloromethane	9.888	83	138455	18.743	ug/l	99
42) Vinyl Acetate	6.606	43	760772	91.386	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	123549	19.624	ug/l	97
44) Isopropyl Acetate	8.688	43	188430	18.368	ug/l	94
45) 1,4-Dioxane	9.694	88	32007	404.850	ug/l	96
46) Methyl methacrylate	9.682	41	91552	18.565	ug/l	93
47) n-amyl Acetate	12.500	43	148161	17.980	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	136364	18.075	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	153578	18.415	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	93954	19.311	ug/l	95
51) Ethyl methacrylate	10.877	69	125512	17.948	ug/l	95
52) 1,3-Dichloropropane	11.165	76	166157	19.102	ug/l	99
53) Dibromochloromethane	11.365	129	95191	18.289	ug/l	97
54) 1,2-Dibromoethane	11.471	107	92203	18.873	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	337977	105.081	ug/l	99
56) Bromoform	12.582	173	64445	18.895	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	594973	94.683	ug/l	98
59) 2-Hexanone	11.200	43	436678	91.225	ug/l	98
61) Tetrachloroethene	11.106	164	87074	19.746	ug/l	98
62) Toluene	10.635	91	415144	19.083	ug/l	99
64) Chlorobenzene	11.894	112	240584	18.532	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	90754	19.057	ug/l	96
66) Ethyl Benzene	11.965	91	421888	18.455	ug/l	98
67) m/p-Xylenes	12.076	106	324750	38.158	ug/l	95
68) o-Xylene	12.400	106	151386	18.558	ug/l	98
69) Styrene	12.412	104	253888	18.801	ug/l	99
70) Isopropylbenzene	12.700	105	380834	18.716	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	127825	18.444	ug/l	100
72) 1,2,3-Trichloropropane	13.000	75	124145m	19.279	ug/l	
73) Bromobenzene	12.982	156	94317	18.854	ug/l	96
74) n-propylbenzene	13.041	91	456685	18.761	ug/l	100
75) 2-Chlorotoluene	13.129	91	292741	18.920	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	318411	18.919	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	38614	18.313	ug/l	94
78) 4-Chlorotoluene	13.223	91	290671	18.915	ug/l	98
79) tert-butylbenzene	13.441	119	244168	18.525	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	315065	19.091	ug/l	98
81) sec-Butylbenzene	13.618	105	342701	18.419	ug/l	99
82) p-Isopropyltoluene	13.735	119	278768	18.449	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	172238	18.895	ug/l	97
84) 1,4-Dichlorobenzene	13.818	146	164565	18.393	ug/l	98
85) n-Butylbenzene	14.059	91	218389	17.281	ug/l	97
86) Hexachloroethane	14.335	117	53777	18.303	ug/l	98
87) 1,2-Dichlorobenzene	14.112	146	167376	19.220	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.723	75	23178	18.288	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	68184	16.901	ug/l	97
90) Hexachlorobutadiene	15.506	225	34582	17.393	ug/l	97
91) Naphthalene	15.647	128	199458	15.406	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	68184	16.901	ug/l	97

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

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Manual Integrations

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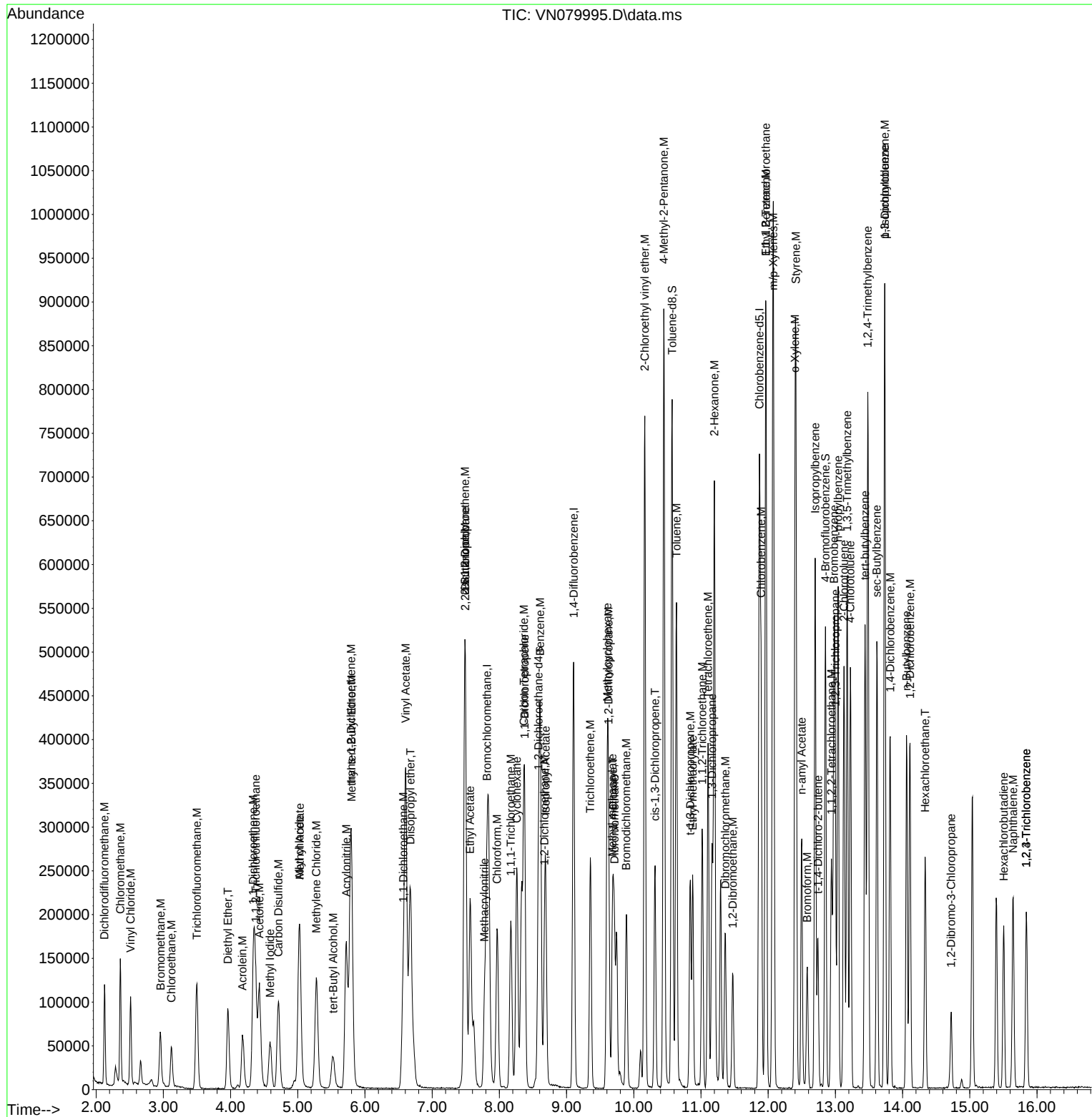
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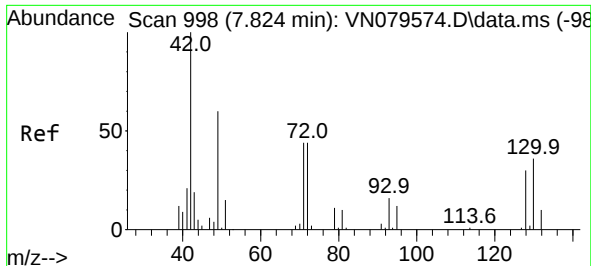
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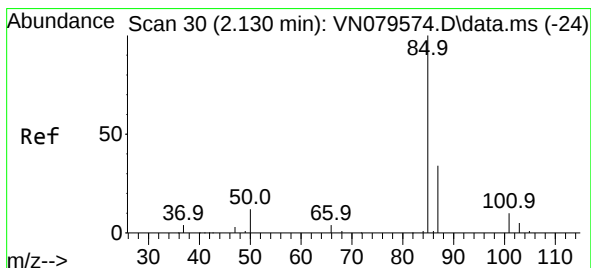
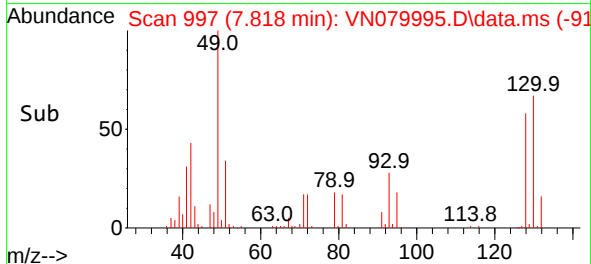
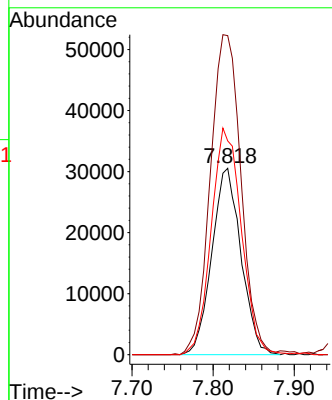
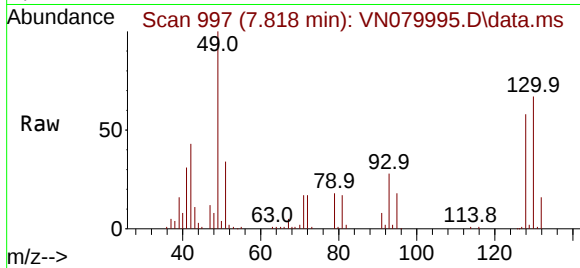
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079995.D
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ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 7610
Ion Ratio Lower Upper
128 100
49 180.5 0.0 468.5
130 125.9 0.0 320.7

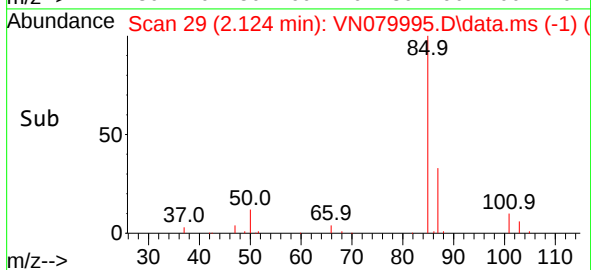
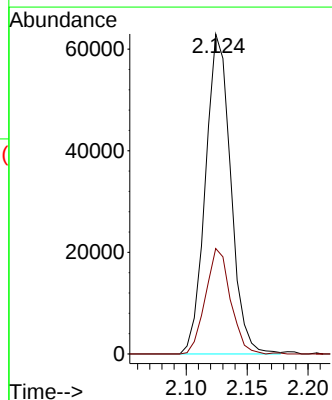
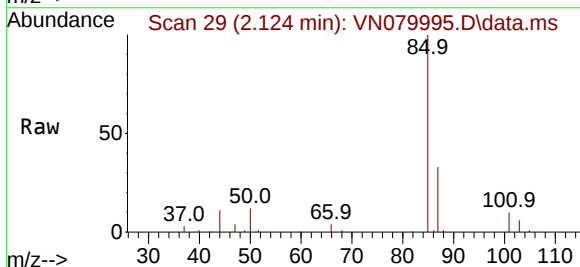
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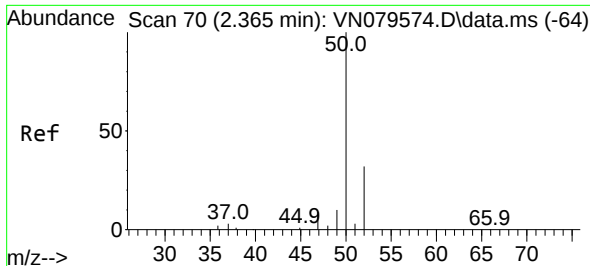
Reviewed By :John Carlone 11/09/2023
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#2
Dichlorodifluoromethane
Concen: 18.321 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 85 Resp: 90910
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.7





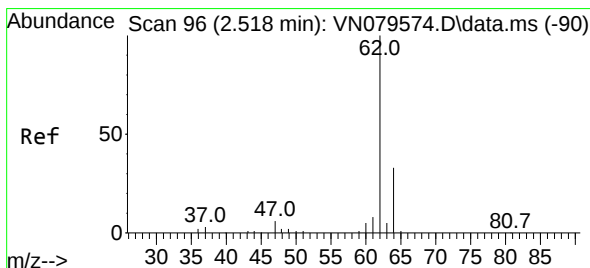
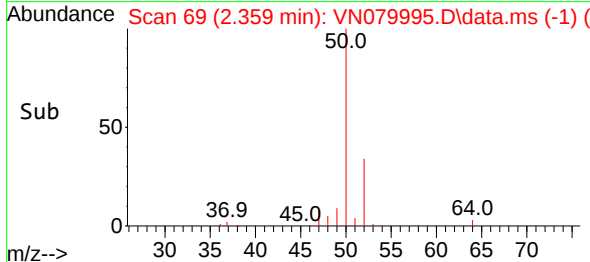
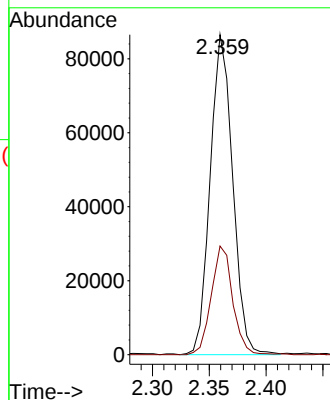
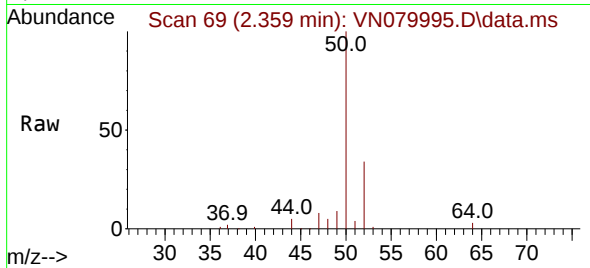
#3
Chloromethane
Concen: 19.086 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

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MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 11930
Ion Ratio Lower Upper
50 100
52 34.0 25.6 38.4

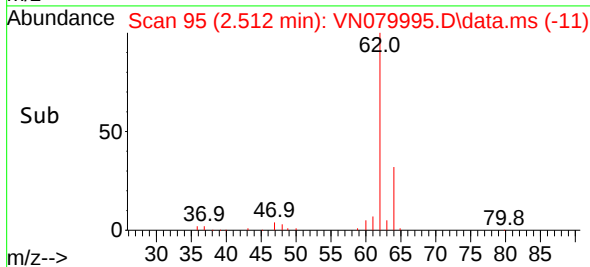
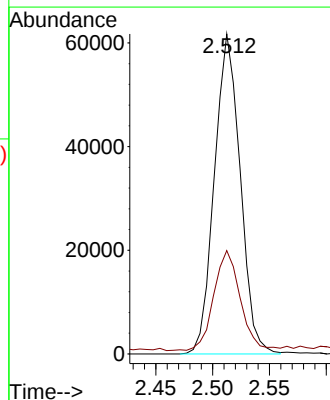
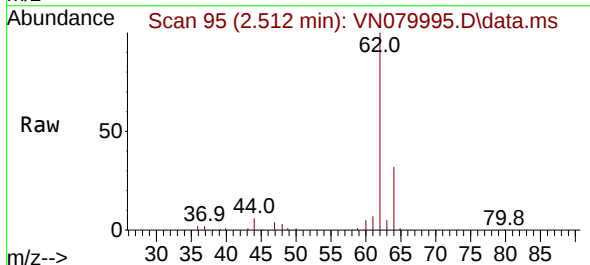
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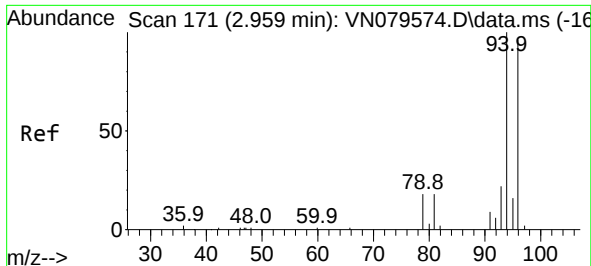
Reviewed By :John Carlone 11/09/2023
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#4
Vinyl Chloride
Concen: 18.678 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

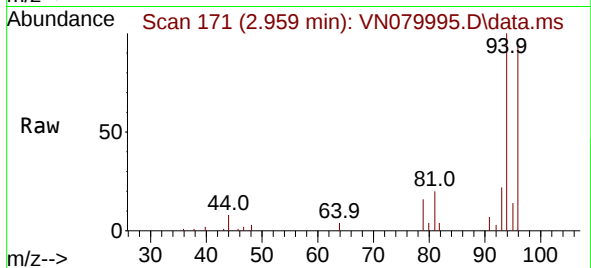
Tgt Ion: 62 Resp: 97566
Ion Ratio Lower Upper
62 100
64 31.0 26.4 39.6





#5
Bromomethane
Concen: 15.854 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

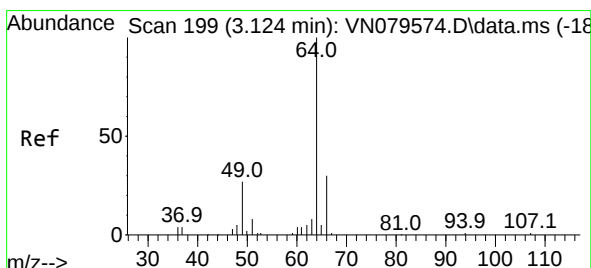
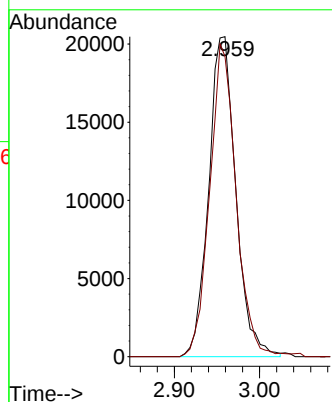
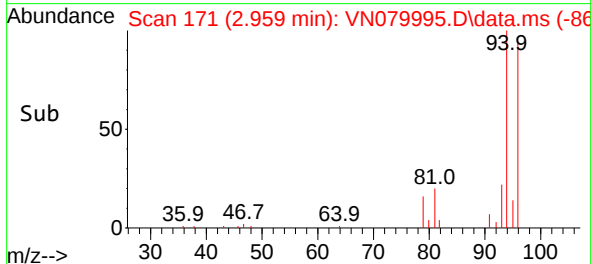
Instrument :
MSVOA_N
ClientSampleId :
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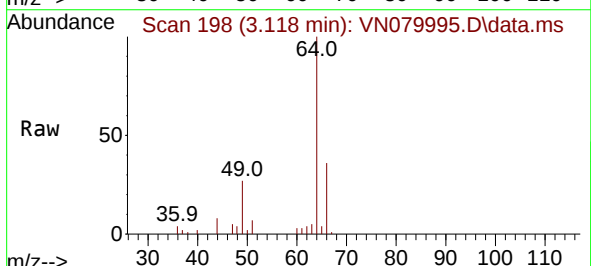
Tgt Ion: 94 Resp: 45344
Ion Ratio Lower Upper
94 100
96 93.9 77.8 116.6

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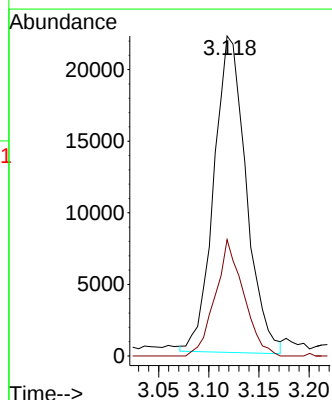
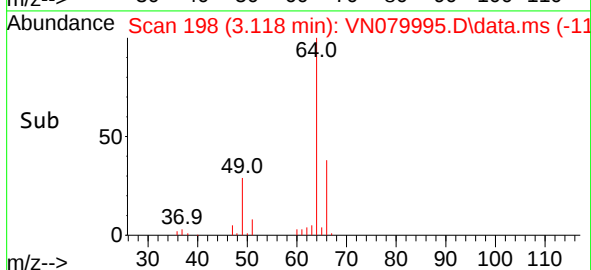
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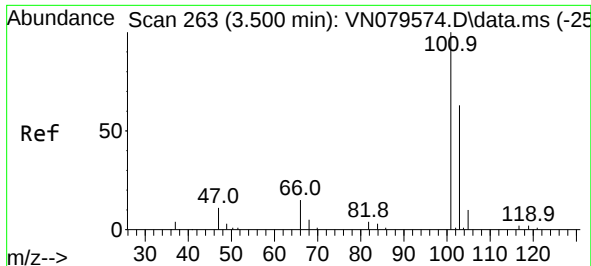


#6
Chloroethane
Concen: 16.295 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN079995.D
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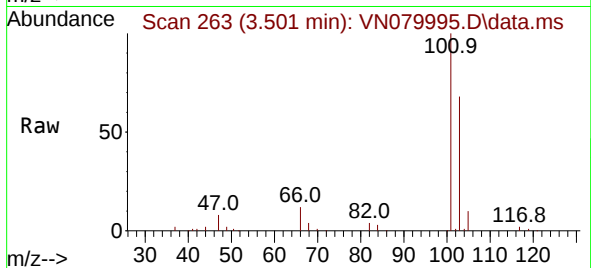
Tgt Ion: 64 Resp: 49439
Ion Ratio Lower Upper
64 100
66 37.5 23.3 34.9#





#7
Trichlorofluoromethane
Concen: 17.317 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN079995.D
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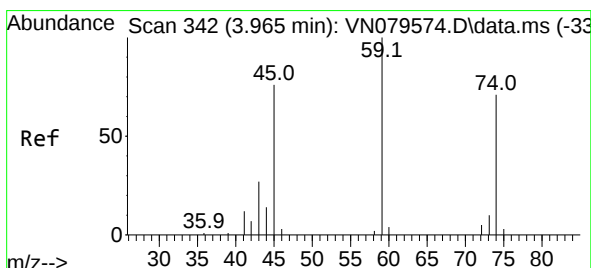
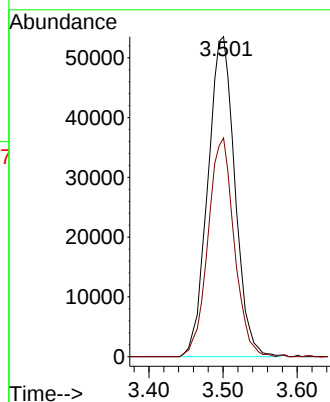
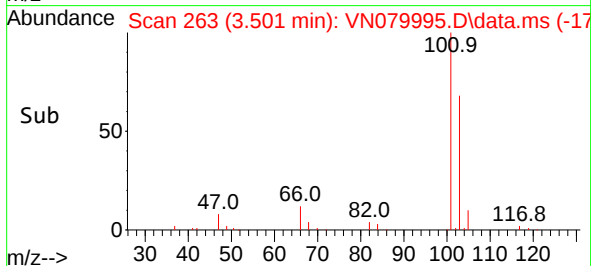
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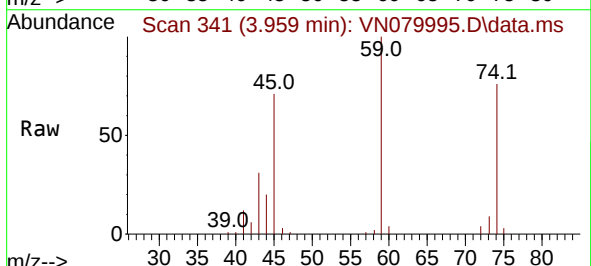
Tgt Ion:101 Resp: 135760
Ion Ratio Lower Upper
101 100
103 68.4 49.9 74.9

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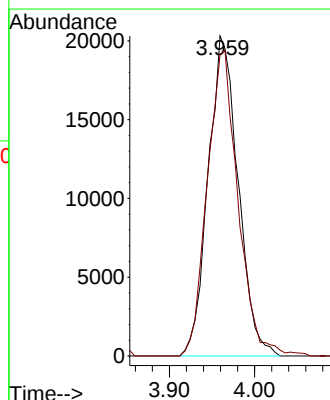
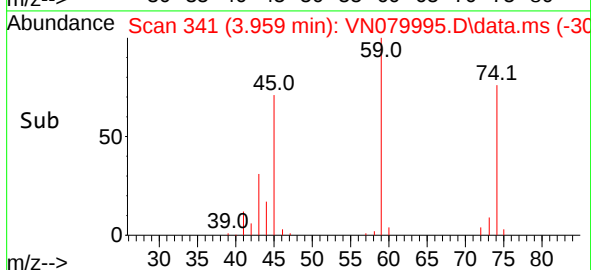
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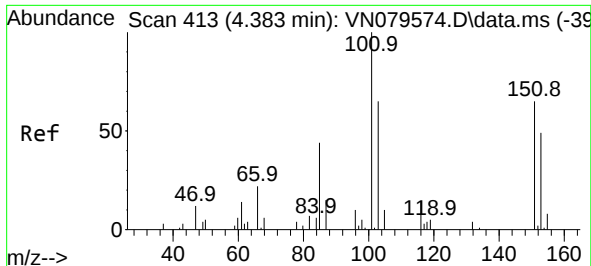


#8
Diethyl Ether
Concen: 17.647 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079995.D
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Tgt Ion: 74 Resp: 49663
Ion Ratio Lower Upper
74 100
45 96.0 19.0 171.0





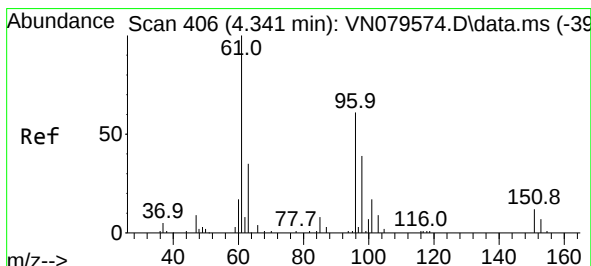
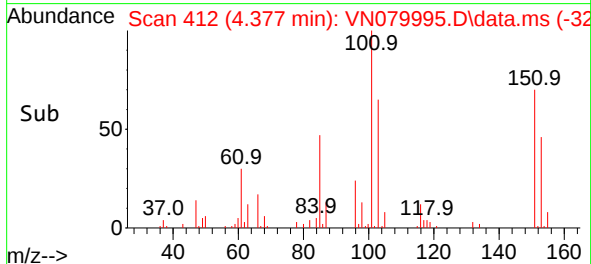
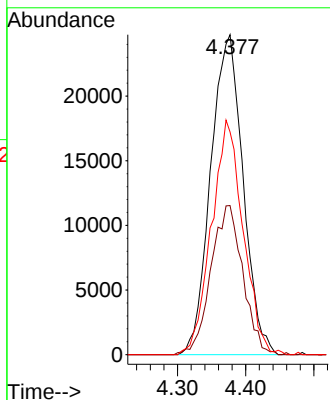
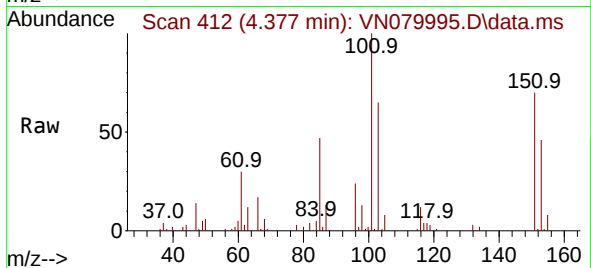
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1,1,2-Trichlorotrifluoroethane
Concen: 18.461 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN079995.D
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MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 81764
Ion Ratio Lower Upper
101 100
85 45.9 0.0 92.0
151 71.4 0.0 138.4

