

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084960.D
 Acq On : 20 Nov 2024 11:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 21 00:32:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107759	45.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.440%		
35) Dibromofluoromethane	8.159	113	85890	46.769	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	10.565	98	310714	45.930	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.860%		
62) 4-Bromofluorobenzene	12.847	95	121953	48.235	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	102999	54.304	ug/l	94
3) Chloromethane	2.359	50	110719	49.734	ug/l	98
4) Vinyl Chloride	2.512	62	107639	52.764	ug/l	98
5) Bromomethane	2.900	94	56156	51.955	ug/l	97
6) Chloroethane	3.071	64	67311	53.398	ug/l	94
7) Trichlorofluoromethane	3.471	101	176242	52.445	ug/l	98
8) Diethyl Ether	3.953	74	63921	53.922	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	101609	53.510	ug/l	100
10) Methyl Iodide	4.571	142	137664	54.245	ug/l	95
11) Tert butyl alcohol	5.541	59	90985	289.250	ug/l	99
12) 1,1-Dichloroethene	4.324	96	95095	50.612	ug/l	97
13) Acrolein	4.177	56	83697	266.836	ug/l	98
14) Allyl chloride	5.012	41	161833	53.110	ug/l	93
15) Acrylonitrile	5.718	53	255741	280.842	ug/l	99
16) Acetone	4.430	43	165010	239.592	ug/l	97
17) Carbon Disulfide	4.700	76	277268	47.919	ug/l	100
18) Methyl Acetate	5.024	43	126759	50.446	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	323521	56.177	ug/l	97
20) Methylene Chloride	5.265	84	107519	51.299	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	97972	50.781	ug/l	98
22) Diisopropyl ether	6.665	45	326570	53.937	ug/l	97
23) Vinyl Acetate	6.594	43	1220460	292.299	ug/l	99
24) 1,1-Dichloroethane	6.565	63	189216	52.053	ug/l	99
25) 2-Butanone	7.482	43	301402	271.102	ug/l	98
26) 2,2-Dichloropropane	7.482	77	175340	55.420	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	118648	52.668	ug/l	96
28) Bromochloromethane	7.812	49	72293	49.917	ug/l	92
29) Tetrahydrofuran	7.835	42	216108	293.003	ug/l	95
30) Chloroform	7.965	83	193933	52.416	ug/l	97
31) Cyclohexane	8.253	56	167902	51.034	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	178940	53.137	ug/l	98
36) 1,1-Dichloropropene	8.365	75	137824	54.113	ug/l	100
37) Ethyl Acetate	7.559	43	134705	58.292	ug/l	97
38) Carbon Tetrachloride	8.359	117	156315	54.908	ug/l	99
39) Methylcyclohexane	9.600	83	154889	59.777	ug/l	98
40) Benzene	8.606	78	426723	52.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78926	63.513	ug/l	99
42) 1,2-Dichloroethane	8.665	62	143286	54.090	ug/l	99
43) Isopropyl Acetate	8.688	43	242469	56.930	ug/l	100
44) Trichloroethene	9.347	130	99056	52.511	ug/l	100
45) 1,2-Dichloropropane	9.618	63	104248	54.331	ug/l	96
46) Dibromomethane	9.706	93	73957	54.624	ug/l	99
47) Bromodichloromethane	9.888	83	154269	54.053	ug/l	99
48) Methyl methacrylate	9.676	41	109069	60.645	ug/l	97
49) 1,4-Dioxane	9.700	88	36313	1139.408	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	683902	310.450	ug/l	98
52) Toluene	10.629	92	270072	56.456	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	160608	54.366	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	172110	55.045	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	98018	54.394	ug/l	96
56) Ethyl methacrylate	10.870	69	165749	63.590	ug/l	96
57) 1,3-Dichloropropane	11.165	76	172010	55.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	371343	304.461	ug/l	98
59) 2-Hexanone	11.194	43	536530	334.603	ug/l	98
60) Dibromochloromethane	11.359	129	117689	57.305	ug/l	100
61) 1,2-Dibromoethane	11.465	107	100326	54.368	ug/l	100
64) Tetrachloroethene	11.100	164	85588	53.532	ug/l	97
65) Chlorobenzene	11.888	112	284076	52.828	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	101276	54.146	ug/l	99
67) Ethyl Benzene	11.965	91	507651	56.556	ug/l	100
68) m/p-Xylenes	12.070	106	391940	115.337	ug/l	100
69) o-Xylene	12.394	106	187331	58.928	ug/l	99
70) Styrene	12.412	104	319362	57.589	ug/l	100
71) Bromoform	12.576	173	79345	56.375	ug/l #	99
73) Isopropylbenzene	12.694	105	479086	55.679	ug/l	99
74) N-amyl acetate	12.494	43	205323	56.065	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	146589	51.040	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	125143m	50.987	ug/l	
77) Bromobenzene	12.976	156	113414	49.030	ug/l	98
78) n-propylbenzene	13.035	91	563327	55.869	ug/l	99
79) 2-Chlorotoluene	13.123	91	349601	53.064	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	407010	57.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56982	55.078	ug/l	94
82) 4-Chlorotoluene	13.217	91	353895	51.041	ug/l	99
83) tert-Butylbenzene	13.435	119	348071	58.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	414294	56.287	ug/l	99
85) sec-Butylbenzene	13.611	105	467025	56.017	ug/l	99
86) p-Isopropyltoluene	13.729	119	401222	58.679	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	213991	47.403	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	213744	51.698	ug/l	99
89) n-Butylbenzene	14.053	91	339784	53.124	ug/l	99
90) Hexachloroethane	14.335	117	75005	49.189	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	212272	48.934	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31109	53.467	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	112274	47.286	ug/l	99
94) Hexachlorobutadiene	15.500	225	49818	47.779	ug/l	98
95) Naphthalene	15.641	128	368434	51.842	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	106677	46.284	ug/l	99

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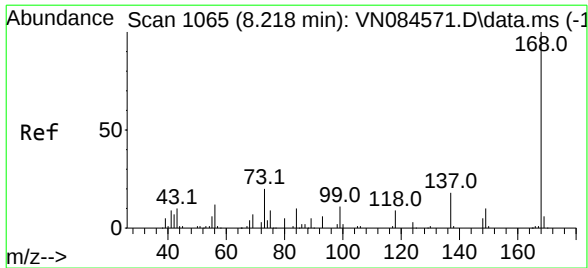
Manual Integrations
APPROVED

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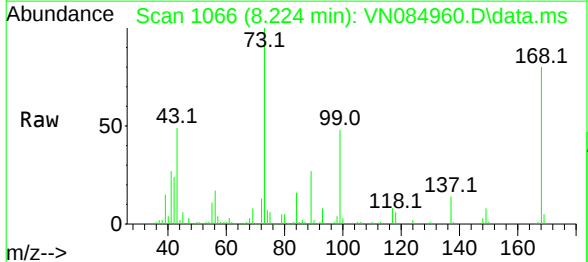
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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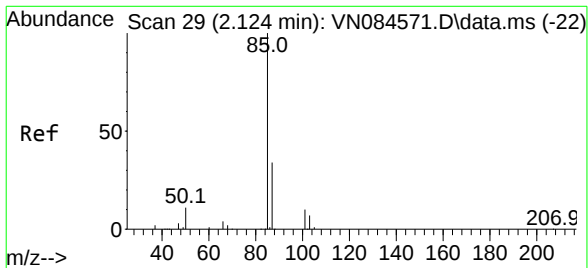
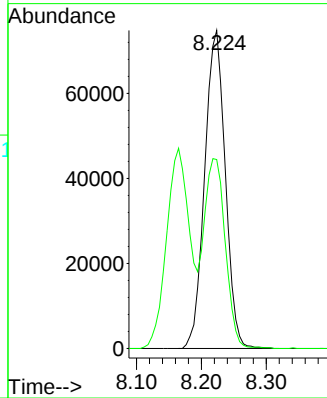
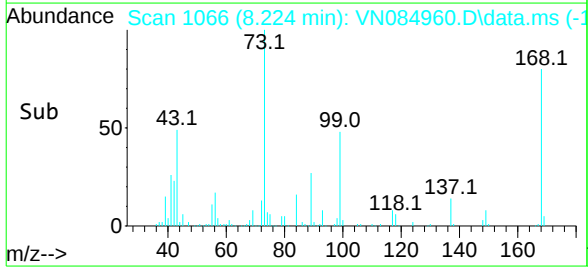
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion:168 Resp: 164992
Ion Ratio Lower Upper
168 100
99 59.4 54.2 81.2

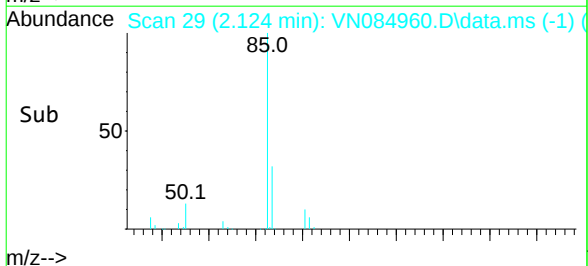
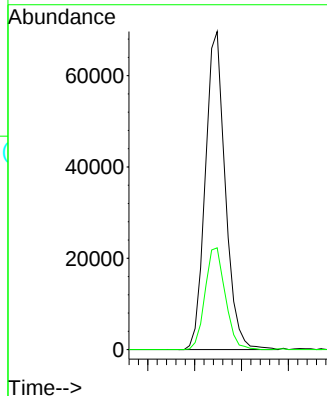
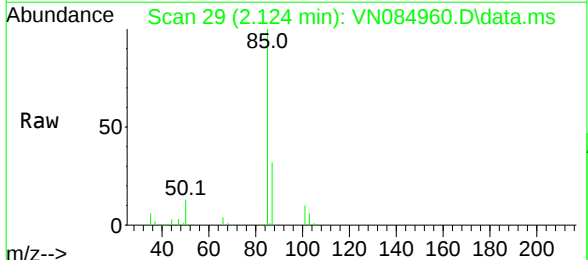
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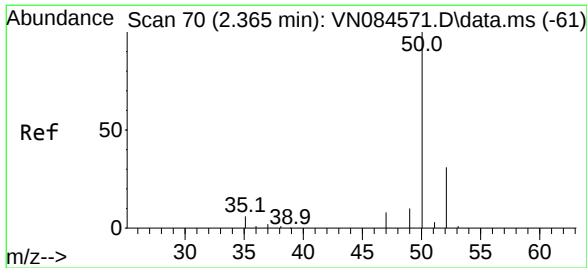
Reviewed By :Semsettin Yesilyurt 11/21/2024
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#2
Dichlorodifluoromethane
Concen: 54.304 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

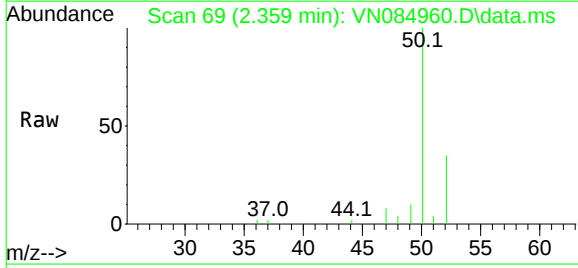
Tgt Ion: 85 Resp: 102999
Ion Ratio Lower Upper
85 100
87 32.0 17.6 52.9





#3
Chloromethane
Concen: 49.734 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

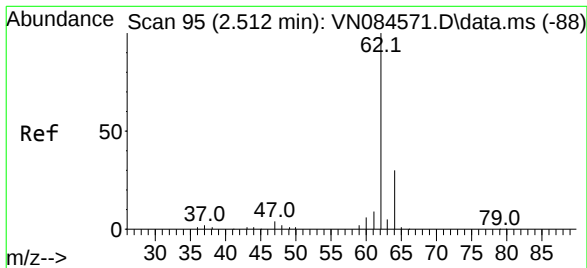
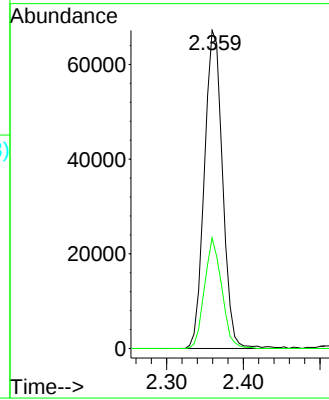
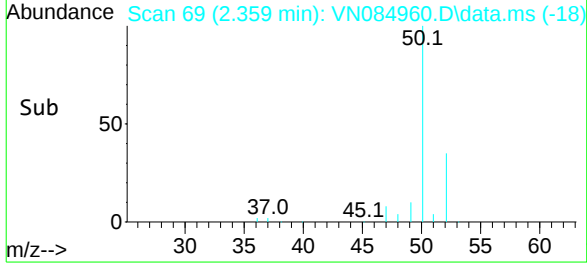
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Tgt Ion: 50 Resp: 110719
Ion Ratio Lower Upper
50 100
52 34.7 26.8 40.2

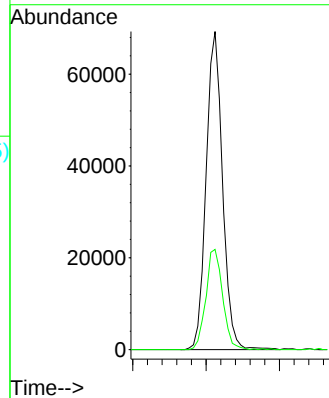
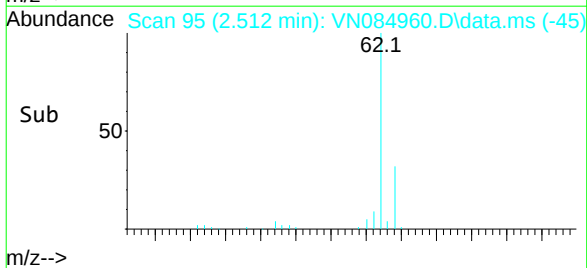
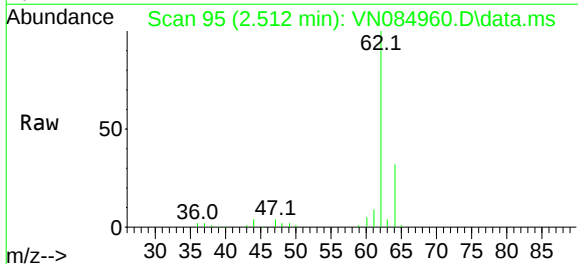
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#4
Vinyl Chloride
Concen: 52.764 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
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Tgt Ion: 62 Resp: 107639
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.4





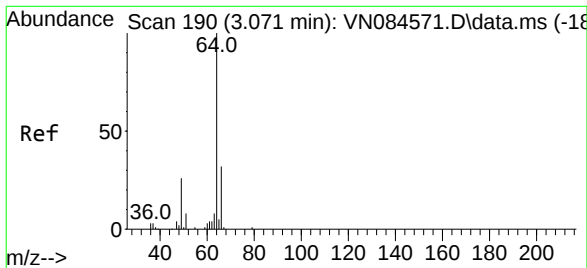
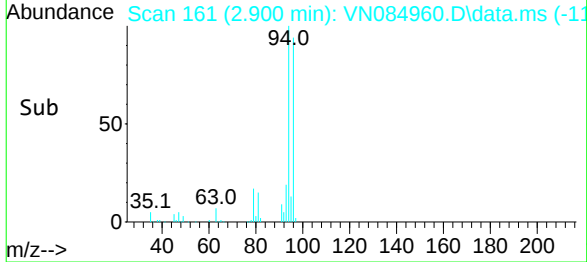
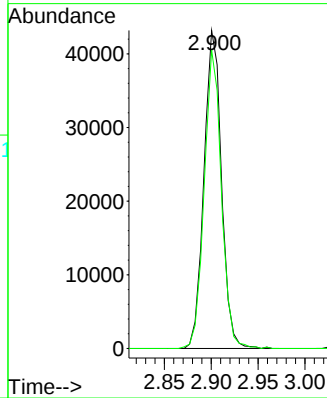
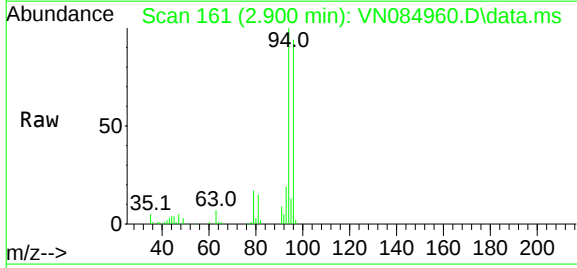
#5
Bromomethane
Concen: 51.955 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.053 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 56156
Ion Ratio Lower Upper
94 100
96 93.8 72.9 109.3

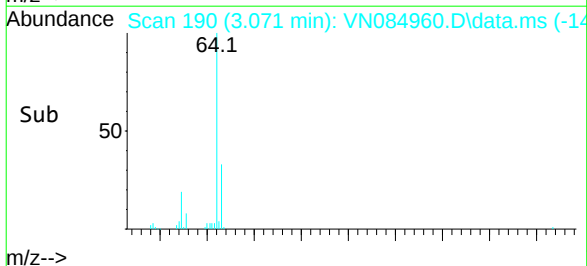
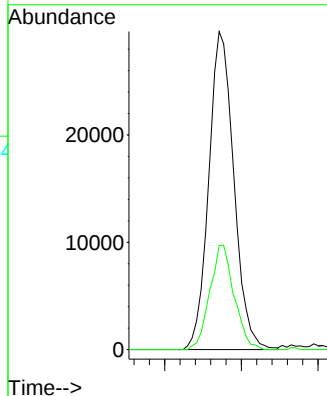
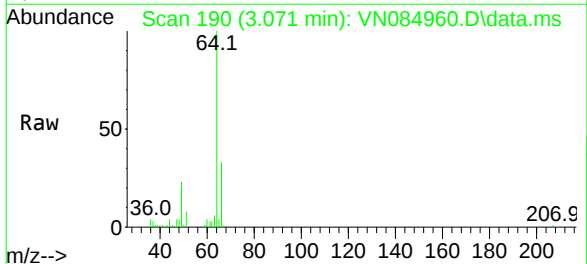
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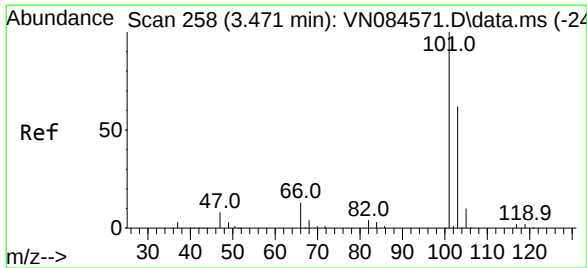
Reviewed By :Semsettin Yesilyurt 11/21/2024
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#6
Chloroethane
Concen: 53.398 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
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Tgt Ion: 64 Resp: 67311
Ion Ratio Lower Upper
64 100
66 32.7 23.5 35.3





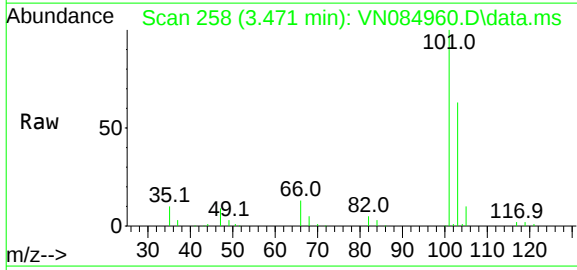
#7
 Trichlorofluoromethane
 Concen: 52.445 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084960.D
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Instrument :

MSVOA_N

ClientSampleId :

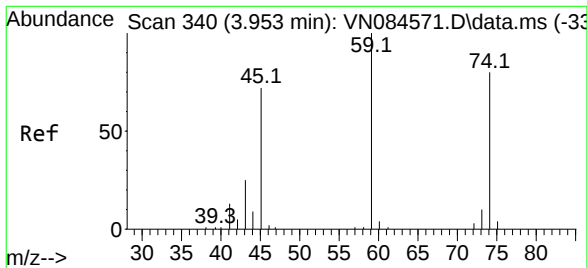
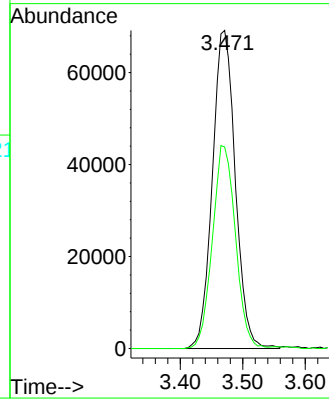
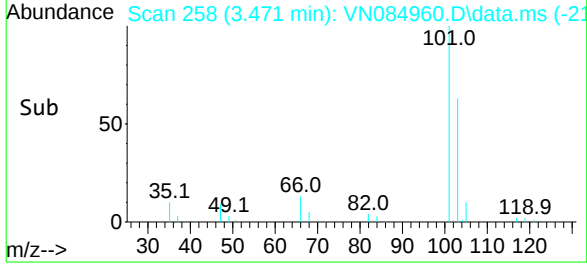
VSTDCCC050



Tgt Ion:101 Resp: 176242
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.8 77.6

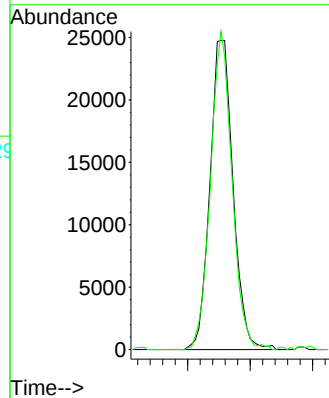
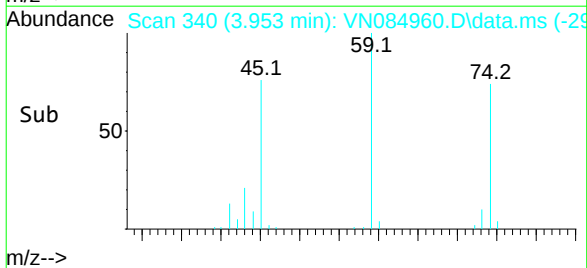
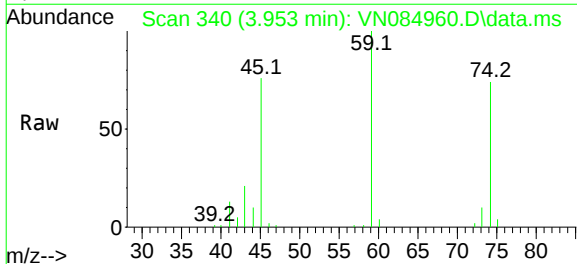
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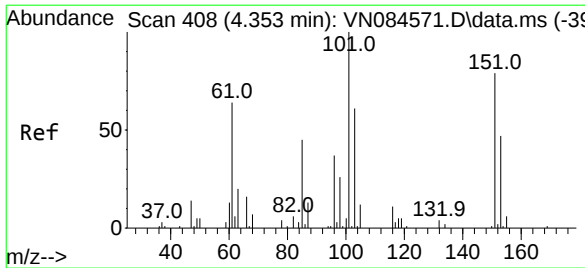
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#8
 Diethyl Ether
 Concen: 53.922 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 63921
 Ion Ratio Lower Upper
 74 100
 45 95.3 47.7 143.1





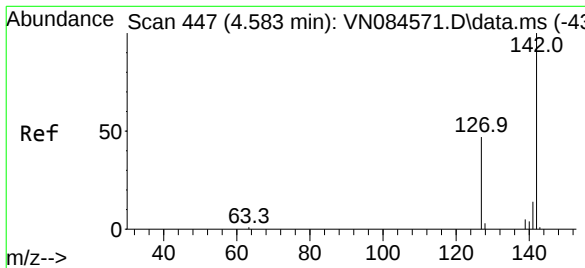
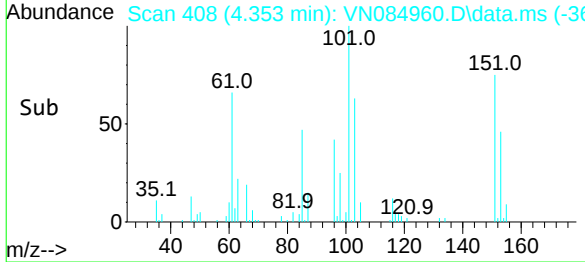
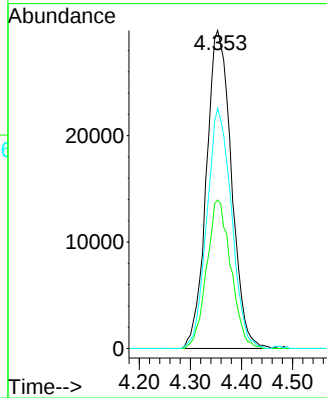
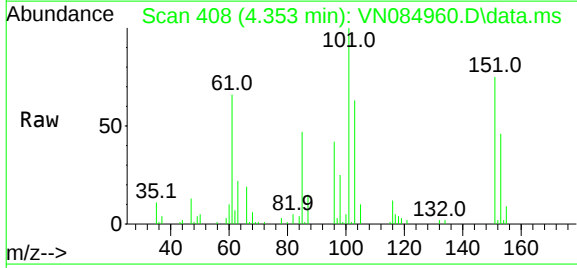
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.510 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	101	Resp:	101609
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.2	54.4
151	74.3	59.3	88.9