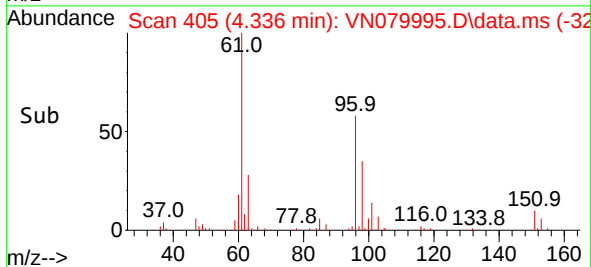
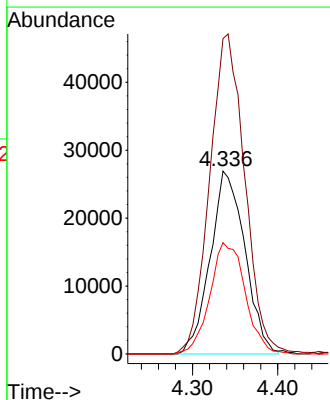
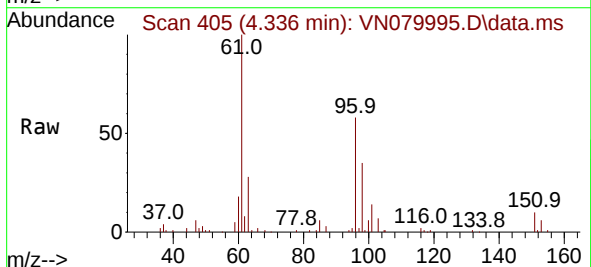
Manual Integrations
APPROVED

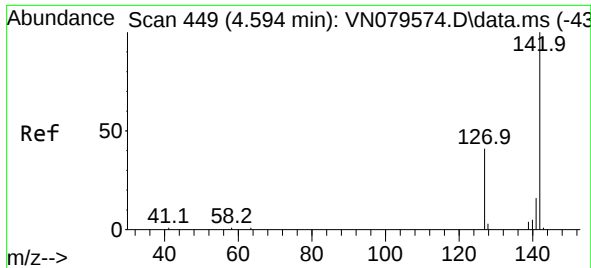
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#10
1,1-Dichloroethene
Concen: 19.408 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

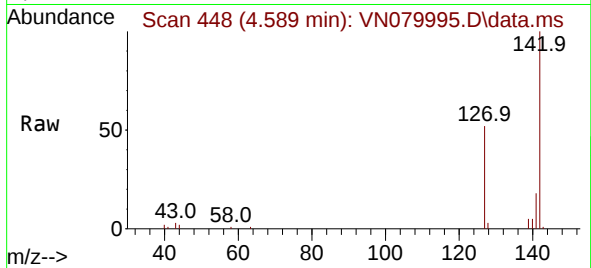
Tgt Ion: 96 Resp: 76045
Ion Ratio Lower Upper
96 100
61 171.4 141.3 211.9
98 60.3 53.2 79.8





#11
Methyl Iodide
Concen: 17.550 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

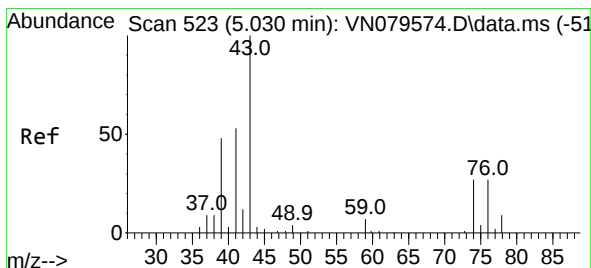
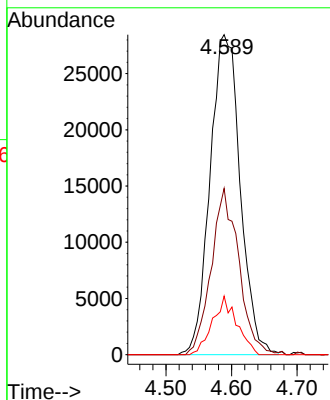
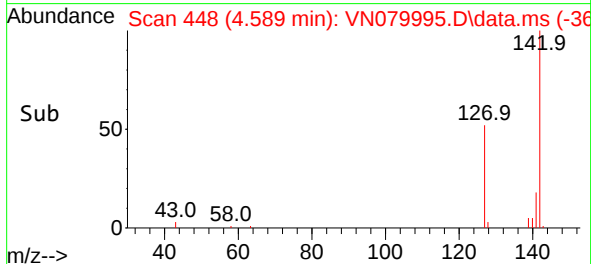
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 9095
Ion Ratio Lower Upper
142 100
127 51.8 24.6 73.8
141 18.3 7.7 23.1

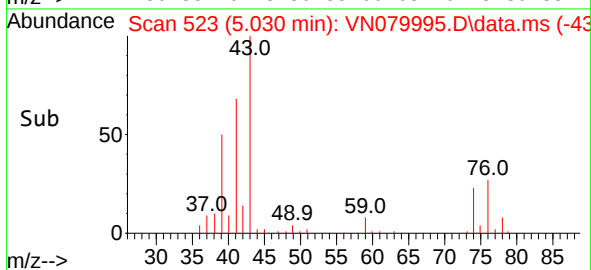
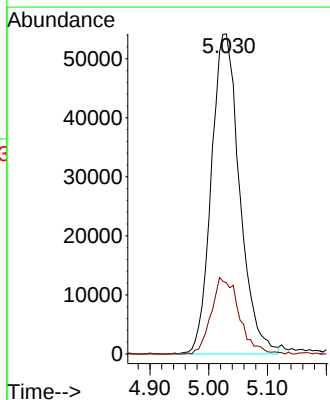
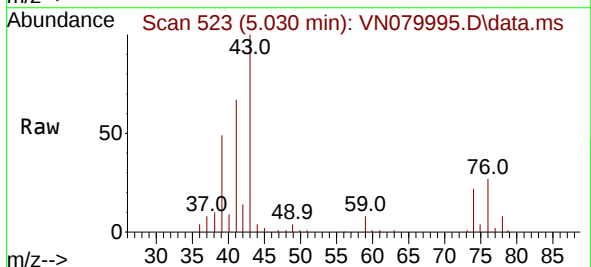
Manual Integrations
APPROVED

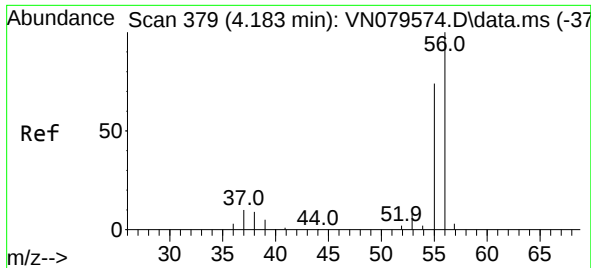
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#12
Methyl Acetate
Concen: 17.847 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 43 Resp: 181295
Ion Ratio Lower Upper
43 100
74 22.2 18.1 27.1





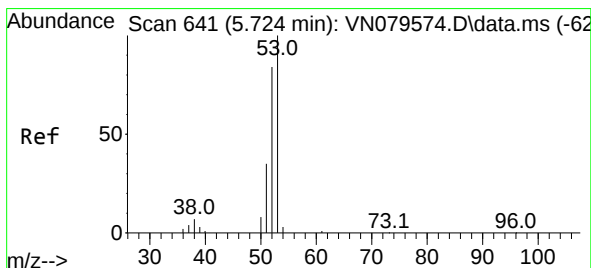
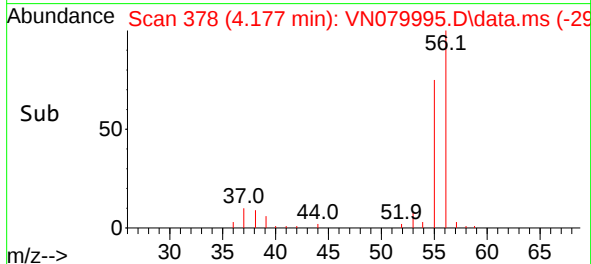
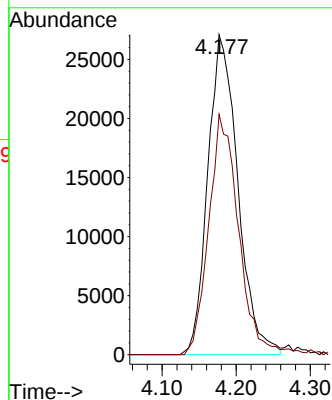
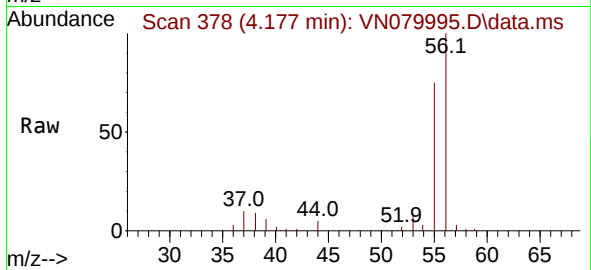
#13
Acrolein
Concen: 88.995 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 7638
Ion Ratio Lower Upper
56 100
55 73.5 57.1 85.7

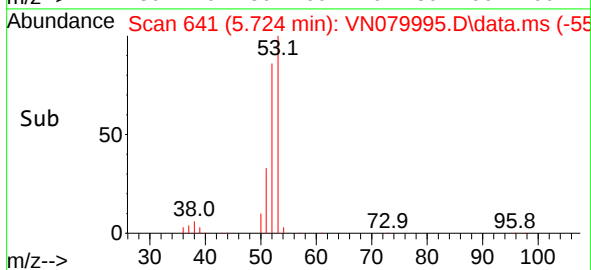
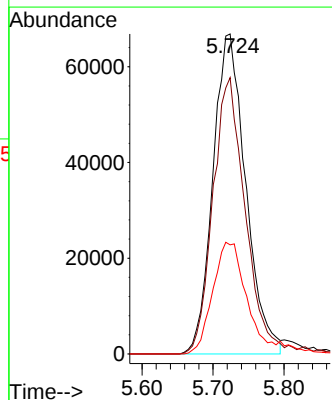
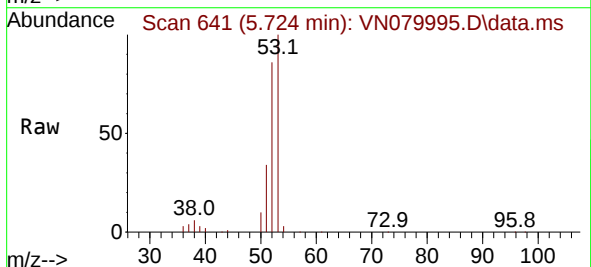
Manual Integrations
APPROVED

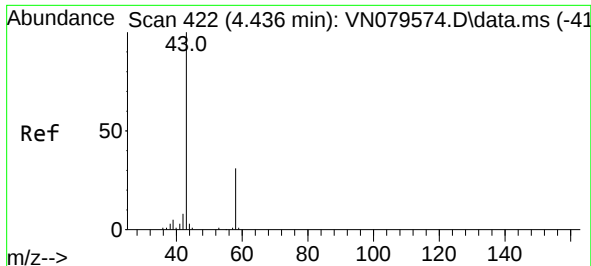
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#14
Acrylonitrile
Concen: 88.847 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 53 Resp: 214368
Ion Ratio Lower Upper
53 100
52 84.5 41.6 124.9
51 35.8 17.8 53.3





#15

Acetone

Concen: 81.910 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 66732

Ion Ratio Lower Upper

58 100

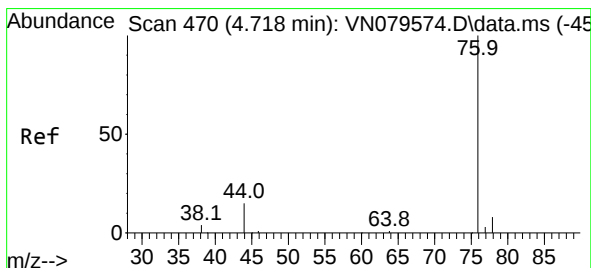
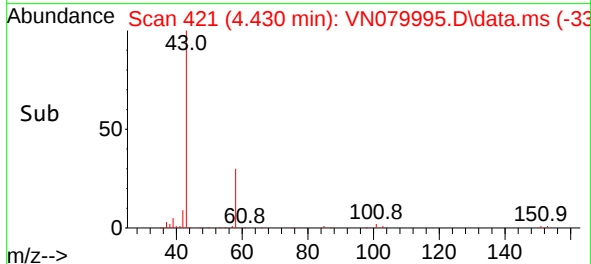
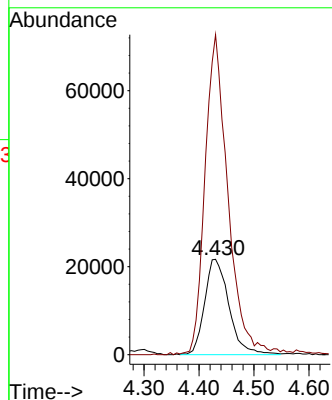
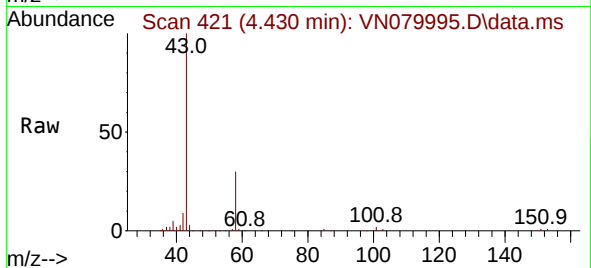
43 334.9 225.2 337.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#16

Carbon Disulfide

Concen: 17.024 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN079995.D

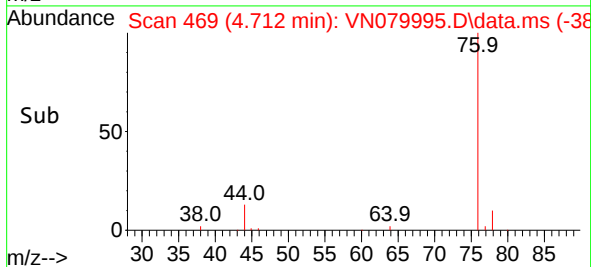
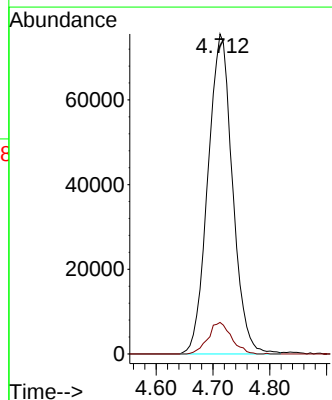
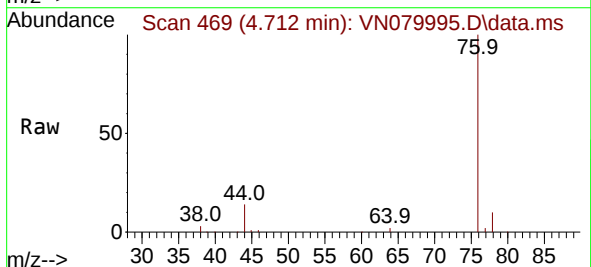
Acq: 08 Nov 2023 16:59

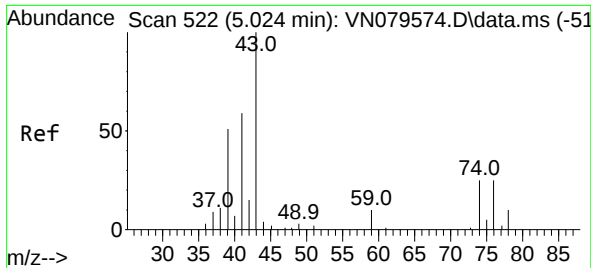
Tgt Ion: 76 Resp: 227770

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3





#17
Allyl chloride
Concen: 17.265 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

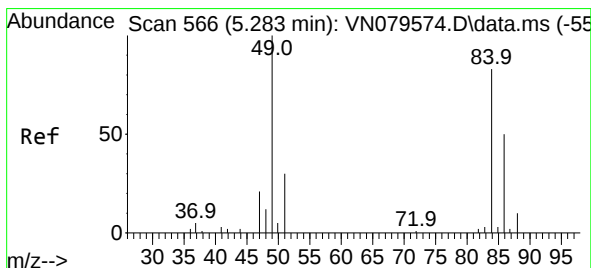
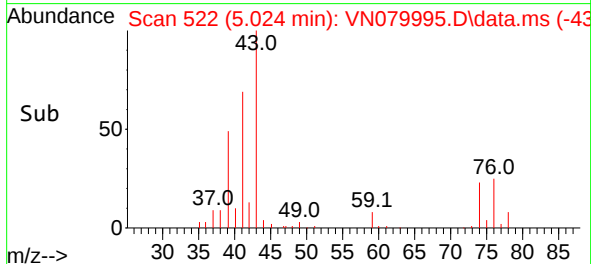
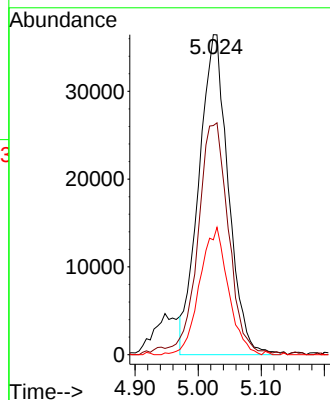
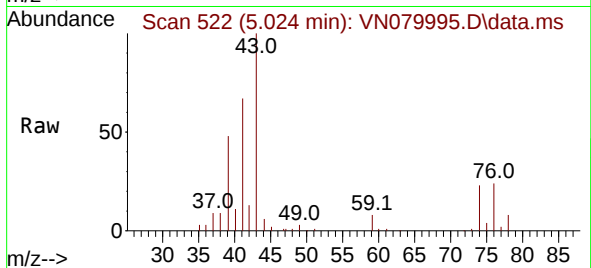
VSTDCCC020

Tgt Ion: 41 Resp: 118200
Ion Ratio Lower Upper
41 100
39 71.5 38.4 115.2
76 36.1 19.5 58.5

Manual Integrations

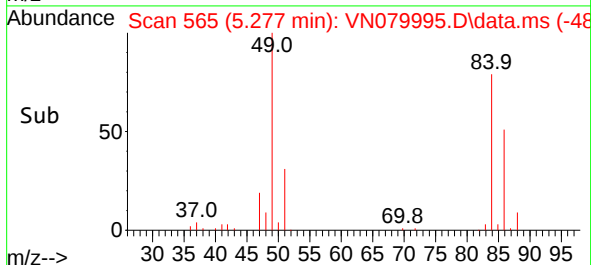
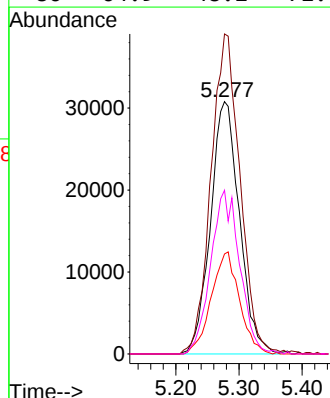
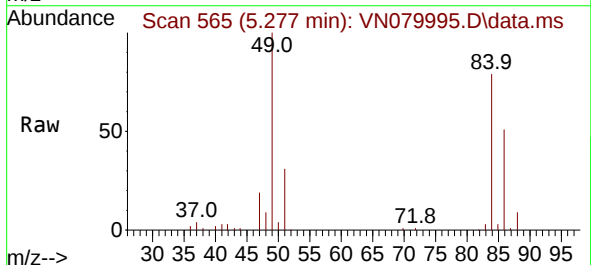
APPROVED

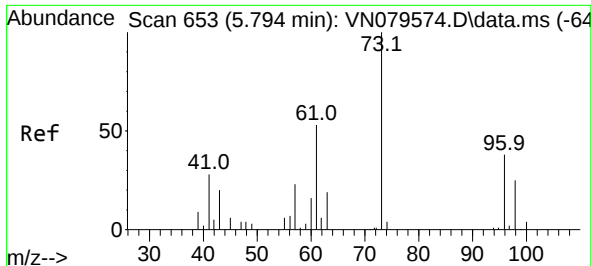
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#18
Methylene Chloride
Concen: 18.655 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

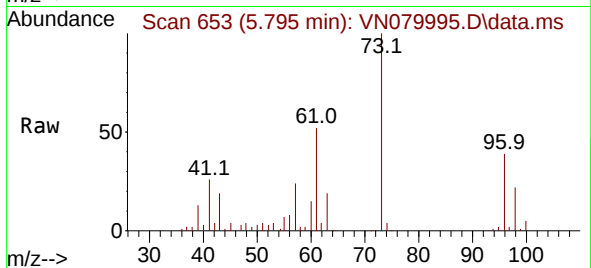
Tgt Ion: 84 Resp: 98023
Ion Ratio Lower Upper
84 100
49 126.8 100.9 151.3
51 39.7 29.4 44.2
86 64.9 48.2 72.4





#19
trans-1,2-Dichloroethene
Concen: 18.113 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

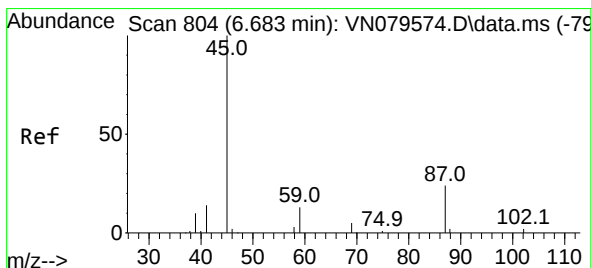
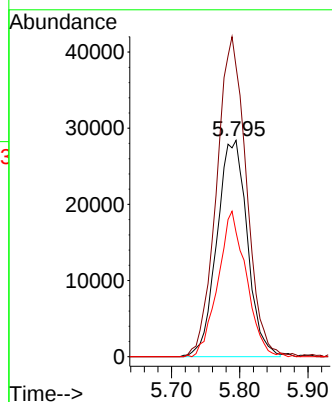
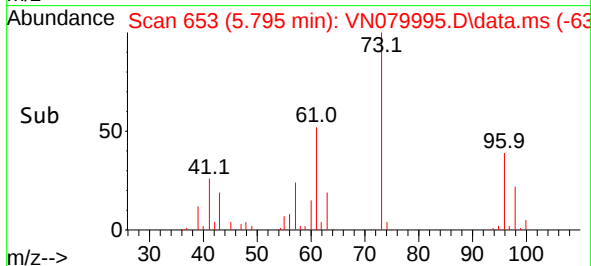
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



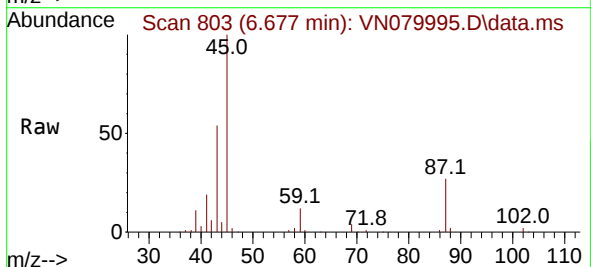
Tgt Ion: 96 Resp: 87970
Ion Ratio Lower Upper
96 100
61 134.1 113.4 170.0
98 57.6 50.4 75.6

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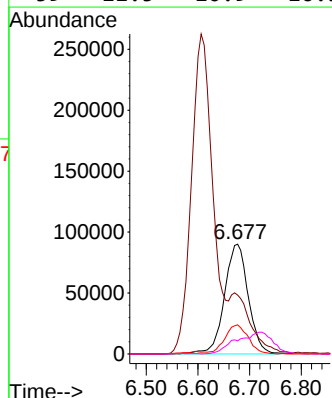
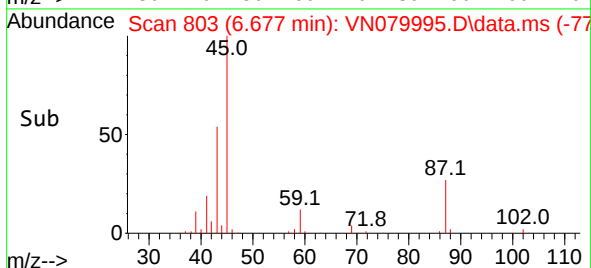
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

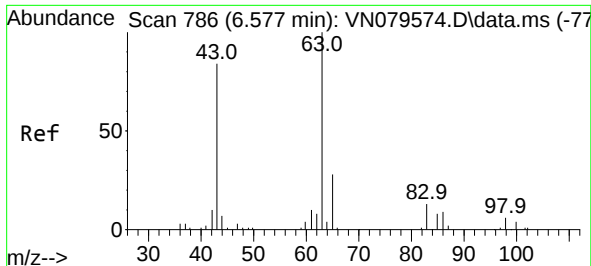


#20
Diisopropyl ether
Concen: 17.994 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59



Tgt Ion: 45 Resp: 287899
Ion Ratio Lower Upper
45 100
43 51.6 42.1 63.1
87 26.4 20.5 30.7
59 11.5 10.9 16.3





#21

1,1-Dichloroethane

Concen: 18.242 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 17422

Ion Ratio Lower Upper

63 100

98 7.4 2.8 8.4

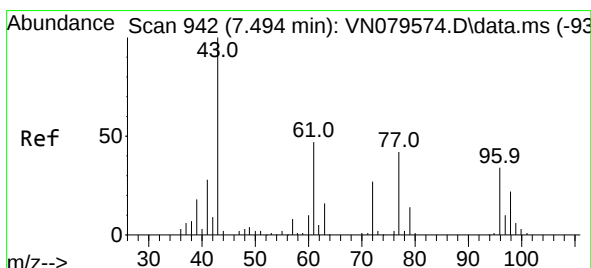
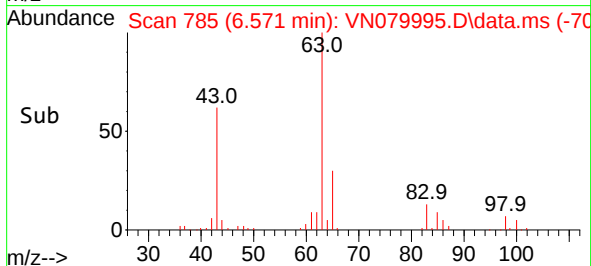
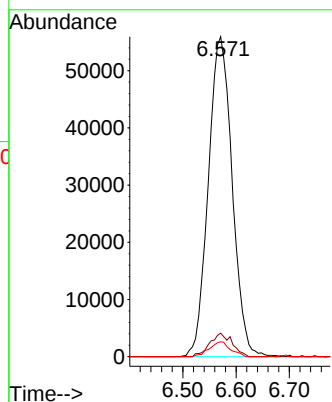
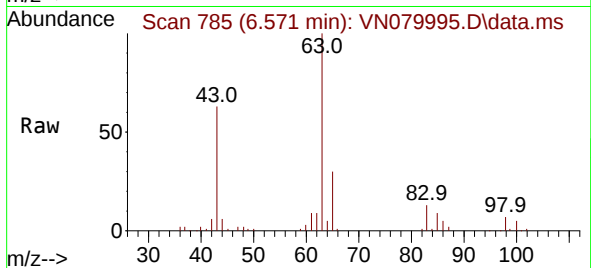
100 4.6 1.9 5.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#22

cis-1,2-Dichloroethene

Concen: 17.725 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

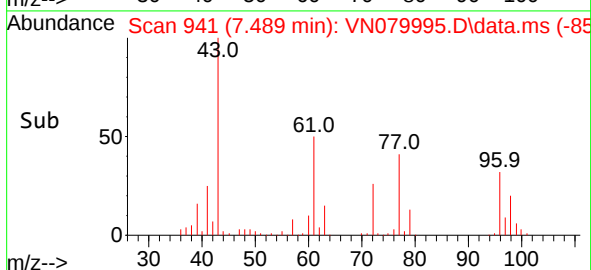
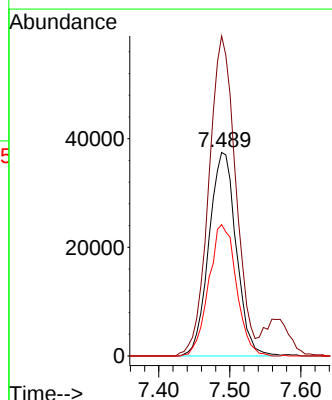
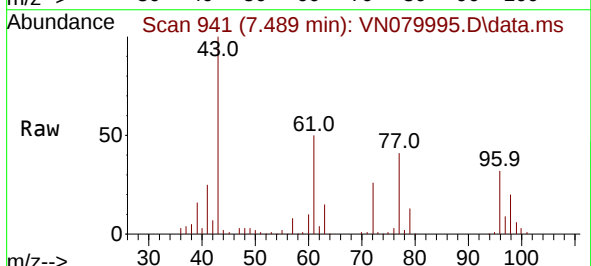
Tgt Ion: 96 Resp: 99898

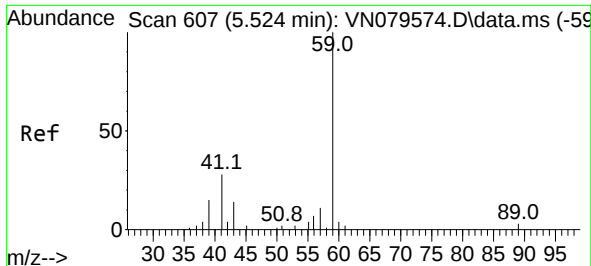
Ion Ratio Lower Upper

96 100

61 154.6 124.6 186.8

98 65.3 54.2 81.4





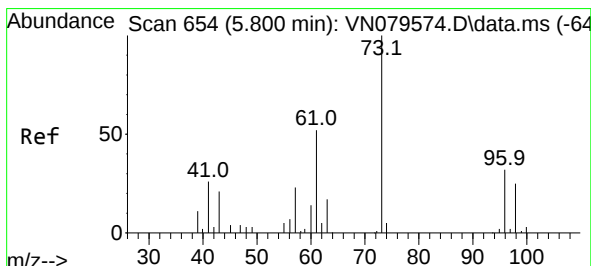
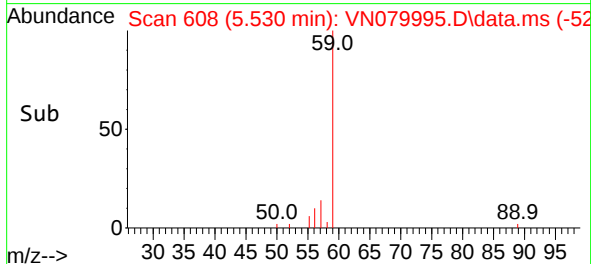
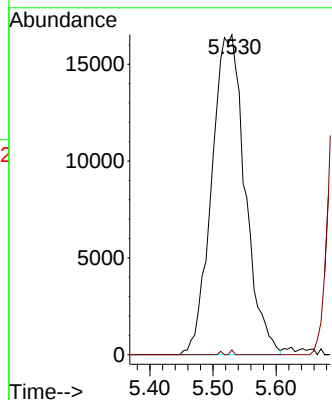
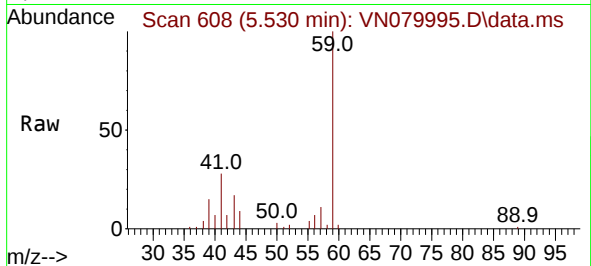
#23
tert-Butyl Alcohol
Concen: 93.127 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 60650
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

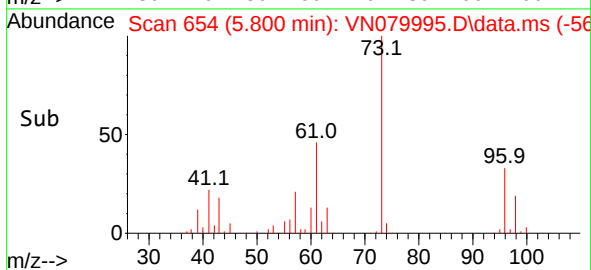
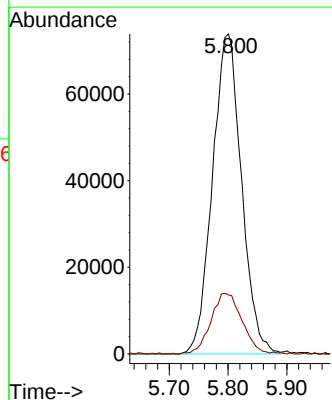
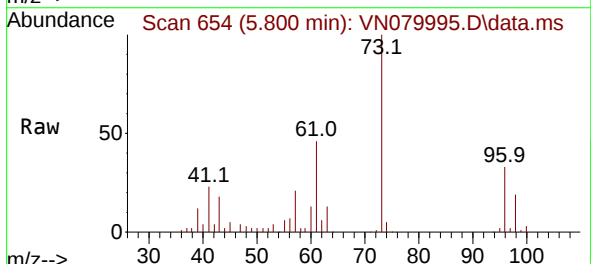
Manual Integrations
APPROVED

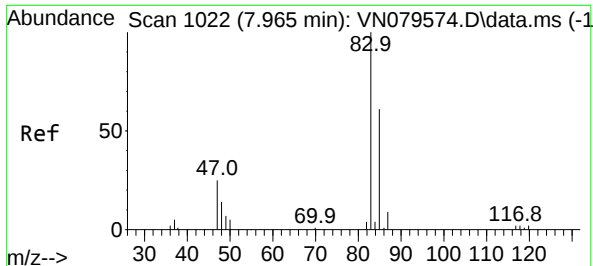
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#24
Methyl tert-Butyl Ether
Concen: 17.574 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 73 Resp: 253542
Ion Ratio Lower Upper
73 100
43 19.4 16.6 24.8





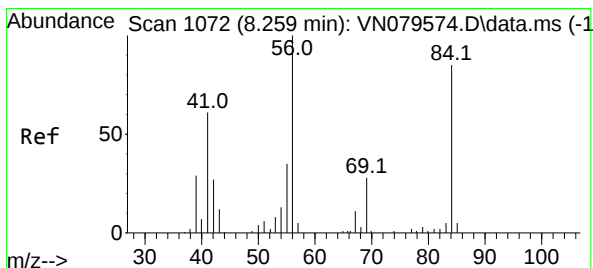
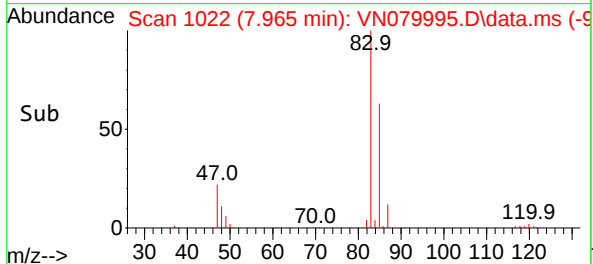
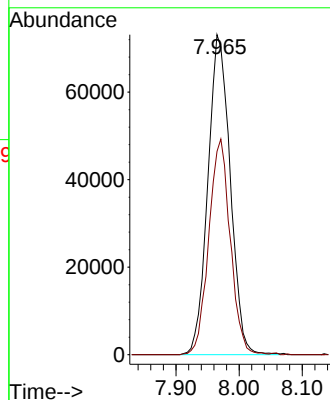
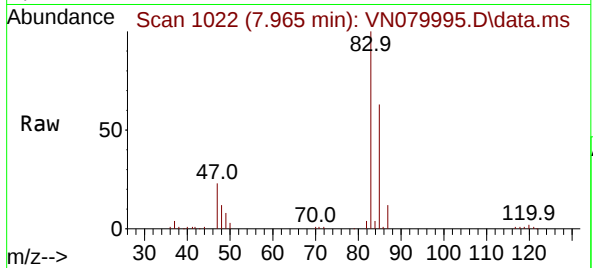
#25
Chloroform
Concen: 18.220 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 17961
Ion Ratio Lower Upper
83 100
85 63.5 47.4 71.2

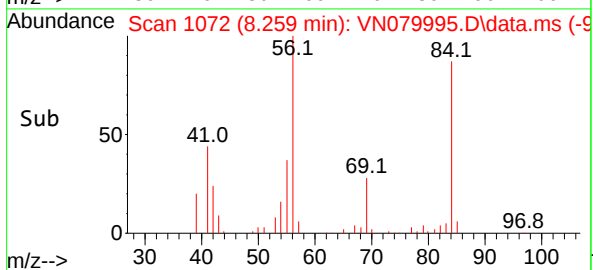
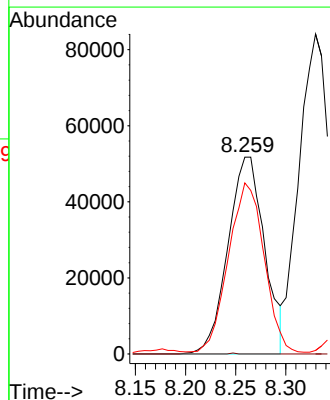
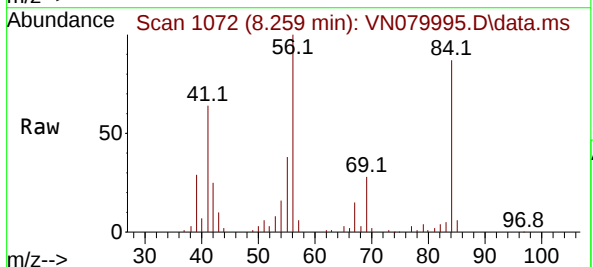
Manual Integrations
APPROVED

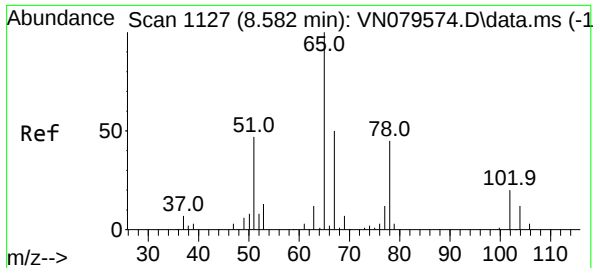
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#26
Cyclohexane
Concen: 17.465 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 56 Resp: 131219
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.6 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 30.433 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

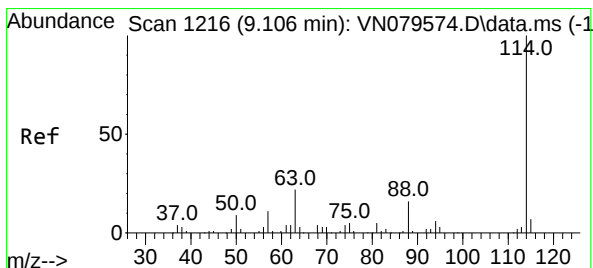
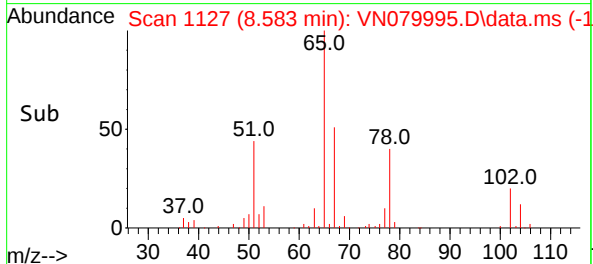
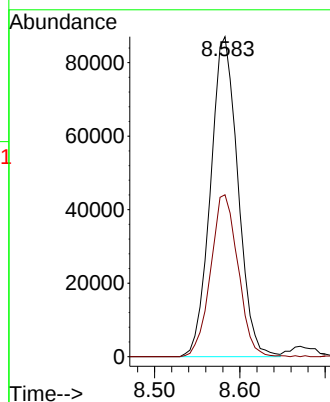
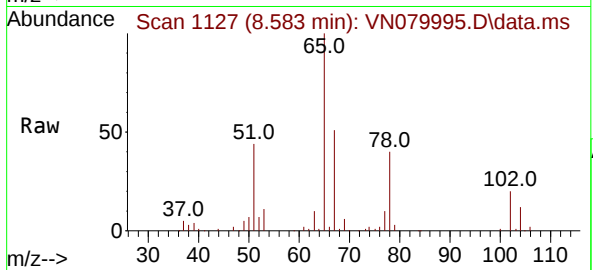
VSTDCCC020

Tgt Ion: 65 Resp: 19441
Ion Ratio Lower Upper
65 100
67 50.5 42.1 63.1

Manual Integrations

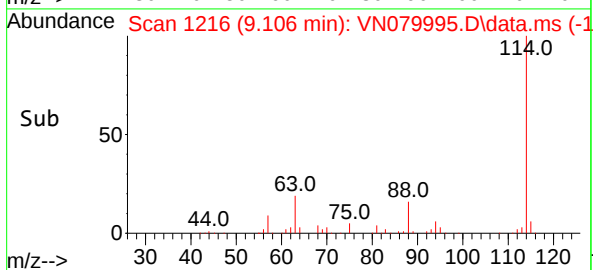
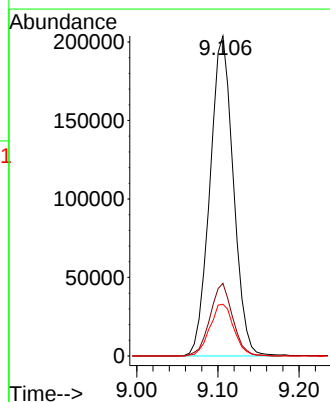
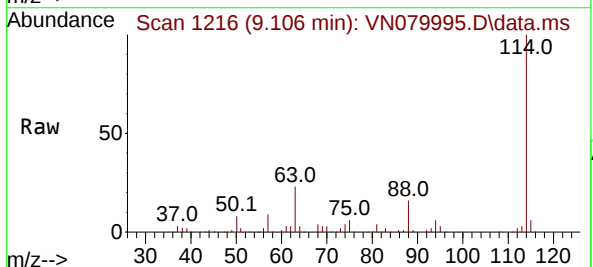
APPROVED

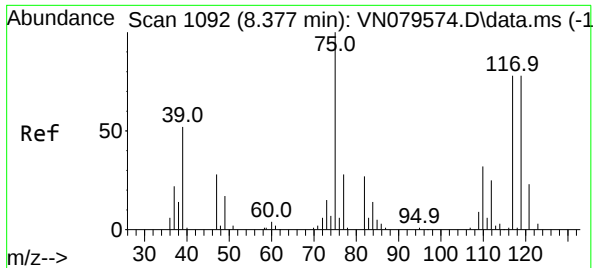
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion:114 Resp: 408899
Ion Ratio Lower Upper
114 100
63 21.8 18.1 27.1
88 16.5 12.2 18.2





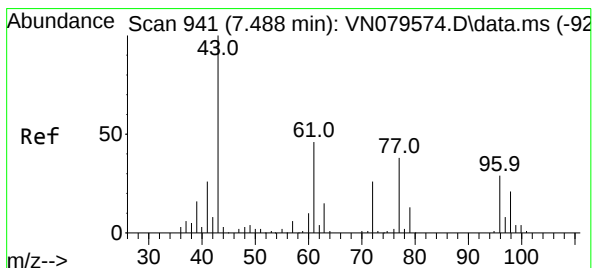
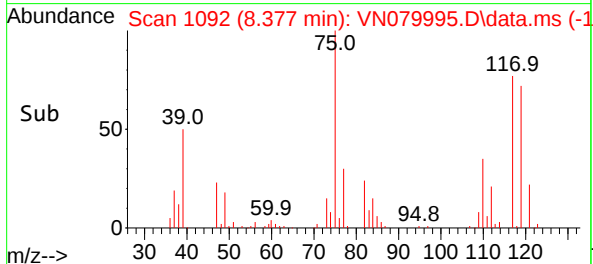
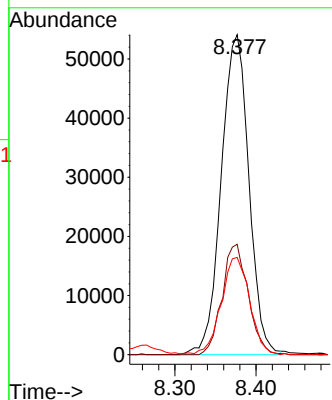
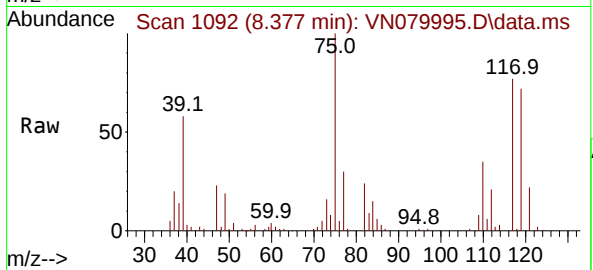
#29
1,1-Dichloropropene
Concen: 18.242 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 128019
Ion Ratio Lower Upper
75 100
110 32.6 0.0 66.8
77 31.1 0.0 61.2

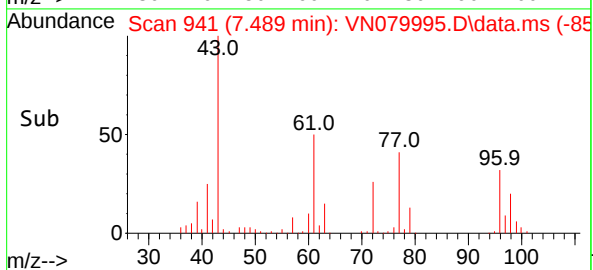
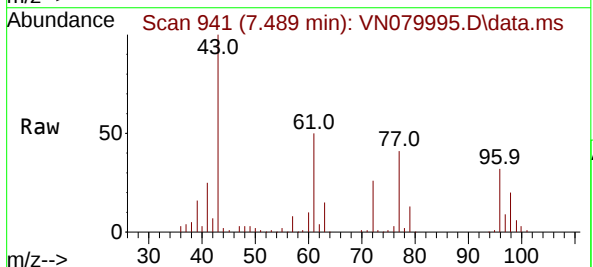
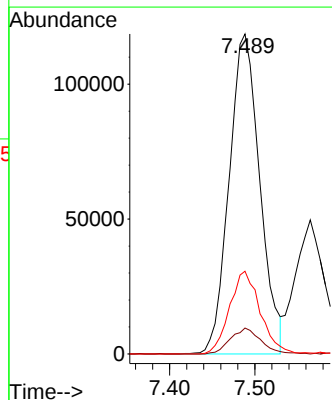
Manual Integrations
APPROVED

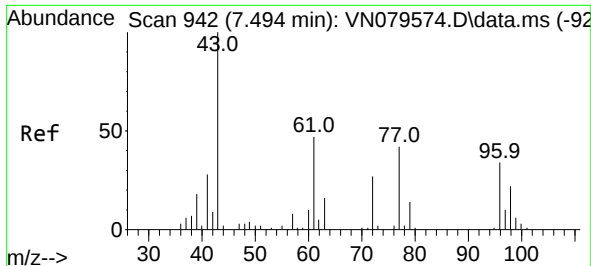
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#30
2-Butanone
Concen: 88.732 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 43 Resp: 297387
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 25.7 20.7 31.1





#31

2,2-Dichloropropane

Concen: 18.500 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 14032

Ion Ratio Lower Upper

77 100

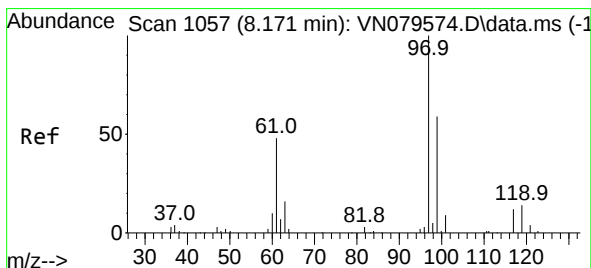
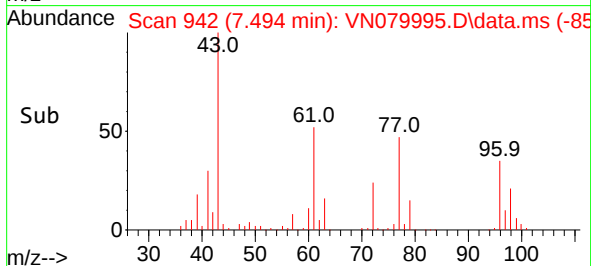
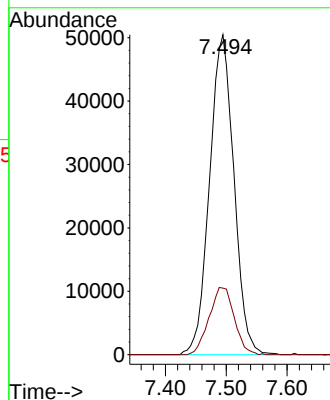
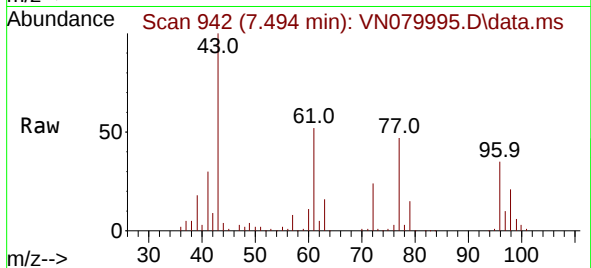
97 21.7 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#32

1,1,1-Trichloroethane

Concen: 18.966 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

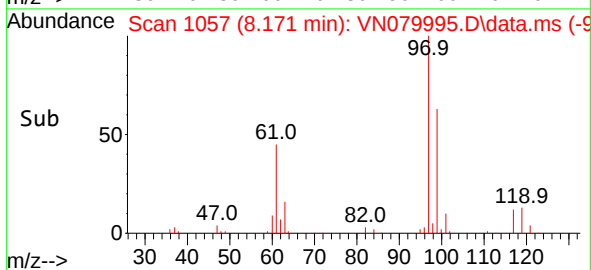
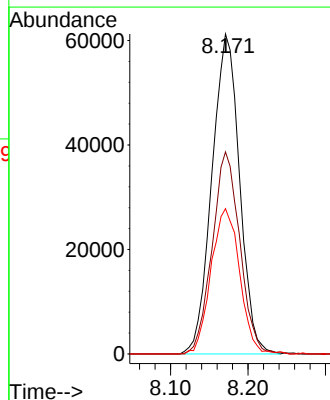
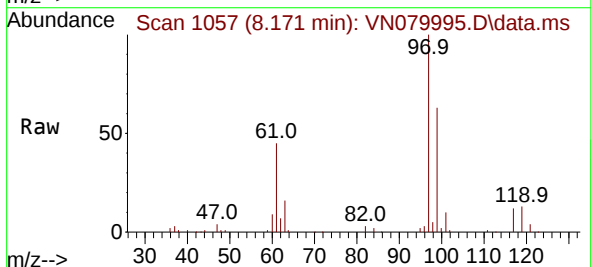
Tgt Ion: 97 Resp: 151947

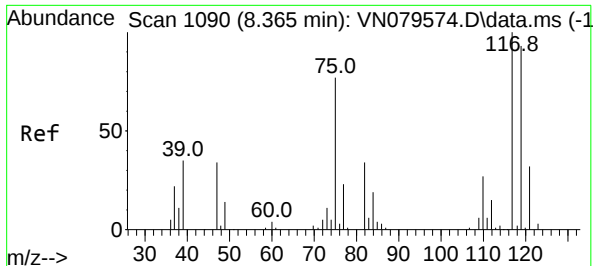
Ion Ratio Lower Upper

97 100

99 63.2 51.9 77.9

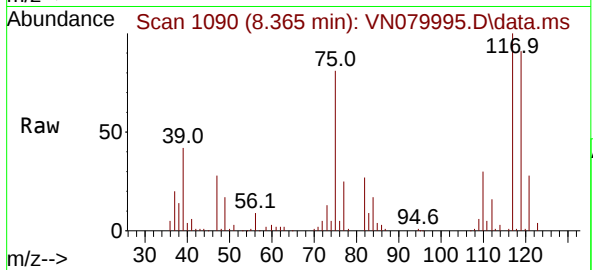
61 46.6 37.6 56.4





#33
Carbon Tetrachloride
Concen: 18.808 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