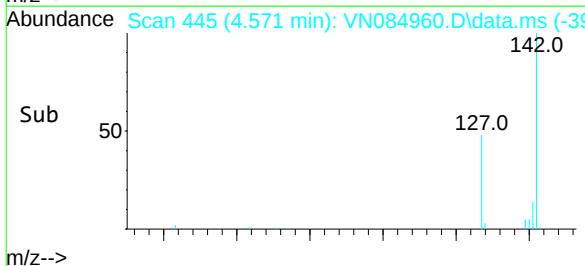
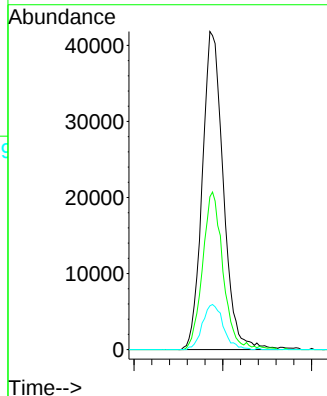
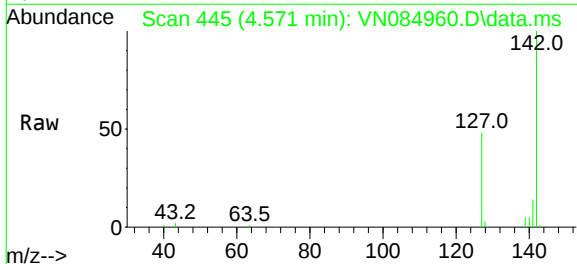
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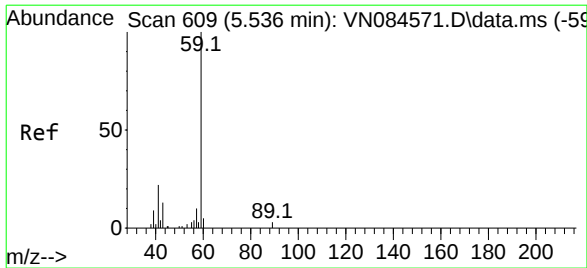
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#10
Methyl Iodide
Concen: 54.245 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.024 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:	142	Resp:	137664
Ion Ratio	Lower	Upper	
142	100		
127	48.0	35.3	52.9
141	13.7	11.0	16.6





#11

Tert butyl alcohol

Concen: 289.250 ug/l

RT: 5.541 min Scan# 61

Delta R.T. 0.018 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 90985

Ion Ratio Lower Upper

59 100

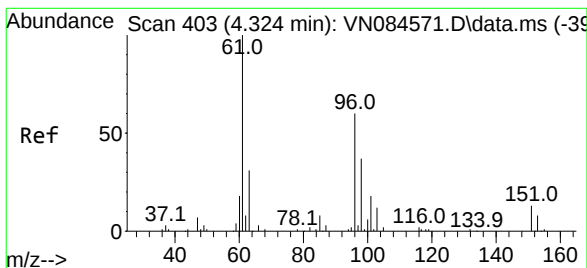
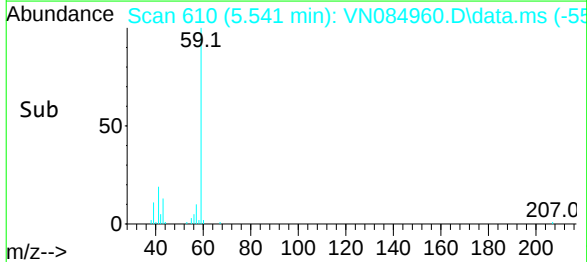
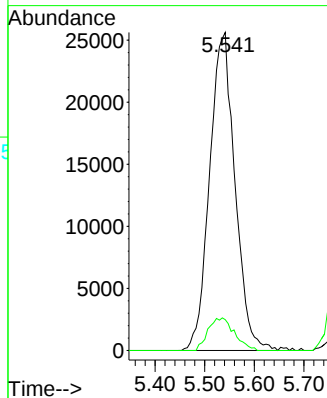
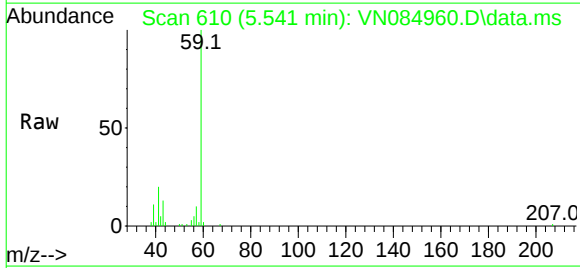
57 10.6 8.2 12.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#12

1,1-Dichloroethene

Concen: 50.612 ug/l

RT: 4.324 min Scan# 403

Delta R.T. -0.018 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

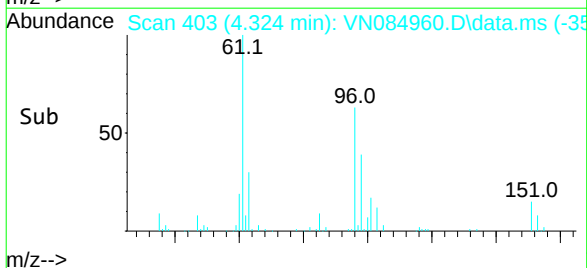
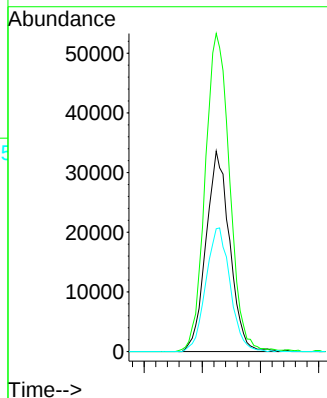
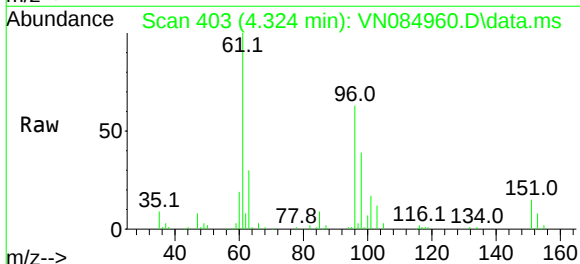
Tgt Ion: 96 Resp: 95095

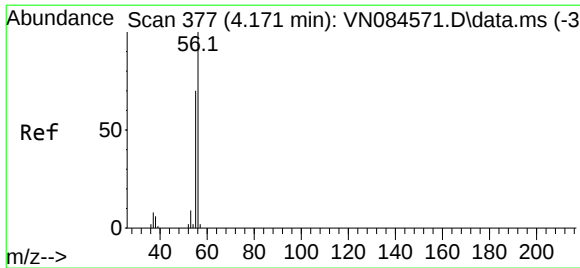
Ion Ratio Lower Upper

96 100

61 158.2 128.6 192.8

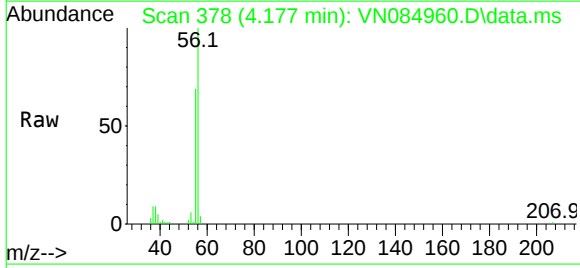
98 61.3 51.7 77.5





#13
Acrolein
Concen: 266.836 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

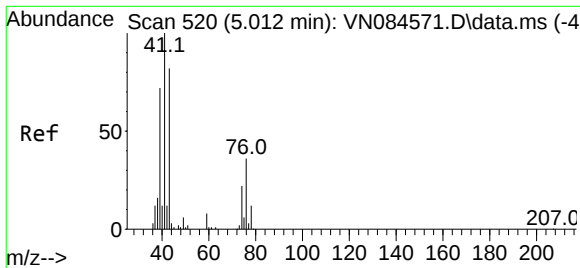
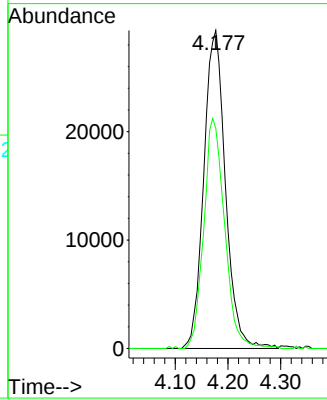
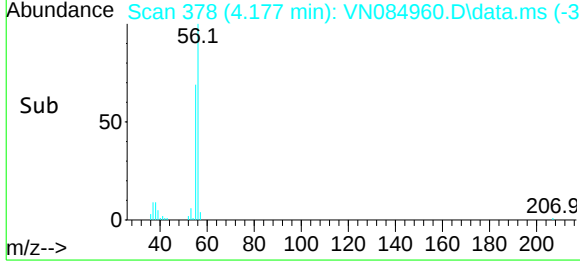
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 83697
Ion Ratio Lower Upper
56 100
55 69.9 57.2 85.8

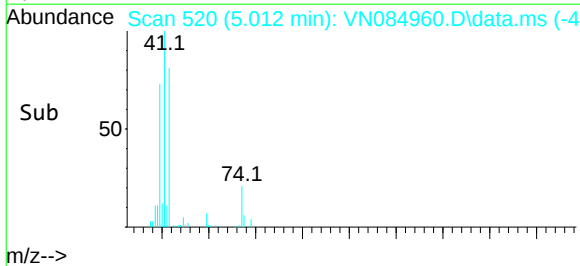
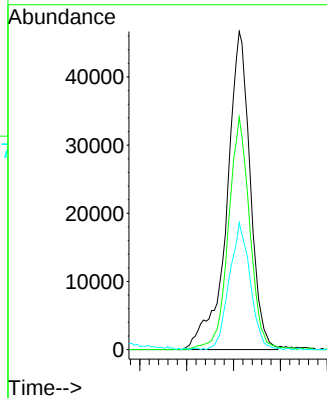
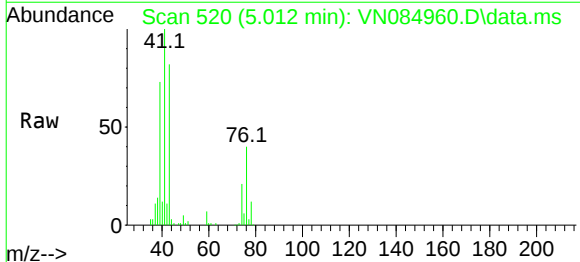
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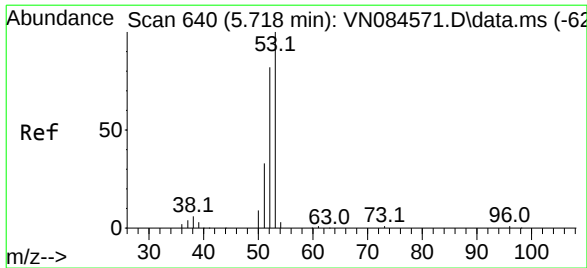
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#14
Allyl chloride
Concen: 53.110 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 41 Resp: 161833
Ion Ratio Lower Upper
41 100
39 66.6 59.0 88.6
76 35.6 29.8 44.6





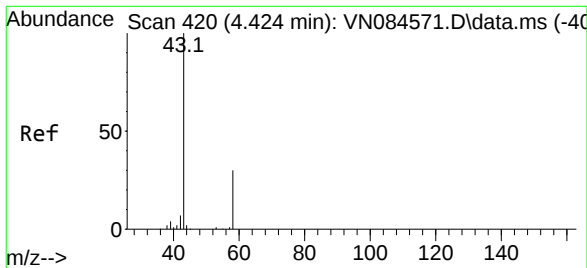
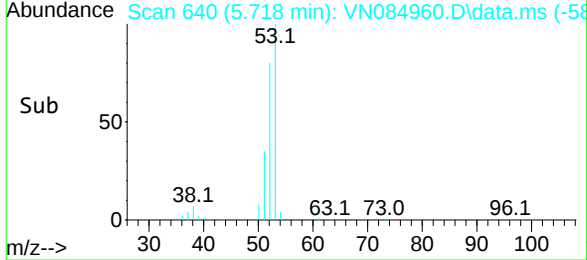
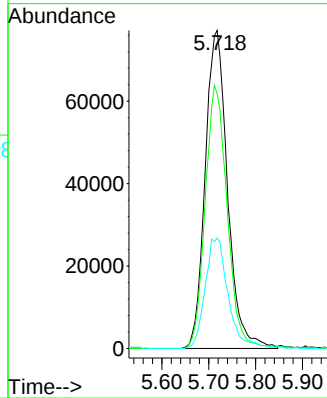
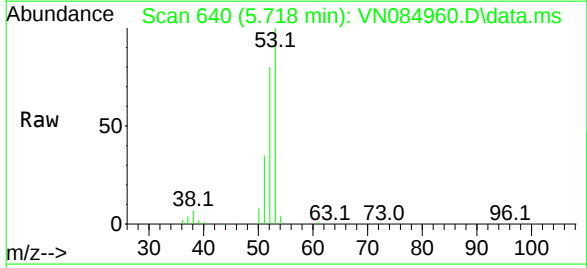
#15
Acrylonitrile
Concen: 280.842 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53	Resp: 255741
Ion Ratio	Lower Upper
53 100	
52 81.7	66.2 99.4
51 35.8	28.8 43.2

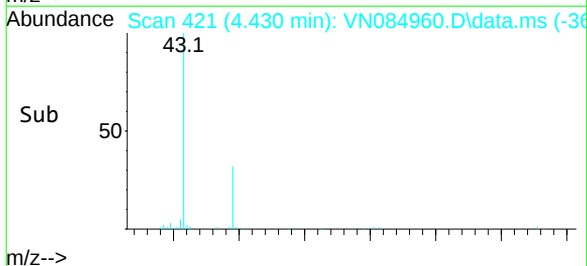
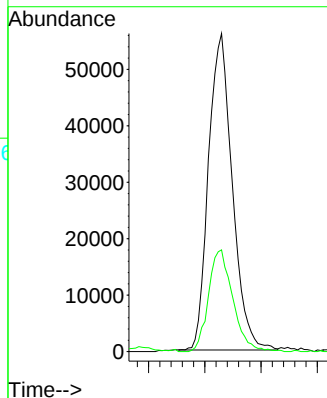
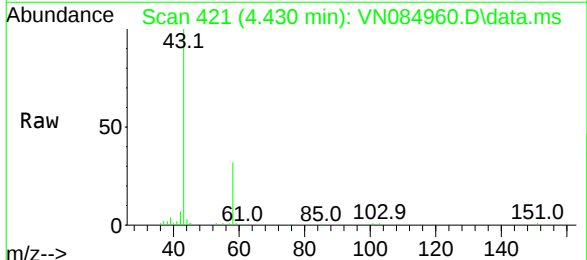
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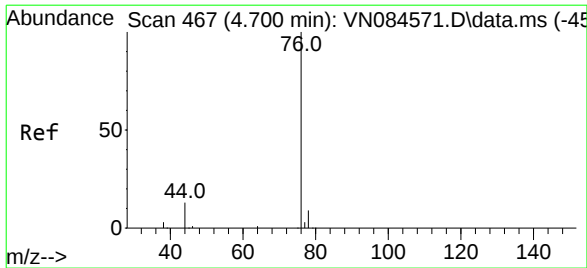
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#16
Acetone
Concen: 239.592 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 43	Resp: 165010
Ion Ratio	Lower Upper
43 100	
58 32.1	24.4 36.6





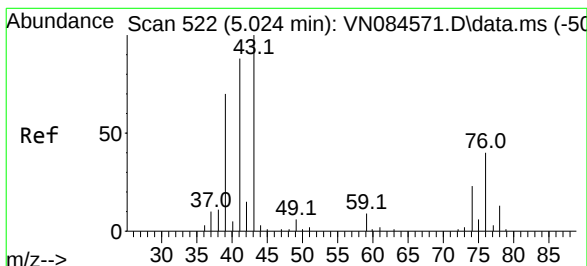
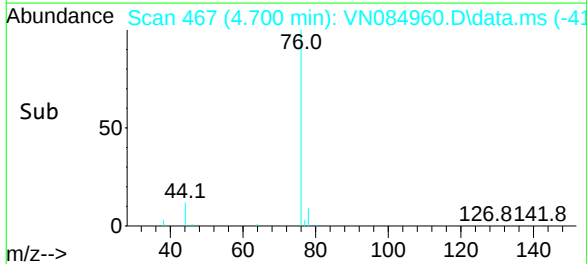
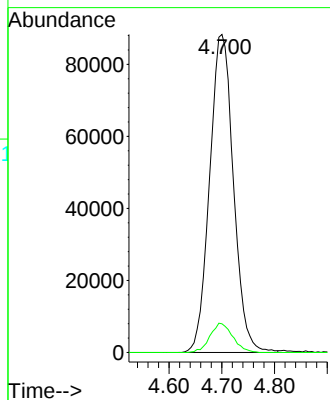
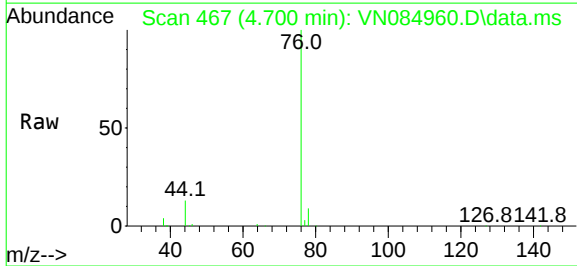
#17
Carbon Disulfide
Concen: 47.919 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 277268
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

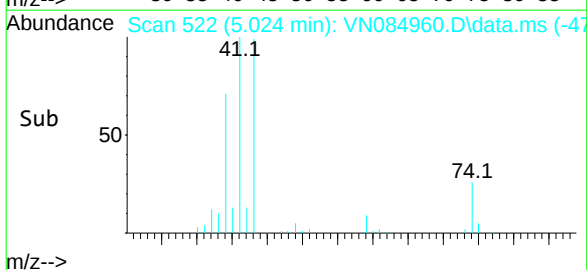
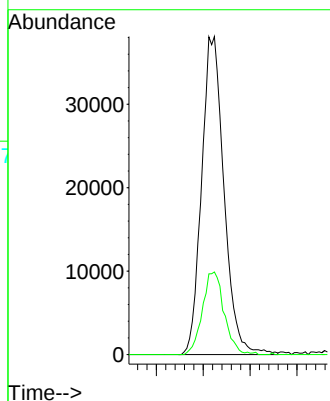
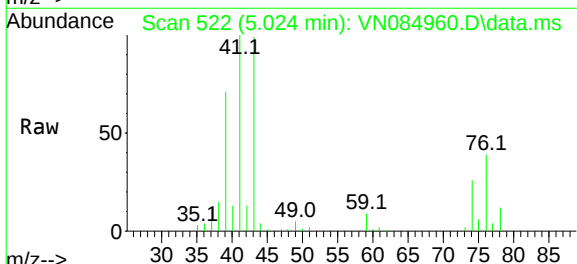
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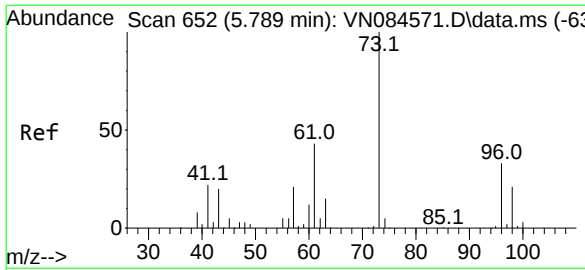
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#18
Methyl Acetate
Concen: 50.446 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 43 Resp: 126759
Ion Ratio Lower Upper
43 100
74 25.2 19.2 28.8





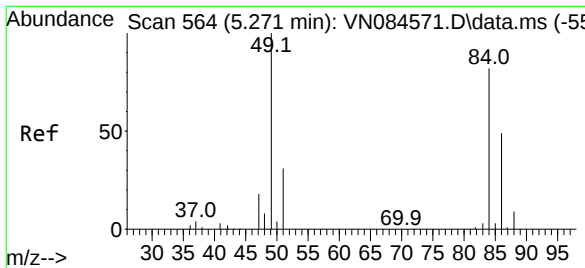
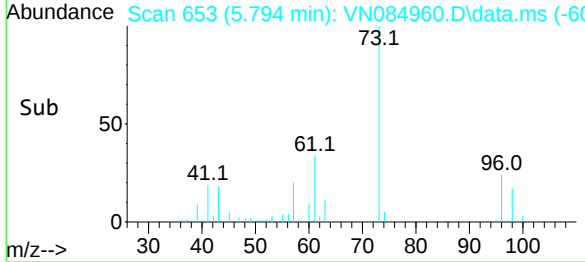
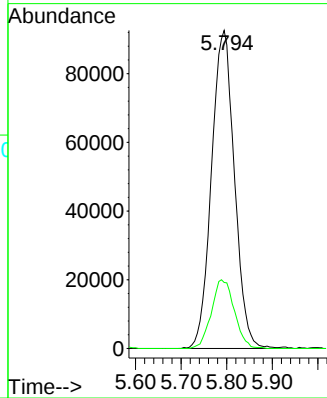
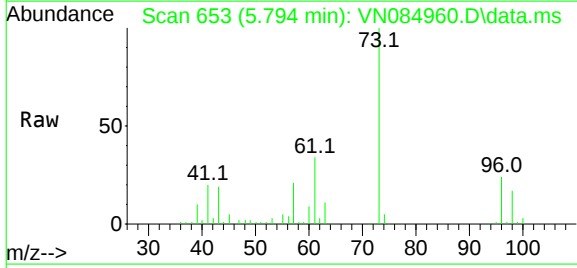
#19
Methyl tert-butyl Ether
Concen: 56.177 ug/l
RT: 5.794 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 323521
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

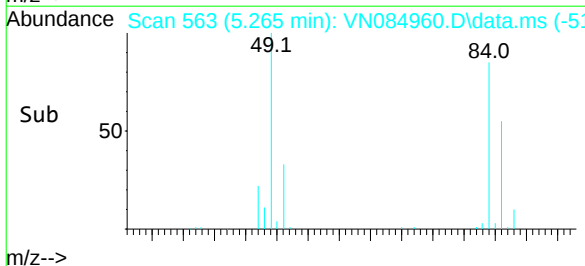
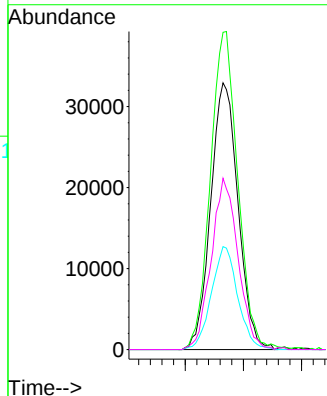
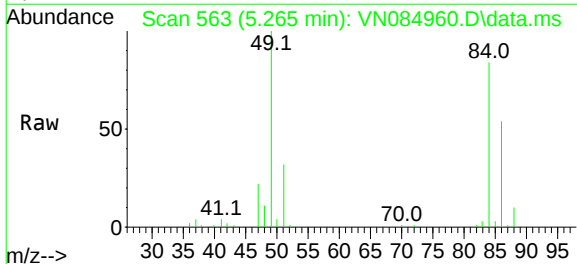
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Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#20
Methylene Chloride
Concen: 51.299 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 84 Resp: 107519
Ion Ratio Lower Upper
84 100
49 119.0 107.2 160.8
51 38.6 31.8 47.8
86 64.2 52.9 79.3





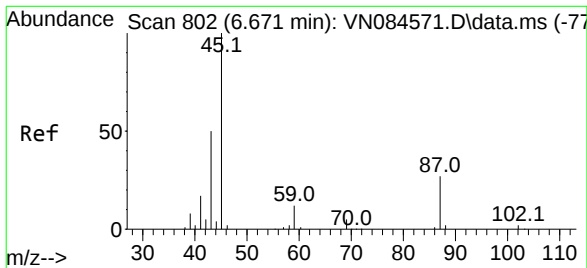
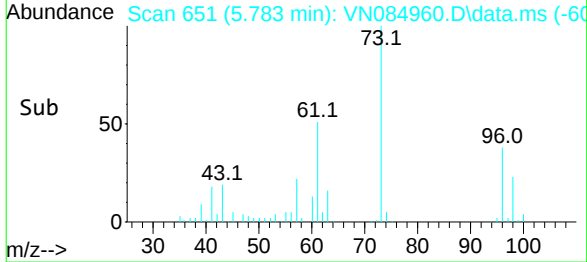
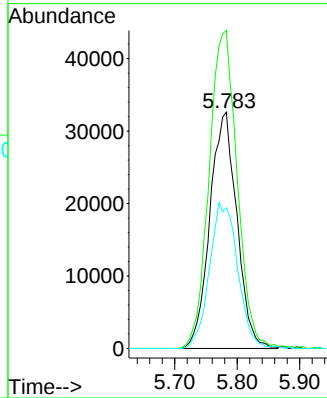
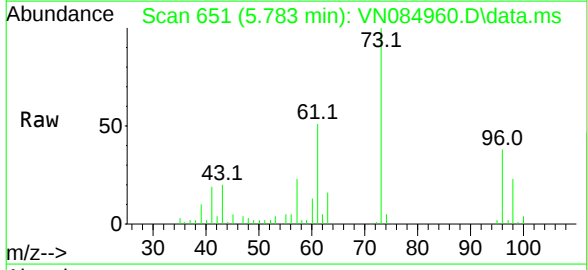
#21
trans-1,2-Dichloroethene
Concen: 50.781 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 97972
Ion Ratio Lower Upper
96 100
61 134.6 108.4 162.6
98 59.5 49.8 74.8

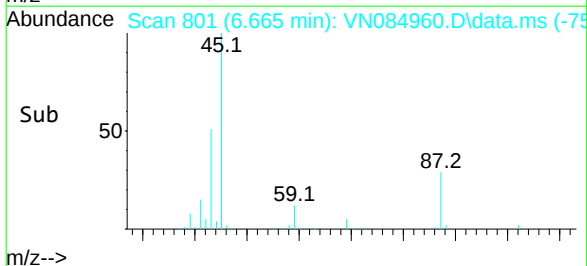
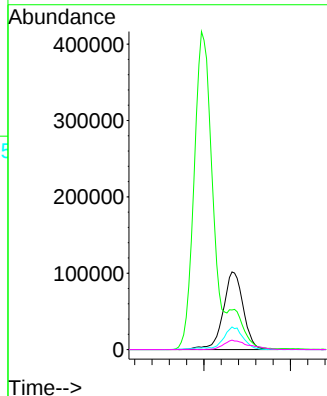
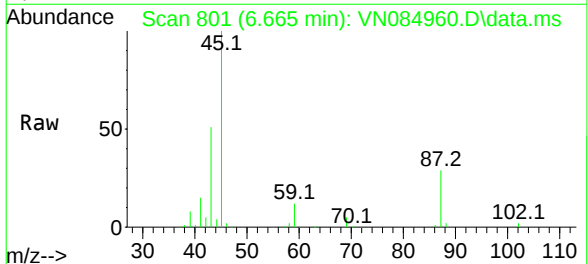
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Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#22
Diisopropyl ether
Concen: 53.937 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 45 Resp: 326570
Ion Ratio Lower Upper
45 100
43 50.0 42.3 63.5
87 29.1 21.8 32.6
59 12.0 9.6 14.4





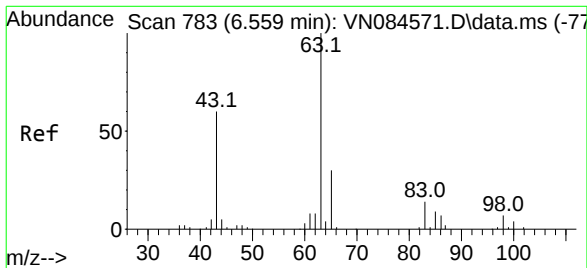
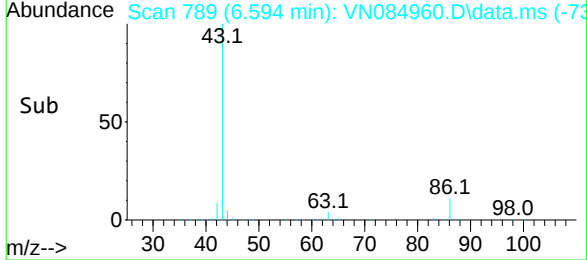
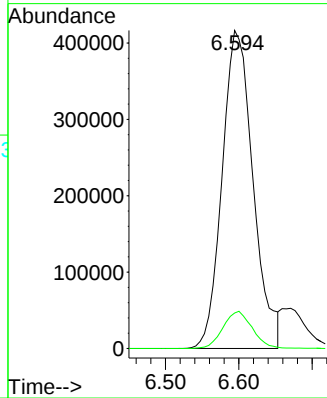
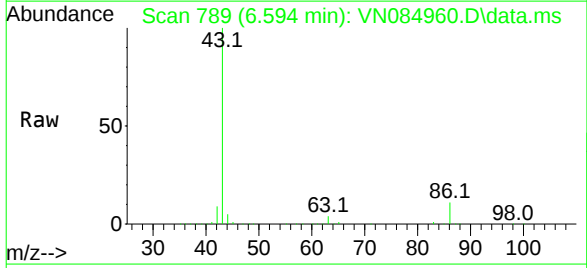
#23
 Vinyl Acetate
 Concen: 292.299 ug/l
 RT: 6.594 min Scan# 78
 Delta R.T. -0.006 min
 Lab File: VN084960.D
 Acq: 20 Nov 2024 11:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1220460
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

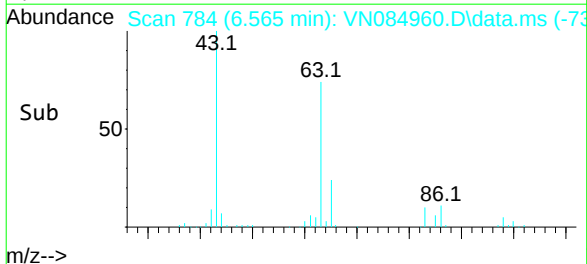
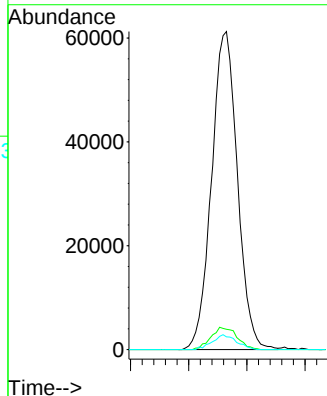
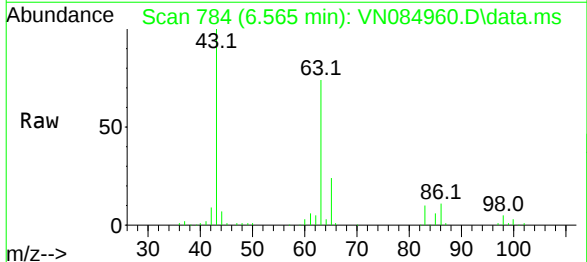
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#24
 1,1-Dichloroethane
 Concen: 52.053 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN084960.D
 Acq: 20 Nov 2024 11:18

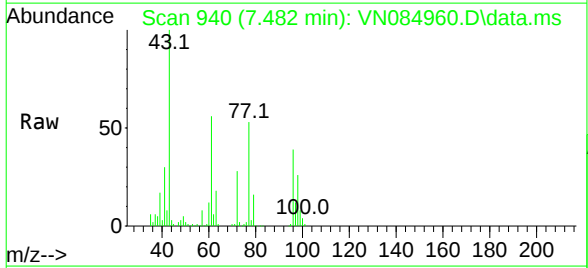
Tgt Ion: 63 Resp: 189216
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.0 2.0 5.8





#25
2-Butanone
Concen: 271.102 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

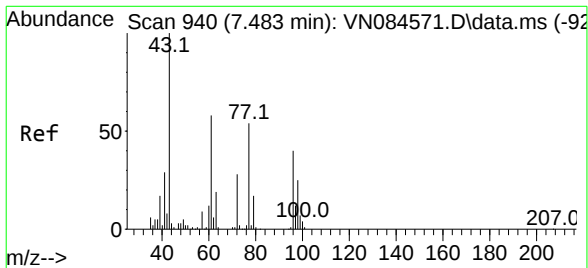
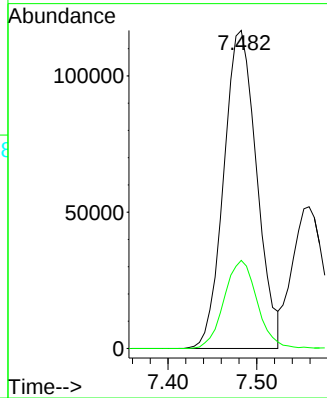
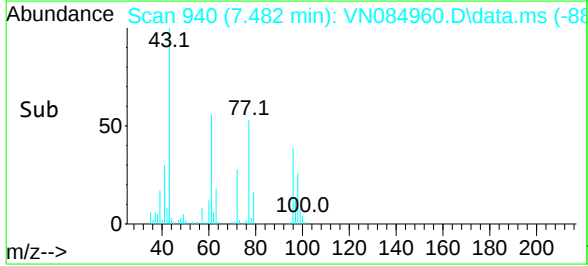
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



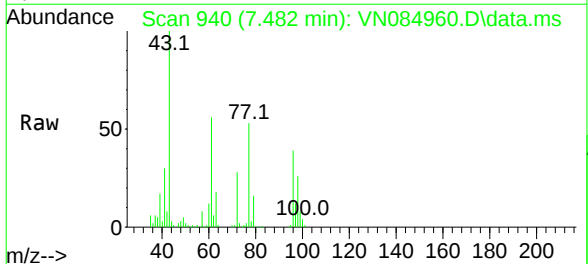
Tgt Ion: 43 Resp: 301402
Ion Ratio Lower Upper
43 100
72 27.7 21.4 32.2

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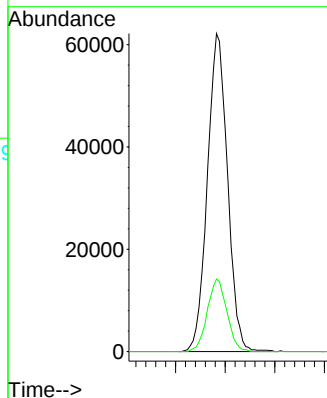
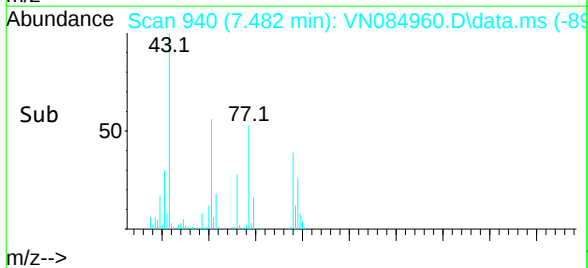
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#26
2,2-Dichloropropane
Concen: 55.420 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18



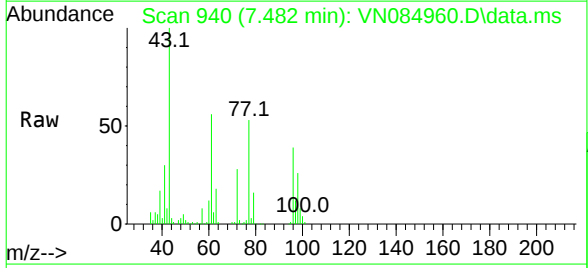
Tgt Ion: 77 Resp: 175340
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 52.668 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

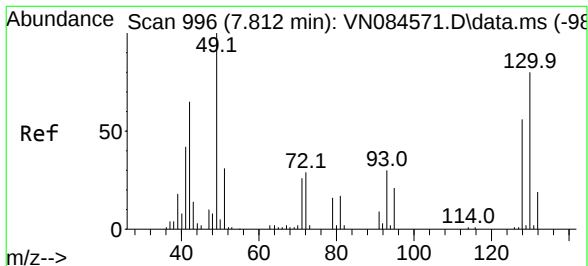
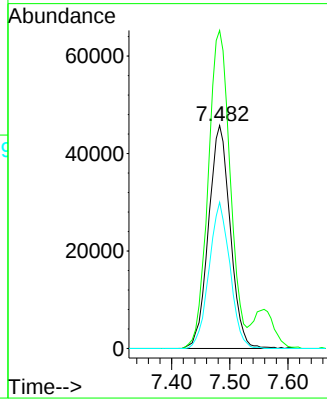
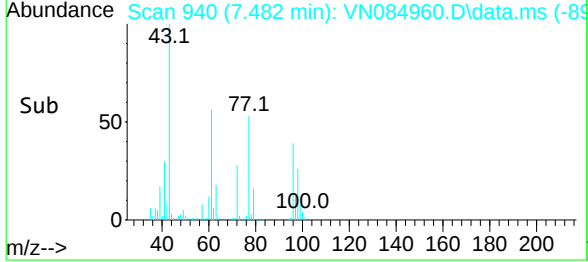
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 118648
Ion Ratio Lower Upper
96 100
61 144.8 0.0 301.8
98 63.1 0.0 128.2

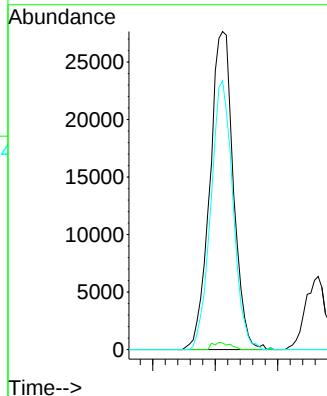
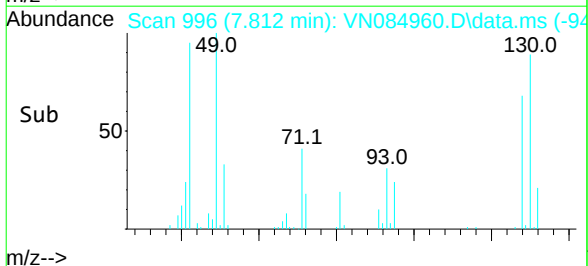
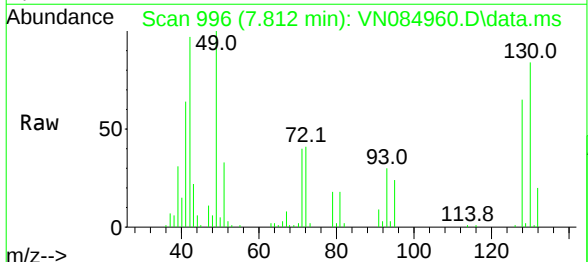
Manual Integrations
APPROVED

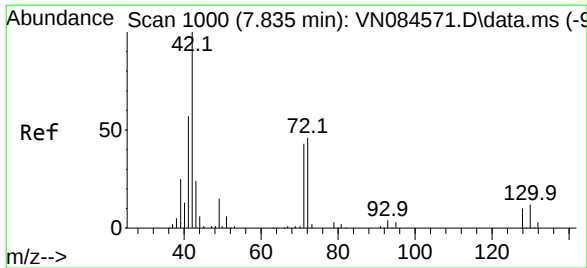
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#28
Bromochloromethane
Concen: 49.917 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 49 Resp: 72293
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 79.4 58.0 87.0





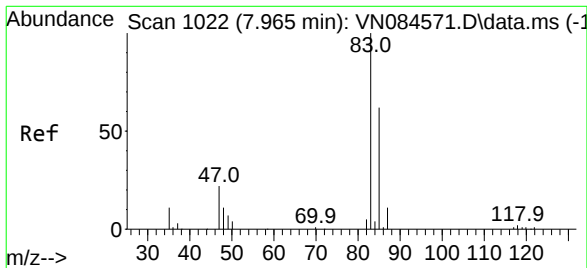
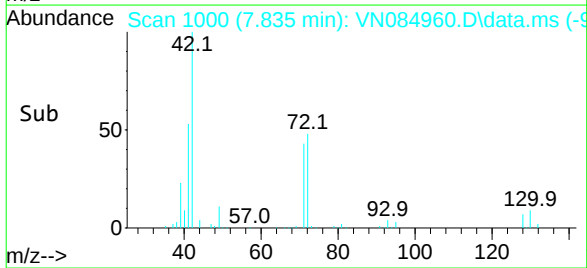
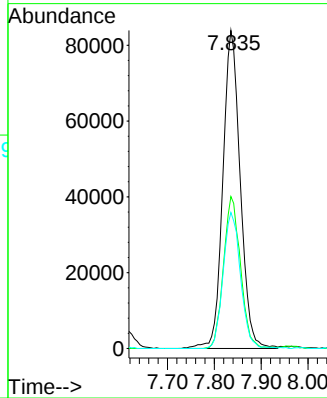
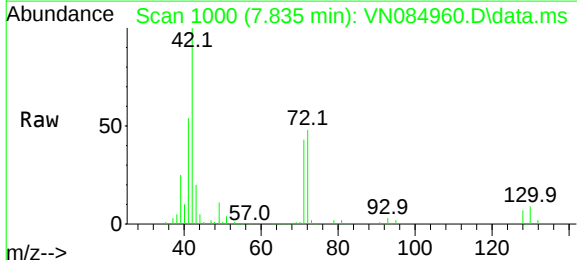
#29
Tetrahydrofuran
Concen: 293.003 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 216108
Ion Ratio Lower Upper
42 100
72 46.6 34.6 51.8
71 42.8 32.2 48.4

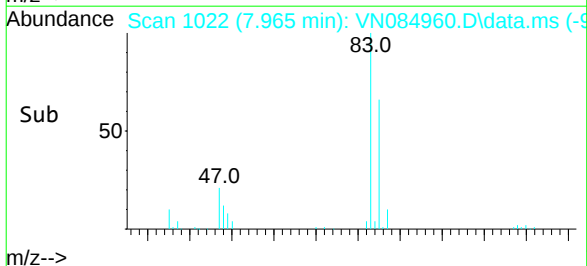
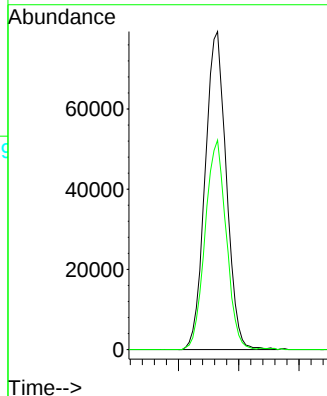
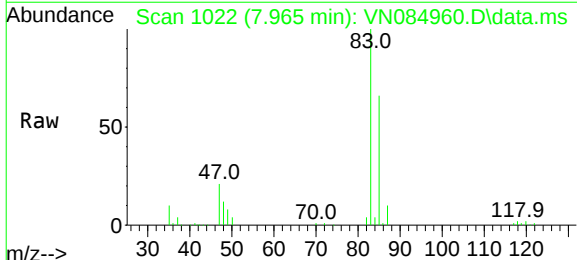
Manual Integrations
APPROVED

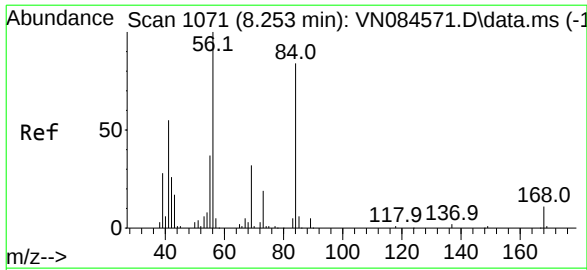
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#30
Chloroform
Concen: 52.416 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 83 Resp: 193933
Ion Ratio Lower Upper
83 100
85 65.8 51.0 76.4





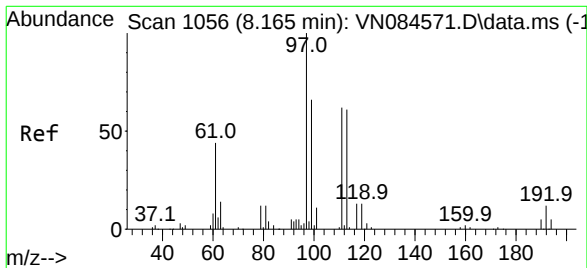
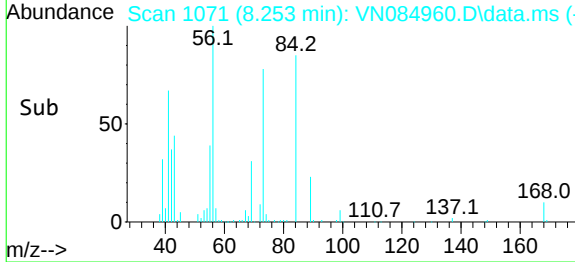
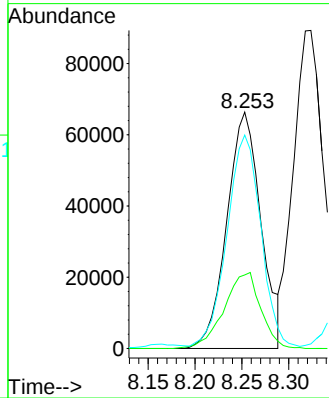
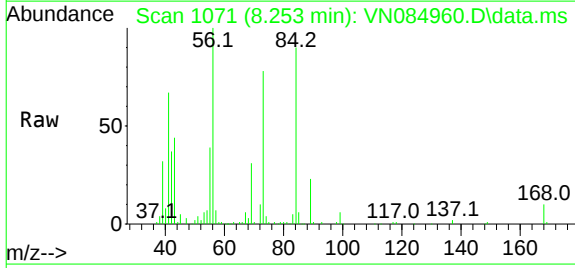
#31
Cyclohexane
Concen: 51.034 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 167902
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.6
84 89.0 68.8 103.2

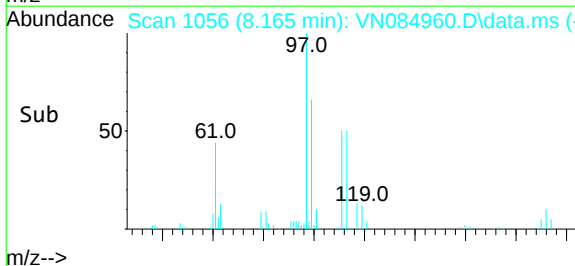
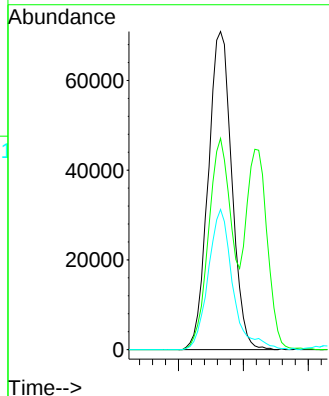
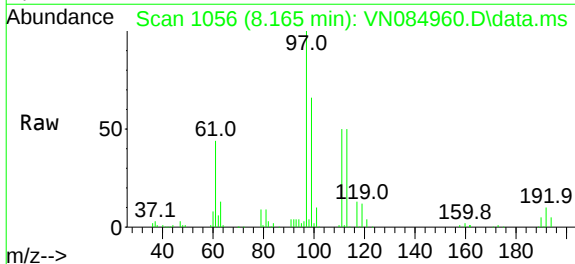
Manual Integrations
APPROVED

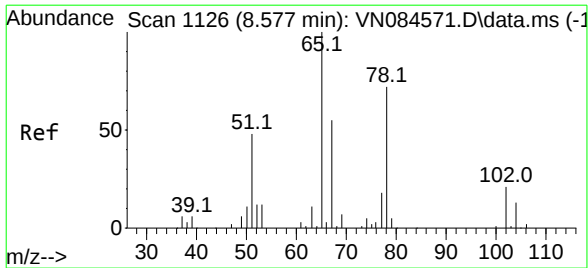
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#32
1,1,1-Trichloroethane
Concen: 53.137 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 97 Resp: 178940
Ion Ratio Lower Upper
97 100
99 66.2 51.2 76.8
61 45.7 37.5 56.3





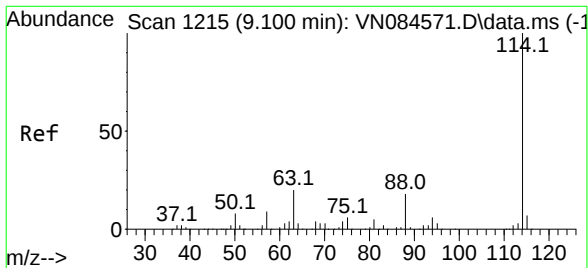
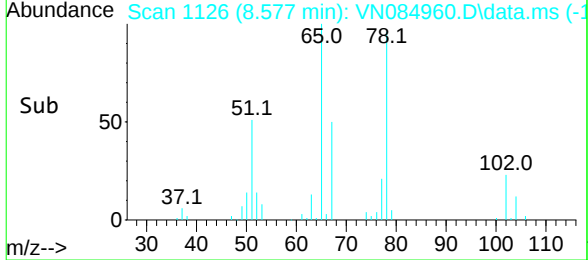
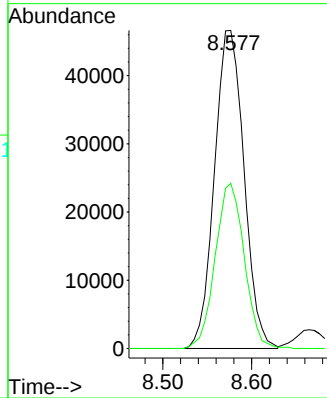
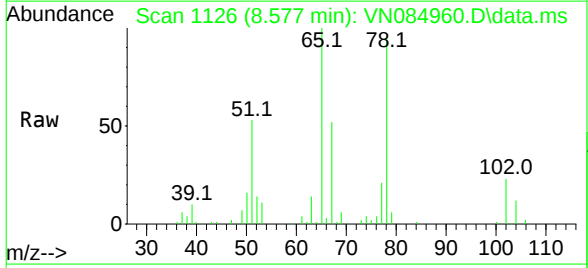
#33
1,2-Dichloroethane-d4
Concen: 45.219 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 107759
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.0

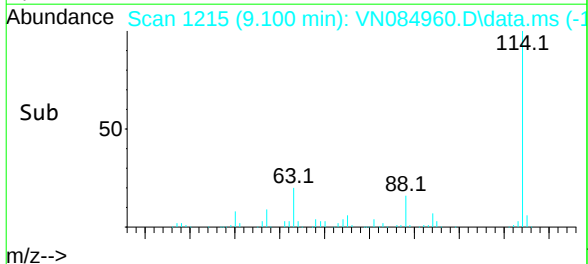
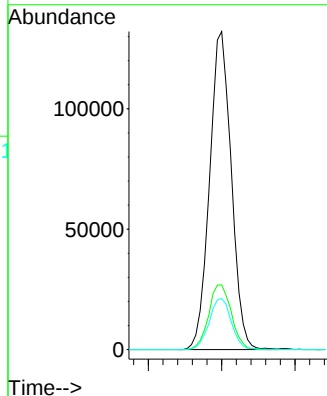
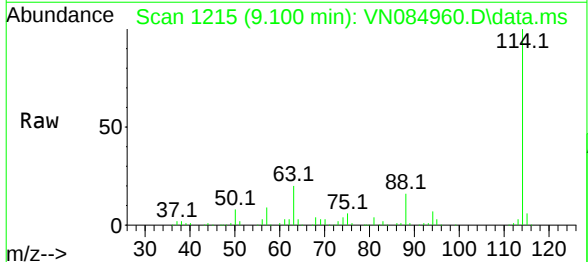
Manual Integrations
APPROVED

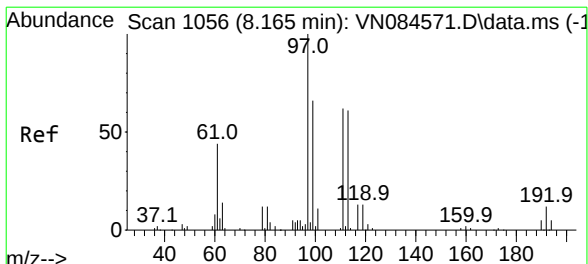
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

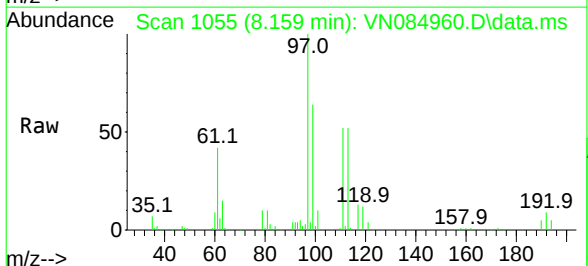
Tgt Ion:114 Resp: 271316
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.8
88 16.1 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 46.769 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084960.D
 Acq: 20 Nov 2024 11:18