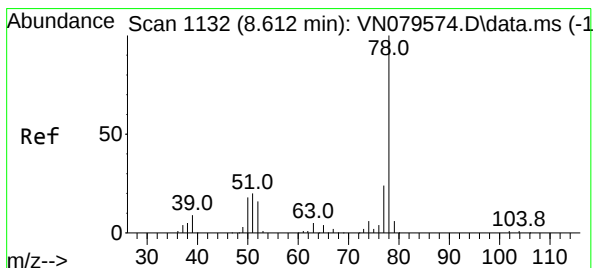
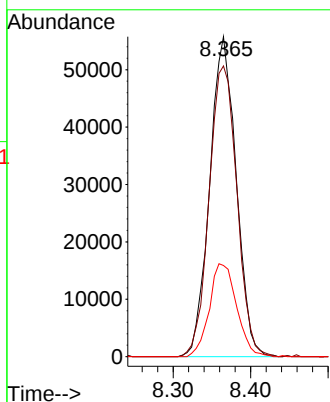
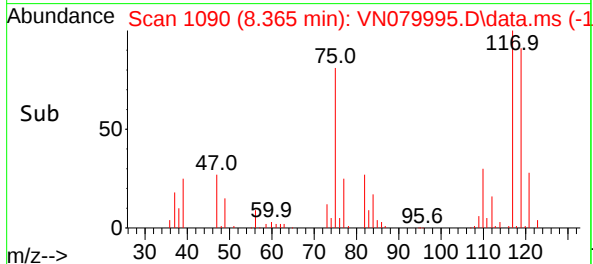
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



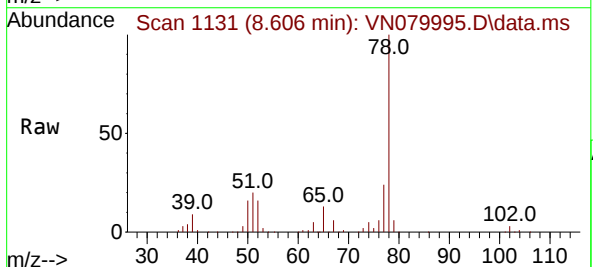
Tgt Ion:117 Resp: 132438
Ion Ratio Lower Upper
117 100
119 90.8 75.0 112.6
121 28.5 24.3 36.5

Manual Integrations
APPROVED

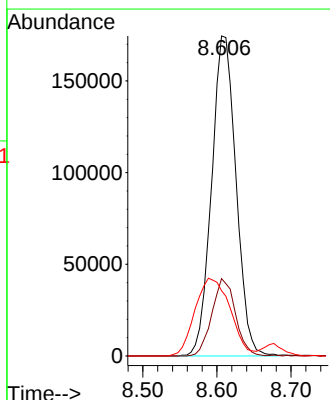
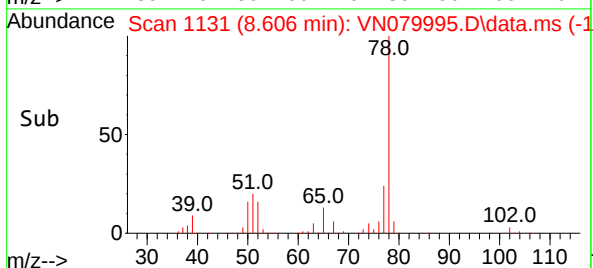
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

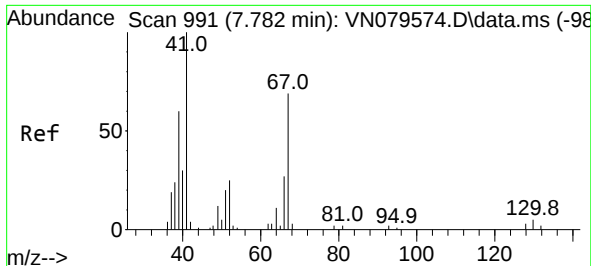


#34
Benzene
Concen: 19.182 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59



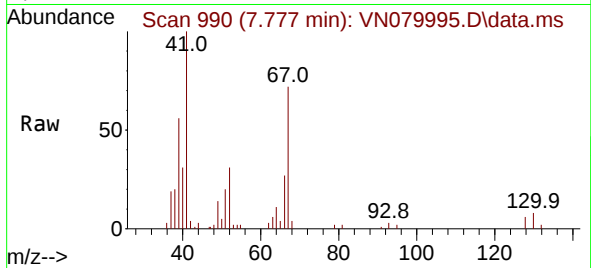
Tgt Ion: 78 Resp: 399886
Ion Ratio Lower Upper
78 100
77 24.2 19.7 29.5
51 19.4 15.8 23.6





#35
Methacrylonitrile
Concen: 17.533 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

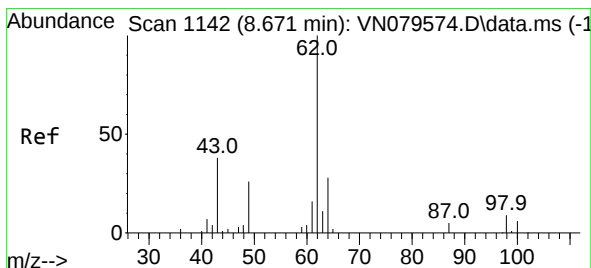
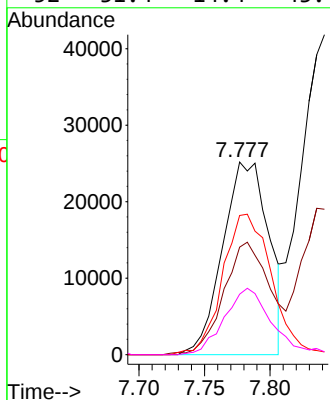
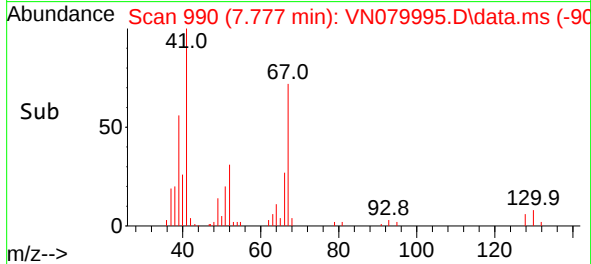
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 61608
Ion Ratio Lower Upper
41 100
39 54.7 26.3 78.8
67 71.1 37.5 112.3
52 31.4 14.4 43.4

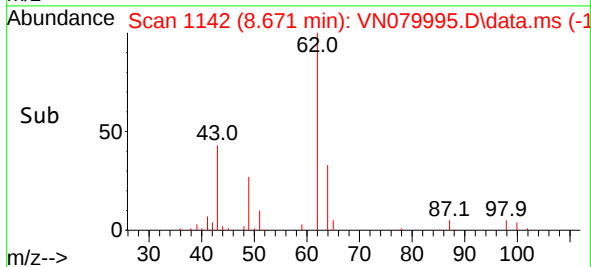
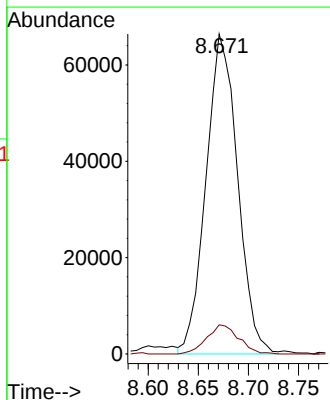
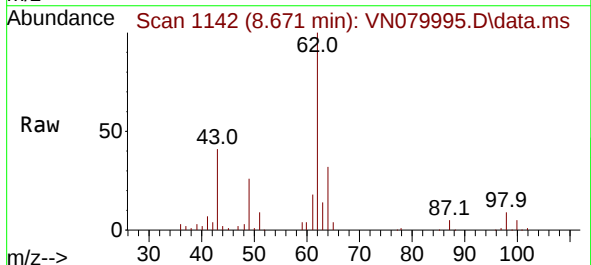
Manual Integrations
APPROVED

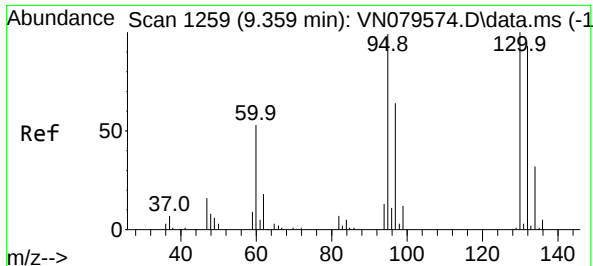
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#36
1,2-Dichloroethane
Concen: 19.287 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

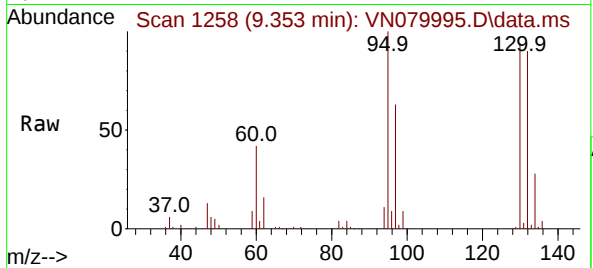
Tgt Ion: 62 Resp: 145518
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8





#37
Trichloroethene
Concen: 18.840 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

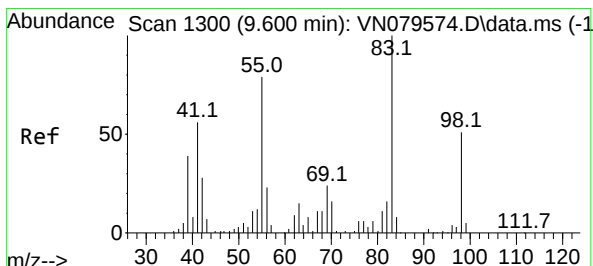
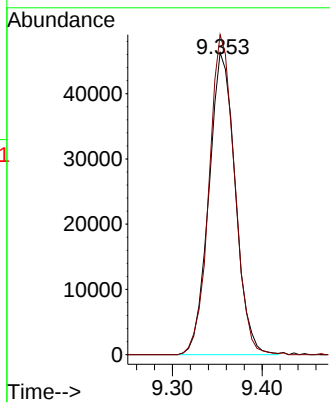
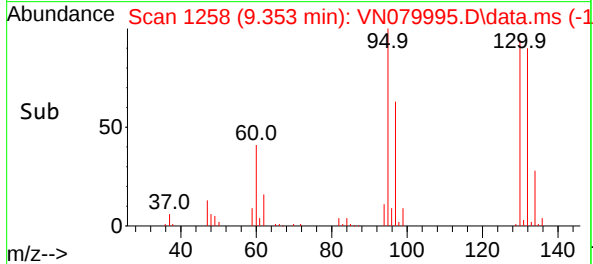
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



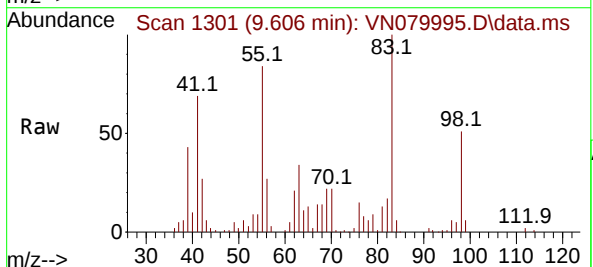
Tgt Ion:130 Resp: 94450
Ion Ratio Lower Upper
130 100
95 105.9 81.2 121.8

Manual Integrations
APPROVED

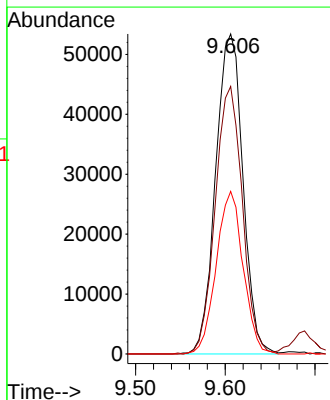
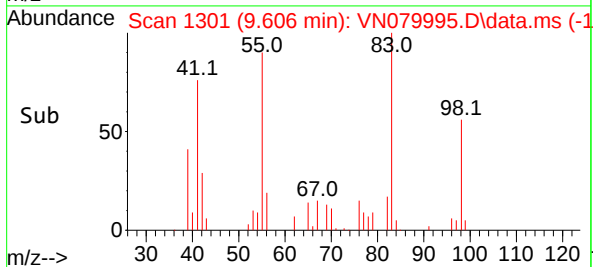
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

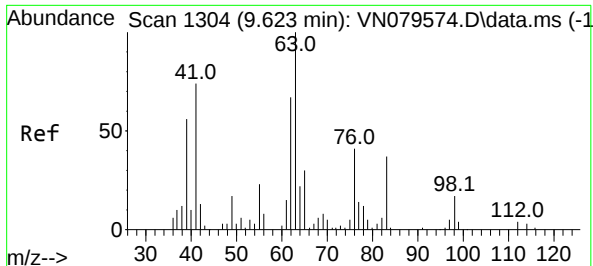


#38
Methylcyclohexane
Concen: 17.112 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59



Tgt Ion: 83 Resp: 112759
Ion Ratio Lower Upper
83 100
55 83.2 39.7 119.1
98 50.1 24.4 73.2





#39

1,2-Dichloropropane

Concen: 18.865 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 10409

Ion Ratio Lower Upper

63 100

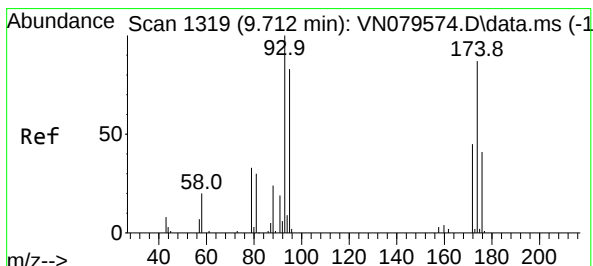
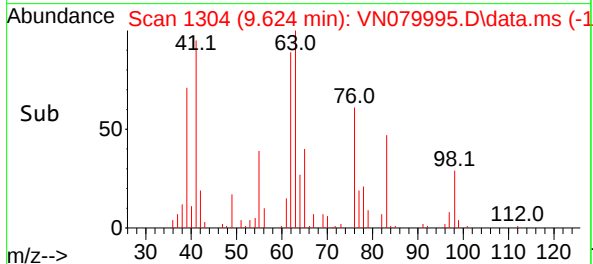
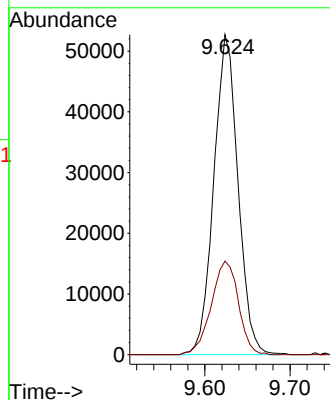
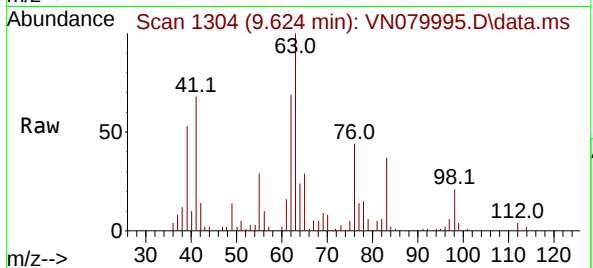
65 29.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#40

Dibromomethane

Concen: 19.115 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

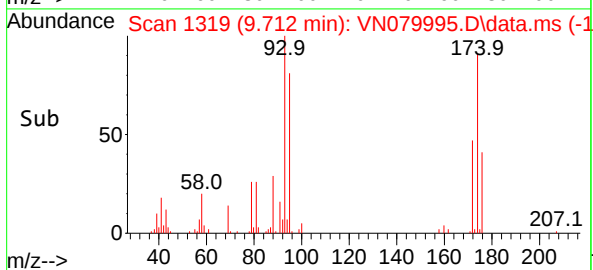
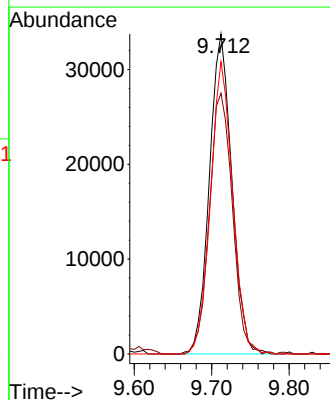
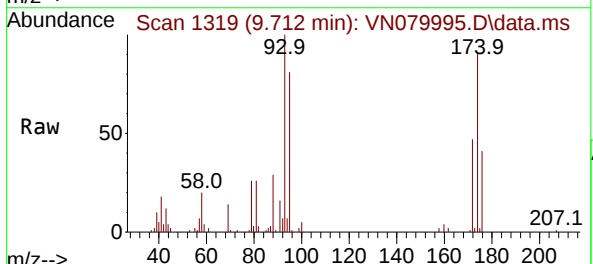
Tgt Ion: 93 Resp: 68176

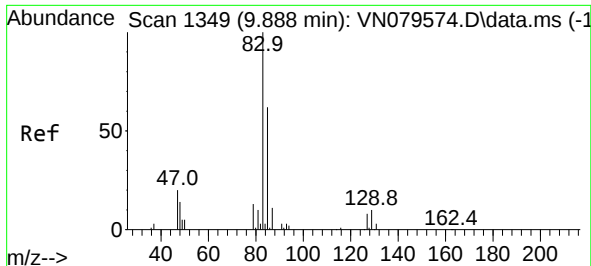
Ion Ratio Lower Upper

93 100

95 83.1 0.0 166.6

174 89.7 0.0 171.0





#41
Bromodichloromethane
Concen: 18.743 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

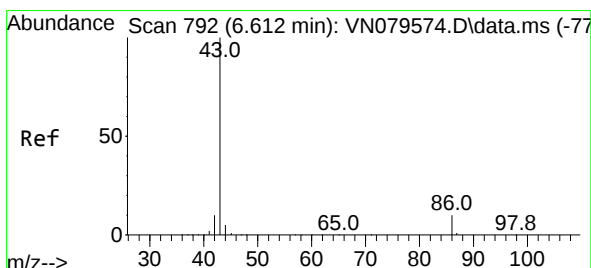
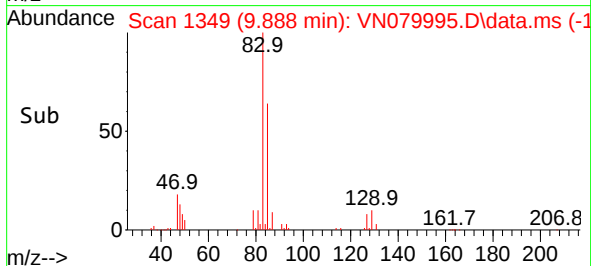
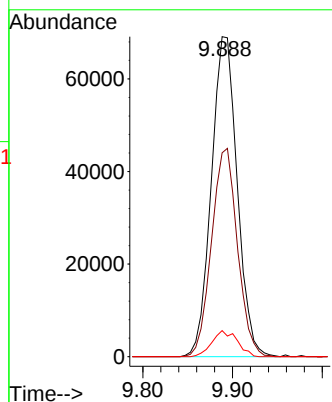
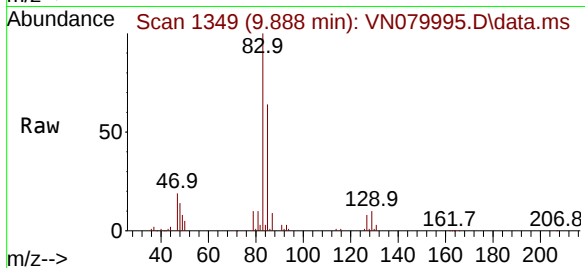
VSTDCCC020

Tgt Ion: 83 Resp: 13845
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5
127 8.2 6.8 10.2

Manual Integrations

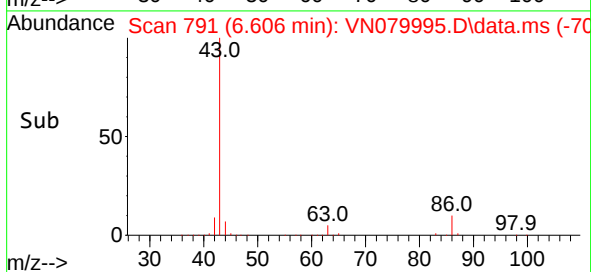
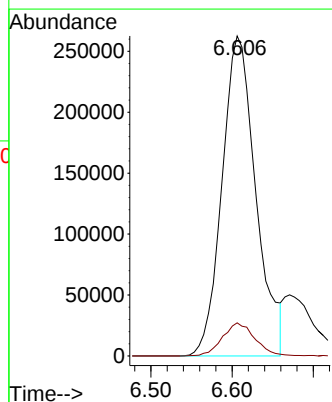
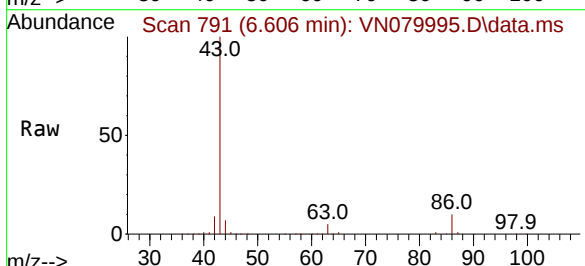
APPROVED

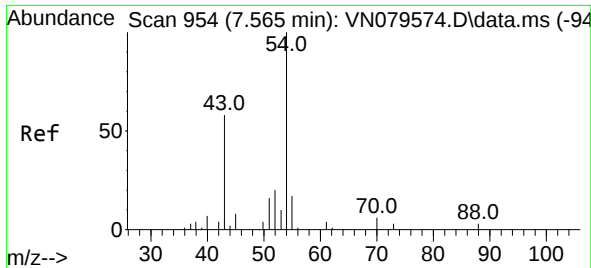
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#42
Vinyl Acetate
Concen: 91.386 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 43 Resp: 760772
Ion Ratio Lower Upper
43 100
86 9.9 8.2 12.2





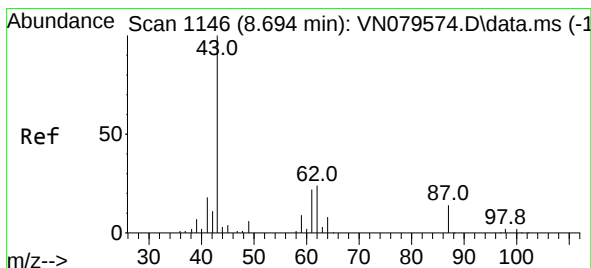
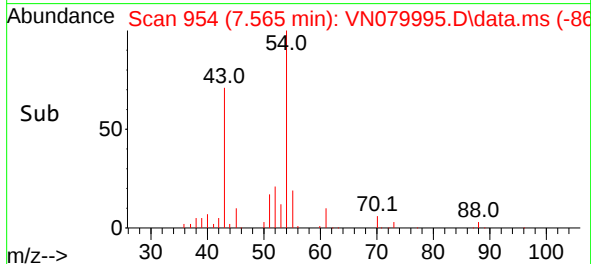
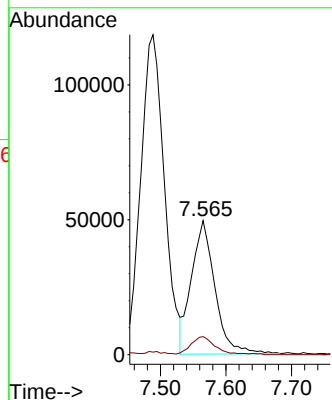
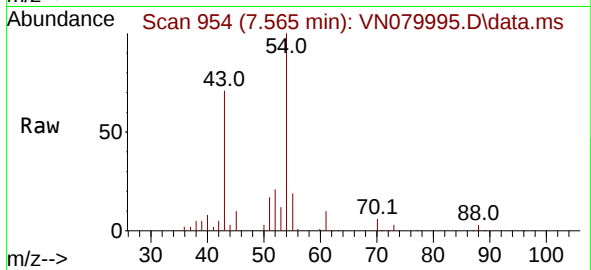
#43
Ethyl Acetate
Concen: 19.624 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 123549
Ion Ratio Lower Upper
43 100
45 13.6 11.8 17.8

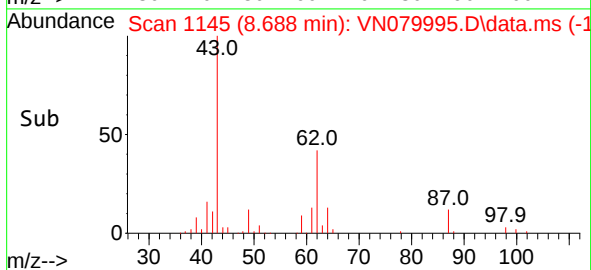
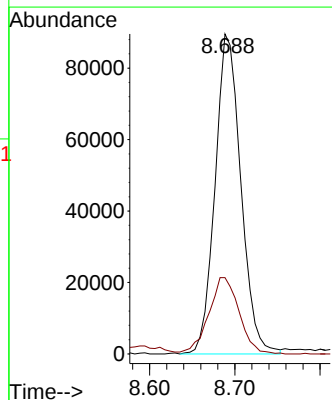
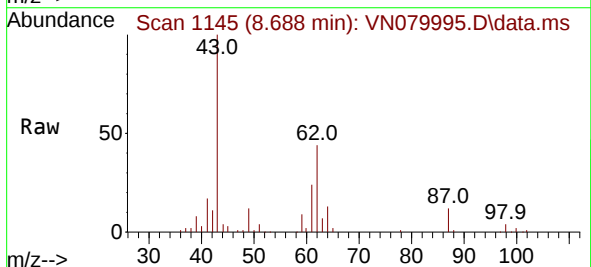
Manual Integrations
APPROVED

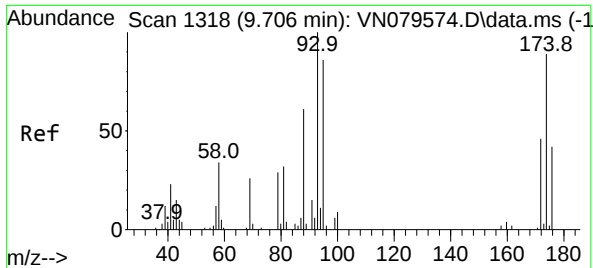
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#44
Isopropyl Acetate
Concen: 18.368 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 43 Resp: 188430
Ion Ratio Lower Upper
43 100
61 28.2 20.3 30.5