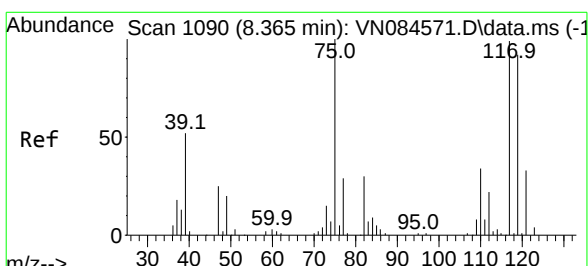
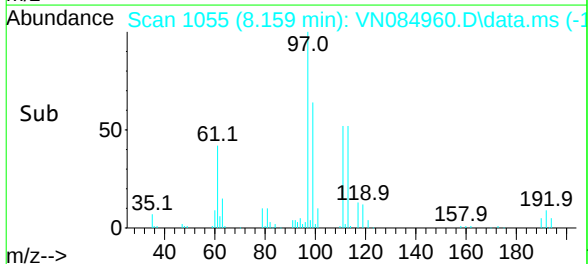
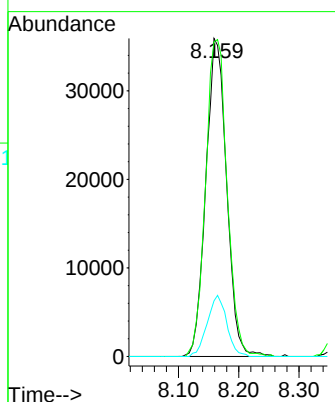
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



Tgt Ion:	113	Resp:	85896
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.3	124.9
192	18.1	13.5	20.3

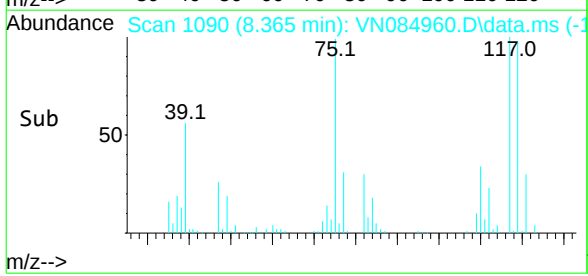
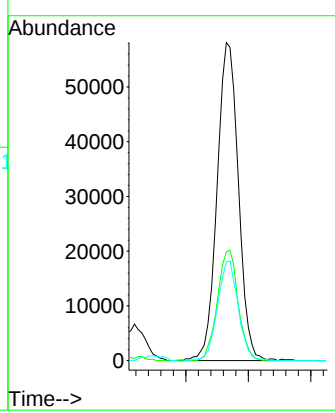
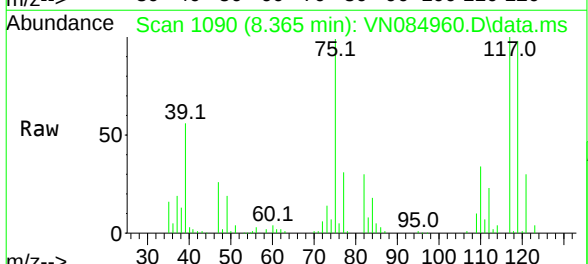
Manual Integrations
 APPROVED

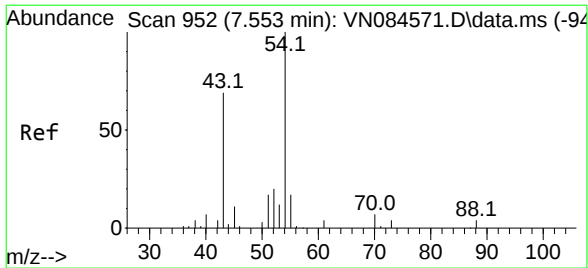
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#36
 1,1-Dichloropropene
 Concen: 54.113 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084960.D
 Acq: 20 Nov 2024 11:18

Tgt Ion:	75	Resp:	137824
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.7
77	30.5	24.7	37.1





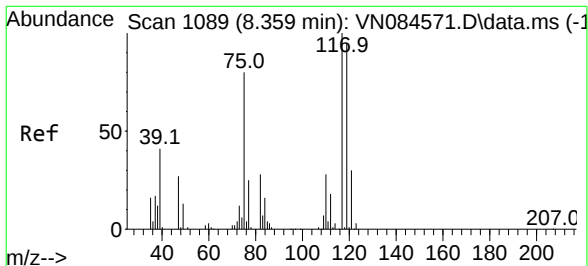
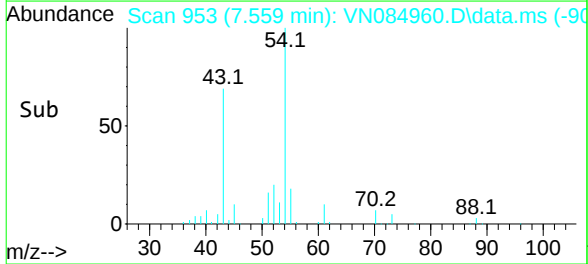
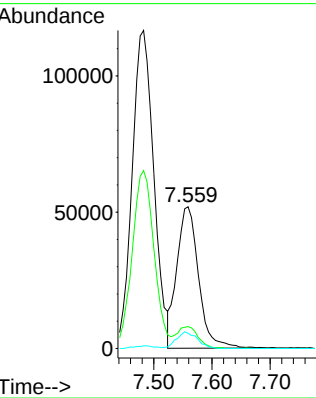
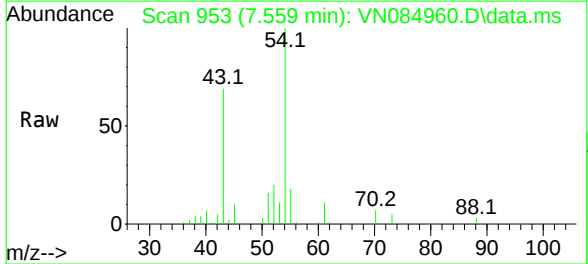
#37
Ethyl Acetate
Concen: 58.292 ug/l
RT: 7.559 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 134705
Ion Ratio	Lower Upper
43 100	
61 15.2	10.7 16.1
70 11.2	8.8 13.2

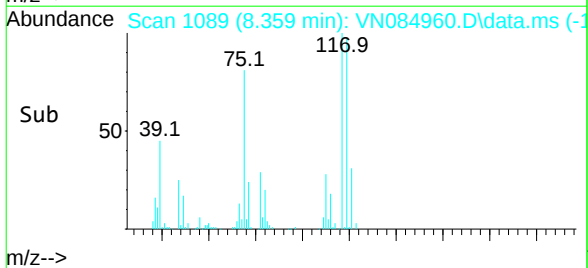
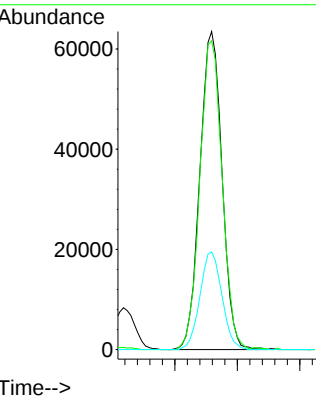
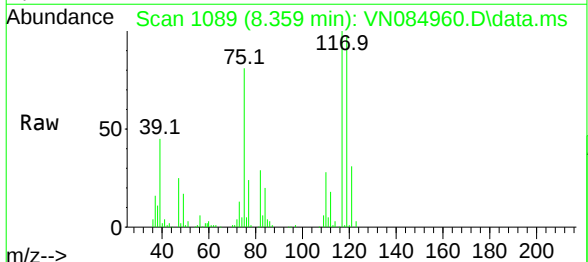
Manual Integrations
APPROVED

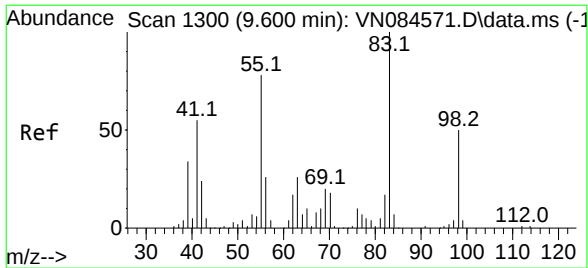
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#38
Carbon Tetrachloride
Concen: 54.908 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:117	Resp: 156315
Ion Ratio	Lower Upper
117 100	
119 97.1	78.7 118.1
121 30.7	24.4 36.6





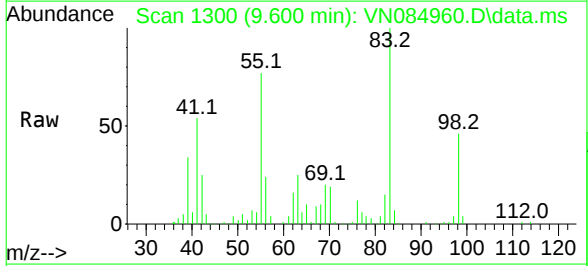
#39
Methylcyclohexane
Concen: 59.777 ug/l
RT: 9.600 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

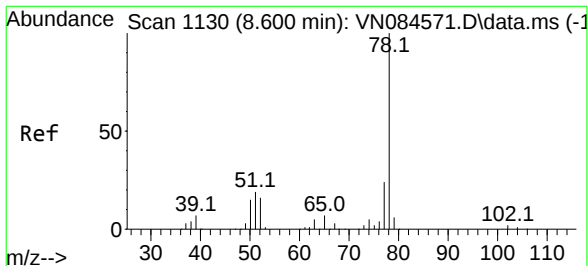
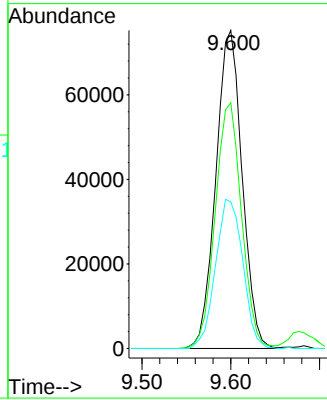
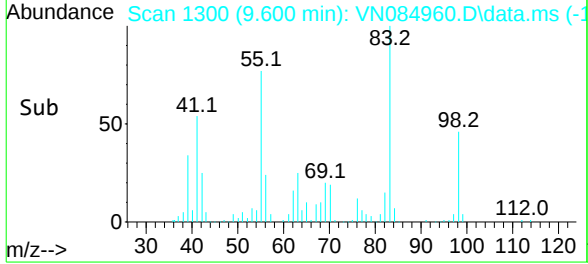
VSTDCCC050



Tgt Ion: 83 Resp: 154889
Ion Ratio Lower Upper
83 100
55 77.3 62.8 94.2
98 46.1 38.8 58.2

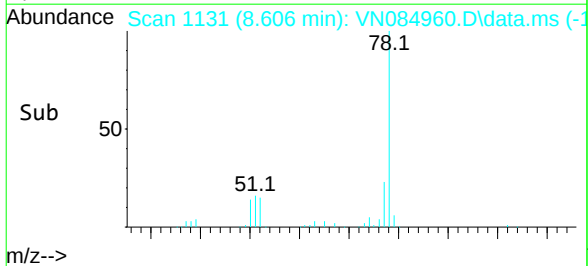
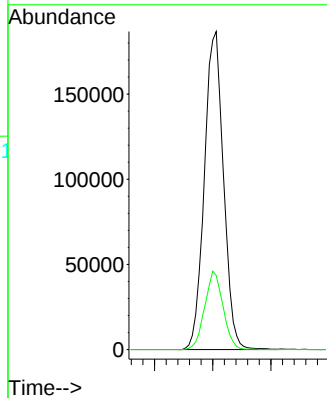
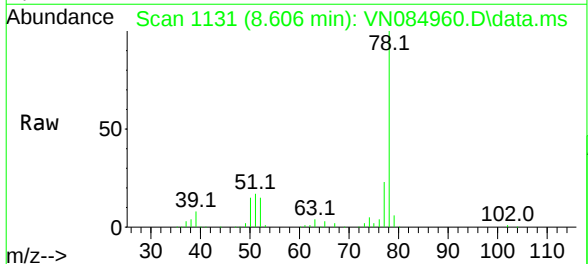
Manual Integrations
APPROVED

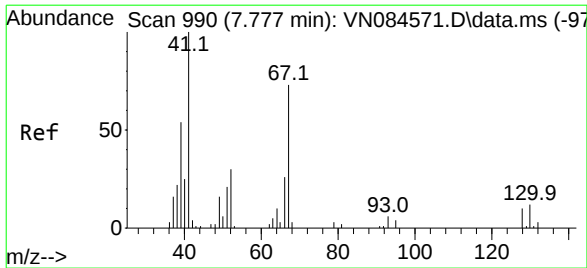
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#40
Benzene
Concen: 52.170 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 78 Resp: 426723
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





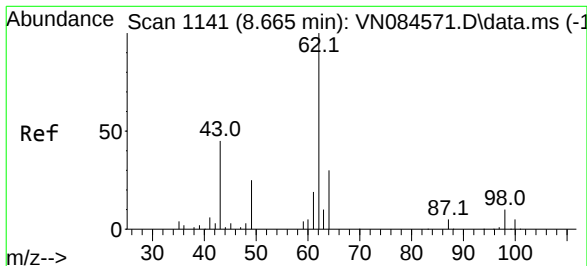
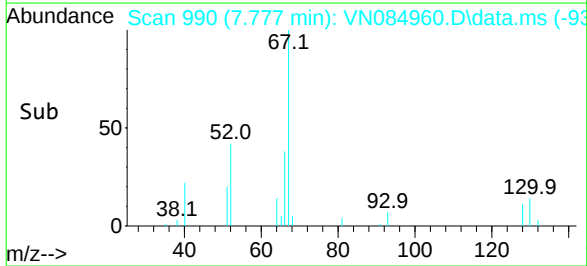
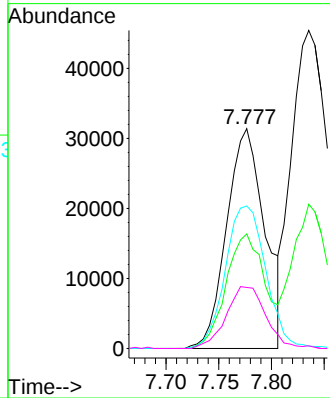
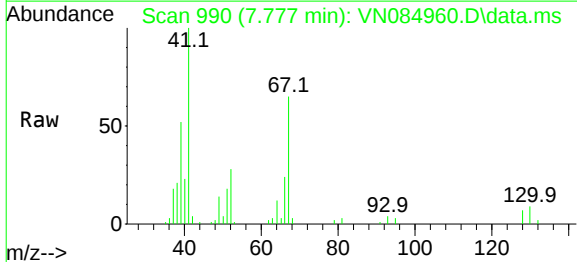
#41
Methacrylonitrile
Concen: 63.513 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	78926
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.3	64.9
67	69.3	56.1	84.1
52	29.3	24.5	36.7

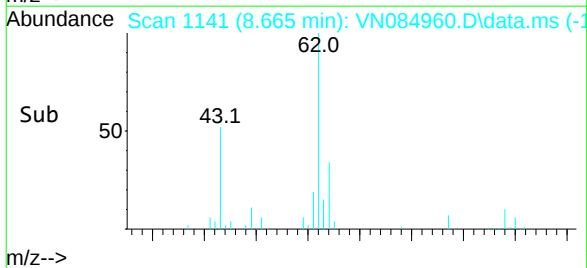
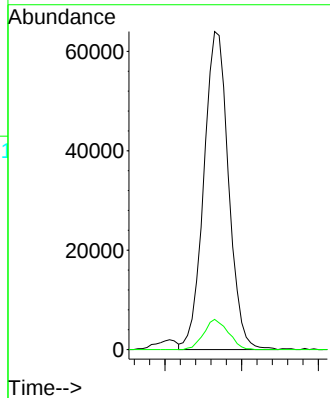
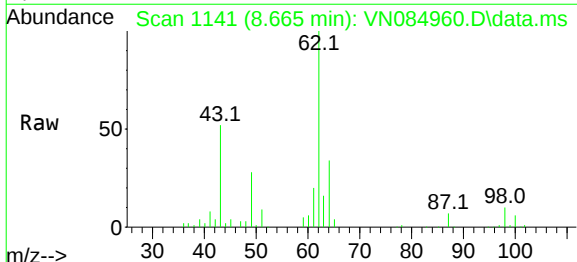
Manual Integrations
APPROVED

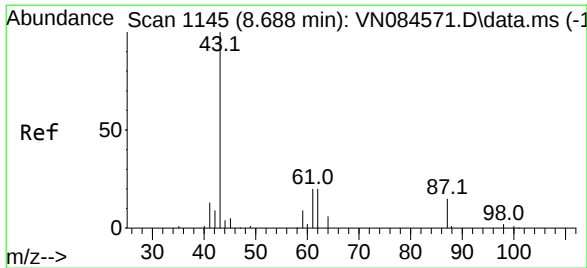
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#42
1,2-Dichloroethane
Concen: 54.090 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:	62	Resp:	143286
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





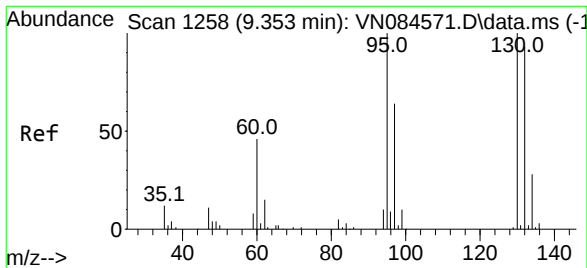
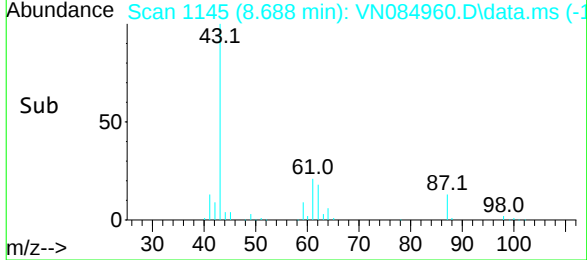
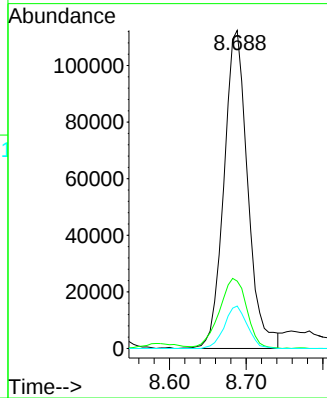
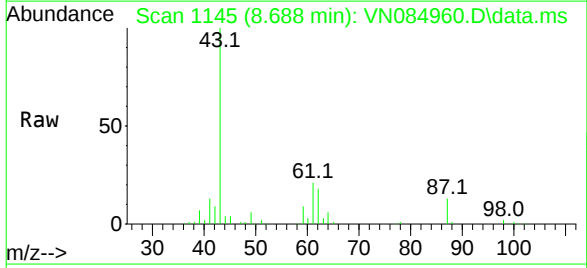
#43
Isopropyl Acetate
Concen: 56.930 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 242469
Ion Ratio Lower Upper
43 100
61 25.5 20.4 30.6
87 12.9 10.3 15.5

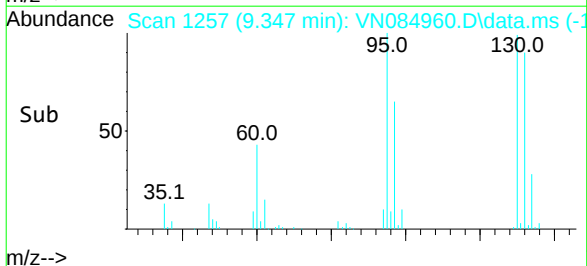
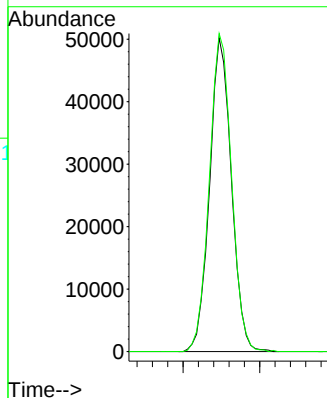
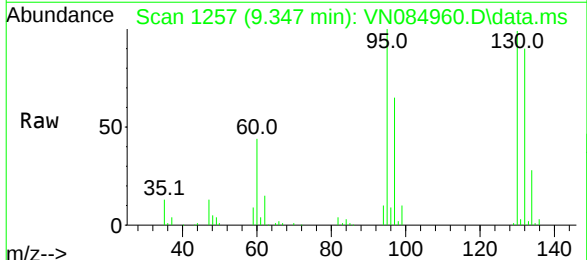
Manual Integrations
APPROVED

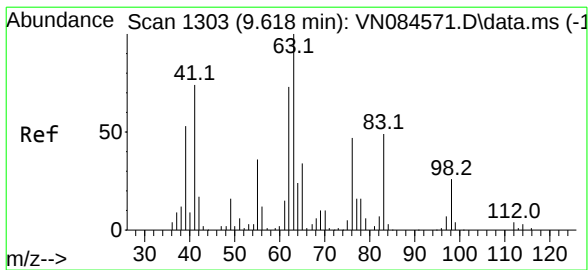
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#44
Trichloroethene
Concen: 52.511 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:130 Resp: 99056
Ion Ratio Lower Upper
130 100
95 101.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 54.331 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 104248

Ion Ratio Lower Upper

63 100

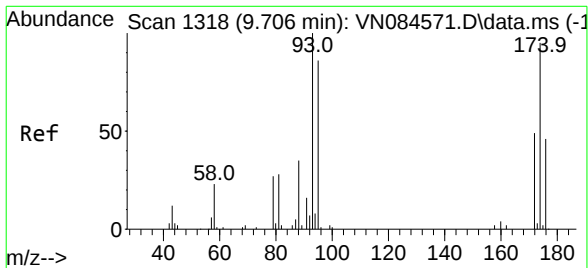
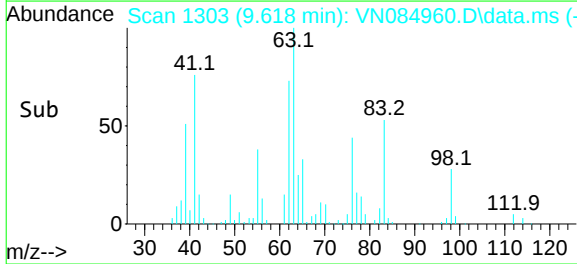
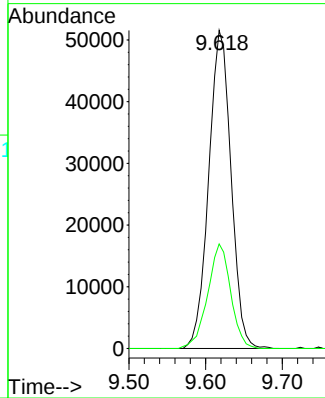
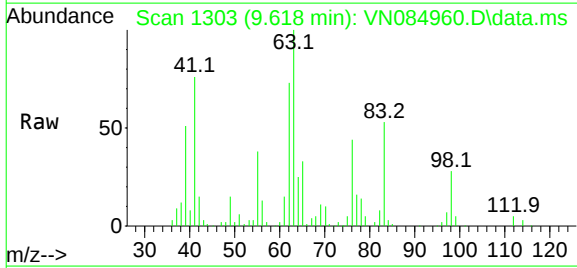
65 32.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#46

Dibromomethane

Concen: 54.624 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

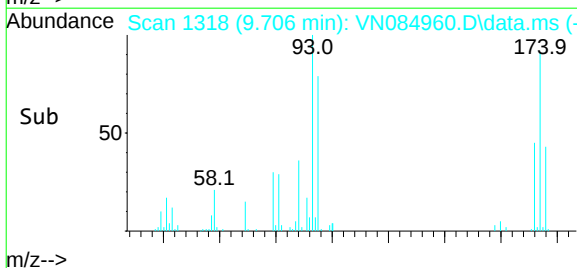
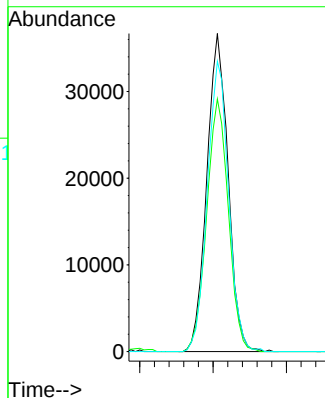
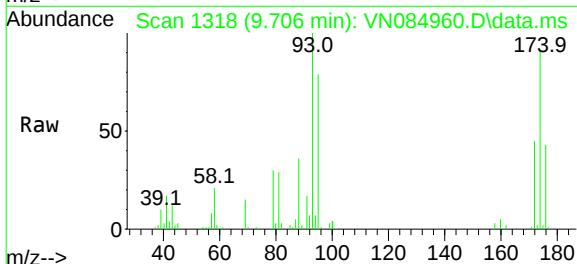
Tgt Ion: 93 Resp: 73957

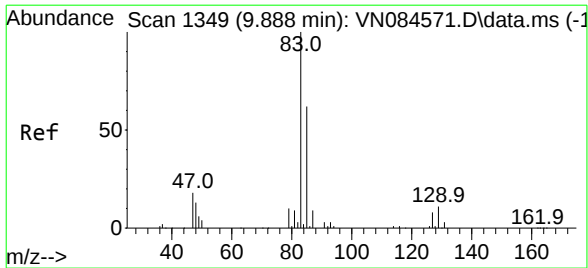
Ion Ratio Lower Upper

93 100

95 80.8 65.0 97.4

174 91.4 71.8 107.8





#47
 Bromodichloromethane
 Concen: 54.053 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN084960.D
 Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

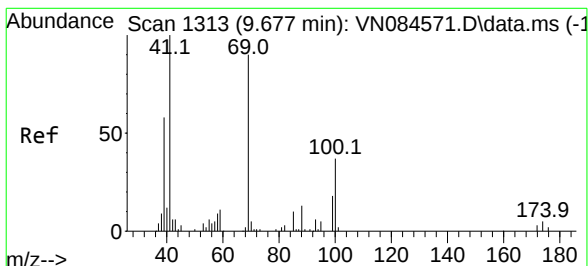
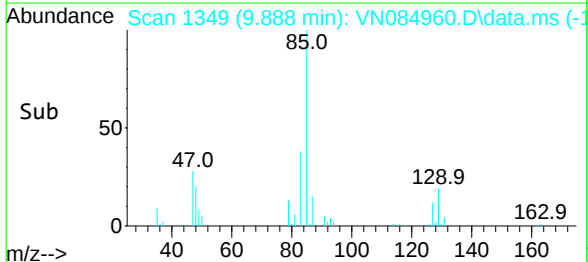
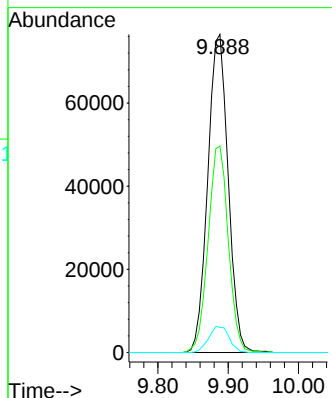
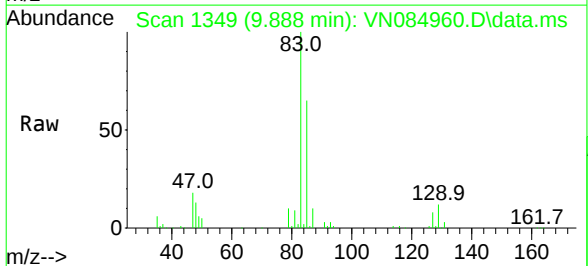
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	154269
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3
127	7.9	5.7	8.5

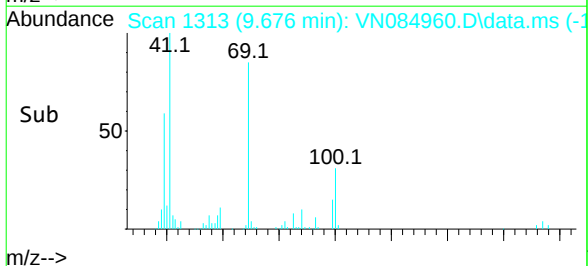
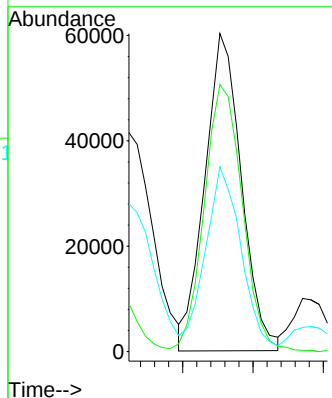
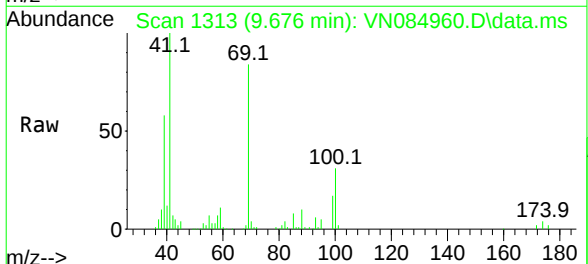
Manual Integrations
 APPROVED

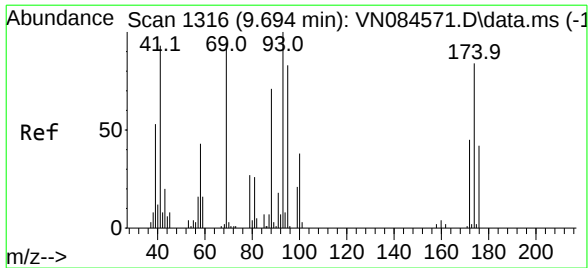
Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#48
 Methyl methacrylate
 Concen: 60.645 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084960.D
 Acq: 20 Nov 2024 11:18

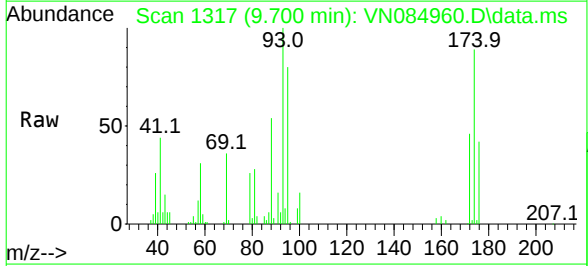
Tgt Ion:	41	Resp:	109069
Ion	Ratio	Lower	Upper
41	100		
69	87.6	67.1	100.7
39	57.6	45.8	68.6





#49
1,4-Dioxane
Concen: 1139.408 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

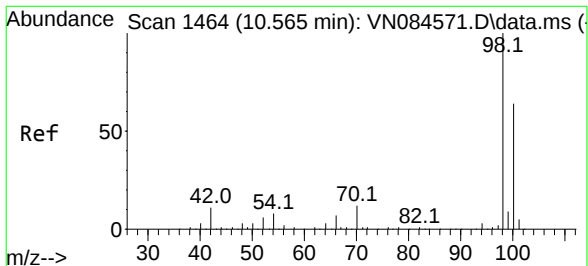
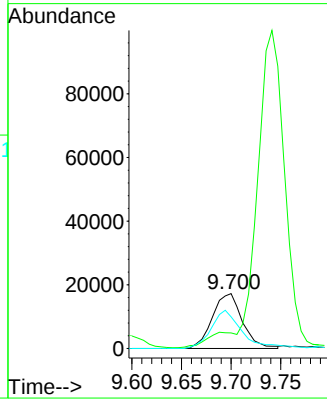
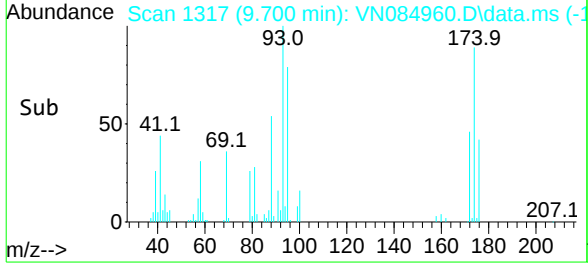
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 36313
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 72.1 56.4 84.6

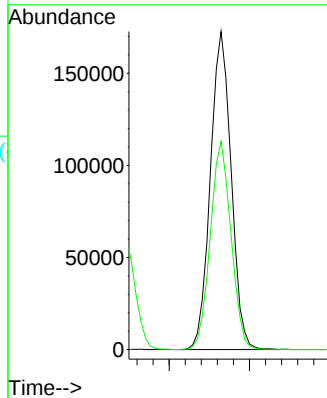
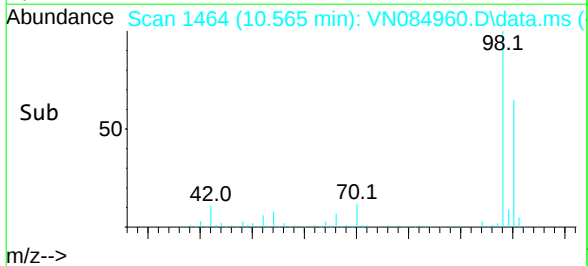
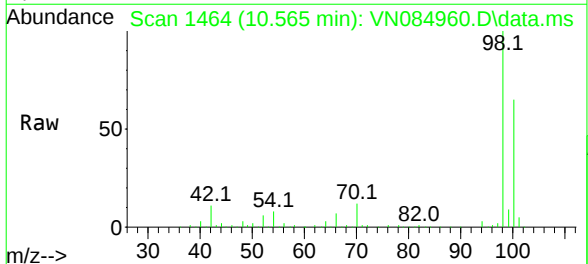
Manual Integrations
APPROVED

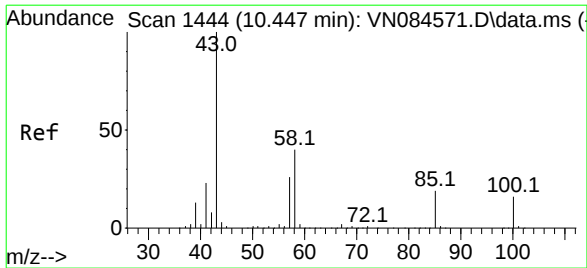
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#50
Toluene-d8
Concen: 45.930 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 98 Resp: 310714
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





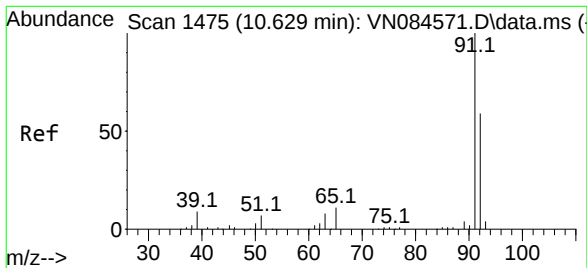
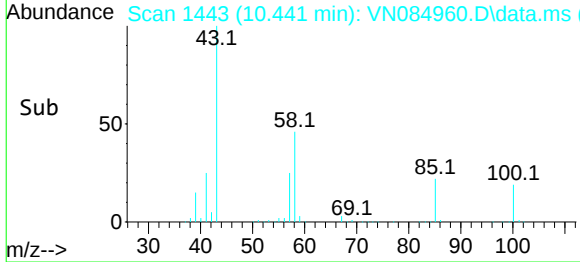
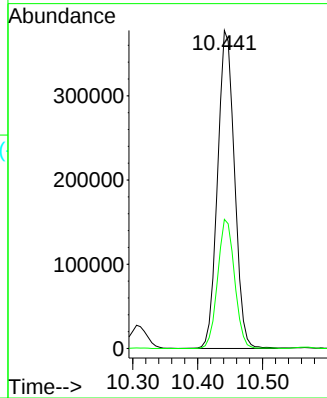
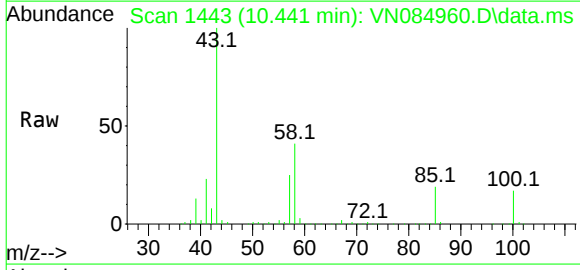
#51
4-Methyl-2-Pentanone
Concen: 310.450 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 683902
Ion Ratio Lower Upper
43 100
58 40.7 31.6 47.4

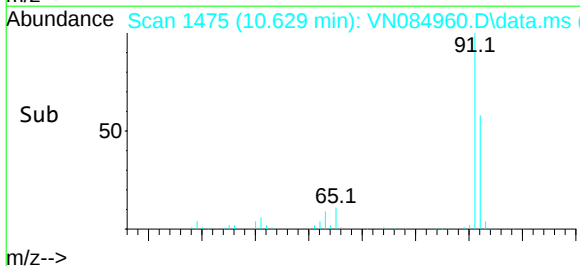
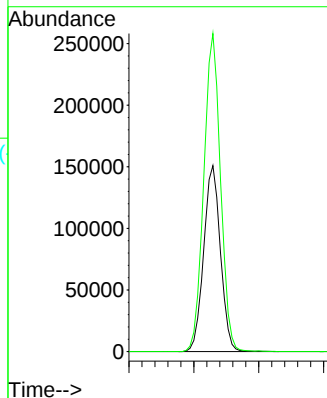
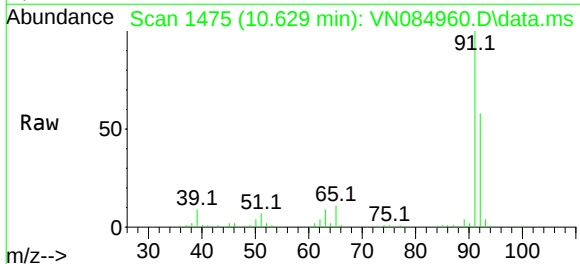
Manual Integrations
APPROVED

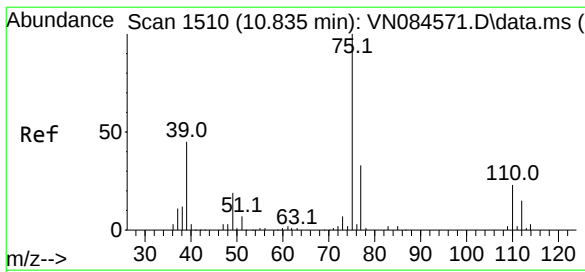
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#52
Toluene
Concen: 56.456 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

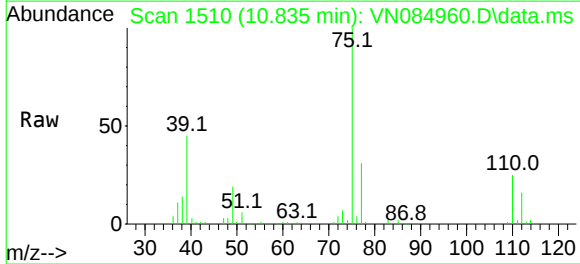
Tgt Ion: 92 Resp: 270072
Ion Ratio Lower Upper
92 100
91 171.2 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 54.366 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

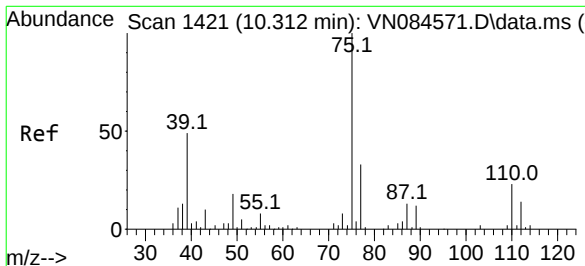
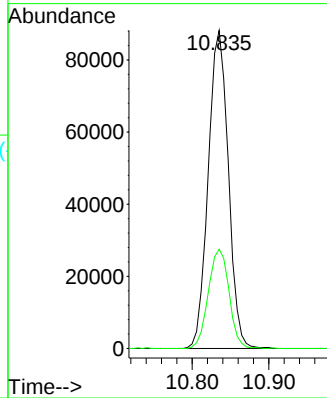
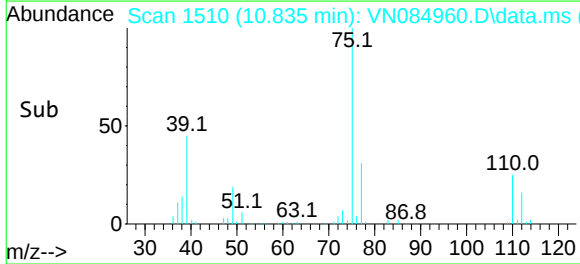
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



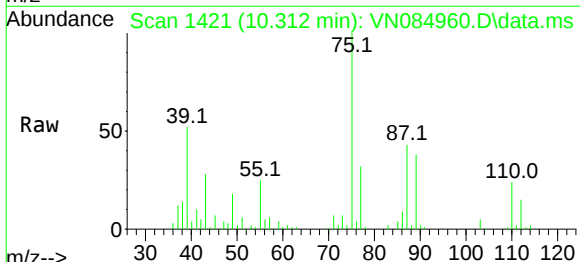
Tgt Ion: 75 Resp: 160608
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

Manual Integrations
APPROVED

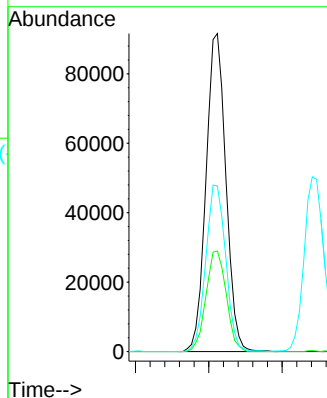
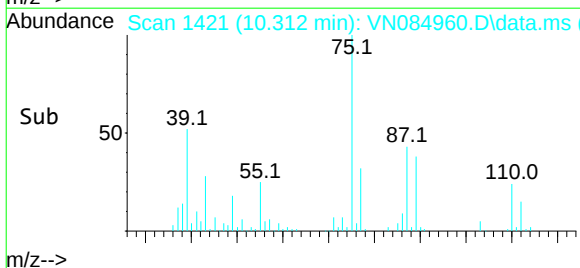
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

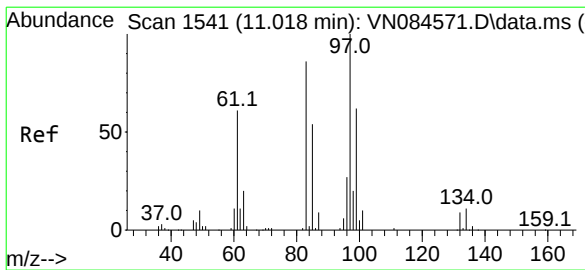


#54
cis-1,3-Dichloropropene
Concen: 55.045 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18



Tgt Ion: 75 Resp: 172110
Ion Ratio Lower Upper
75 100
77 31.6 24.2 36.2
39 52.1 38.7 58.1





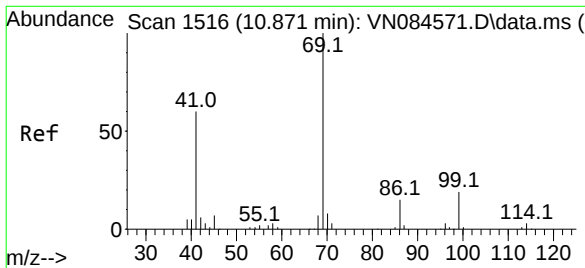
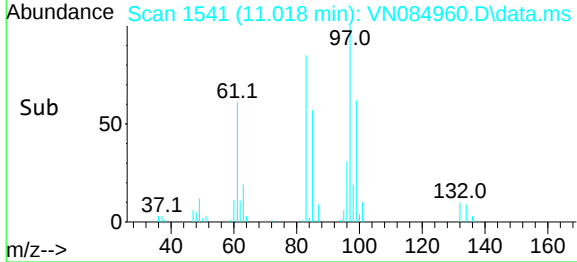
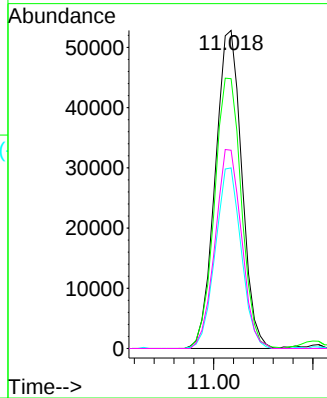
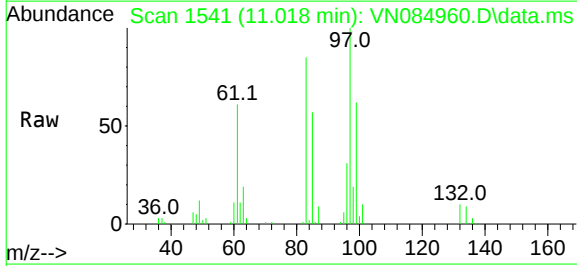
#55
1,1,2-Trichloroethane
Concen: 54.394 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	97	Resp:	98018
Ion	Ratio	Lower	Upper
97	100		
83	84.8	71.0	106.4
85	56.8	41.7	62.5
99	62.3	50.1	75.1

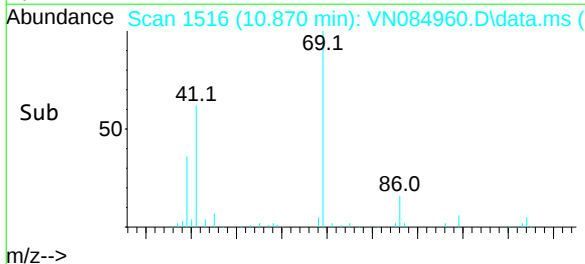
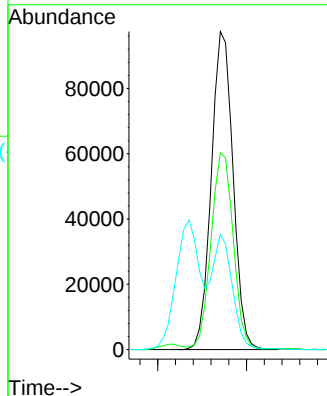
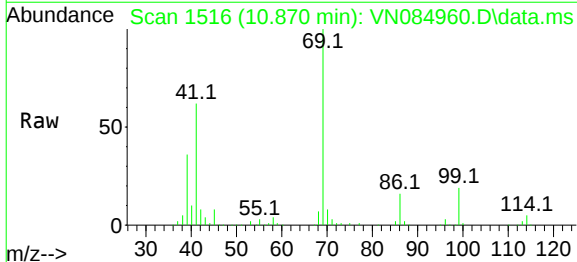
Manual Integrations
APPROVED

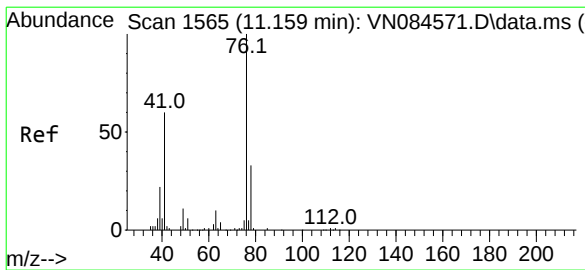
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#56
Ethyl methacrylate
Concen: 63.590 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

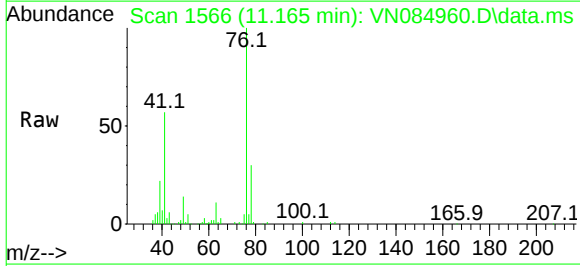
Tgt Ion:	69	Resp:	165749
Ion	Ratio	Lower	Upper
69	100		
41	63.0	53.3	79.9
39	34.4	28.8	43.2





#57
1,3-Dichloropropane
Concen: 55.619 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

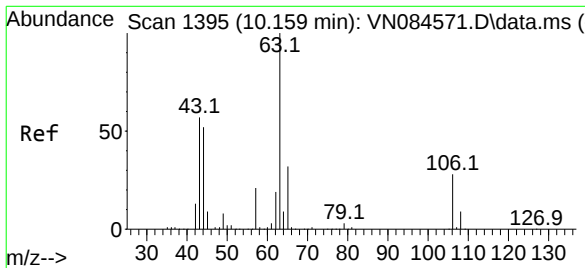
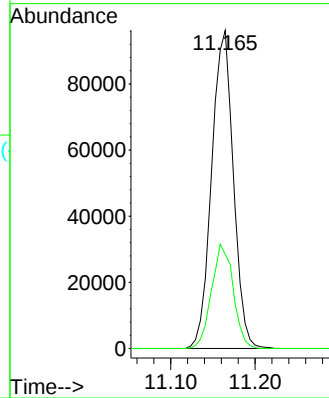
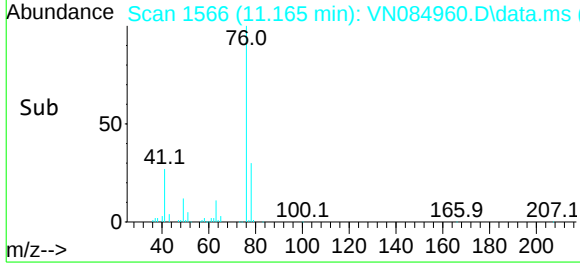
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 172010
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

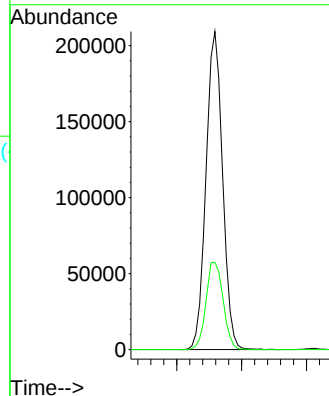
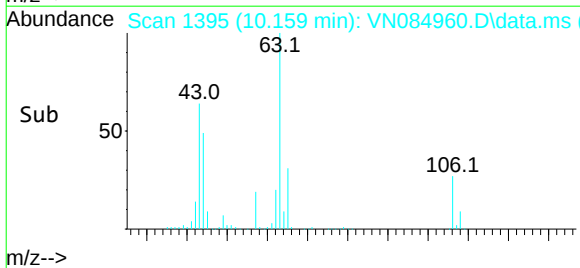
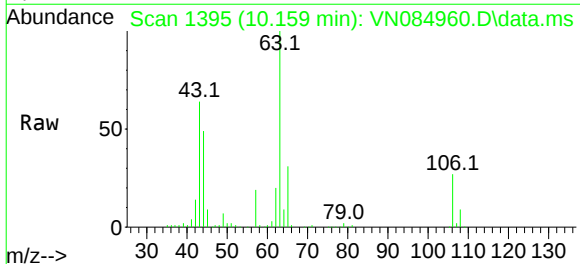
Manual Integrations
APPROVED

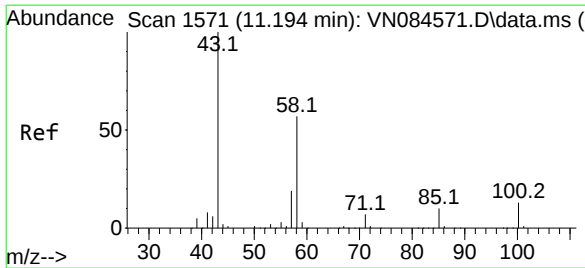
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 304.461 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 63 Resp: 371343
Ion Ratio Lower Upper
63 100
106 28.5 21.8 32.6