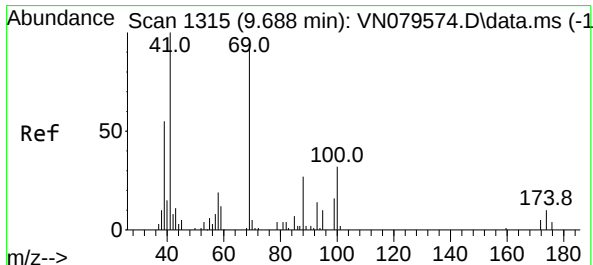
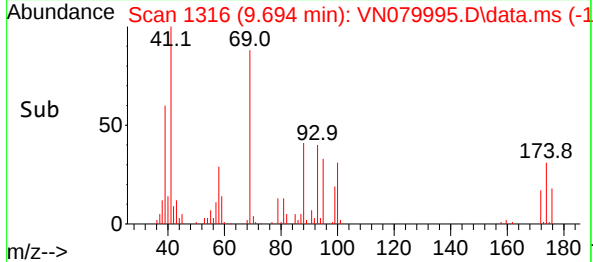
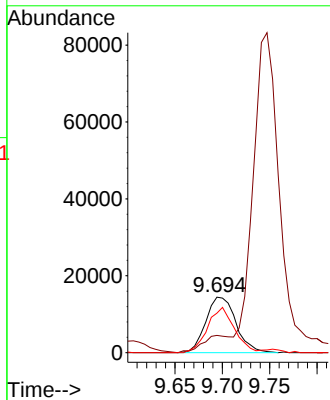
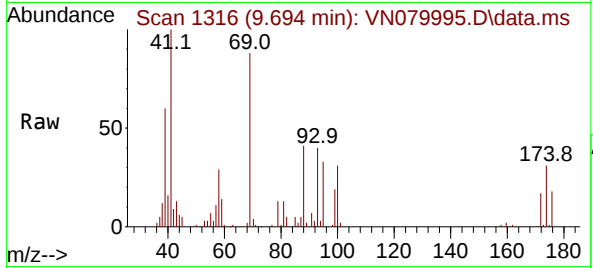
#45
1,4-Dioxane
Concen: 404.850 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.012 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 3200
Ion Ratio Lower Upper
88 100
43 31.1 28.7 43.1
58 72.3 56.9 85.3

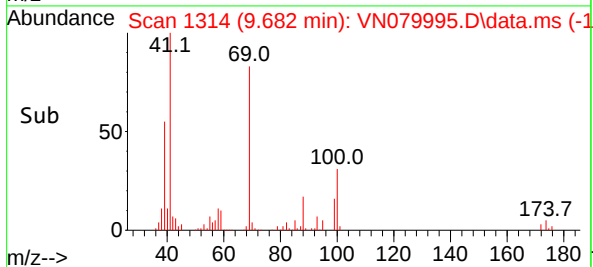
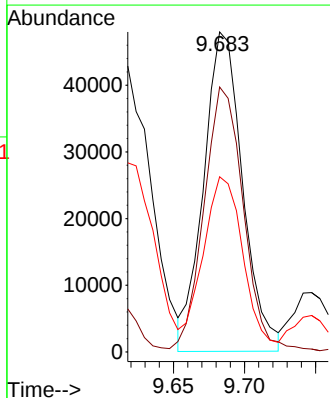
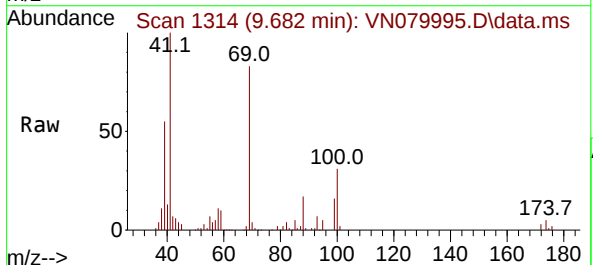
Manual Integrations
APPROVED

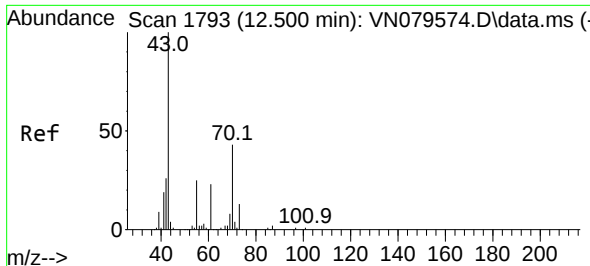
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#46
Methyl methacrylate
Concen: 18.565 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

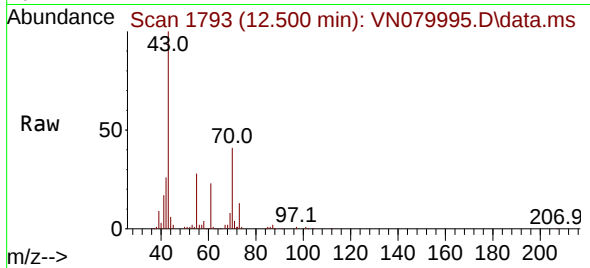
Tgt Ion: 41 Resp: 91552
Ion Ratio Lower Upper
41 100
69 84.7 40.0 119.9
39 55.0 31.1 93.3





#47
n-amy1 Acetate
Concen: 17.980 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

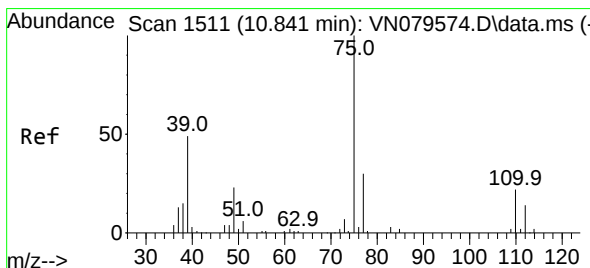
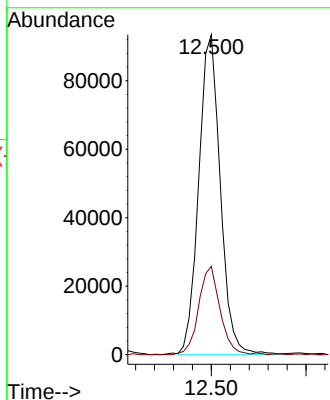
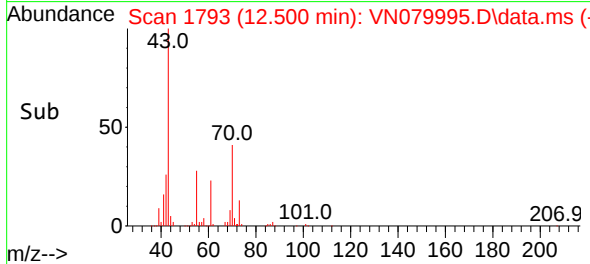
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 14816
Ion Ratio Lower Upper
43 100
55 27.2 20.7 31.1

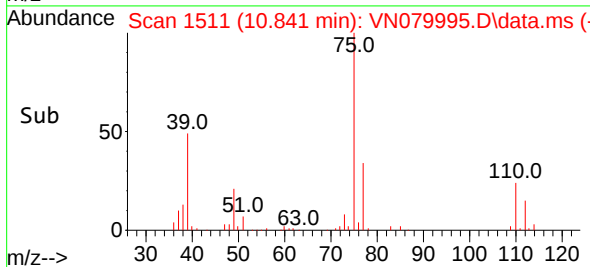
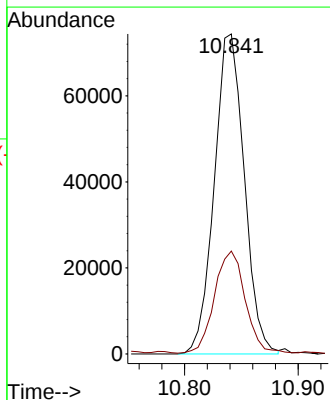
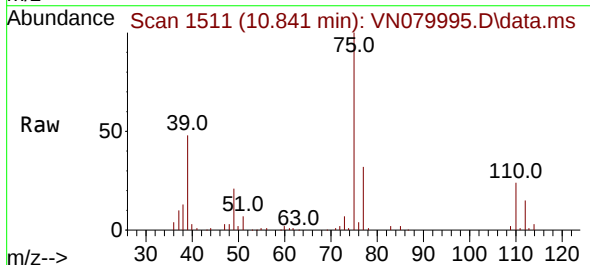
Manual Integrations
APPROVED

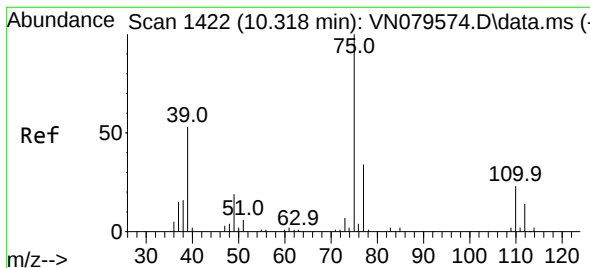
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#48
t-1,3-Dichloropropene
Concen: 18.075 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

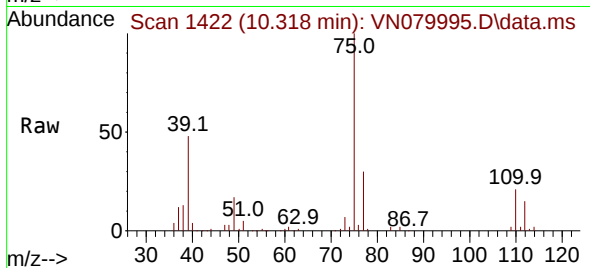
Tgt Ion: 75 Resp: 136364
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 18.415 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079995.D
 Acq: 08 Nov 2023 16:59

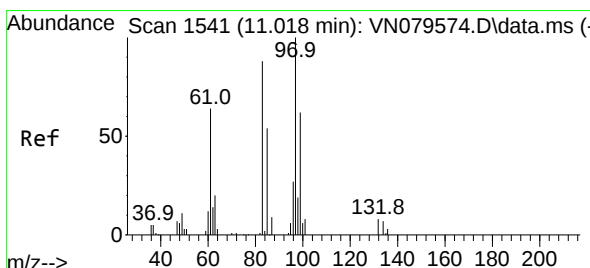
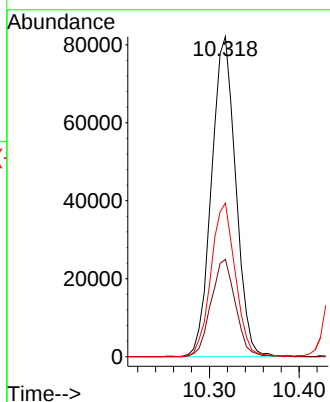
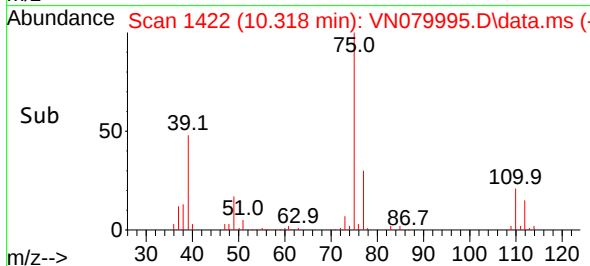
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 153578
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.6
 39 48.0 42.4 63.6

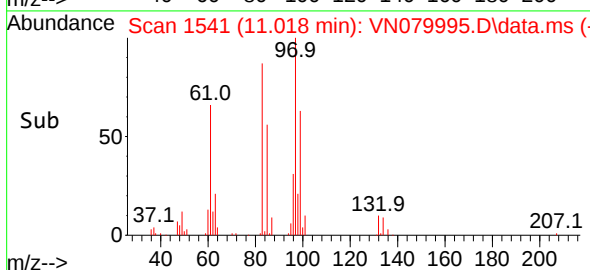
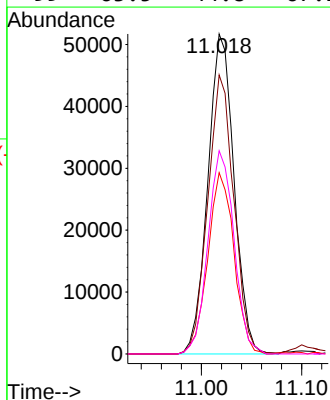
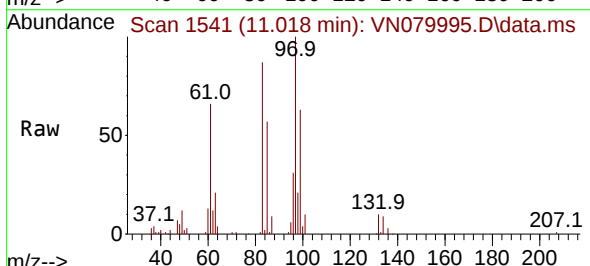
Manual Integrations
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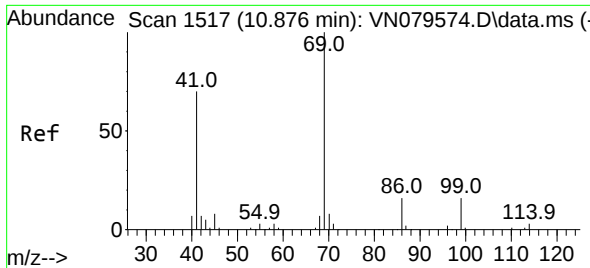
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.311 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN079995.D
 Acq: 08 Nov 2023 16:59

Tgt Ion: 97 Resp: 93954
 Ion Ratio Lower Upper
 97 100
 83 87.2 68.2 102.4
 85 56.7 42.9 64.3
 99 63.5 44.8 67.2





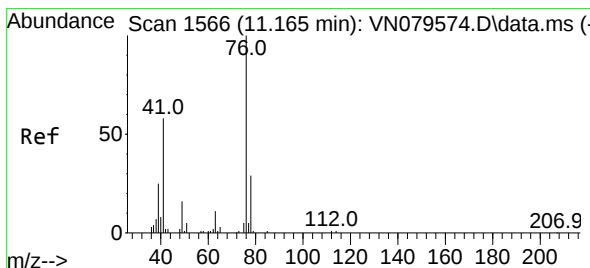
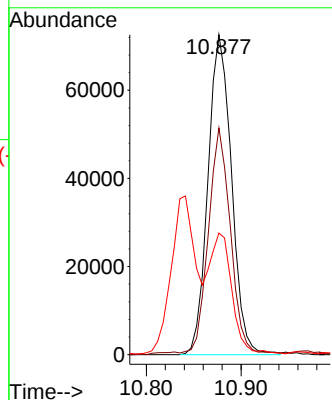
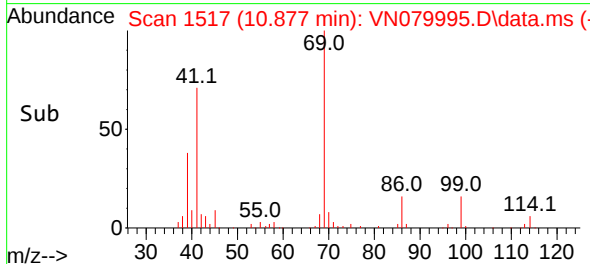
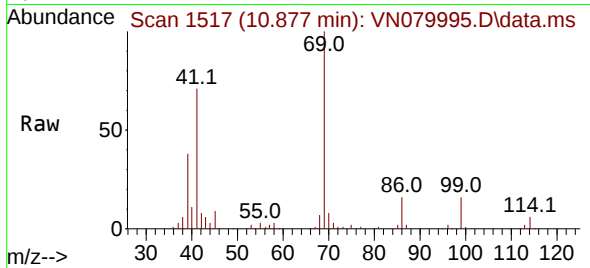
#51
Ethyl methacrylate
Concen: 17.948 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 125512
Ion Ratio Lower Upper
69 100
41 70.3 33.8 101.3
39 37.5 21.3 63.9

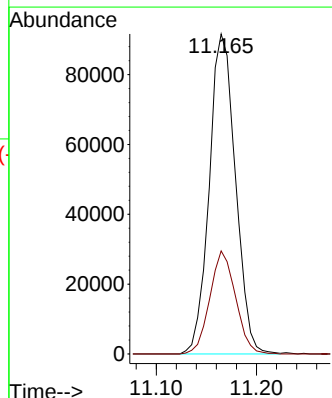
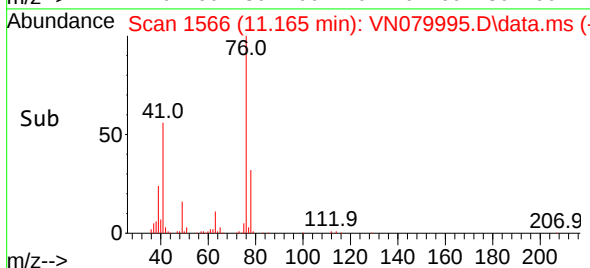
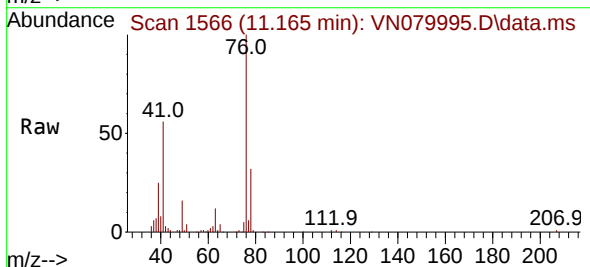
Manual Integrations
APPROVED

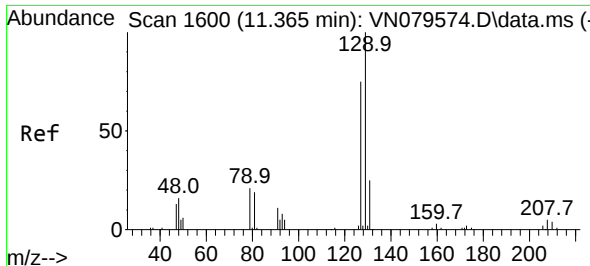
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#52
1,3-Dichloropropane
Concen: 19.102 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 76 Resp: 166157
Ion Ratio Lower Upper
76 100
78 31.6 0.0 64.0





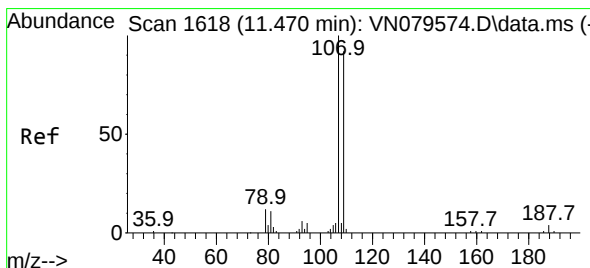
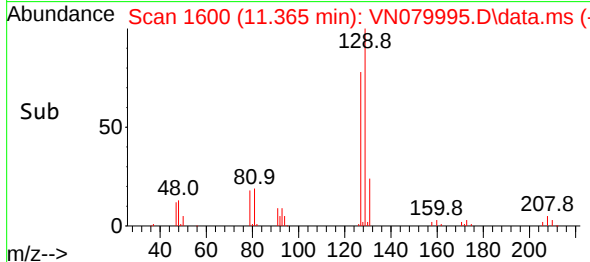
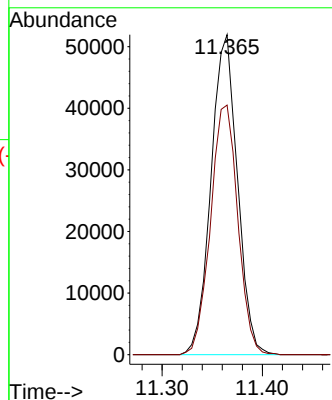
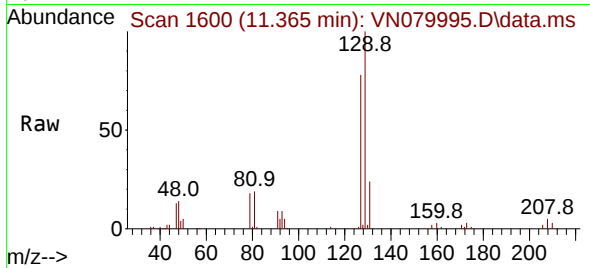
#53
Dibromochloromethane
Concen: 18.289 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 9519
Ion Ratio Lower Upper
129 100
127 80.3 38.8 116.3

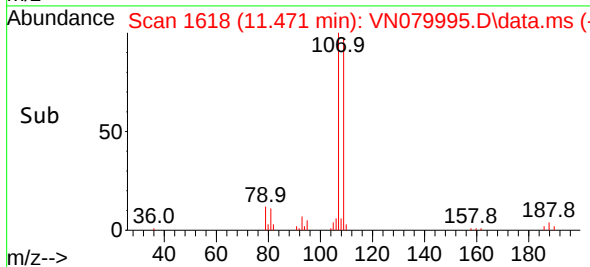
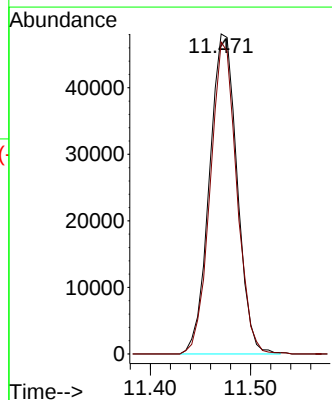
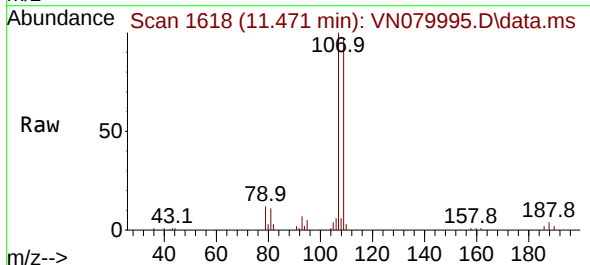
Manual Integrations
APPROVED

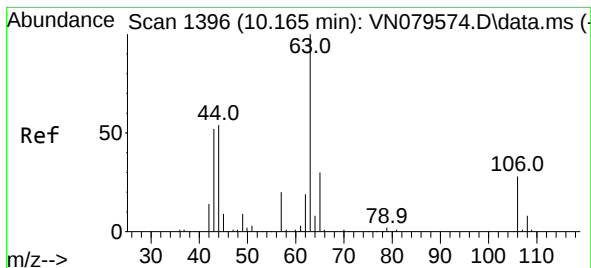
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#54
1,2-Dibromoethane
Concen: 18.873 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion:107 Resp: 92203
Ion Ratio Lower Upper
107 100
109 93.4 73.2 109.8





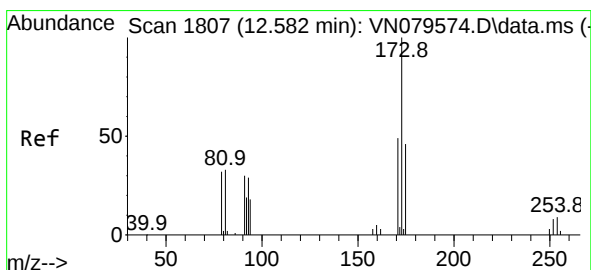
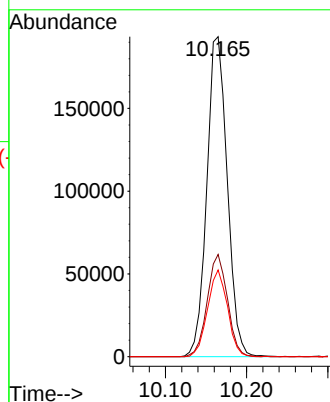
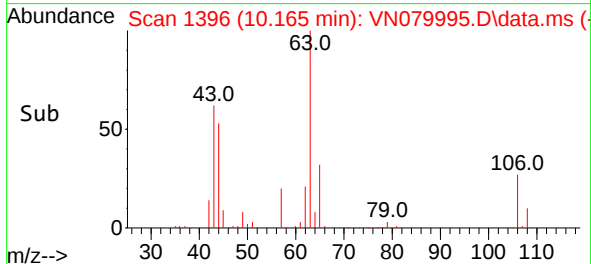
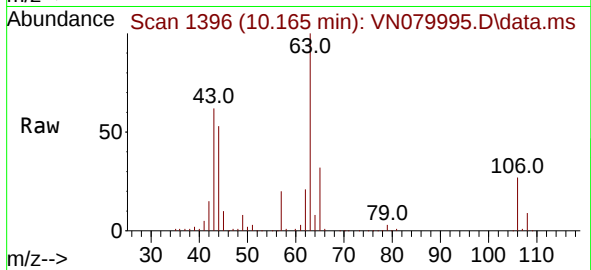
#55
2-Chloroethyl vinyl ether
Concen: 105.081 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 33797
Ion Ratio Lower Upper
63 100
65 31.6 25.9 38.9
106 26.4 20.6 30.8

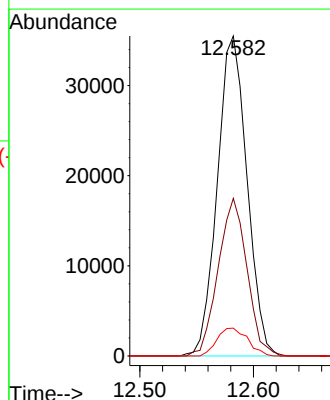
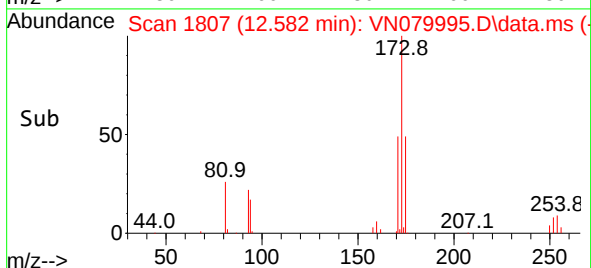
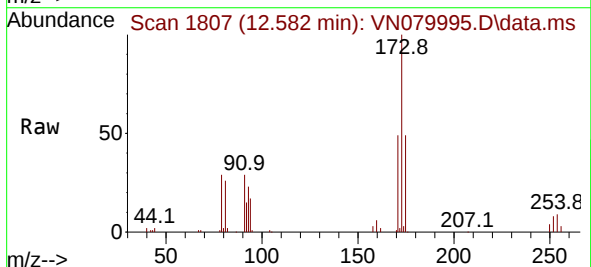
Manual Integrations
APPROVED

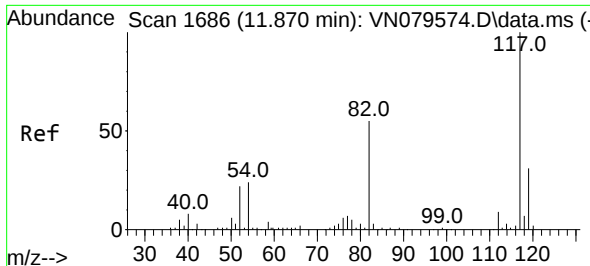
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#56
Bromoform
Concen: 18.895 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