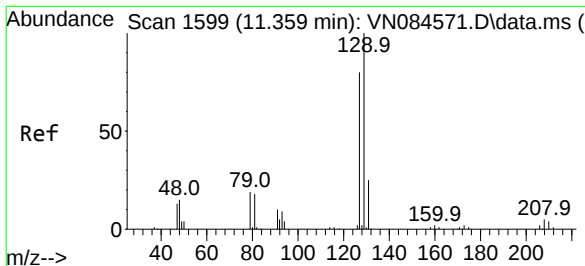
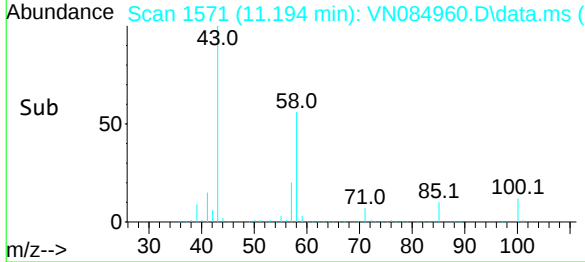
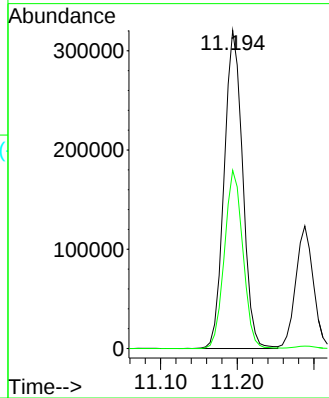
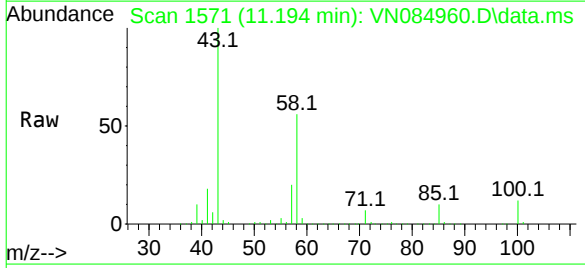
#59
2-Hexanone
Concen: 334.603 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 536530
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8

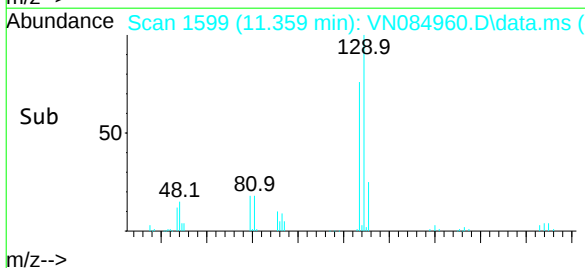
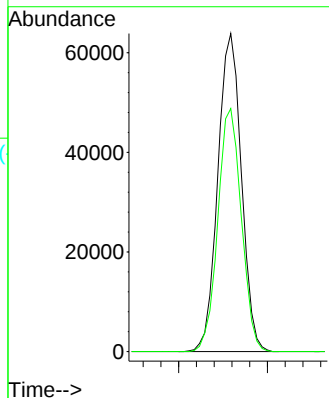
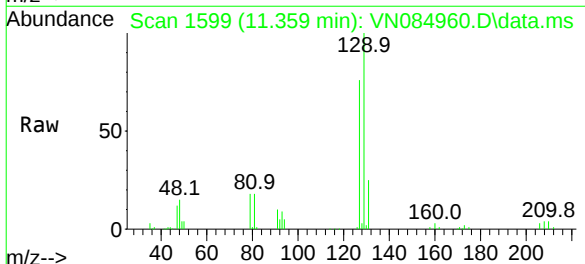
Manual Integrations
APPROVED

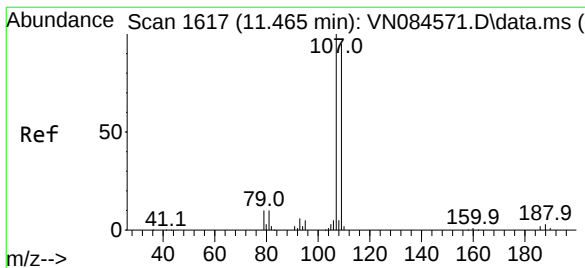
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#60
Dibromochloromethane
Concen: 57.305 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:129 Resp: 117689
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9





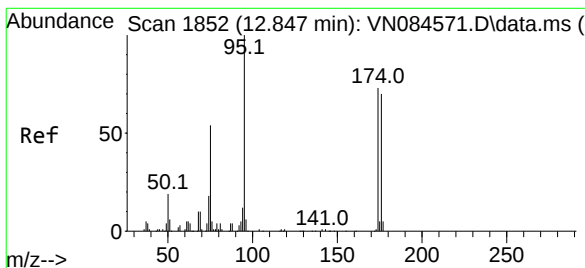
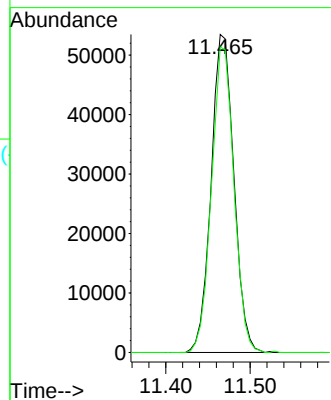
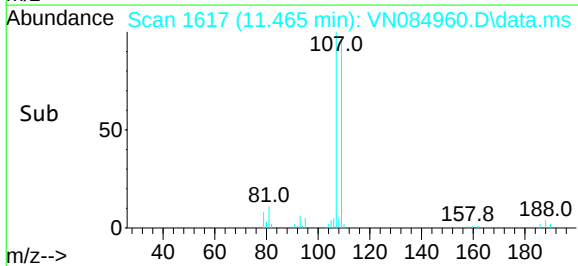
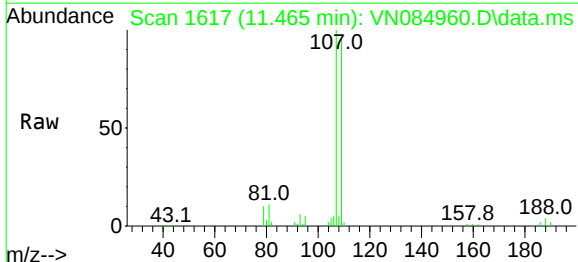
#61
1,2-Dibromoethane
Concen: 54.368 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 100326
Ion Ratio Lower Upper
107 100
109 94.6 75.4 113.0

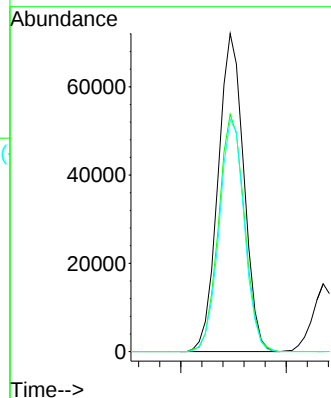
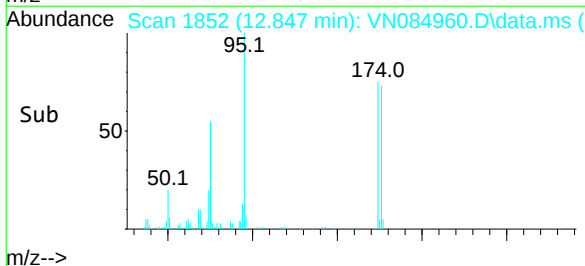
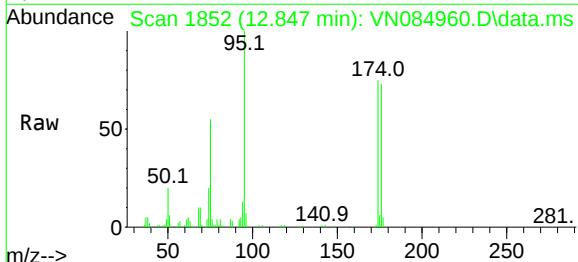
Manual Integrations
APPROVED

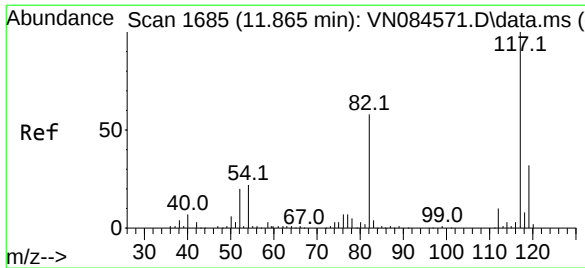
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#62
4-Bromofluorobenzene
Concen: 48.235 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 95 Resp: 121953
Ion Ratio Lower Upper
95 100
174 75.2 0.0 145.2
176 71.6 0.0 140.0





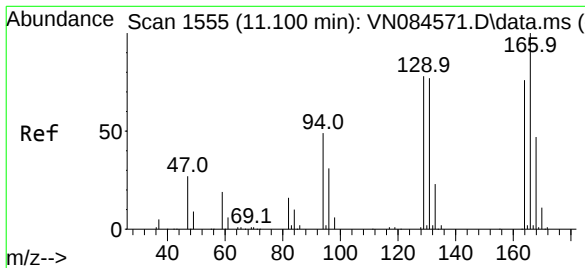
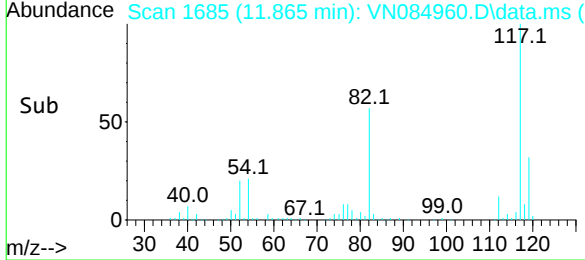
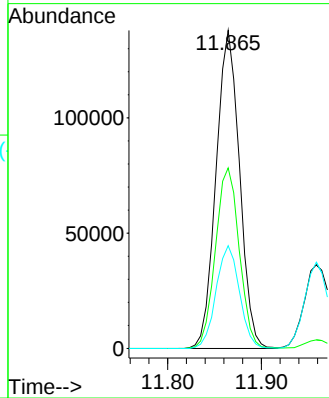
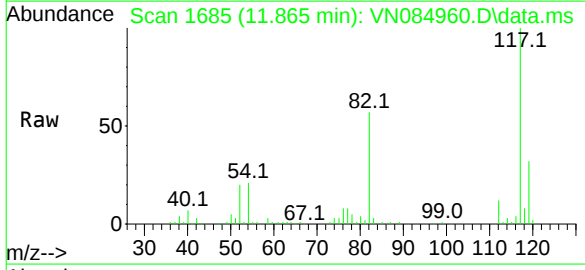
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	117	Resp:	240365
Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.2	70.8
119	32.3	25.4	38.0

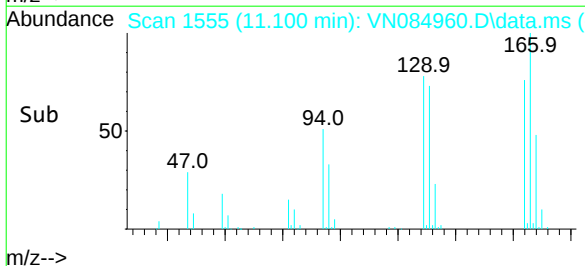
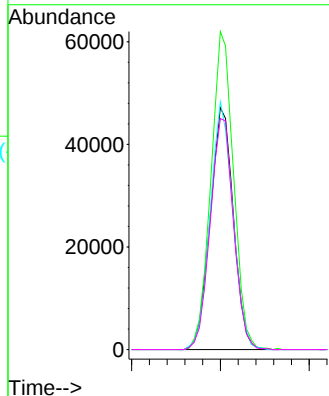
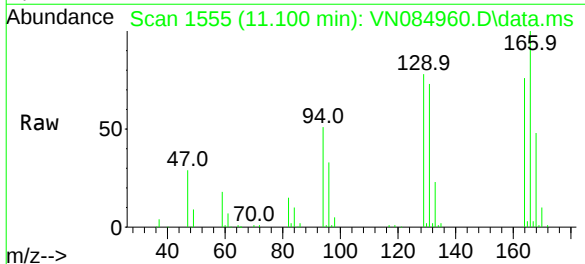
Manual Integrations
APPROVED

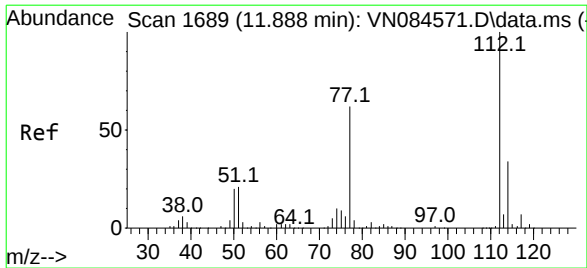
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#64
Tetrachloroethene
Concen: 53.532 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:	164	Resp:	85588
Ion	Ratio	Lower	Upper
164	100		
166	131.5	101.0	151.4
129	102.4	80.8	121.2
131	95.5	78.1	117.1





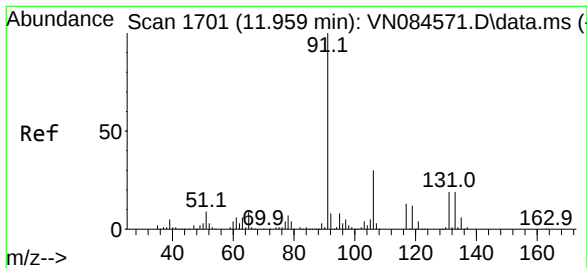
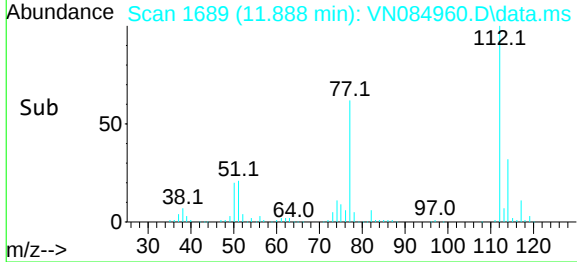
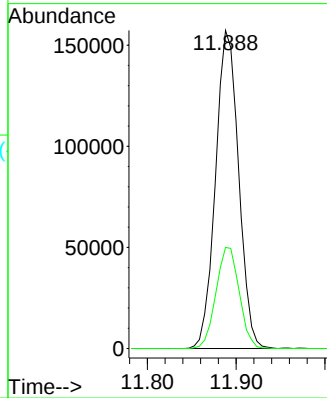
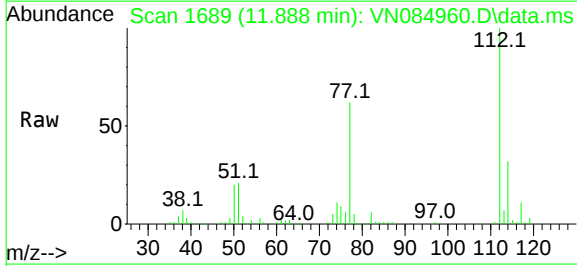
#65
Chlorobenzene
Concen: 52.828 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 284076
Ion Ratio Lower Upper
112 100
114 31.8 27.0 40.6

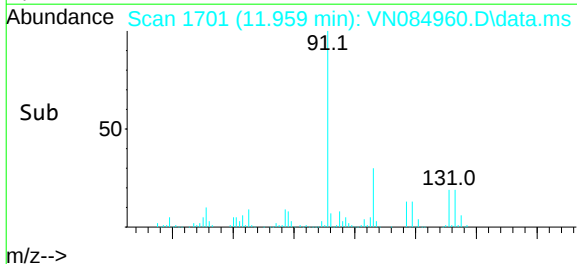
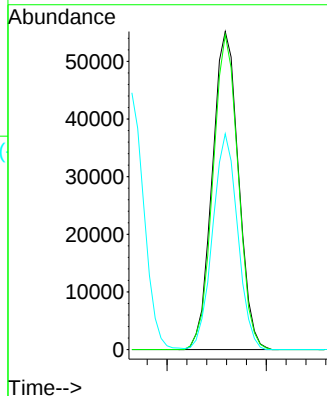
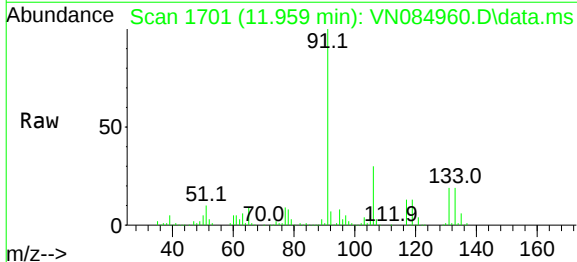
Manual Integrations
APPROVED

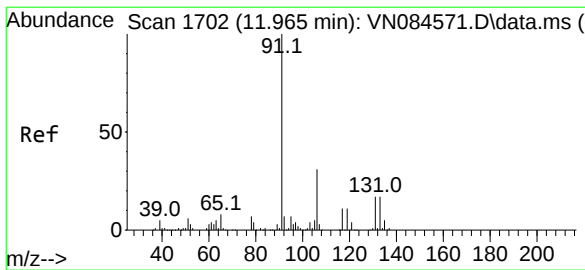
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 54.146 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:131 Resp: 101276
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 64.7 32.8 98.3





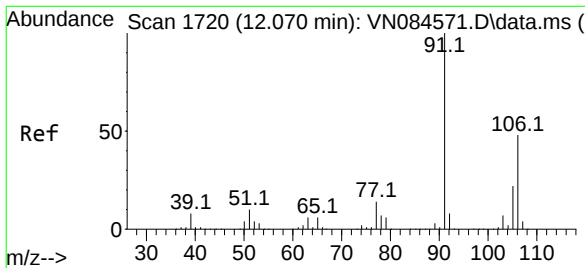
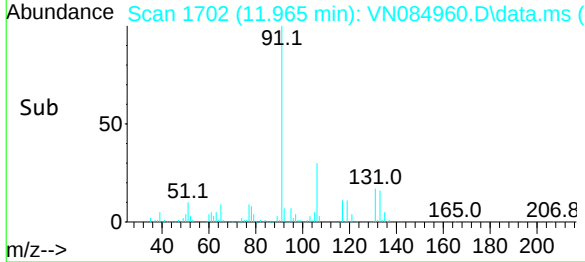
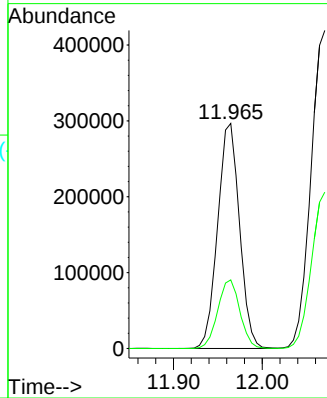
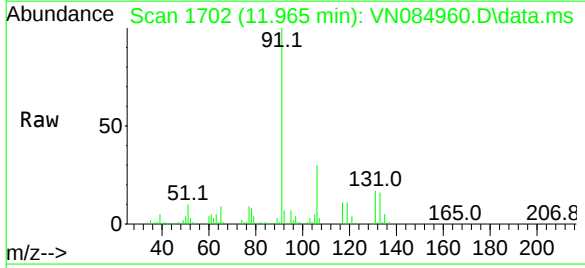
#67
Ethyl Benzene
Concen: 56.556 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 507651
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

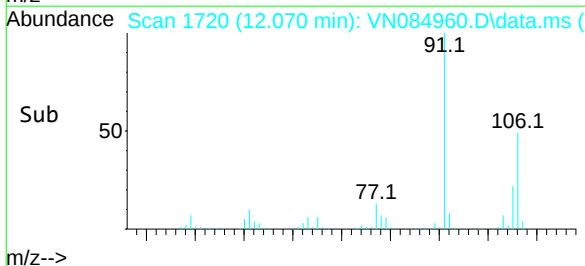
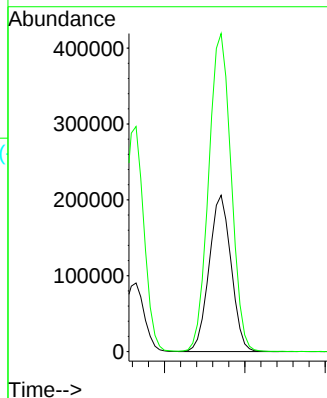
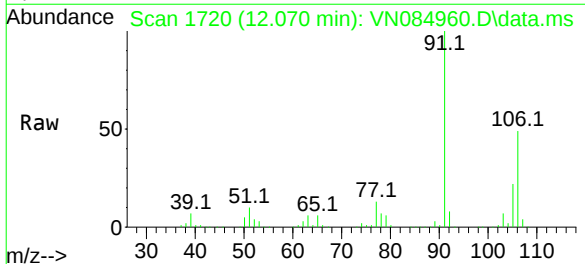
Manual Integrations
APPROVED

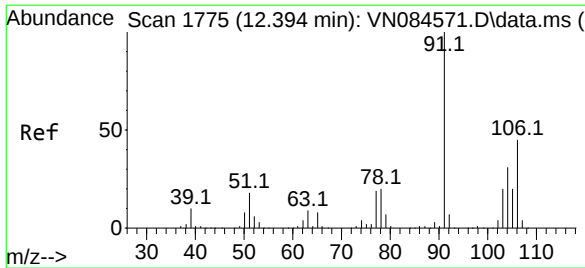
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#68
m/p-Xylenes
Concen: 115.337 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:106 Resp: 391940
Ion Ratio Lower Upper
106 100
91 208.3 167.1 250.7





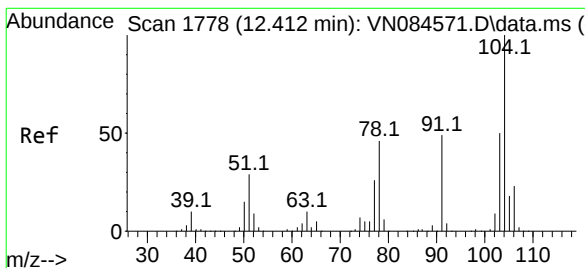
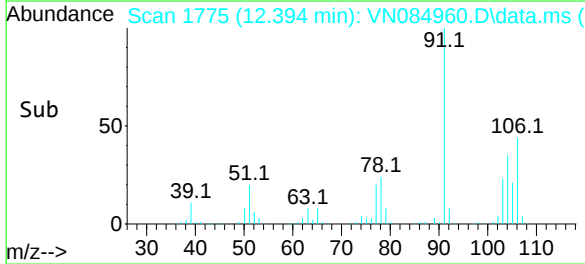
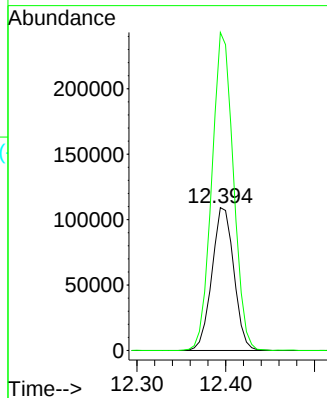
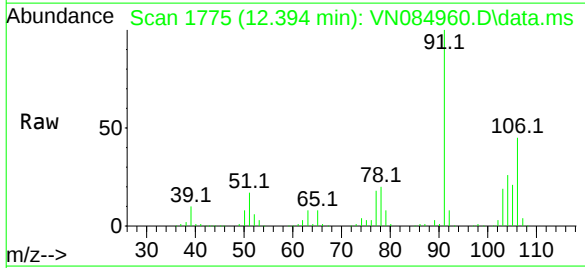
#69
o-Xylene
Concen: 58.928 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 187331
Ion Ratio Lower Upper
106 100
91 219.3 110.2 330.6

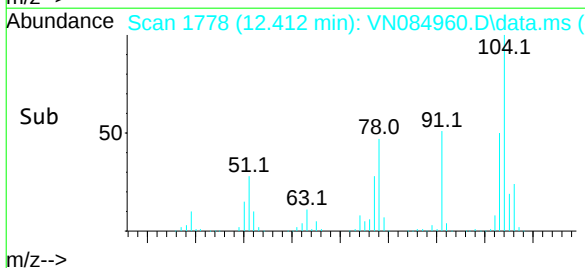
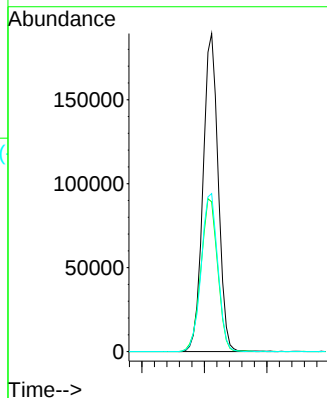
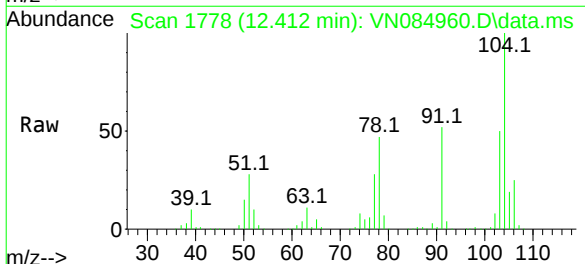
Manual Integrations
APPROVED

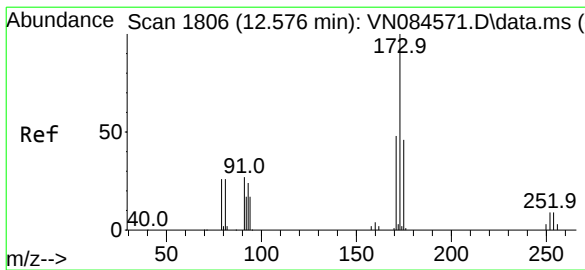
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#70
Styrene
Concen: 57.589 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:104 Resp: 319362
Ion Ratio Lower Upper
104 100
78 53.0 42.7 64.1
103 54.3 43.6 65.4





#71

Bromoform

Concen: 56.375 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

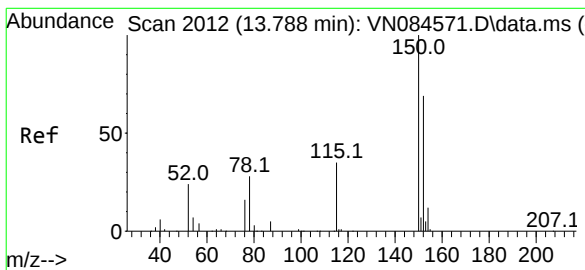
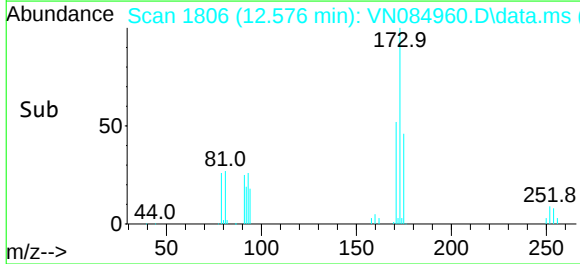
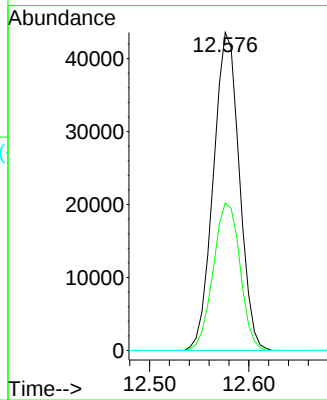
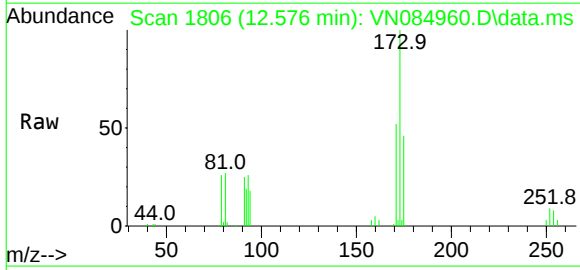
VSTDCCC050

Tgt Ion:	173	Resp:	79345
Ion Ratio	Lower	Upper	
173	100		
175	47.8	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

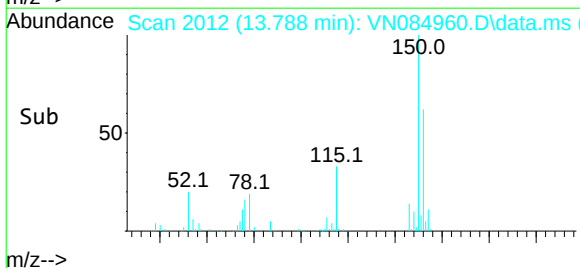
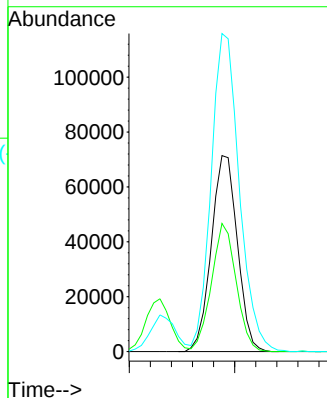
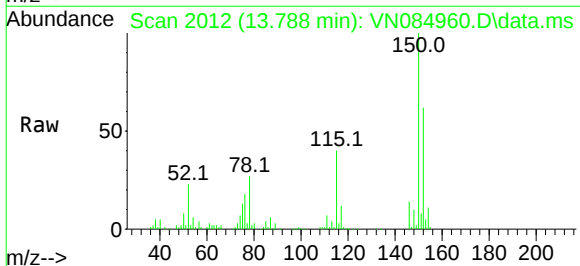
RT: 13.788 min Scan# 2012

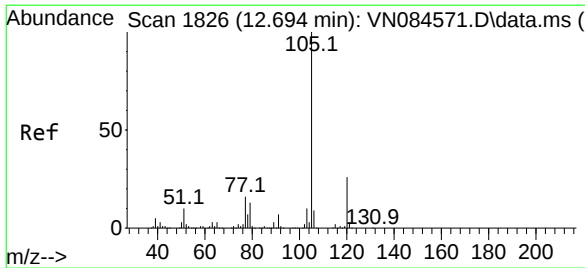
Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Tgt Ion:	152	Resp:	122785
Ion Ratio	Lower	Upper	
152	100		
115	62.0	31.3	93.9
150	174.9	0.0	349.8





#73

Isopropylbenzene

Concen: 55.679 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 479086

Ion Ratio Lower Upper

105 100

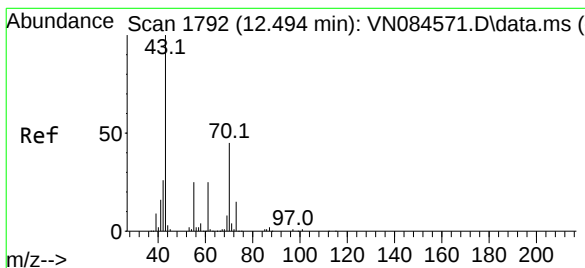
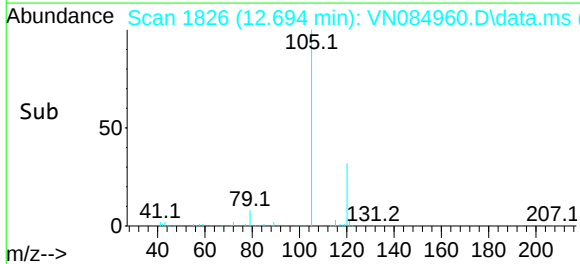
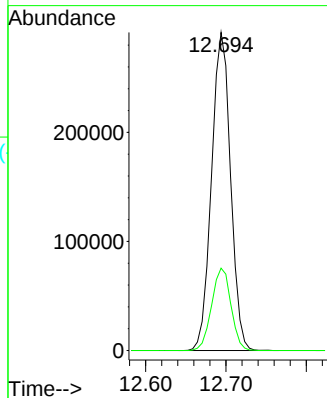
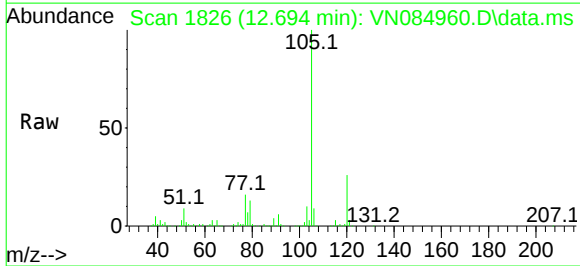
120 26.2 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#74

N-ethyl acetate

Concen: 56.065 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Tgt Ion: 43 Resp: 205323

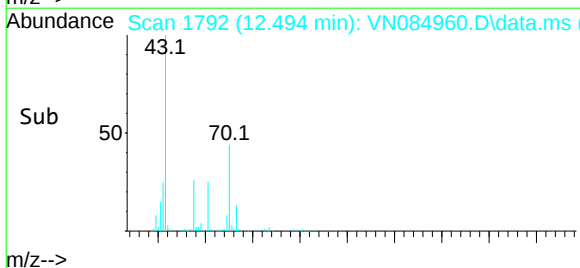
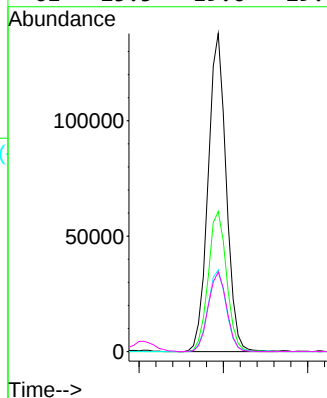
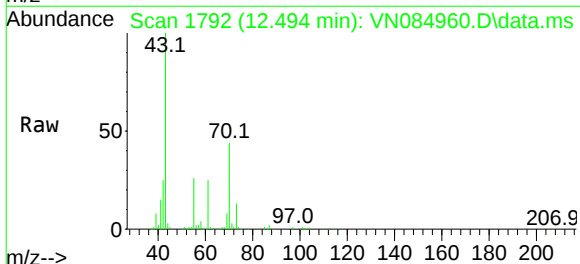
Ion Ratio Lower Upper

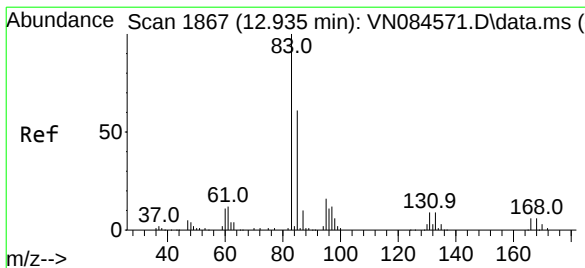
43 100

70 44.8 34.4 51.6

55 25.9 19.6 29.4

61 25.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.040 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

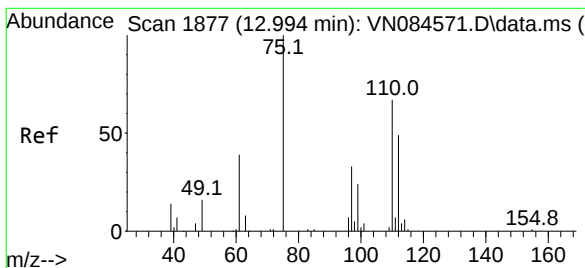
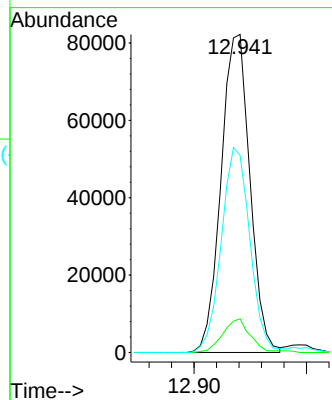
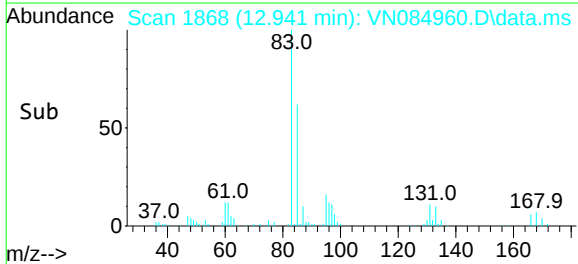
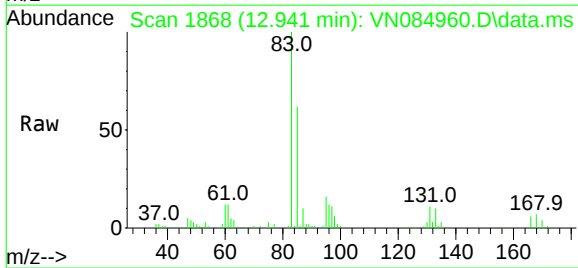
VSTDCCC050

Tgt Ion:	83	Resp:	146589
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#76

1,2,3-Trichloropropane

Concen: 50.987 ug/l m

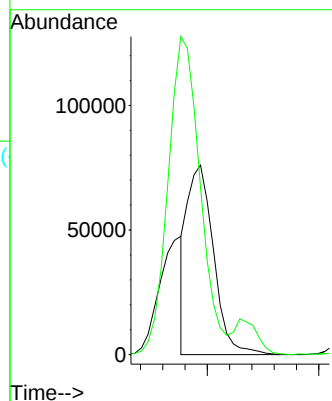
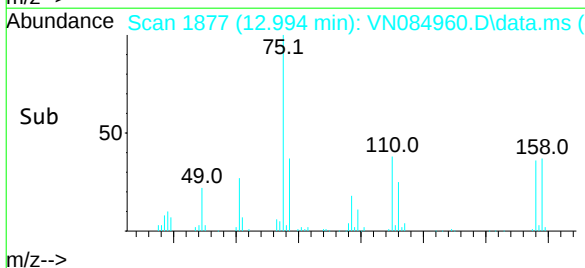
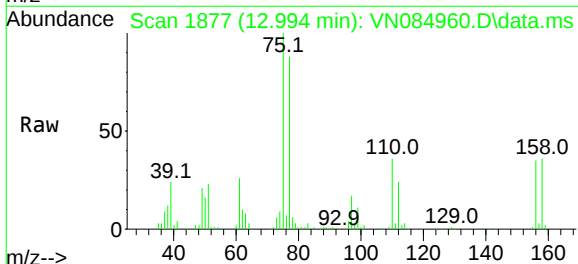
RT: 12.994 min Scan# 1877

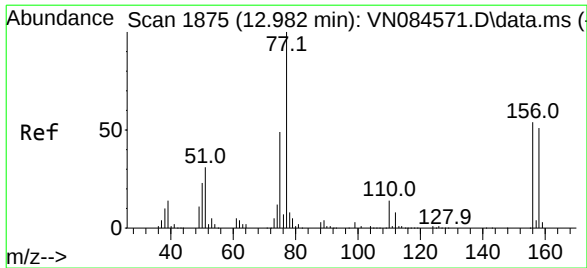
Delta R.T. 0.006 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

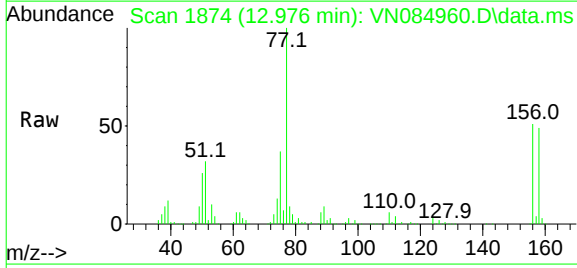
Tgt Ion:	75	Resp:	125143
Ion	Ratio	Lower	Upper
75	100		
77	204.0	96.9	290.7





#77
Bromobenzene
Concen: 49.030 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

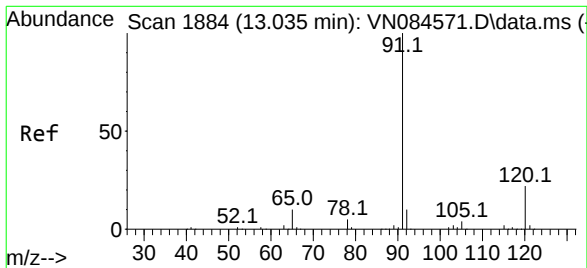
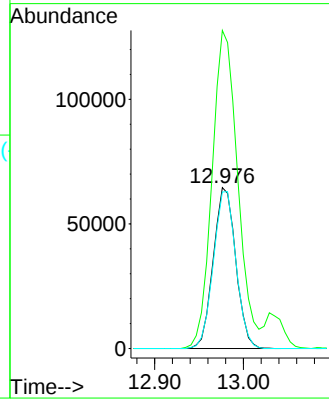
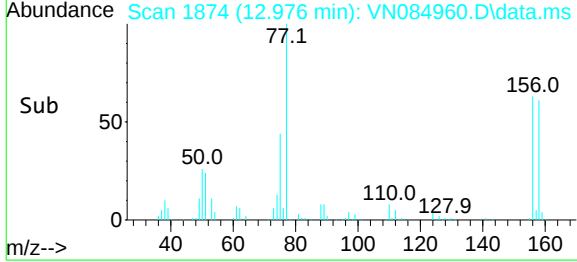
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 113414
Ion Ratio Lower Upper
156 100
77 225.1 115.1 345.3
158 98.6 48.9 146.8

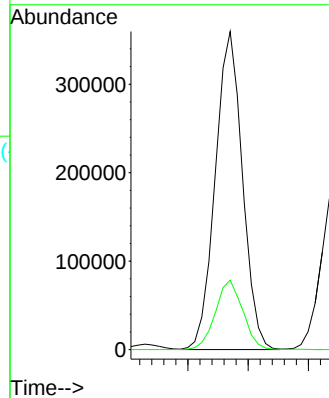
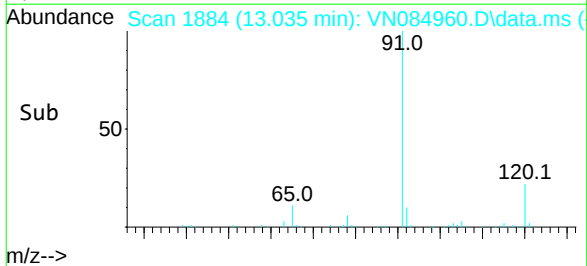
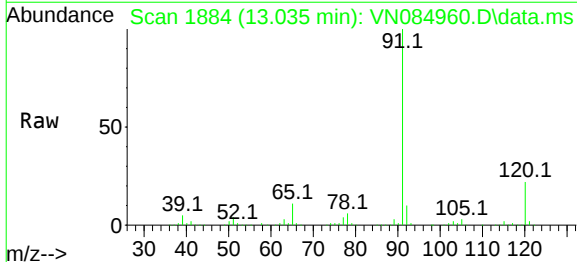
Manual Integrations
APPROVED

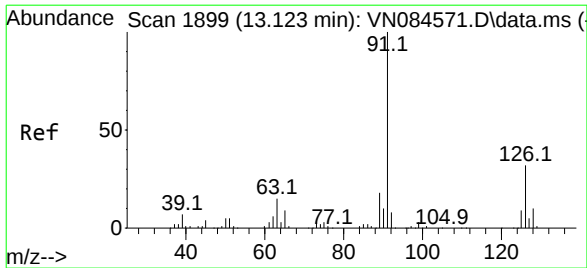
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#78
n-propylbenzene
Concen: 55.869 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion: 91 Resp: 563327
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4





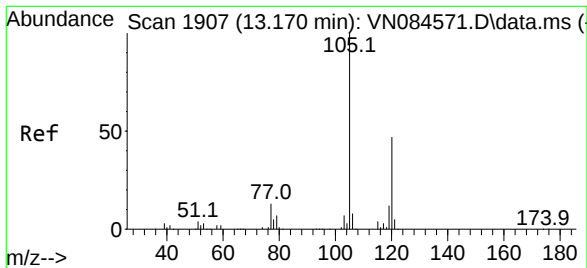
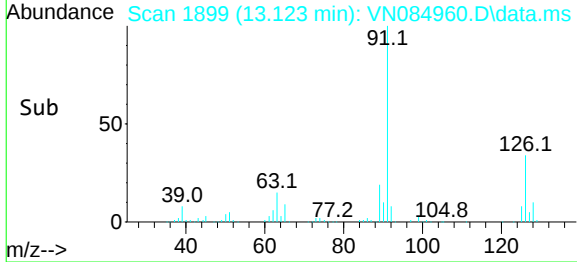
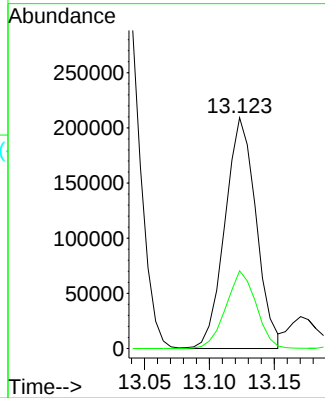
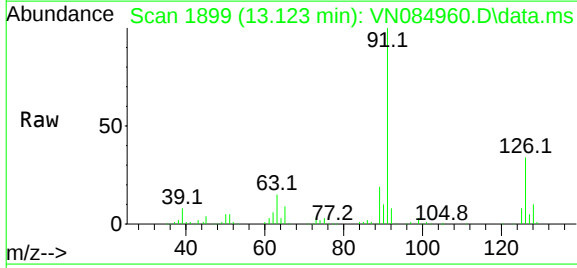
#79
2-Chlorotoluene
Concen: 53.064 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 349601
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1

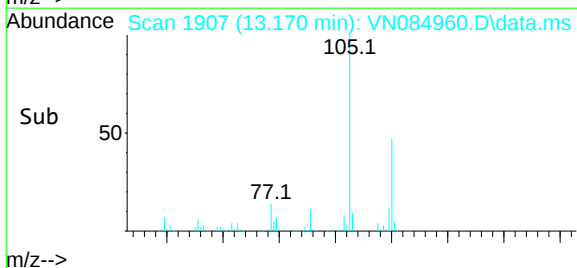
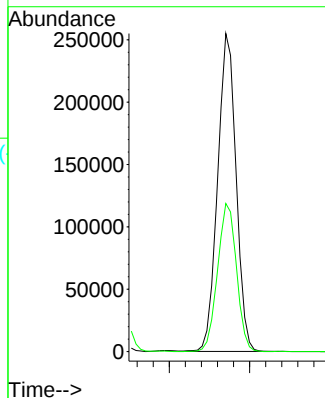
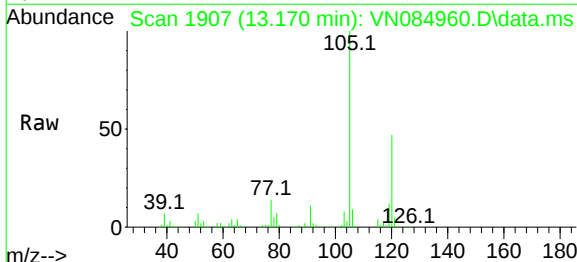
Manual Integrations
APPROVED

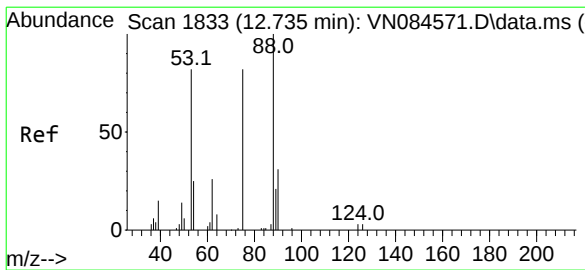
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#80
1,3,5-Trimethylbenzene
Concen: 57.072 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:105 Resp: 407010
Ion Ratio Lower Upper
105 100
120 47.8 23.7 71.1





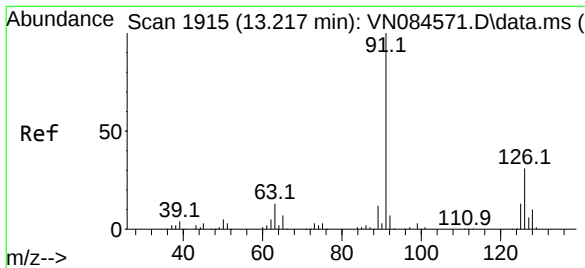
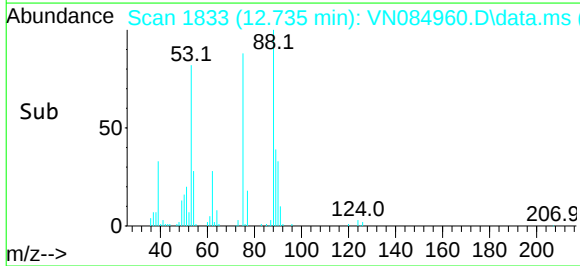
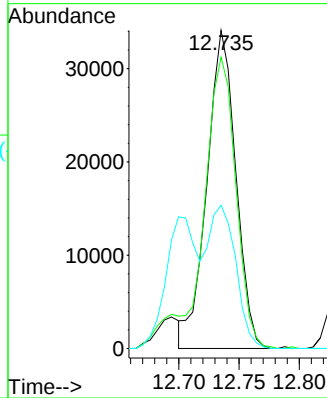
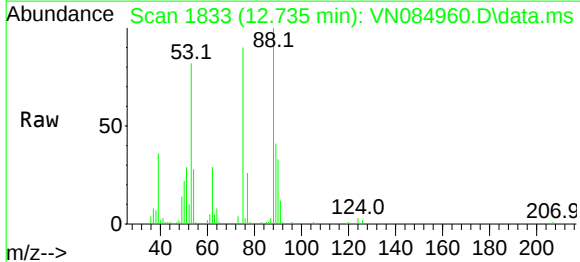
#81
trans-1,4-Dichloro-2-butene
Concen: 55.078 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.3	78.0	117.0
89	43.8	35.5	53.3

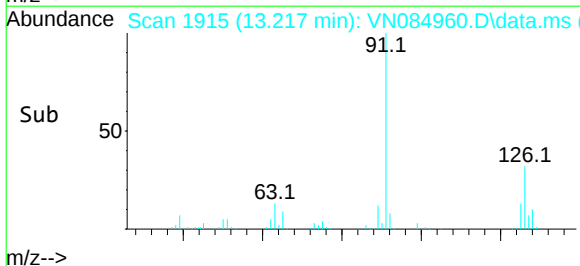
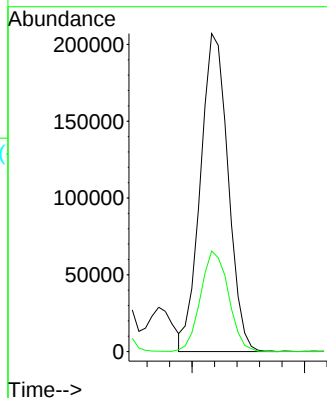
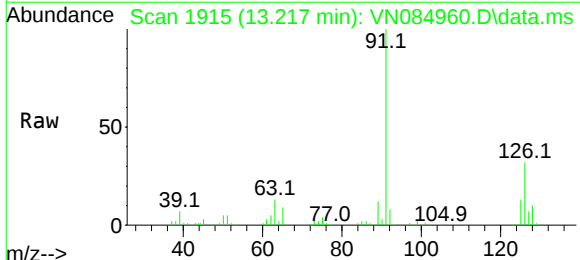
Manual Integrations
APPROVED

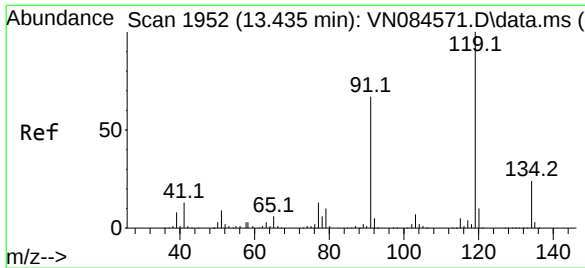
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#82
4-Chlorotoluene
Concen: 51.041 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.7	47.1





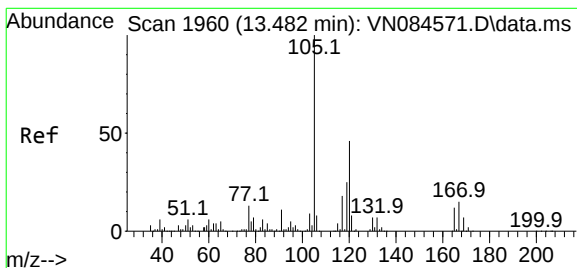
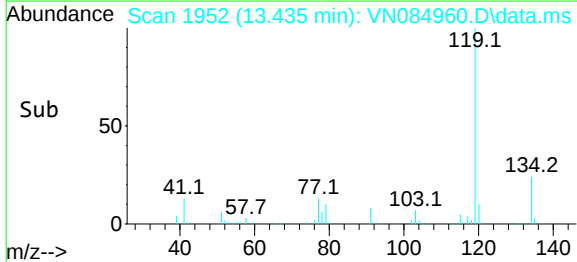
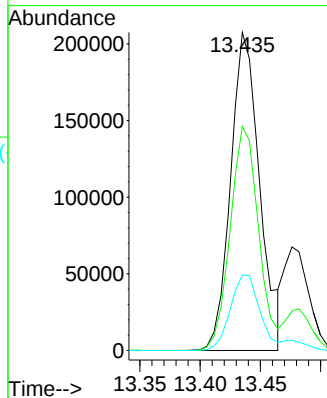
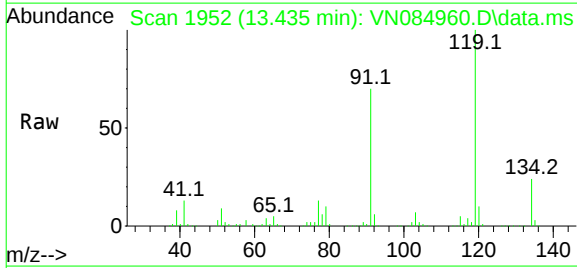
#83
tert-Butylbenzene
Concen: 58.973 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 348071
Ion Ratio Lower Upper
119 100
91 68.8 34.1 102.3
134 26.5 12.8 38.4