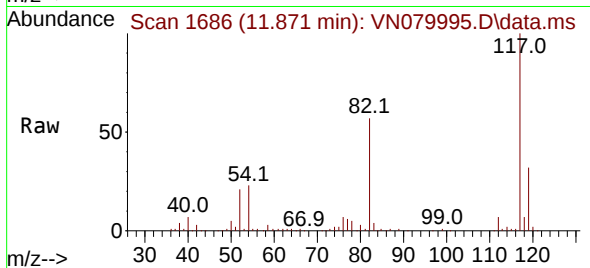
Tgt Ion:173 Resp: 64445
Ion Ratio Lower Upper
173 100
175 47.8 37.9 56.9
254 9.0 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

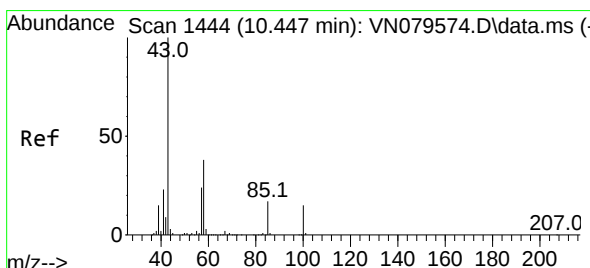
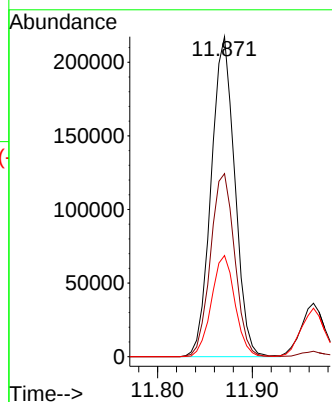
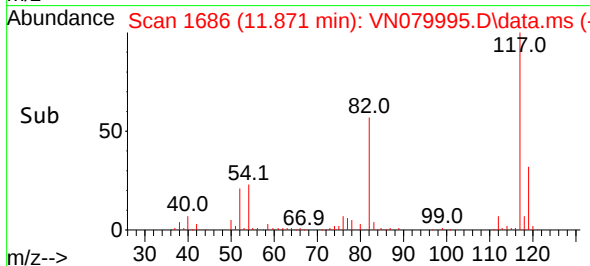
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



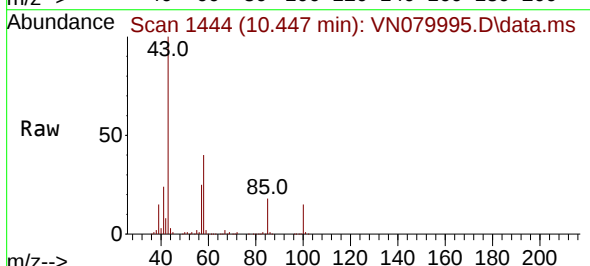
Tgt Ion:117 Resp: 376129
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.2
119 31.4 25.2 37.8

Manual Integrations
APPROVED

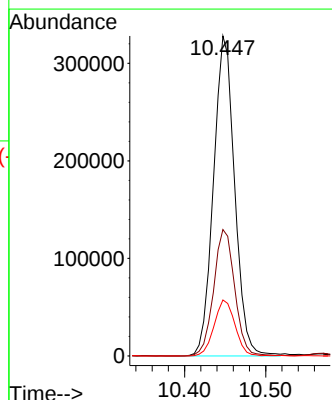
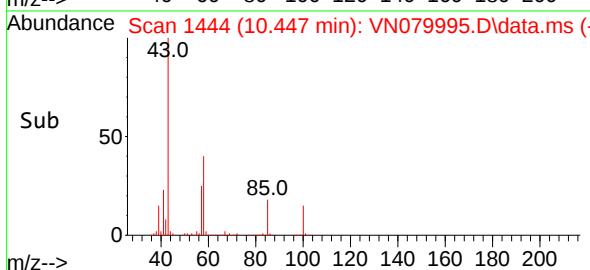
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

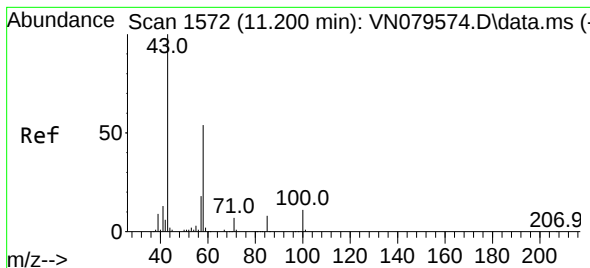


#58
4-Methyl-2-Pentanone
Concen: 94.683 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59



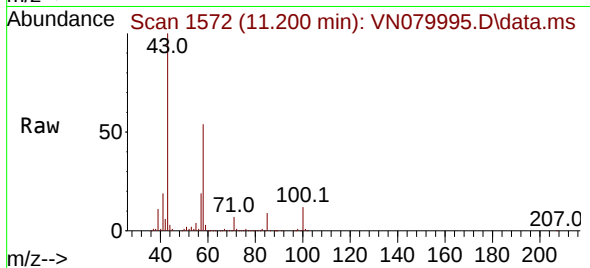
Tgt Ion: 43 Resp: 594973
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6
85 17.2 13.2 19.8





#59
2-Hexanone
Concen: 91.225 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

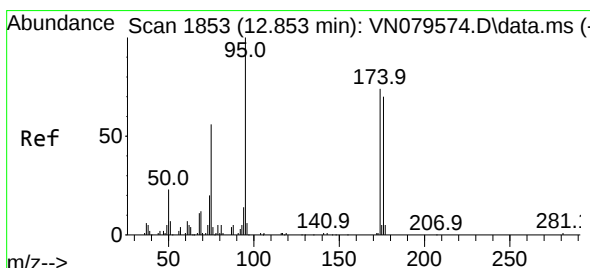
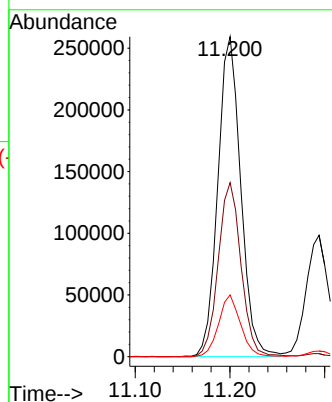
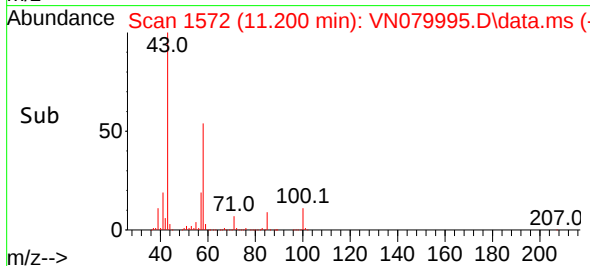
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 436678
Ion Ratio Lower Upper
43 100
58 54.1 42.3 63.5
57 18.5 13.9 20.9

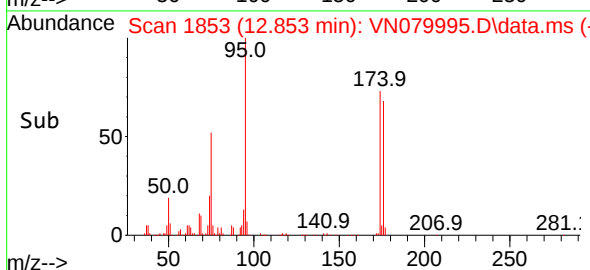
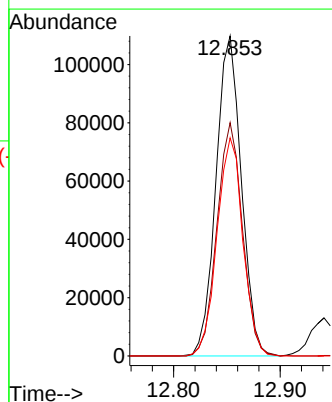
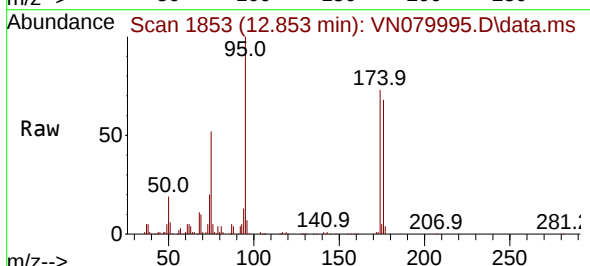
Manual Integrations
APPROVED

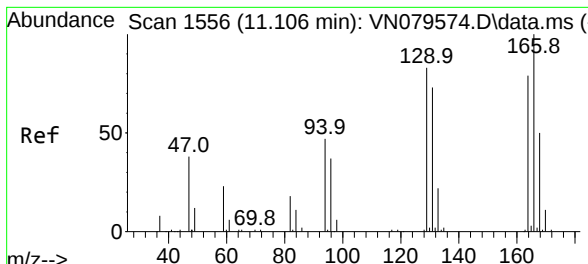
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#60
4-Bromofluorobenzene
Concen: 30.227 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

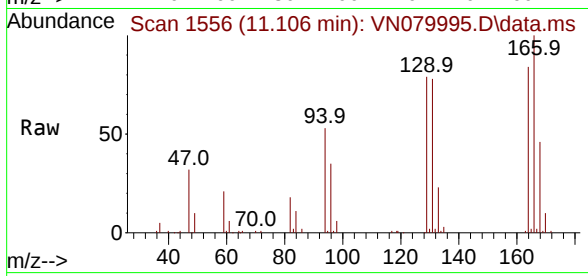
Tgt Ion: 95 Resp: 181809
Ion Ratio Lower Upper
95 100
174 73.0 60.5 90.7
176 69.4 57.2 85.8





#61
 Tetrachloroethene
 Concen: 19.746 ug/l
 RT: 11.106 min Scan# 1556
 Delta R.T. -0.000 min
 Lab File: VN079995.D
 Acq: 08 Nov 2023 16:59

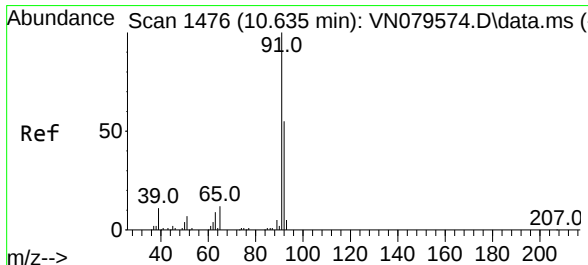
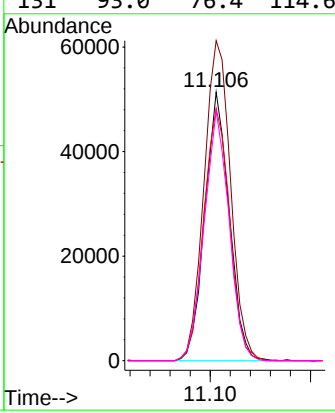
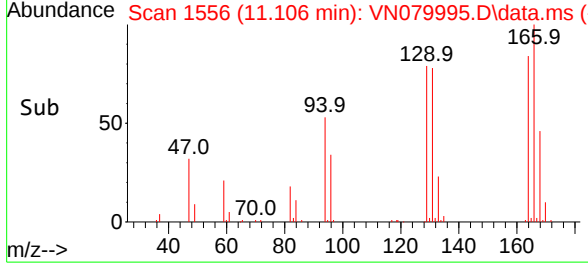
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020



Tgt Ion: 164 Resp: 87074

Ion	Ratio	Lower	Upper
164	100		
166	119.2	98.2	147.4
129	93.9	75.0	112.4
131	93.0	76.4	114.6

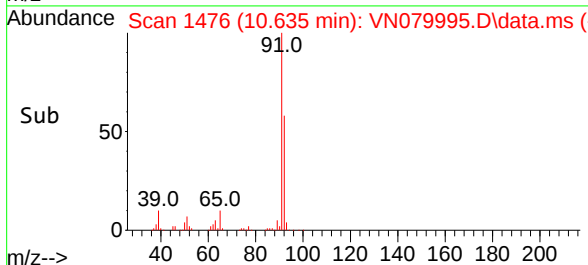
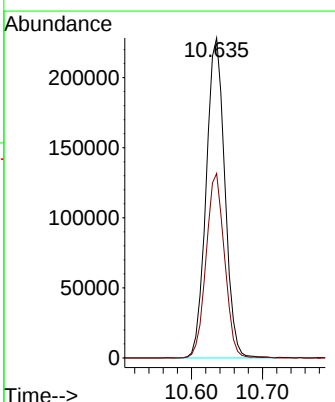
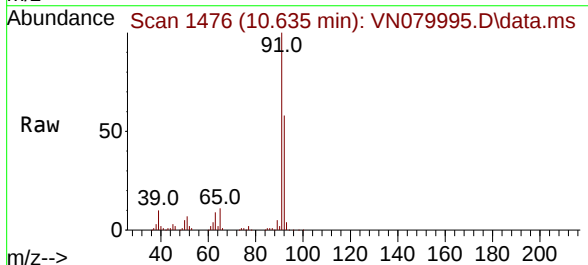
Manual Integrations
APPROVED
 Reviewed By : John Carlone 11/09/2023
 Supervised By : Semsettin Yesilyurt 11/09/2023

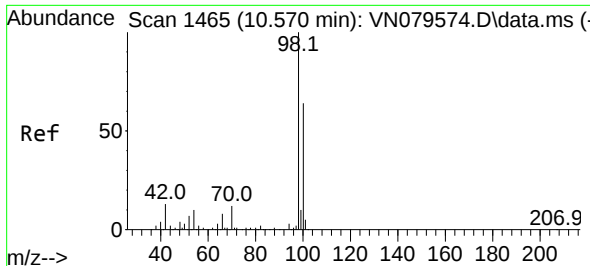


#62
 Toluene
 Concen: 19.083 ug/l
 RT: 10.635 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VN079995.D
 Acq: 08 Nov 2023 16:59

Tgt Ion: 91 Resp: 415144

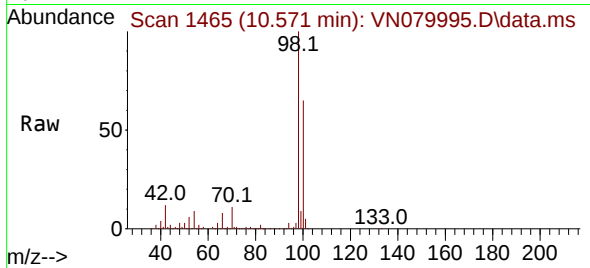
Ion	Ratio	Lower	Upper
91	100		
92	57.0	45.3	67.9





#63
Toluene-d8
Concen: 30.538 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

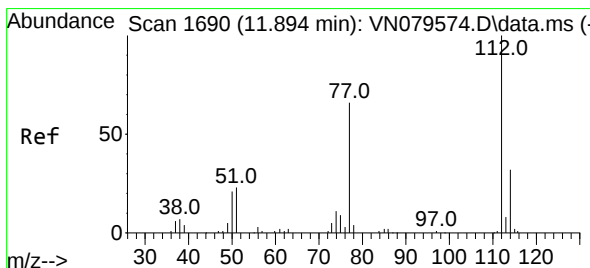
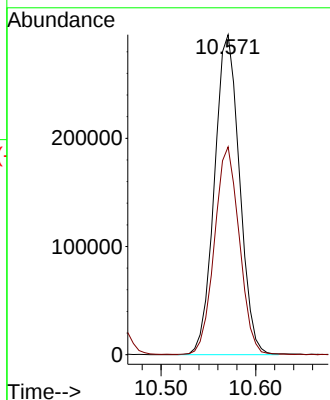
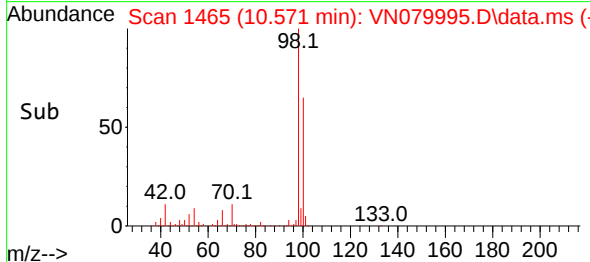
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 544249
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4

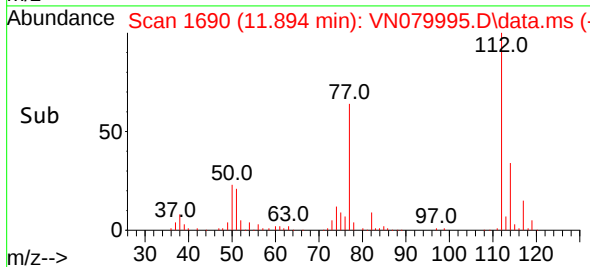
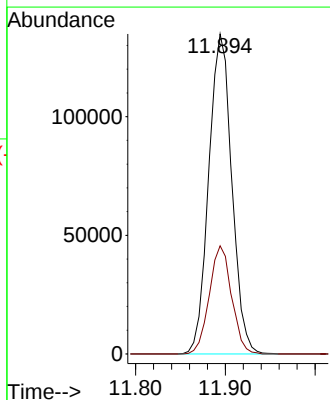
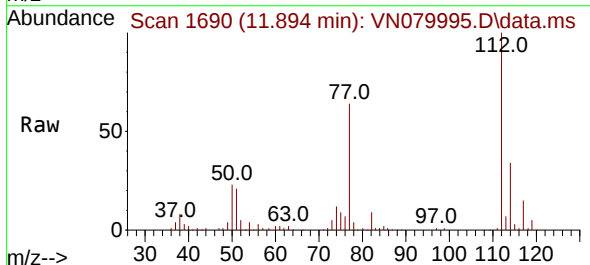
Manual Integrations
APPROVED

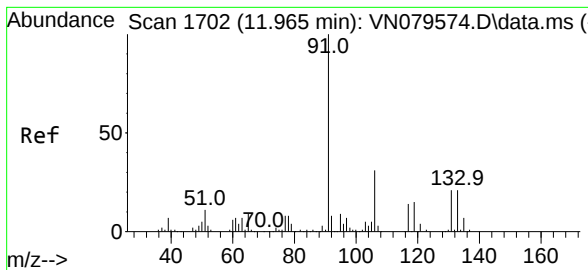
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#64
Chlorobenzene
Concen: 18.532 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion:112 Resp: 240584
Ion Ratio Lower Upper
112 100
114 33.8 28.1 42.1





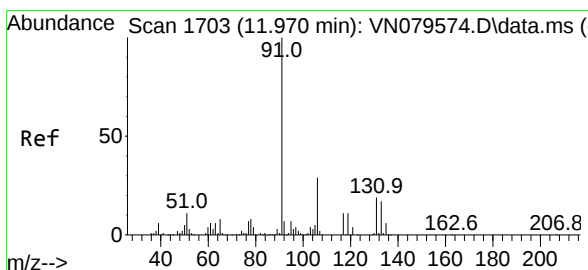
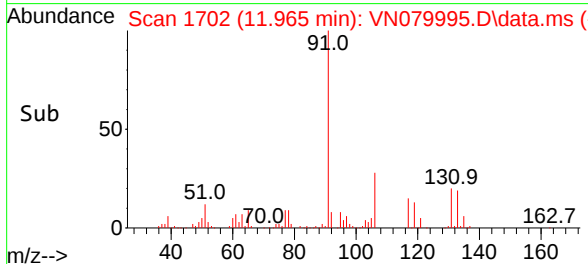
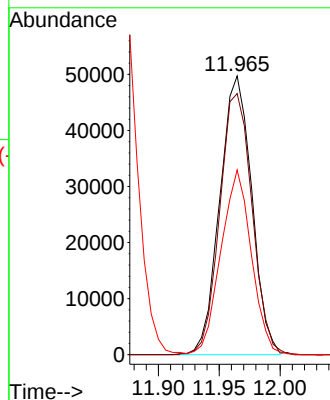
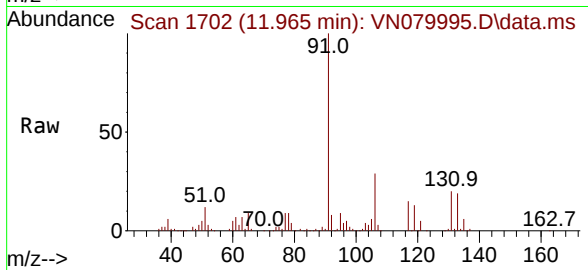
#65
1,1,1,2-Tetrachloroethane
Concen: 19.057 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 90754
Ion Ratio Lower Upper
131 100
133 94.8 0.0 196.0
119 63.1 0.0 135.6

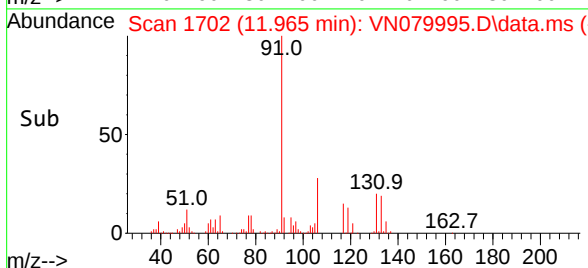
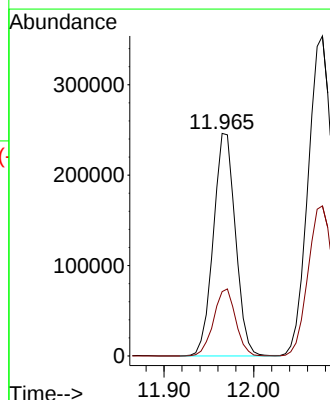
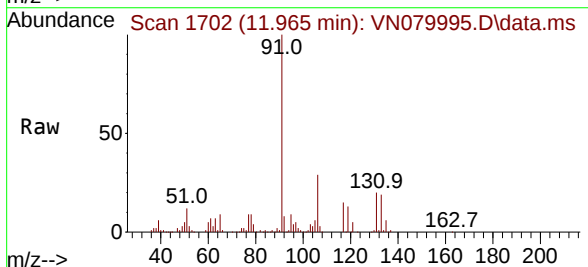
Manual Integrations
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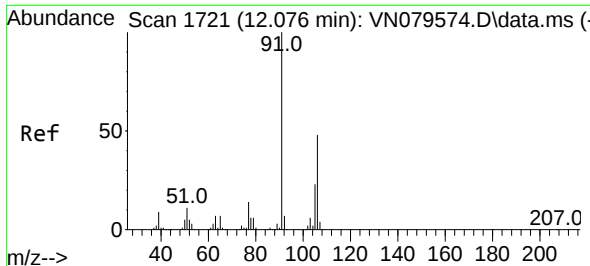
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#66
Ethyl Benzene
Concen: 18.455 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 91 Resp: 421888
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.8





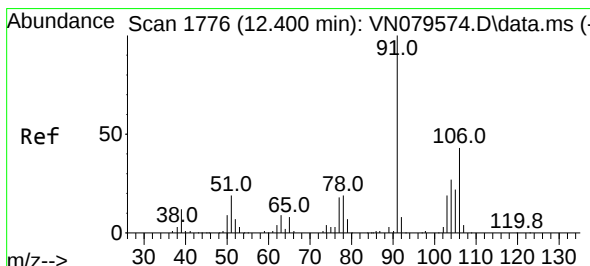
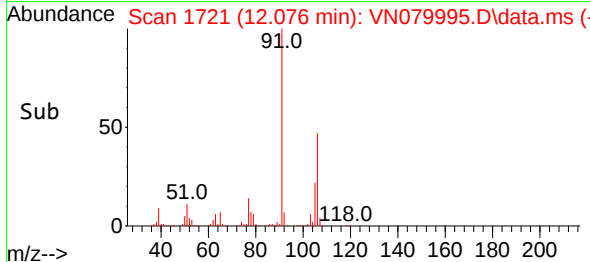
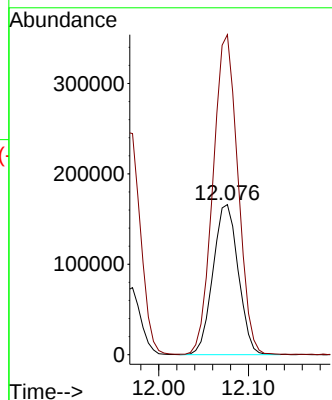
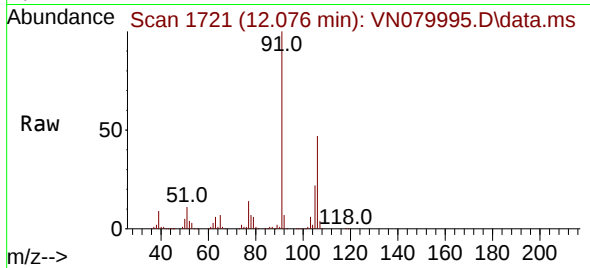
#67
m/p-Xylenes
Concen: 38.158 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 324750
Ion Ratio Lower Upper
106 100
91 210.4 161.8 242.6

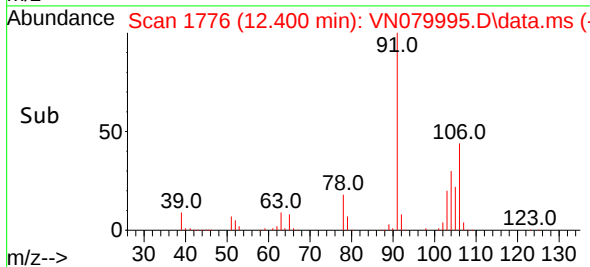
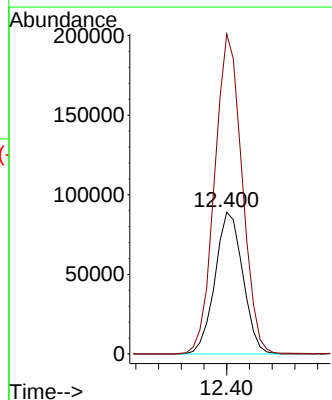
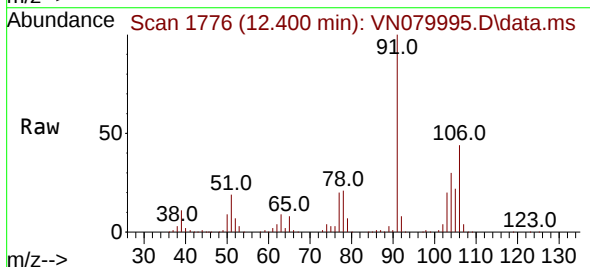
Manual Integrations
APPROVED

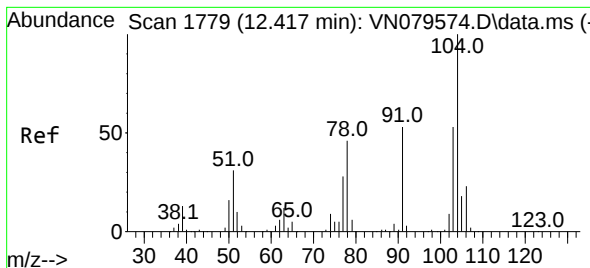
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#68
o-Xylene
Concen: 18.558 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion:106 Resp: 151386
Ion Ratio Lower Upper
106 100
91 223.2 109.9 329.7





#69

Styrene

Concen: 18.801 ug/l

RT: 12.412 min Scan# 1779

Delta R.T. -0.005 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 25388

Ion Ratio Lower Upper

104 100

78 52.1 41.2 61.8

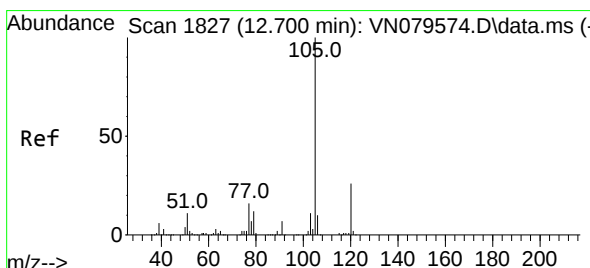
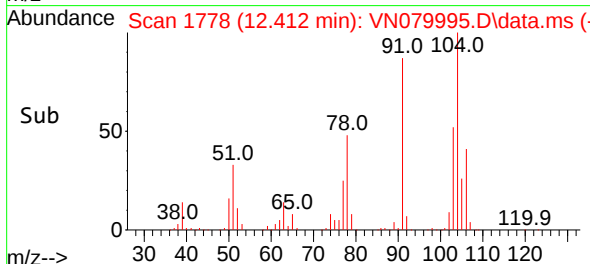
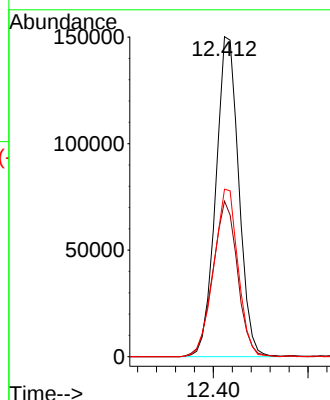
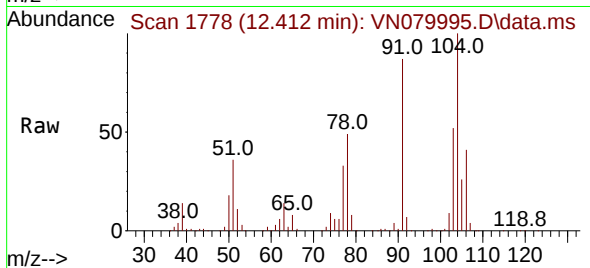
103 55.4 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carbone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#70

Isopropylbenzene

Concen: 18.716 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079995.D

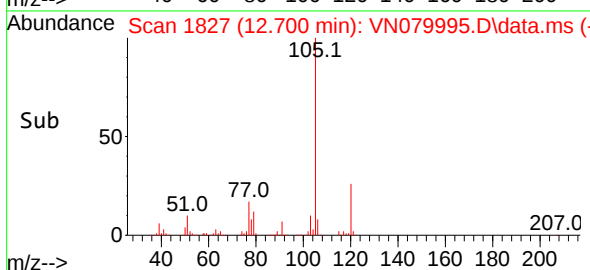
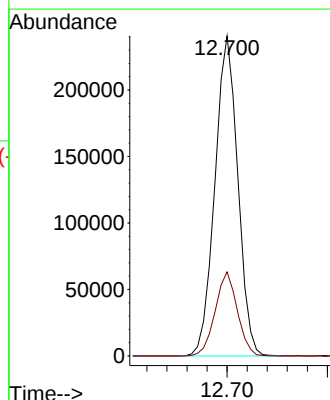
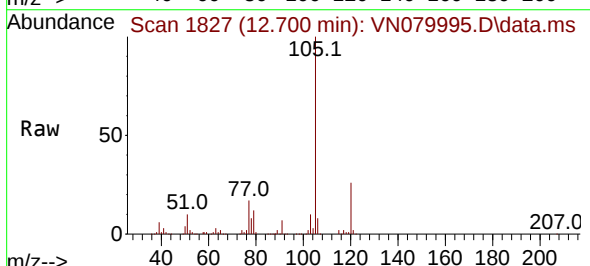
Acq: 08 Nov 2023 16:59

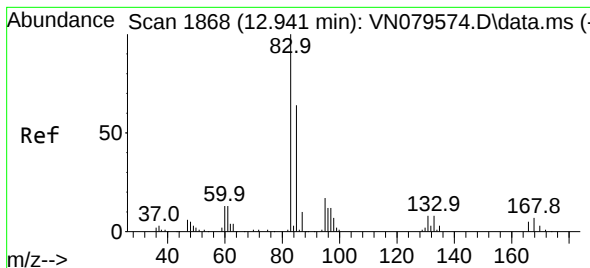
Tgt Ion:105 Resp: 380834

Ion Ratio Lower Upper

105 100

120 25.3 18.1 33.5





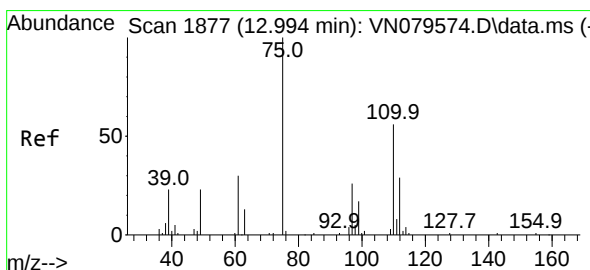
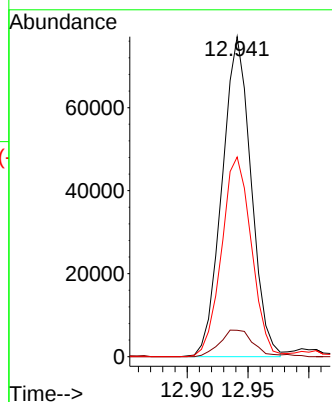
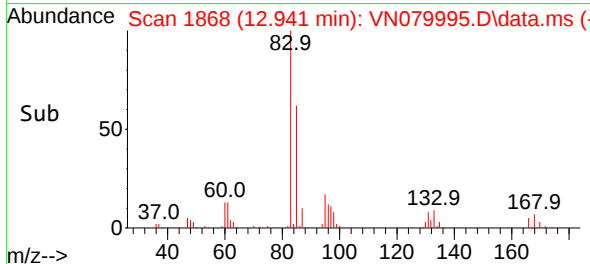
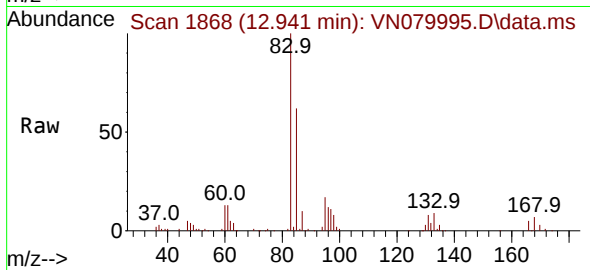
#71
1,1,2,2-Tetrachloroethane
Concen: 18.444 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 127825
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.4
85 64.3 32.1 96.3

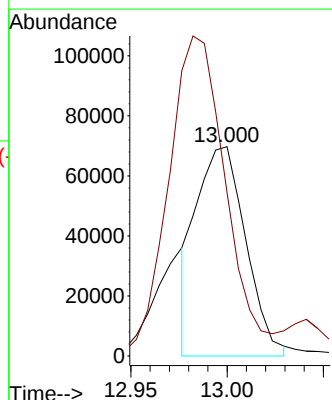
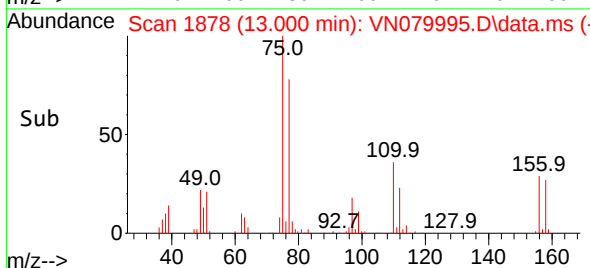
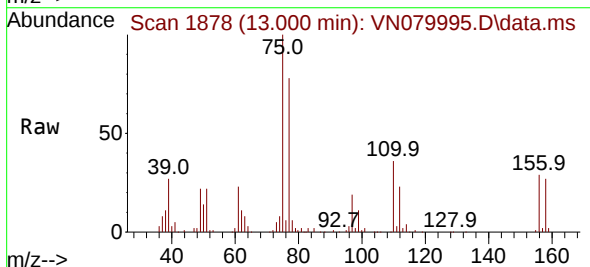
Manual Integrations
APPROVED

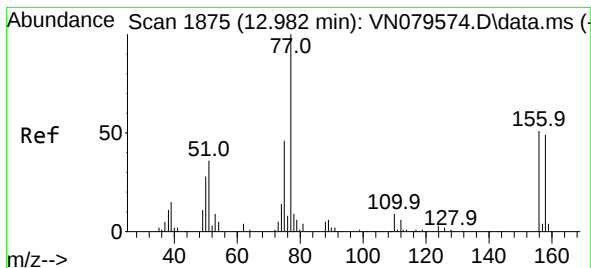
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#72
1,2,3-Trichloropropane
Concen: 19.279 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 75 Resp: 124145
Ion Ratio Lower Upper
75 100
77 177.1 0.0 338.2





#73

Bromobenzene

Concen: 18.854 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

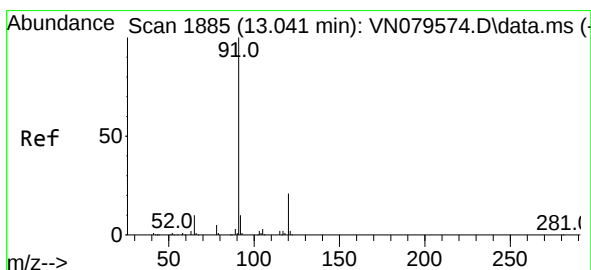
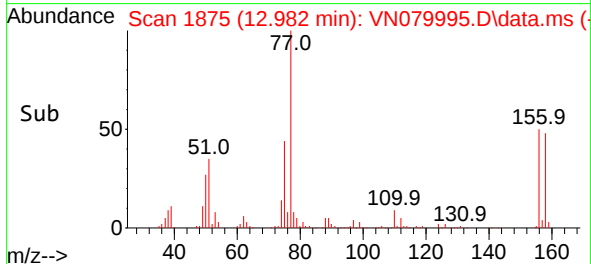
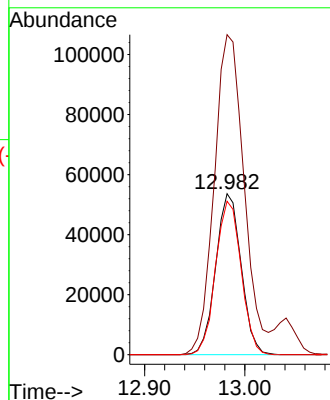
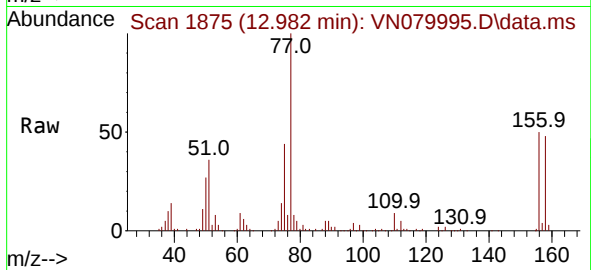
Tgt Ion:	156	Resp:	9431
Ion Ratio	Lower	Upper	
156	100		
77	233.2	0.0	448.2
158	95.6	0.0	194.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#74

n-propylbenzene

Concen: 18.761 ug/l

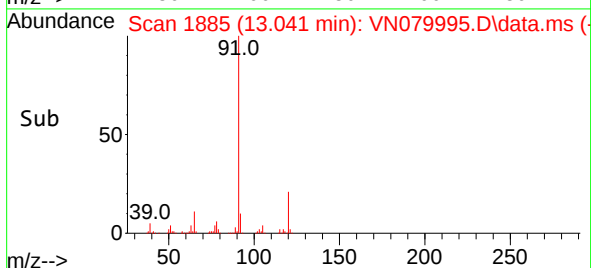
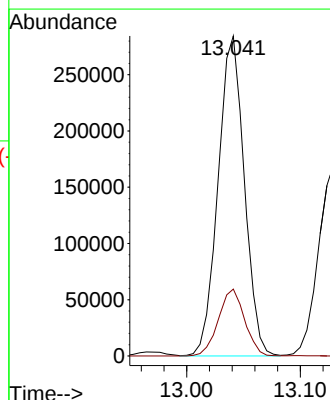
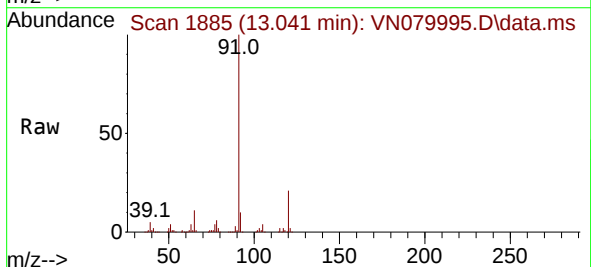
RT: 13.041 min Scan# 1885

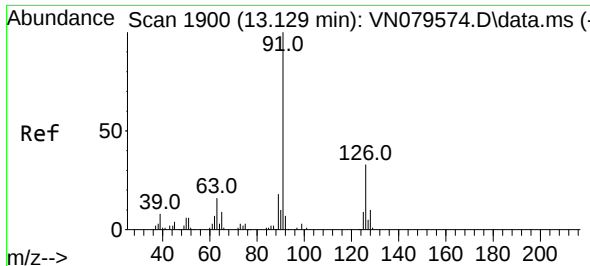
Delta R.T. 0.000 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Tgt Ion:	91	Resp:	456685
Ion Ratio	Lower	Upper	
91	100		
120	20.8	0.0	42.0





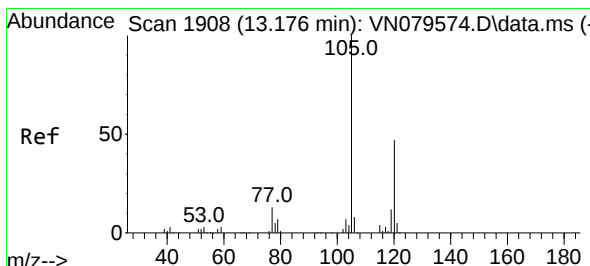
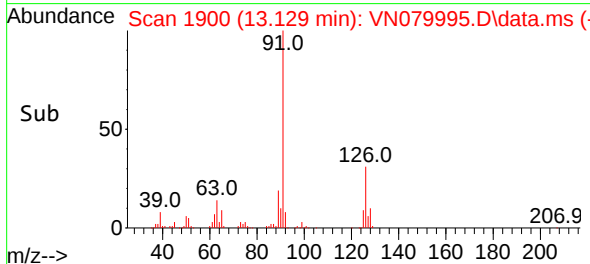
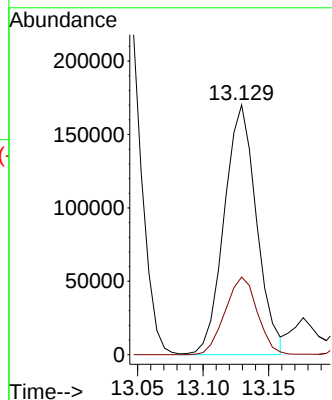
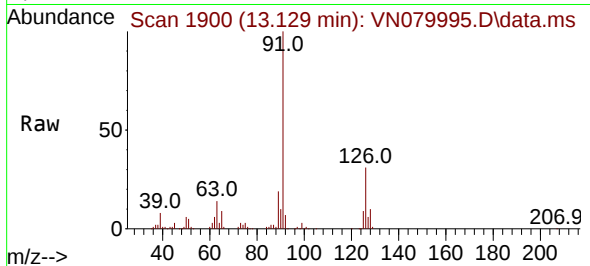
#75
2-Chlorotoluene
Concen: 18.920 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 29274
Ion Ratio Lower Upper
91 100
126 30.9 0.0 64.6

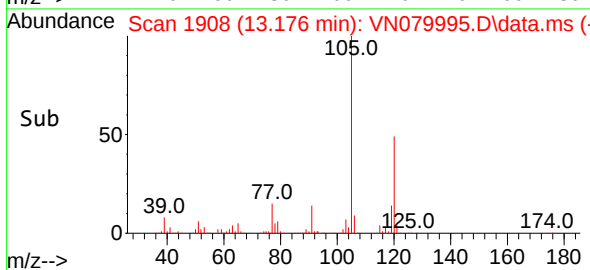
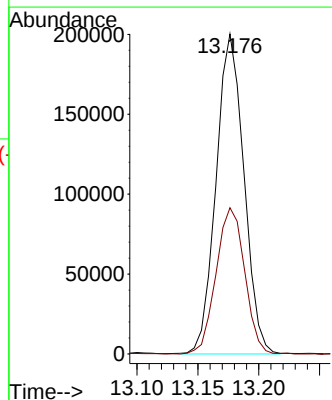
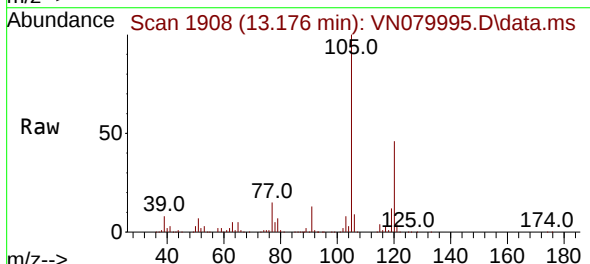
Manual Integrations
APPROVED

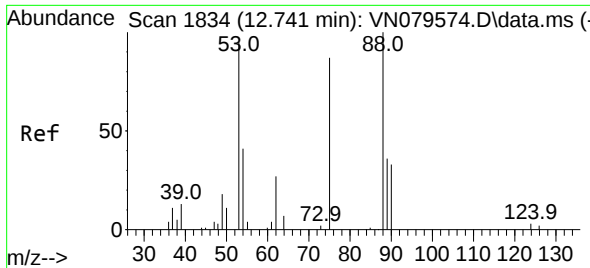
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.919 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

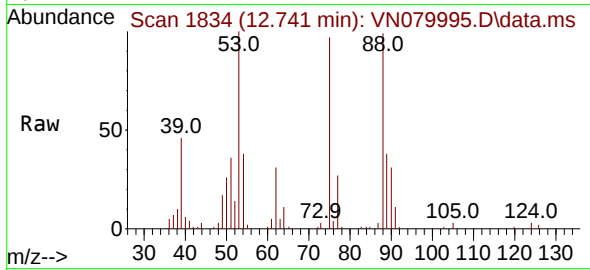
Tgt Ion:105 Resp: 318411
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.313 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

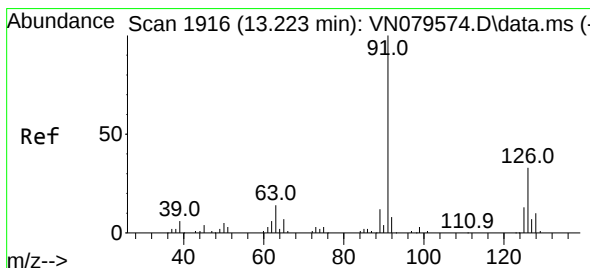
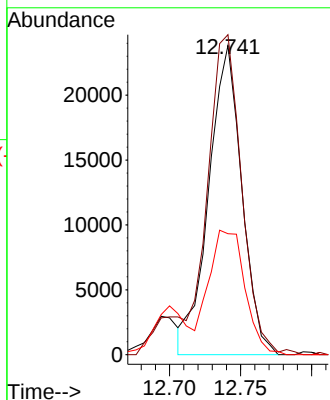
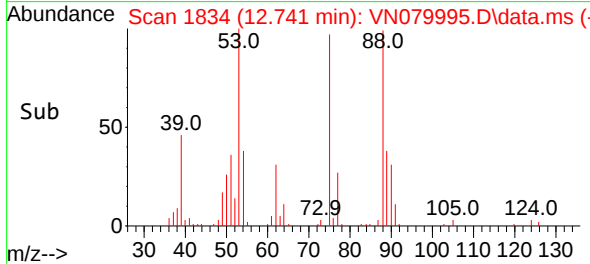
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



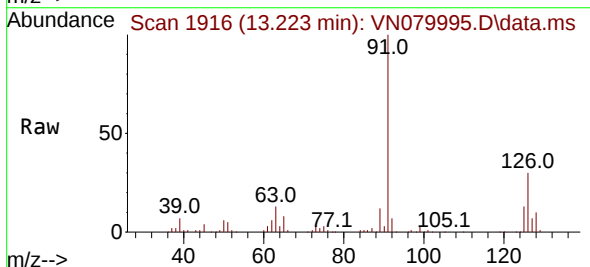
Tgt Ion: 75 Resp: 38614
Ion Ratio Lower Upper
75 100
53 102.7 53.0 159.1
89 38.1 22.6 67.7

Manual Integrations
APPROVED

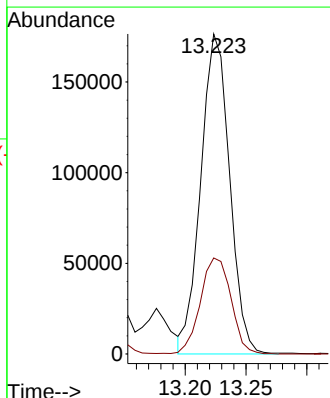
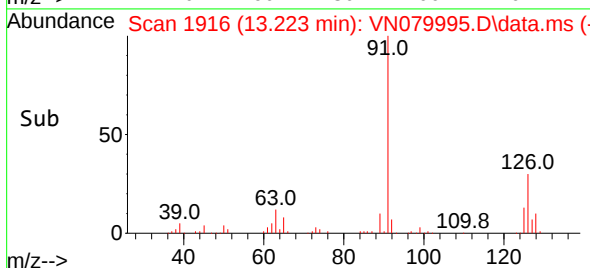
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

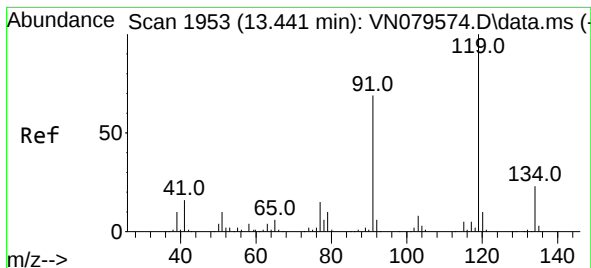


#78
4-Chlorotoluene
Concen: 18.915 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59



Tgt Ion: 91 Resp: 290671
Ion Ratio Lower Upper
91 100
126 31.8 0.0 65.4





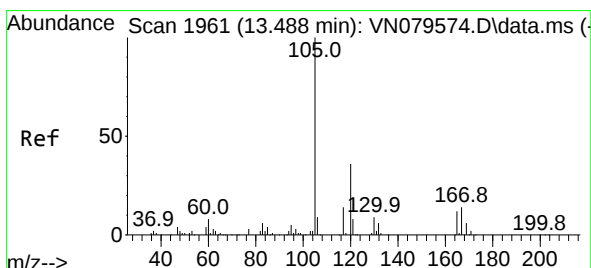
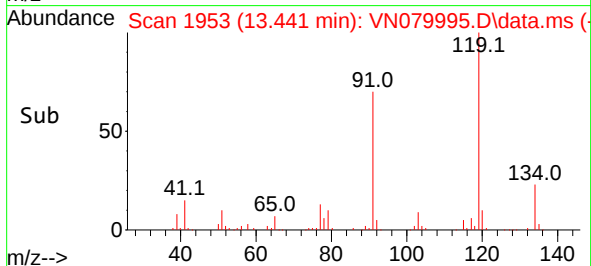
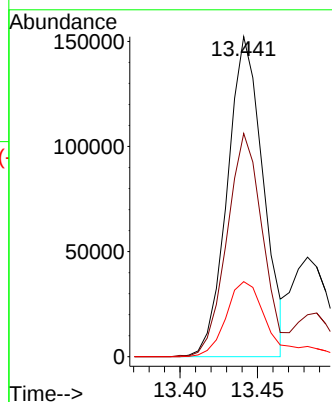
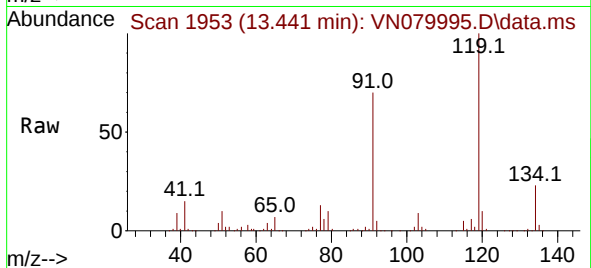
#79
tert-butylbenzene
Concen: 18.525 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 244168
Ion Ratio Lower Upper
119 100
91 70.7 0.0 140.6
134 25.9 0.0 49.8

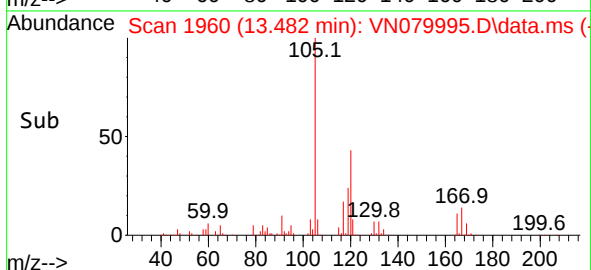
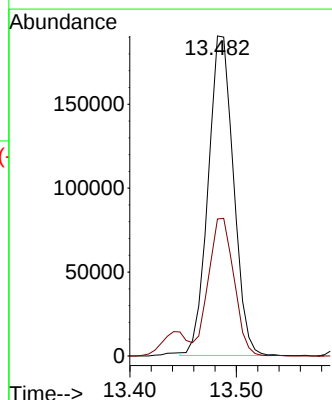
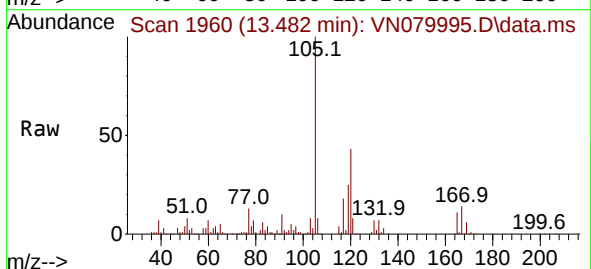
Manual Integrations
APPROVED