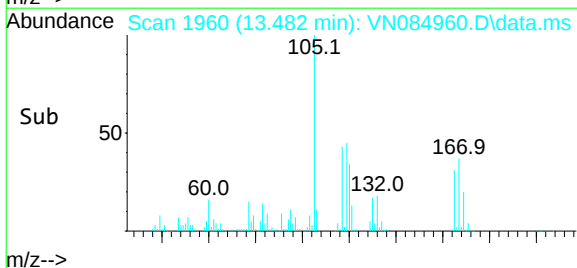
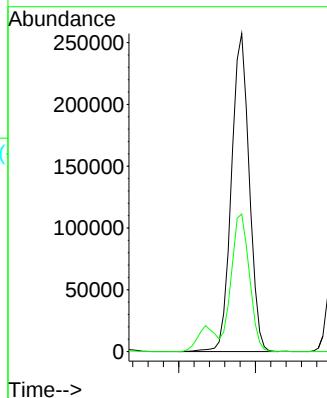
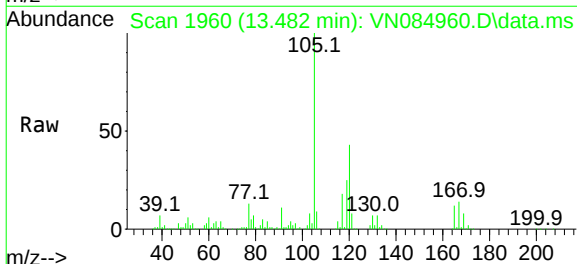
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#84
1,2,4-Trimethylbenzene
Concen: 56.287 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:105 Resp: 414294
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 56.017 ug/l

RT: 13.611 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

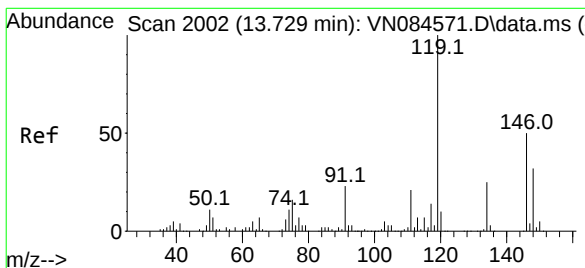
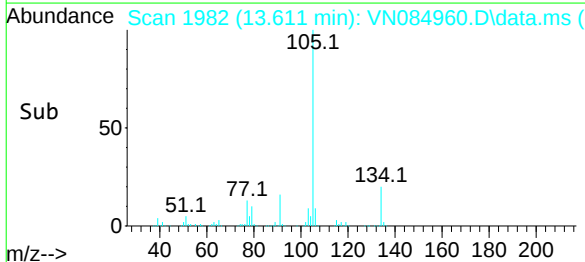
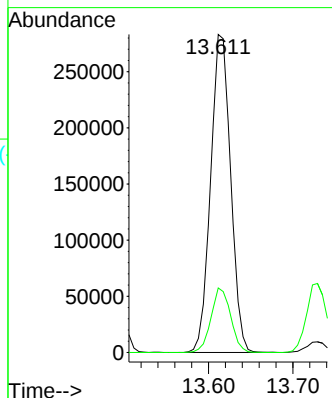
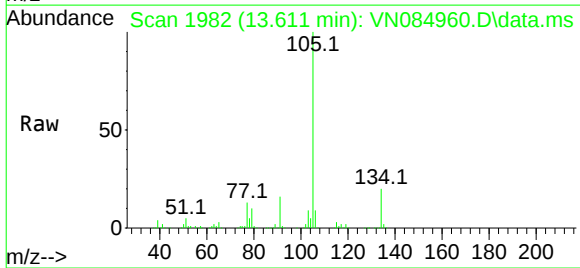
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 467025
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



#86

p-Isopropyltoluene

Concen: 58.679 ug/l

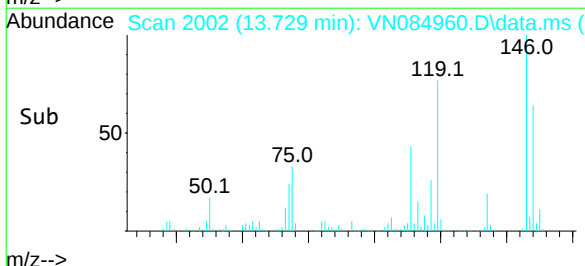
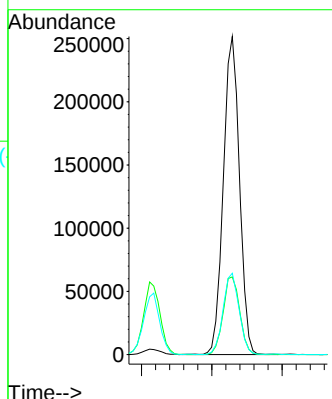
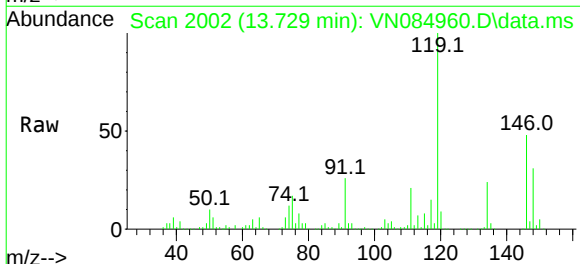
RT: 13.729 min Scan# 2002

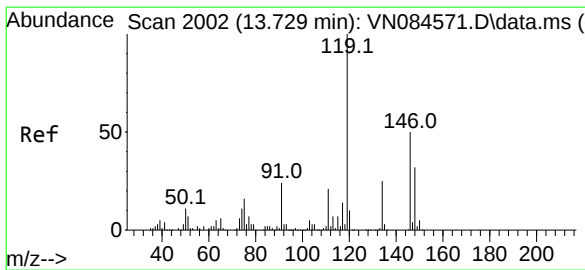
Delta R.T. 0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Tgt Ion:119 Resp: 401222
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 25.5 12.4 37.2





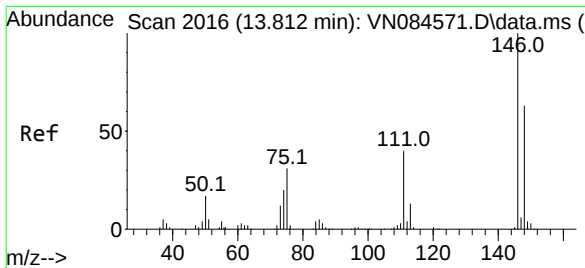
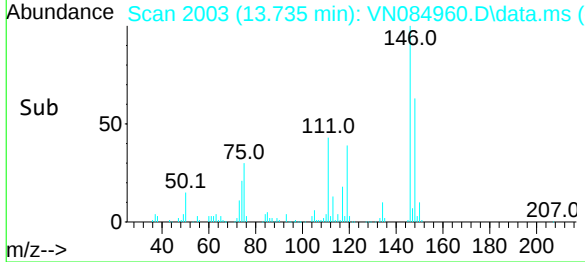
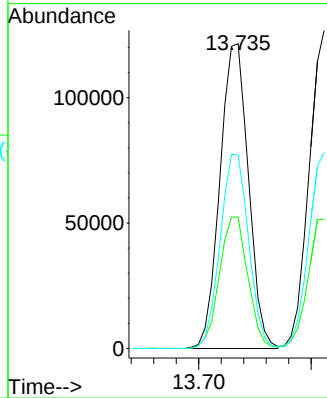
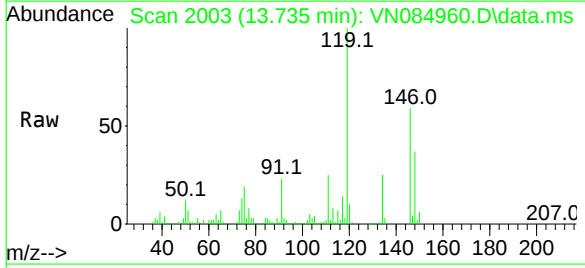
#87
1,3-Dichlorobenzene
Concen: 47.403 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 213991
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.3
148 63.6 31.9 95.7

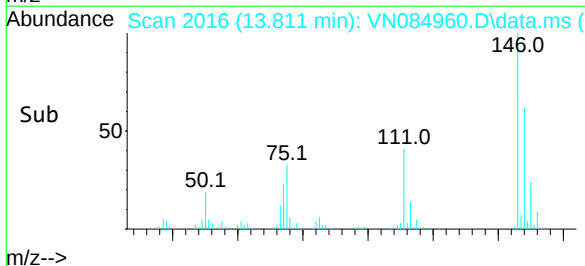
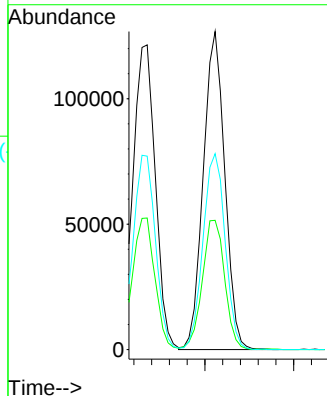
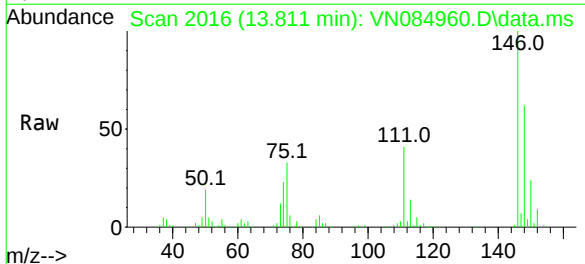
Manual Integrations
APPROVED

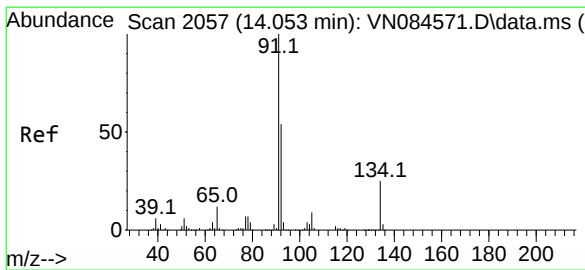
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#88
1,4-Dichlorobenzene
Concen: 51.698 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.001 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:146 Resp: 213744
Ion Ratio Lower Upper
146 100
111 42.1 21.2 63.6
148 63.4 31.9 95.9





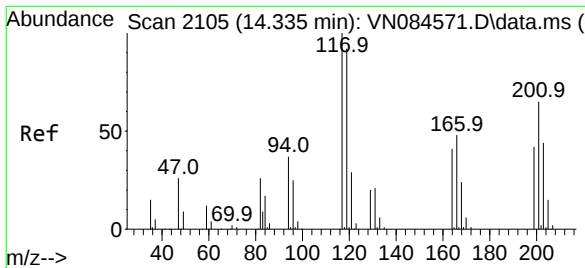
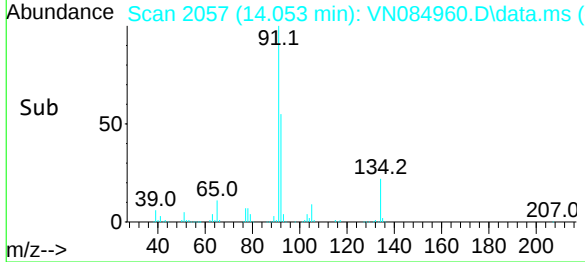
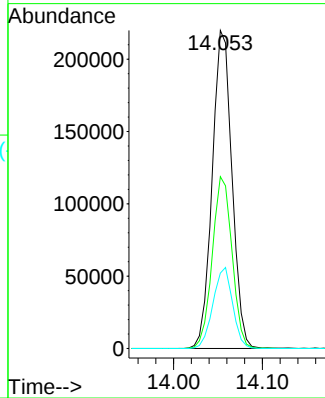
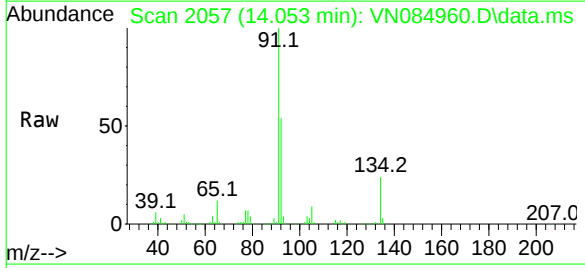
#89
n-Butylbenzene
Concen: 53.124 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	339784
Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.7
134	25.3	12.3	36.9

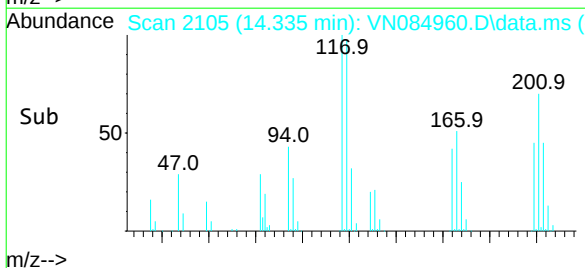
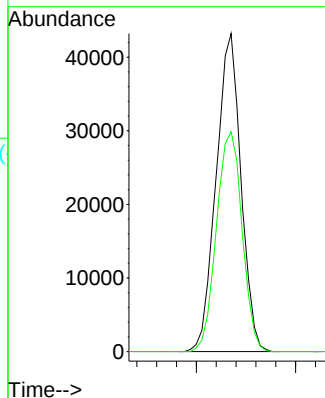
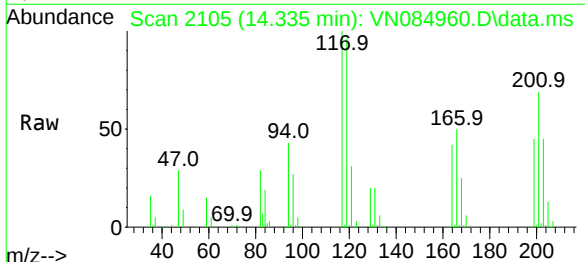
Manual Integrations
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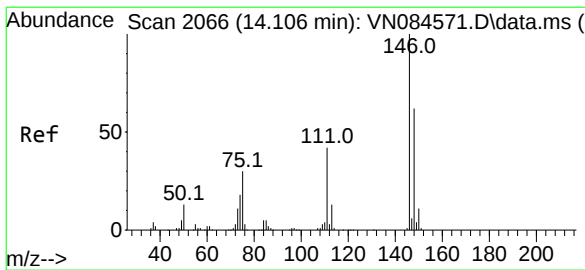
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#90
Hexachloroethane
Concen: 49.189 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion:	117	Resp:	75005
Ion	Ratio	Lower	Upper
117	100		
201	71.4	34.4	103.2





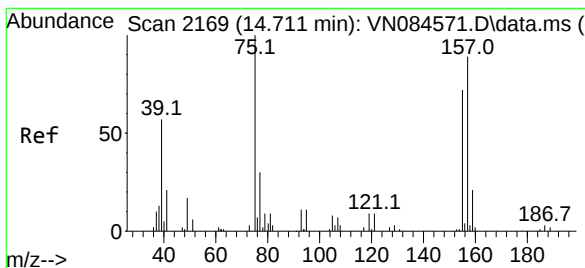
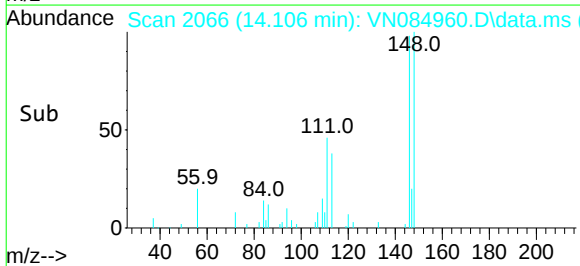
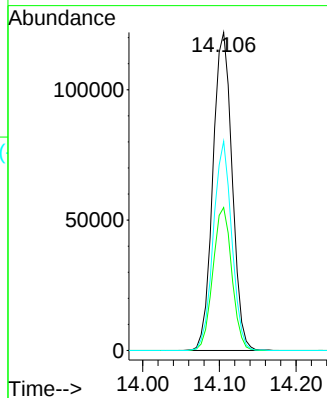
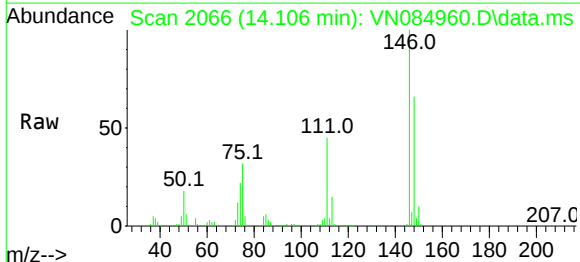
#91
1,2-Dichlorobenzene
Concen: 48.934 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.0	66.0
148	63.1	32.1	96.3

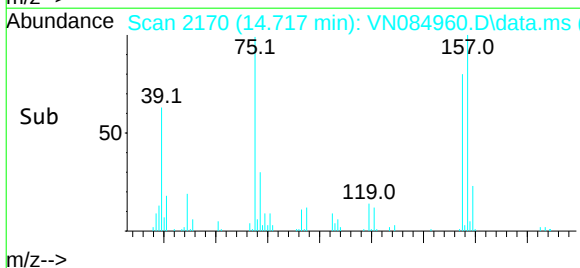
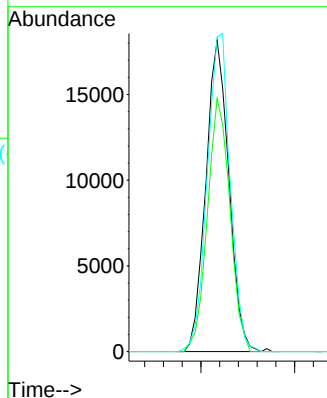
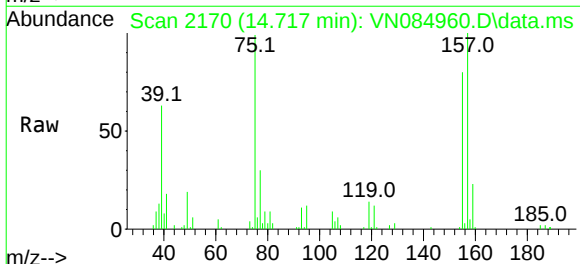
Manual Integrations
APPROVED

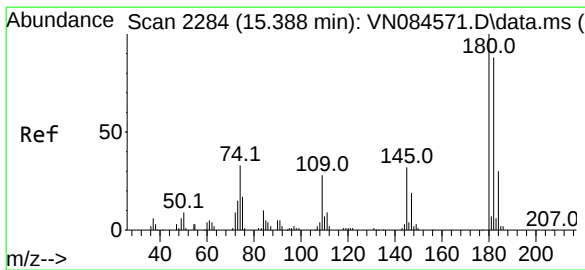
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.467 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084960.D
Acq: 20 Nov 2024 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	38.1	114.5
157	101.8	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 47.286 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 112274

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.0

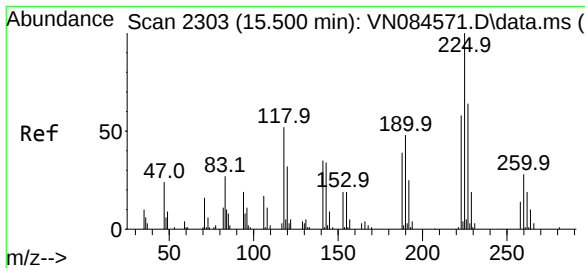
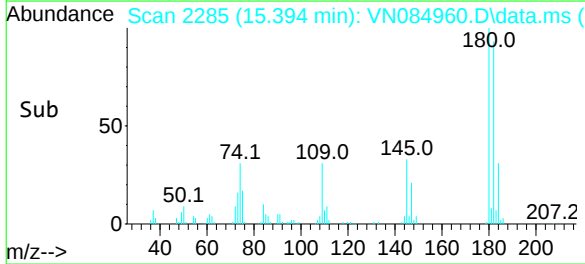
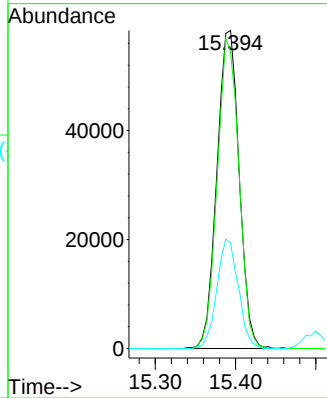
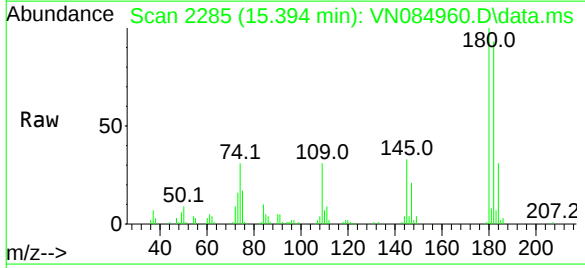
145 33.2 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024

Supervised By :Mahesh Dadoda 11/21/2024



#94

Hexachlorobutadiene

Concen: 47.779 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

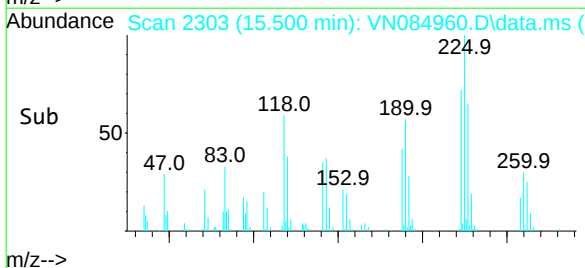
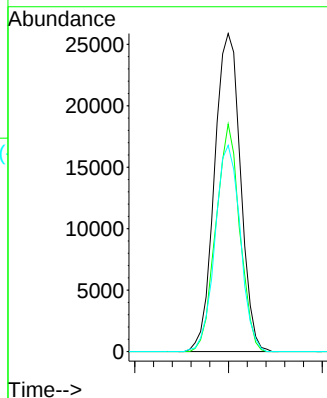
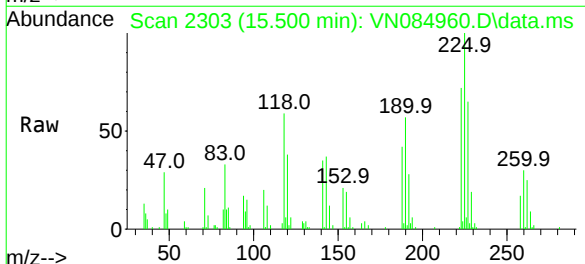
Tgt Ion:225 Resp: 49818

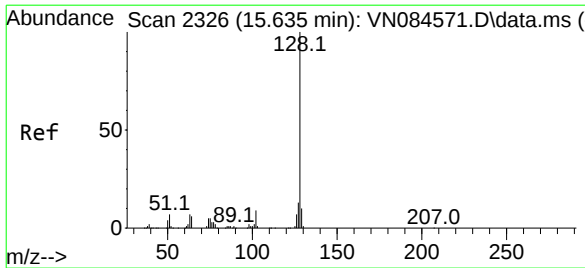
Ion Ratio Lower Upper

225 100

223 65.5 32.4 97.2

227 63.1 32.4 97.0





#95

Naphthalene

Concen: 51.842 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Instrument :

MSVOA_N

ClientSampleId :

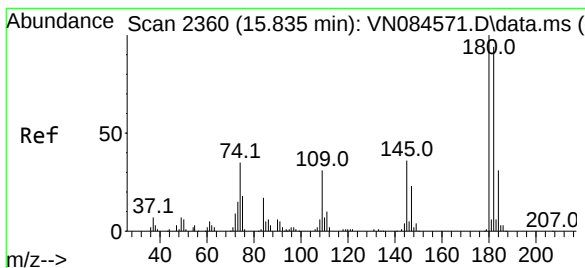
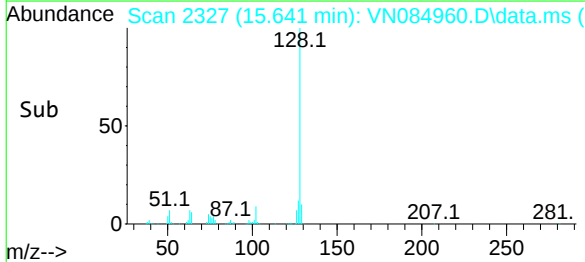
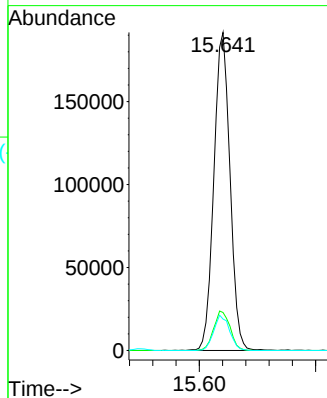
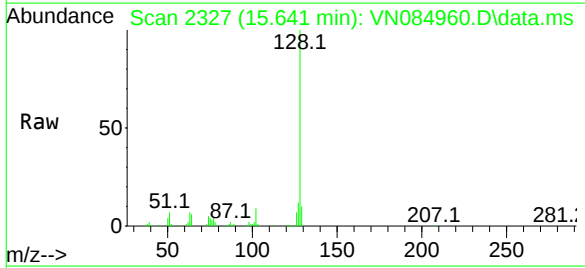
VSTDCCC050

Tgt Ion:	128	Resp:	368434
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.284 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084960.D

Acq: 20 Nov 2024 11:18

Tgt Ion:	180	Resp:	106677
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.2	144.6
145	35.6	17.3	51.9