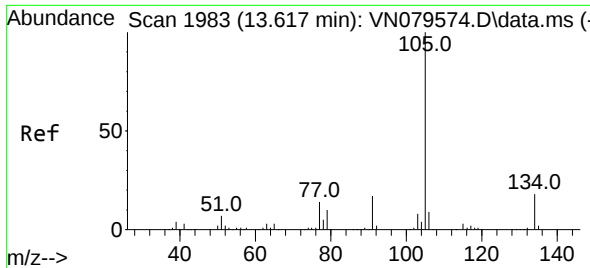
Reviewed By :John Carbone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 19.091 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion:105 Resp: 315065
Ion Ratio Lower Upper
105 100
120 43.3 0.0 88.6





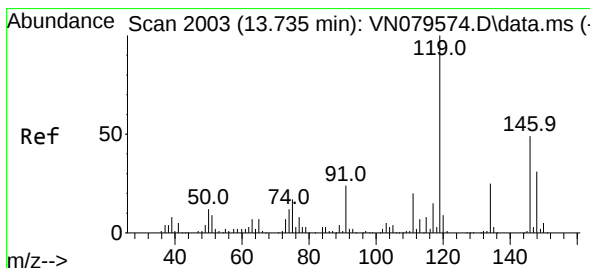
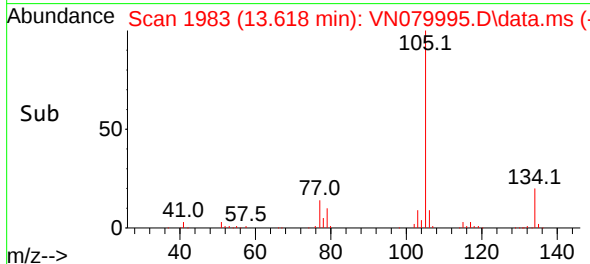
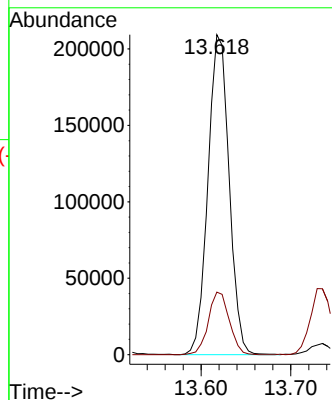
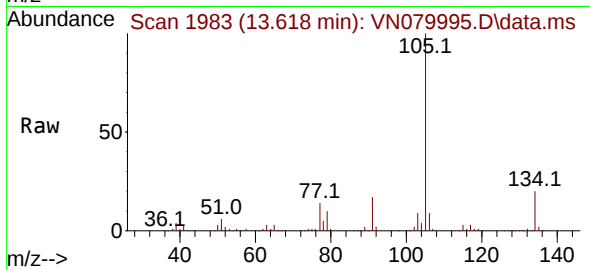
#81
 sec-Butylbenzene
 Concen: 18.419 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN079995.D
 Acq: 08 Nov 2023 16:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 34270
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.2

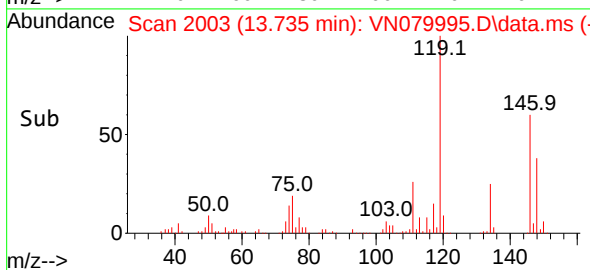
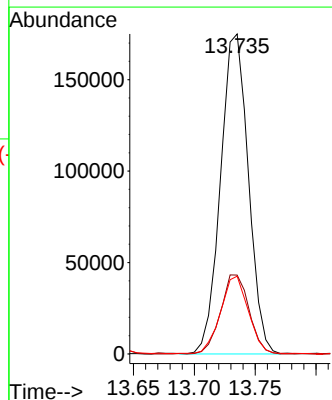
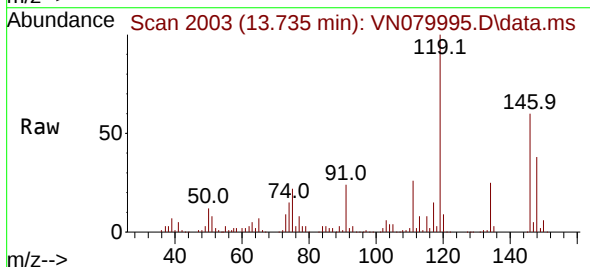
Manual Integrations
 APPROVED

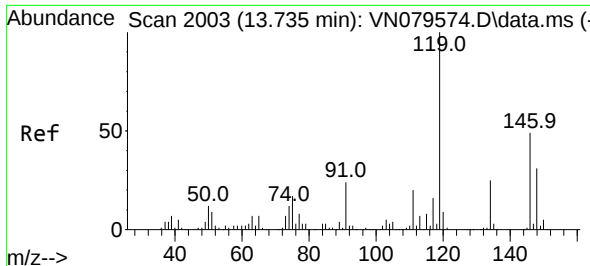
Reviewed By :John Carlone 11/09/2023
 Supervised By :Semsettin Yesilyurt 11/09/2023



#82
 p-Isopropyltoluene
 Concen: 18.449 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079995.D
 Acq: 08 Nov 2023 16:59

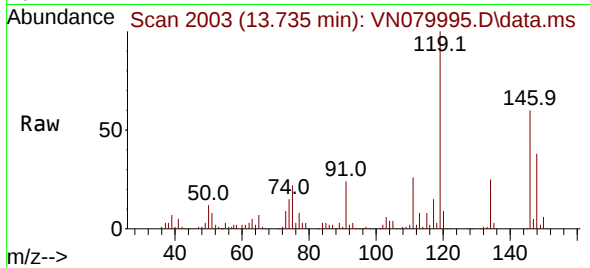
Tgt Ion:119 Resp: 278768
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.2
 91 24.4 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 18.895 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

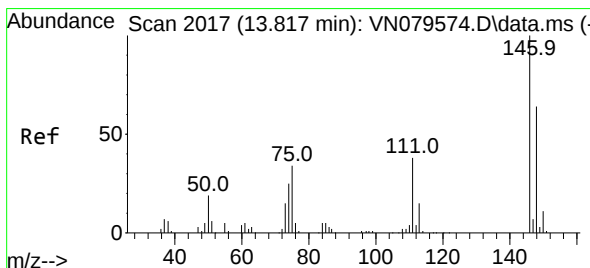
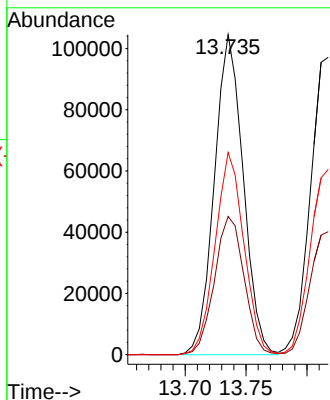
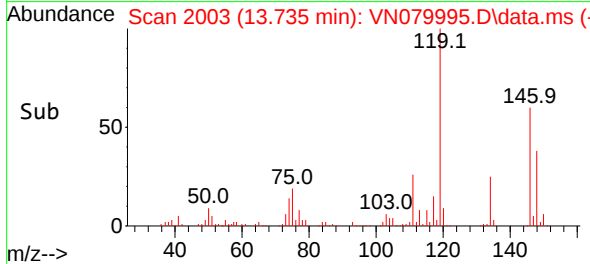
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



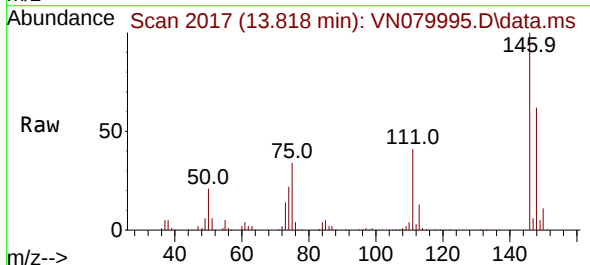
Tgt Ion:146 Resp: 172238
Ion Ratio Lower Upper
146 100
111 44.3 21.0 63.0
148 63.1 32.4 97.0

Manual Integrations
APPROVED

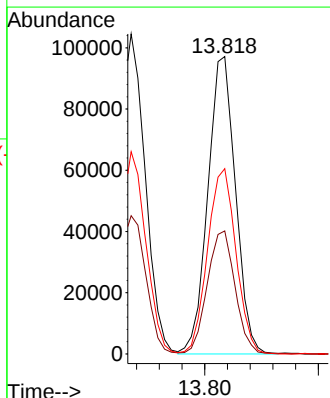
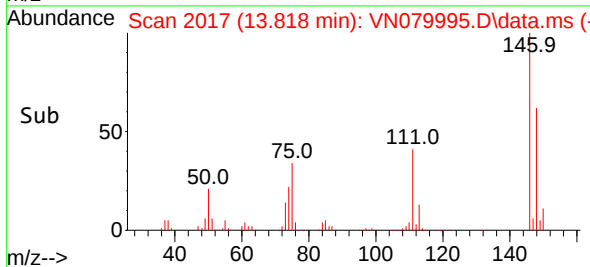
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023

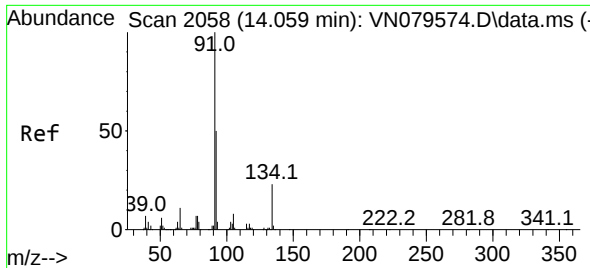


#84
1,4-Dichlorobenzene
Concen: 18.393 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59



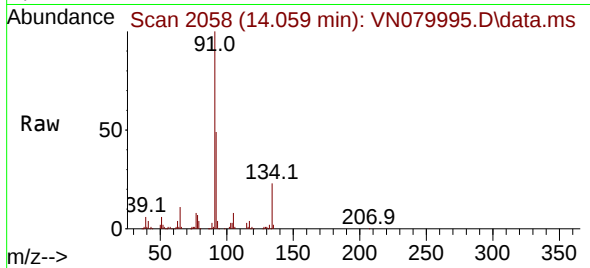
Tgt Ion:146 Resp: 164565
Ion Ratio Lower Upper
146 100
111 41.6 19.9 59.7
148 64.0 32.6 97.7





#85
n-Butylbenzene
Concen: 17.281 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

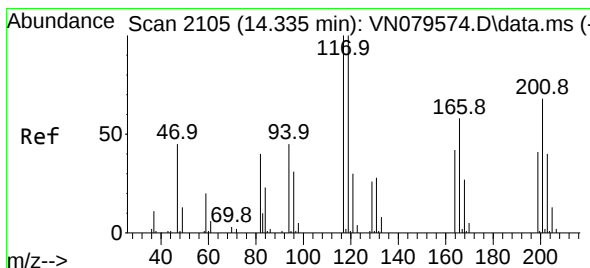
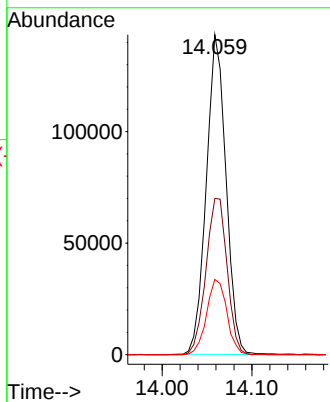
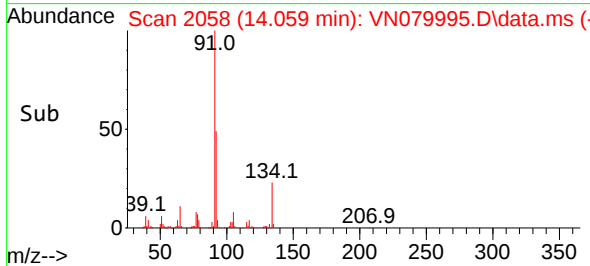
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 218389
Ion Ratio Lower Upper
91 100
92 52.5 0.0 99.6
134 24.2 0.0 46.2

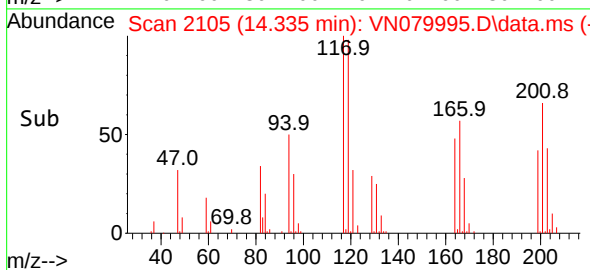
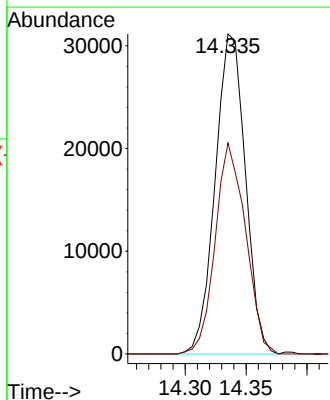
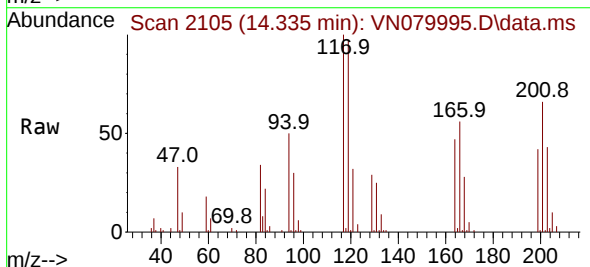
Manual Integrations
APPROVED

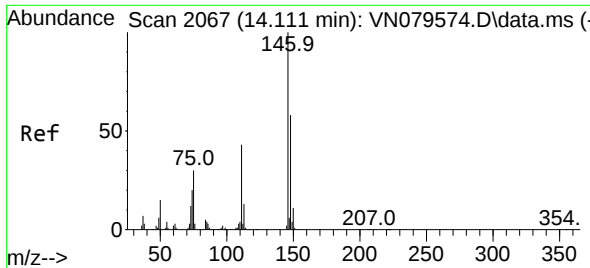
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#86
Hexachloroethane
Concen: 18.303 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

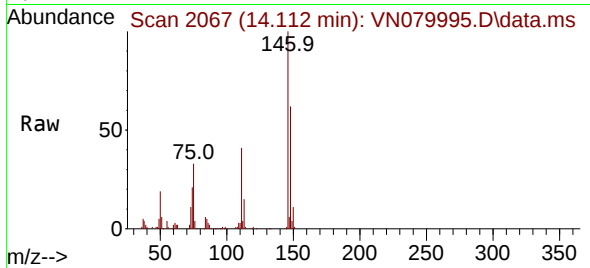
Tgt Ion:117 Resp: 53777
Ion Ratio Lower Upper
117 100
201 66.3 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 19.220 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

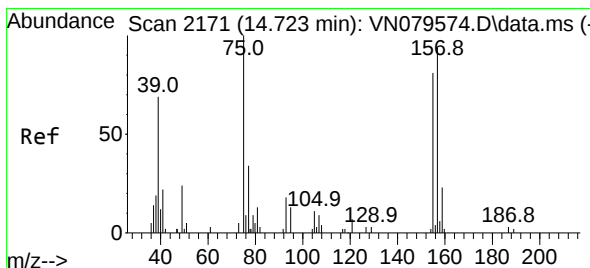
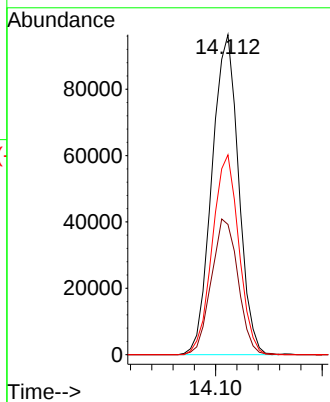
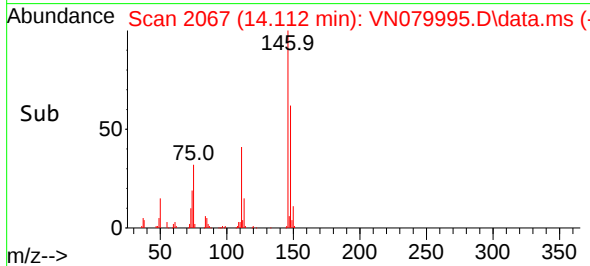
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 167370
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 62.1 31.1 93.5

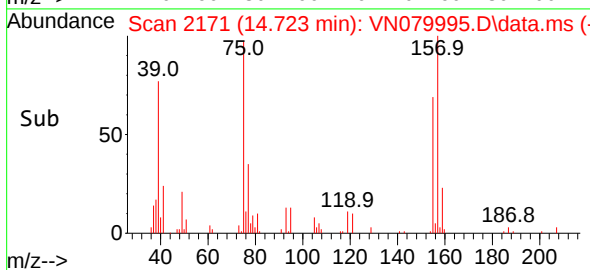
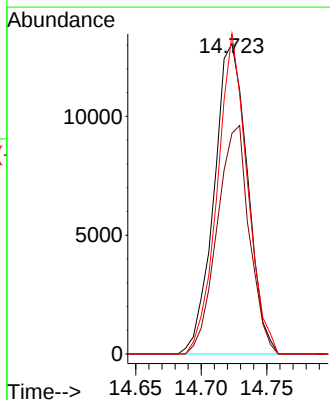
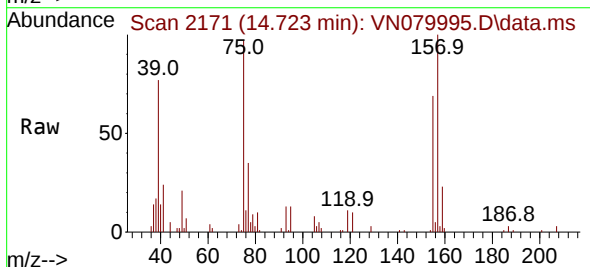
Manual Integrations
APPROVED

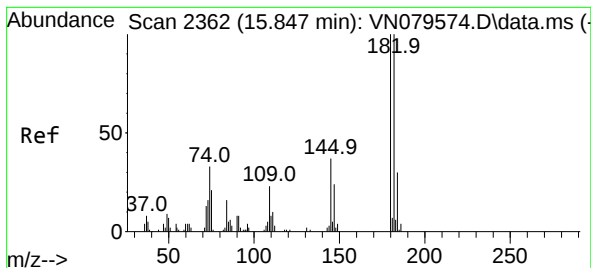
Reviewed By :John Carlone 11/09/2023
Supervised By :Semsettin Yesilyurt 11/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.288 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079995.D
Acq: 08 Nov 2023 16:59

Tgt Ion: 75 Resp: 23178
Ion Ratio Lower Upper
75 100
155 71.0 60.7 91.1
157 92.2 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 16.901 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:180 Resp: 68184

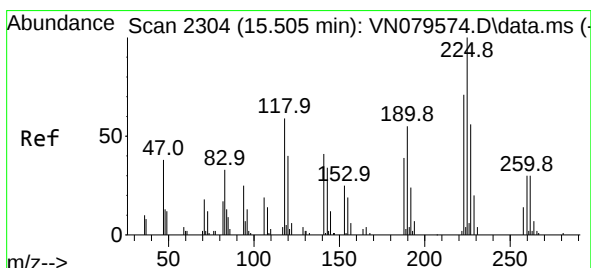
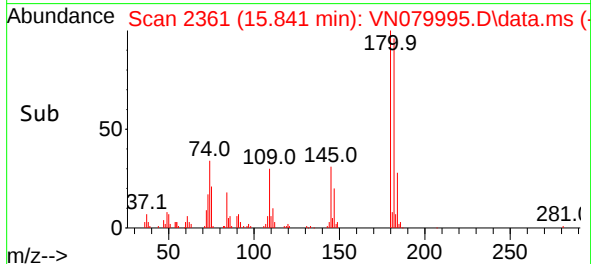
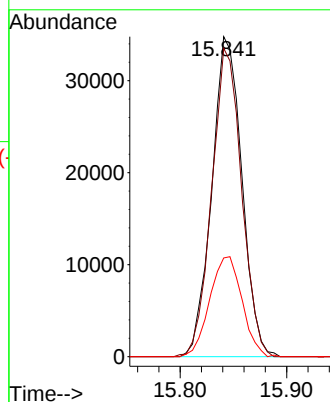
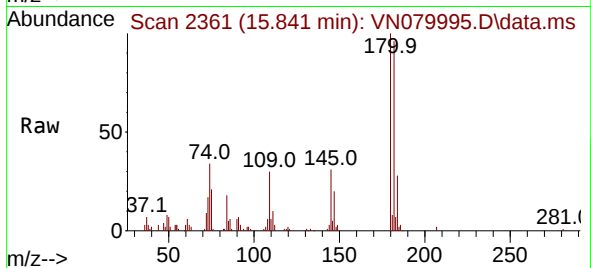
Ion	Ratio	Lower	Upper
180	100		
182	95.6	74.2	111.4
145	33.5	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#90

Hexachlorobutadiene

Concen: 17.393 ug/l

RT: 15.506 min Scan# 2304

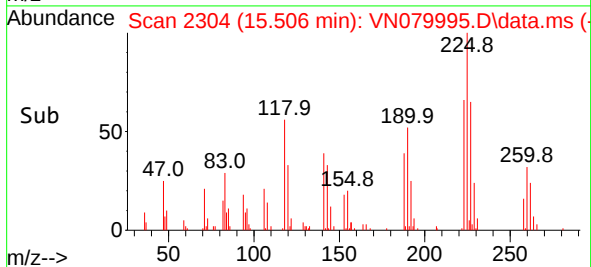
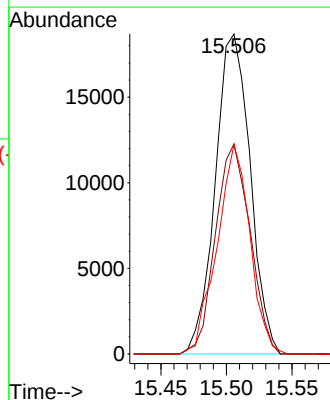
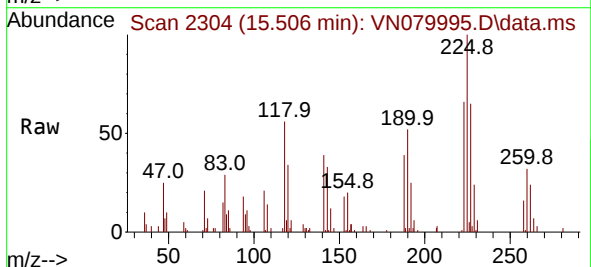
Delta R.T. 0.001 min

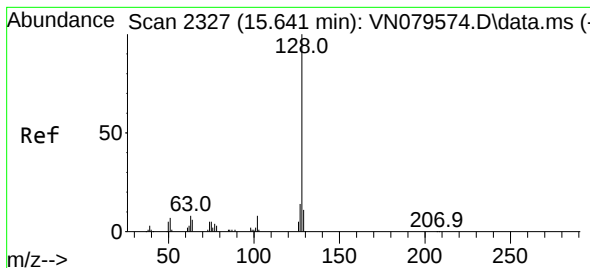
Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Tgt Ion:225 Resp: 34582

Ion	Ratio	Lower	Upper
225	100		
223	65.2	0.0	126.0
227	61.6	0.0	127.0





#91

Naphthalene

Concen: 15.406 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:128 Resp: 199458

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

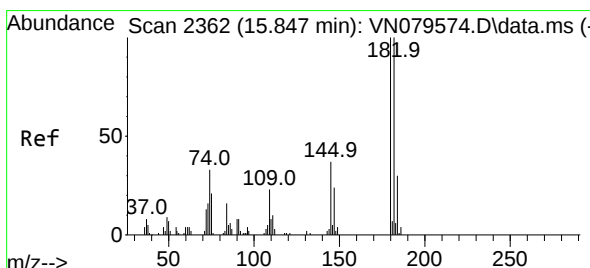
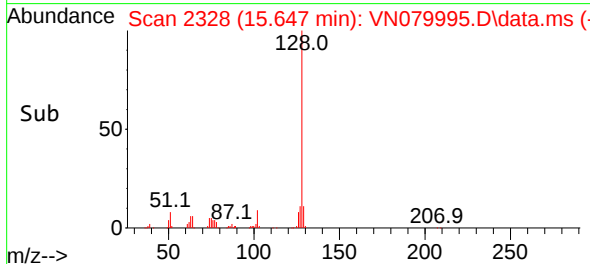
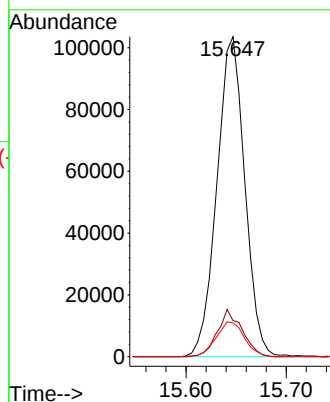
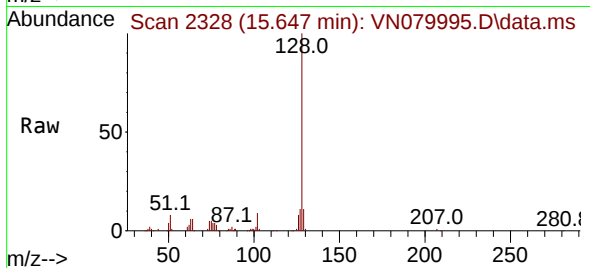
129 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2023

Supervised By :Semsettin Yesilyurt 11/09/2023



#92

1,2,3-Trichlorobenzene

Concen: 16.901 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079995.D

Acq: 08 Nov 2023 16:59

Tgt Ion:180 Resp: 68184

Ion Ratio Lower Upper

180 100

182 95.6 0.0 185.6

145 33.5 0.0 63.6

